

papiNet

papiNet V2R31

Data Dictionary

Global Standard for the Paper and Forest Products Supply Chain

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Table of Contents

Copyright 2
Use of Documents in papiNet Implementations 2
Table of Contents 3
Data Dictionary: papiNet Version 2.31 39
a 39
Abrasion 40
AbsorptionInk 41
AbsorptionLight 43
AbsorptionWater 44
ActionType [attribute] 45
ActualNominal [attribute] 46
AdditionalItemInfo 46
AdditionalTest 47
AdditionalTestName 48
AdditionalText 48
Address1 48
Address2 49
Address3 49
Address4 49
AddressRoleType 49
AdjustmentFixedAmount 49
AdjustmentPercentage 50
AdjustmentType (Financial) [attribute] 50
AdjustmentType (Tare) [attribute] 55
AdjustmentTypeReason 56
AdjustmentValue 57
Age 57
Agency [attribute] 58
AggregatedUsageLineItem 63
Alignment 64
Altitude 64
AmbientTemperature 65
Amount 65
AmountSubjectToTermsDiscount 66
AmountType [attribute] 66
Appearance 67
AppliesTo [attribute] 68
AreaInfo 68
AreaProperty 69
ArrivalDate 70
Ash 71
AssemblyInstructions 72
AssemblyType [attribute] 72
AssignedBy [attribute] 73
AttachmentContext [attribute] 78
AttachmentFileName 79
AudioCassette 80
AudioCassetteCaseType [attribute] 82
AudioCassetteTapeLengthType [attribute] 82
Availability 83
AvailabilityDetail 84
AvailabilityHeader 86
AvailabilityIssueDate 87
AvailabilityNumber 88
AvailabilityStatusRequestDetail 88
b 90
Bale 90

BaleCharacteristics 91
BaleConversionCharacteristics 92
BaleDepth 92
BaleHeight 93
BaleItem 94
BalePackagingCharacteristics 96
BaleReference 96
BaleReferenceType [attribute] 97
BalesPerUnit 97
BaleStandardWeight 97
BaleType [attribute] 98
BaleWidth 98
BandCharacteristics 99
BandColour 99
BandDirection [attribute] 100
BandLocationType [attribute] 100
BandMaterial 100
BandsRequired [attribute] 100
BandType [attribute] 101
BarcodeSuppliedByPublisher [attribute] 101
Bark 102
BaseAmountInfo 103
BaseNetAmount 103
BasisWeight 104
BasisWeightVariation 105
BendingResistance 106
BendingStiffness 108
BestBeforeDate 109
Billable [attribute] 109
BillOfMaterials 110
BillToParty 111
BinaryValue 111
BindingBackingType [attribute] 111
BindingBackStyleType [attribute] 112
BindingCoverScoring [attribute] 112
BindingExtras 112
BindingExtrasDescription 113
BindingMaterialCharacteristics 114
BindingMaterialDescription 115
BindingReinforcement [attribute] 115
BindingRibbon [attribute] 115
BindingStyleType [attribute] 115
BindingType [attribute] 119
Black 120
Blanket 120
BlanketPacking 121
BlanketType 121
BleachingProcess [attribute] 121
Bleed [attribute] 121
Blue 122
BookBlock 123
BookBlockBulk 123
BookBlockEdgeTrim 124
BookBlockFinishExtras 124
BookClassification 125
BookClassificationType [attribute] 125
BookManufacturing 127
BookPackageInformation 128
BookSpecIdentification 130

BookSpecification 131
BookSubClassification 133
BookSubClassificationType [attribute] 133
BookUnitPacking 142
BookUnitType [attribute] 143
BooleanValue 143
BoxCharacteristics 144
BoxItem 146
BoxMeasurementsAppliesTo [attribute] 148
BoxReference 148
BoxReferenceType [attribute] 149
BoxType [attribute] 149
Brand 150
Brightness 150
Brilliance 151
BucketStatusType [attribute] 152
BucketType [attribute] 152
Bulk 153
BulkNumberOfUnits 154
Burst 155
BurstIndex 156
BusinessAcceptance 158
BusinessAcceptanceDate 159
BusinessAcceptanceNumber 160
BusinessAcceptanceParty 160
BusinessAcceptanceStatus [attribute] 161
BusinessAcknowledgement 161
BusinessAcknowledgementDate 163
BusinessAcknowledgementNumber 163
BuyerParty 164
ByInvoice 164
ByJob 165
ByLoad 166
ByLoadType [attribute] 166
ByPeriod 167
ByProduct 167
ByPurchaseOrder 168
ByQualifiedDeliveryMessage 169
ByQualifiedPurchaseOrderInformation 169
ByShipTo 170
BySupplierOrder 171
BySupplierOrderNumber 172
Calendar 172
CalendarEntry 173
CalendarEntryPeriod [attribute] 174
CalendarHeader 174
CalendarIssueDate 175
CalendarNumber 176
CalendarRequestDetail 176
CalendarSequence 177
CalendarSequenceNumber 178
CalendarStatus [attribute] 178
CalendarType [attribute] 178
Calibration 179
CalibrationDate 179
CalibrationDescription 180
CalibrationNumber 180
Caliper 180
CallOff 181

CallOffConfirmationIssuedDate 182
CallOffConfirmationLineItemNumber 183
CallOffConfirmationNumber 183
CallOffHeader 184
CallOffHeaderStatusType [attribute] 186
CallOffInformation 187
CallOffIssuedDate 188
CallOffLineItem 189
CallOffLineItemDocumentStatus [attribute] 191
CallOffLineItemDocumentStatus [attribute] 191
CallOffLineItemNumber 192
CallOffLineItemStatusType [attribute] 192
CallOffLineItemText 192
CallOffNumber 193
CallOffPaper 193
CallOffProduct 194
CallOffProductConversionType 195
CallOffPurchaseOrderLineItem 196
CallOffReel 196
CallOffReference 197
CallOffReferenceType [attribute] 197
CallOffSheet 197
CallOffStatusType [attribute] 198
CallOffSummary 199
CallOffType [attribute] 199
CallOffWood 200
CallOffWoodHeader 201
CallOffWoodLineItem 203
CallOffWoodProductGroup 205
CallOffWoodSummary 206
CarrierParty 207
Case 208
CaseBoardMaterials 209
CaseBoardType [attribute] 209
CaseFlushFoot [attribute] 210
CaseLining 210
CaseLiningDescription 210
CaseLocationType [attribute] 210
CaseMaking 211
CaseMaterial 211
CaseOversize 212
CaseShow 212
CaseShowType [attribute] 213
CaseSupers 213
CaseType [attribute] 213
CassetteCardReference 213
CassetteLabelCharacteristics 214
CassetteLabelSide [attribute] 214
CassetteLabelType [attribute] 214
CD 215
CDFormatType [attribute] 216
CDManufacturingProcess [attribute] 216
CDPackaging 217
CDRType [attribute] 217
CertificationBody [attribute] 217
ChainOfCustody 217
ChangeDetailType [attribute] 218
ChangesAllowed [attribute] 218
Charge 218

ChargeAmount 219
ChargeContext [attribute] 220
ChargeInformation 221
ChargeNetAmount 222
ChargeOrAllowance 222
ChargeOrAllowanceType [attribute] 223
ChargePerUnit 227
ChargeReference 228
ChargeReferenceType [attribute] 228
ChargeType [attribute] 229
ChildrensTitle [attribute] 231
Chip 231
ChipCharacteristics 232
ChipFraction 233
ChipFractionAnalysisDate 233
ChipFractionClass 234
ChipFractionDescription 234
ChipFractionInfo 234
ChipFractionNumber 235
ChipFractionPropertyType [attribute] 235
ChipFractionValue 236
ChipPackagingCharacteristics 237
City 237
ClassCodeInfo 238
ClassIdentifier 238
Classification 239
ClassificationCode 239
ClassificationCodeType [attribute] 240
ClassificationDescription 243
ClothCrossCut [attribute] 243
CMYK 243
Coating 244
CoatingBottom [attribute] 246
CoatingCoverageType [attribute] 247
CoatingLocation [attribute] 247
CoatingLocationType [attribute] 248
CoatingTop [attribute] 248
CoatWeight 249
CoatingWithAdditionalSpecs 250
Code 251
CodeDescription 251
CodeValue 251
Collated [attribute] 251
CoLoading 252
CoLoadingNumber 253
CoLoadingReference 253
CoLoadingReferenceType [attribute] 253
CoLoadingType [attribute] 254
ColourCode 254
ColourDescription 254
ColourDetail 255
ColourLocation [attribute] 256
ColourMatchDescription 256
ColourShade 256
ColourSpecs 257
CommodityGoodsCode 257
CommonContact 258
CommunicationRole [attribute] 259
CompensationMeasuringType [attribute] 259

Complaint ... 260
ComplaintHeader ... 262
ComplaintInformation ... 264
ComplaintIssueDate ... 264
ComplaintLineItem ... 265
ComplaintLineItemDetail ... 267
ComplaintLineItemDetailNumber ... 269
ComplaintLineItemNumber ... 269
ComplaintLineNetChargeAmount ... 269
ComplaintNumber ... 269
ComplaintReason ... 269
ComplaintReasonCode ... 270
ComplaintReasonDescription ... 270
ComplaintReasonType [attribute] ... 270
ComplaintReference ... 270
ComplaintReferenceType [attribute] ... 271
ComplaintResponse ... 272
ComplaintResponseHeader ... 274
ComplaintResponseHeaderStatusType [attribute] ... 276
ComplaintResponseIssueDate ... 277
ComplaintResponseLineItem ... 278
ComplaintResponseLineItemDetail ... 281
ComplaintResponseLineItemDetailNumber ... 282
ComplaintResponseLineItemNumber ... 282
ComplaintResponseLineNetChargeAmount ... 283
ComplaintResponseLineStatusType [attribute] ... 283
ComplaintResponseNumber ... 283
ComplaintResponseReason ... 283
ComplaintResponseReasonCode ... 284
ComplaintResponseReasonDescription ... 284
ComplaintResponseReasonType [attribute] ... 284
ComplaintResponseReference ... 285
ComplaintResponseReferenceType [attribute] ... 285
ComplaintResponseSpecification ... 286
ComplaintResponseSummary ... 287
ComplaintResponseType [attribute] ... 288
ComplaintSpecification ... 288
ComplaintSummary ... 289
ComplaintType [attribute] ... 290
ComponentDueDate ... 290
ComponentNeededDate ... 291
ComponentShipDate ... 292
CompositeAndVeneerWoodPanels ... 292
CompoundAgency [attribute] ... 293
CompoundType [attribute] ... 293
ConcernIndicatorType [attribute] ... 293
ConstructionPackagesAndPreFabPanels ... 293
ConsumptionProcess ... 294
ContactIdentifier ... 295
ContactIdentifierType [attribute] ... 295
ContactName ... 296
ContactType [attribute] ... 296
ConversionCode ... 297
CoordinateDisplayOrder [attribute] ... 298
CoordinateFormatType [attribute] ... 298
Coordinates ... 299
CoreCharacteristics ... 300
CoreCode ... 301
CoreDiameterInside ... 301

CoreDiameterOutside 301
CoreEndType [attribute] 302
CoreMaterialType [attribute] 303
CorePlugs 303
CoreStrengthCode 303
CorrectiveAction 304
CostComponent 304
CostComponentCode 305
CostComponentCodeValue 305
CostComponentDescription 306
Country 306
CountryAssociatedWithProduct 306
CountryAssociatedWithProductContextType [attribute] 307
CountryAssociatedWithProductStatusType [attribute] 307
CountryOfConsumption 308
CountryOfDestination 308
CountryOfOrigin 308
County 309
CreditDebitNote 309
CreditDebitNoteAmountSubtotal 310
CreditDebitNoteBaseAmountInformation 310
CreditDebitNoteDate 311
CreditDebitNoteHeader 312
CreditDebitNoteLineAmount 314
CreditDebitNoteLineItem 315
CreditDebitNoteLineItemNumber 318
CreditDebitNoteNumber 318
CreditDebitNoteReason 318
CreditDebitNoteReasonCode 318
CreditDebitNoteReasonType [attribute] 319
CreditDebitNoteReference 319
CreditDebitNoteReferenceType [attribute] 320
CreditDebitNoteSummary 321
CreditDebitNoteType [attribute] 323
CurrencyFromType [attribute] 323
CurrencyType [attribute] 323
CurrencyValue 323
CustomerMarks 324
CustomerMarksType [attribute] 324
CustomsParty 326
CustomsReferenceNumber 327
CustomsReferenceNumberType [attribute] 327
CustomsStampDate 327
CustomsStampHeaderText 328
CustomsStampInformation 328
CustomsStampTrailerText 329
CustomsTariffCode 329
CustomsTotals 329
CuttingDetails 329
CuttingTemplateCode 330
Cyan 331
Date 332
DateFinished 332
DateMade 333
DateSheeted 333
DateTimeFrom 334
DateTimeRange 334
DateTimeTo 335
DateTimeValue 335

DateType [attribute] 335
DateWound 339
Day 340
Days 340
Debarked [attribute] 340
DeckAndPorchFlooringMaterials-NaturalWood 341
DeckAndPorchFlooringMaterials-NaturalWoodCharacteristics 342
DecorationCoverage 344
DecorationLocationType [attribute] 344
DecorationSpecs 345
DecorationType [attribute] 346
DeductionInfo 346
DeductionReason 347
DeliveryDate 347
DeliveryDateType [attribute] 348
DeliveryDateWindow 350
DeliveryDestination 351
DeliveryIndicator 353
DeliveryInfo 353
DeliveryInstruction 354
DeliveryInstructionDate 355
DeliveryInstructionHeader 356
DeliveryInstructionHeaderStatusType [attribute] 357
DeliveryInstructionNumber 358
DeliveryInstructionReference 358
DeliveryInstructionReferenceType [attribute] 359
DeliveryInstructionSequence 360
DeliveryInstructionSequenceLineItem 363
DeliveryInstructionSequenceLineItemNumber 366
DeliveryInstructionSequenceNumber 366
DeliveryInstructionSequenceStatusType [attribute] 367
DeliveryInstructionStatusType [attribute] 367
DeliveryInstructionSummary 368
DeliveryInstructionType [attribute] 368
DeliveryLastDateOfChange 369
DeliveryLeg 370
DeliveryLegReference 372
DeliveryLegReferenceType [attribute] 373
DeliveryLegSequenceNumber 373
DeliveryLegType [attribute] 373
DeliveryLineNumber 374
DeliveryMessage 374
DeliveryMessageBook 376
DeliveryMessageBookHeader 378
DeliveryMessageBookShipment 380
DeliveryMessageBookSummary 381
DeliveryMessageContextType [attribute] 381
DeliveryMessageDate 382
DeliveryMessageHeader 383
DeliveryMessageLineItem 386
DeliveryMessageLineItemNumber 389
DeliveryMessageNumber 389
DeliveryMessageProductGroup 389
DeliveryMessageReason 390
DeliveryMessageReasonCode 390
DeliveryMessageReasonDescription 390
DeliveryMessageReelCharacteristics 391
DeliveryMessageReference 392
DeliveryMessageReferenceType [attribute] 393

DeliveryMessageShipment 393
DeliveryMessageStatusType [attribute] 394
DeliveryMessageSummary 394
DeliveryMessageType (Book) [attribute] 395
DeliveryMessageType [attribute] 396
DeliveryMessageType (Wood) [attribute] 396
DeliveryMessageWood 398
DeliveryMessageWoodHeader 400
DeliveryMessageWoodSummary 402
DeliveryModeType [attribute] 403
DeliveryOrigin 404
DeliveryPlanning 405
DeliveryPlanningHeader 407
DeliveryPlanningNumber 409
DeliveryPlanningPeriodType [attribute] 409
DeliveryPlanningSequence 410
DeliveryPlanningSequenceLineItem 412
DeliveryPlanningSequenceLineItemNumber 413
DeliveryPlanningSequenceNumber 413
DeliveryPlanningStatusType [attribute] 413
DeliveryPlanningSummary 414
DeliveryPlanningType [attribute] 414
DeliveryRouteCode 415
DeliverySchedule 415
DeliveryScheduleReference 417
DeliveryScheduleReferenceType [attribute] 417
DeliveryShipmentBookLineItem 418
DeliveryShipmentId 420
DeliveryShipmentLineItem 421
DeliveryShipmentLineItemNumber 424
DeliveryStatus 424
DeliveryStatusType [attribute] 424
DeliveryTransitTime 425
Density 426
DepartureDate 427
DetailRangeMax 428
DetailRangeMin 428
DetailValue 428
DeviationReason 428
DeviationReasonCode 429
DeviationReasonDescription 429
DiameterBreastHeight 429
DieCut [attribute] 430
DieCutDescription 430
DirectLoading [attribute] 430
DirectUnloading [attribute] 430
Dirt 431
DiscPrinting [attribute] 432
DistanceFromCore 432
DistanceFromEdge 433
DistanceMeasuredTo [attribute] 433
DistanceToNextStop 434
Document 434
DocumentContent 435
DocumentContentText 436
DocumentContentType [attribute] 436
DocumentDate 438
DocumentInformation 439
DocumentInstruction 439

DocumentName [attribute] 440
DocumentNumber 446
DocumentReference 446
DocumentReferenceID 446
DocumentReferenceIDLineItemNumber 447
DocumentReferenceIDType [attribute] 447
DocumentReferenceInformation 448
DocumentReferenceType [attribute] 449
DocumentRequired 449
DocumentRequiredType [attribute] 449
DocumentType [attribute] 450
DocumentType [attribute] 450
DocumentVersionNumber 456
DominantWavelength 457
DoubleBunked [attribute] 458
DownGradingInfo 458
DownGradingReason 459
DownGradingReasonCode 459
DownGradingReasonDescription 459
Downtime 459
DowntimeDescription 460
DowntimeReasonCode 460
DrainageResistance 461
Drilled [attribute] 462
DuplicationRatio [attribute] 462
DurationType [attribute] 462
DVD 463
DVDFormatType [attribute] 464
eAttachment 464
e-Attachment 465
Edge 465
Edge 466
EdgeFinish 466
EdgeLocation [attribute] 467
EdgeLocationType [attribute] 467
EdgeMachiningProfile 467
EdgePaddable [attribute] 468
EdgeType [attribute] 468
EdgeType [attribute] 468
ElapsedPercentageOfPlanningPeriod 468
ElapsedTimeOfPlanningPeriod 469
Email 469
Embossing 469
EmbossingCode 469
EmbossingDescription 470
EndCaps 470
EndIdentifierRange 470
EndsDiscountInformation 471
EndsDiscountPercent 471
EndsDiscountRule [attribute] 472
EndsheetCopyDescription 472
EndsheetInformation 472
EndsheetLocationType [attribute] 473
EndsheetMaterials 473
EndsheetReinforcementMaterials 474
EndsheetReinforcementType [attribute] 474
EndsheetType [attribute] 474
EndsLengthMax 475
EndsPermittedPercent 475

EndUserParty 476
EndUses 476
EquipmentPropertyValue 477
EquipmentPropertyType [attribute] 478
Error 479
ErrorCode 479
ErrorDescription 479
ErrorReference 480
ErrorReferenceType [attribute] 480
ErrorSeverity 480
EstimatedArrivalDate 481
EvenSpacing 481
EventDate 481
EventType [attribute] 482
ExchangeRate 482
ExchangeRateType [attribute] 483
ExcitationPurity 484
ExecutionType [attribute] 485
ExLog 485
ExtraFeature 485
ExtraFeatureDescription 486
Face [attribute] 486
Fax 486
FibreClassification 487
FibreLength 488
FibreSource [attribute] 489
FinishedSize 491
FinishPrep 491
FinishPrepInput 492
FinishPrepInputType 492
FinishPrepOutputType [attribute] 493
FinishSpecs 493
FinishTexture 494
FinishType [attribute] 494
FireTreatment 496
FireTreatmentType [attribute] 496
FlapLocation [attribute] 497
FlapWidth 497
FlatAmountAdjustment 498
FlatSize 498
Floor 499
FloorLocationType [attribute] 499
FloorPackage 499
FloorPanel 499
FloorTruss 499
Folded [attribute] 500
Folding 500
Foot 501
ForestWood 502
ForestWoodCharacteristics 503
ForestWoodClass 504
ForestWoodClassCode 504
ForestWoodClassDescription 504
ForestWoodClassType [attribute] 505
ForestWoodItemType [attribute] 505
ForestWoodPackagingCharacteristics 505
ForestWoodProcessingCharacteristics 506
ForestWoodType [attribute] 506
Formation 508

ForwarderParty 509
FountainSolutionConductivity 510
FountainSolutionpH 510
Freeness 511
FreightPayableAt 512
Friction 513
From 514
FromProduct 515
GeneralLedgerAccount 516
Gimmick 517
Gloss 517
GlueExposure 518
GlueExposure 519
GlueExposureID 519
GoodsLoadingPrinciple [attribute] 520
GoodsReceipt 520
GoodsReceiptAcceptance [attribute] 521
GoodsReceiptAcceptance [attribute] 522
GoodsReceiptArrivalDate 523
GoodsReceiptHeader 524
GoodsReceiptHeaderAcceptance [attribute] 526
GoodsReceiptIssueDate 527
GoodsReceiptLineItem 529
GoodsReceiptLineItemNumber 531
GoodsReceiptNumber 531
GoodsReceiptPackage 531
GoodsReceiptReference 532
GoodsReceiptReferenceType [attribute] 533
GoodsReceiptStatusType [attribute] 533
GoodsReceiptSummary 534
GoodsReceiptUnloadDate 534
GoodsReceivedRejectedType [attribute] 535
GPSCoordinates 536
GPSSystem [attribute] 537
Grade 537
GradeAgency [attribute] 537
GradeAgency 538
GradeCode 538
GradeName 539
GradeStamp 539
GradeStamped [attribute] 539
GradeStampLocation 539
GradeStampMillNumber 540
GradeType [attribute] 540
GradingRule [attribute] 548
GrainDirection 548
Green 549
Gutter 550
Gypsum 550
Halftones 551
HardwoodLumber 551
HardwoodLumberCharacteristics 551
Head 552
Headband 553
HeatTreatment 553
HeatTreatmentType [attribute] 554
Height 554
Height 555
HighlightedPlanningBucket 555

HolePunchInformation 556
HolePunchTemplateReference 556
HolePunchThroughCover [attribute] 556
HolePunchType 556
HoleReinforcement 557
HoleSpacing 557
Hours 557
HSB 558
Hue 559
Humidity 560
Identifier 560
IdentifierCodeType [attribute] 561
IdentifierFormatType [attribute] 565
IdentifierType [attribute] 570
Impressions 570
Incoterms [attribute] 571
IncotermsLocation 572
IncotermsVersion [attribute] 572
IncrementalOrderQuantity 573
IncrementalValue 573
InfoRequest 574
InfoRequestIssueDate 577
InfoRequestType [attribute] 577
InformationalAmount 578
InformationalPricePerUnit 579
InformationalPricePerUnitType [attribute] 580
InformationalQuantity 581
Ink 582
InkCharacteristics 583
InkCoverage 583
InkCoverageType [attribute] 584
InkDelivery 584
InkManufacturer 584
InkTack 584
InkTypeDescription 585
InkViscosity 585
InlayCardQuantity [attribute] 585
InsertReference 586
InstructionByType [attribute] 586
Insurance 586
InsuranceContractNo 587
InsuranceInfo 587
InsuredValue 587
Insurer 587
InventoryChange 588
InventoryChangeHeader 589
InventoryChangeIssuedDate 590
InventoryChangeLineItem 592
InventoryChangeLineItemDetail 594
InventoryChangeLineItemDetailNumber 595
InventoryChangeLineItemNumber 596
InventoryChangeNumber 596
InventoryChangeReason 596
InventoryChangeReasonCode 596
InventoryChangeReference 597
InventoryChangeReferenceType [attribute] 597
InventoryChangeStatusType [attribute] 597
InventoryChangeSummary 598
InventoryChangeType [attribute] 599

InventoryClass ... 600
InventoryClassCode ... 601
InventoryClassDescription ... 601
InventoryClassLevel [attribute] ... 601
InventoryDispositionInstructions ... 602
InventoryDispositionInstructionsDetail ... 603
InventoryDispositionInstructionsHeader ... 605
InventoryDispositionInstructionsIssuedDate ... 606
InventoryDispositionInstructionsLineNumber ... 607
InventoryDispositionInstructionsNumber ... 607
InventoryDispositionInstructionsReference ... 607
InventoryDispositionInstructionsReferenceType [attribute] ... 608
InventoryDispositionInstructionsType [attribute] ... 608
InventoryInspectionDate ... 608
InventoryOwnedBy [attribute] ... 609
InventoryStatus ... 609
InventoryStatusHeader ... 611
InventoryStatusIssuedDate ... 612
InventoryStatusLineItem ... 614
InventoryStatusLineItemDetail ... 617
InventoryStatusLineItemDetailNumber ... 617
InventoryStatusLineItemNumber ... 617
InventoryStatusNumber ... 617
InventoryStatusReference ... 618
InventoryStatusReferenceType [attribute] ... 618
InventoryStatusReportingDetailType [attribute] ... 618
InventoryStatusRequestDetail ... 619
InventoryStatusRequestDetailType [attribute] ... 621
InventoryStatusSummary ... 622
InventoryStatusType [attribute] ... 622
Invoice ... 623
InvoiceContextType [attribute] ... 624
InvoiceDate ... 624
InvoiceDeliveryInformation ... 626
InvoiceHeader ... 629
InvoiceLineAmount ... 631
InvoiceLineBaseAmount ... 631
InvoiceLineBaseAmountInformation ... 632
InvoiceLineItem ... 633
InvoiceLineNumber ... 636
InvoiceNumber ... 636
InvoiceNumberMax ... 637
InvoiceNumberMin ... 637
InvoiceNumberRange ... 637
InvoicePrimaryStatus ... 637
InvoiceProductGroup ... 638
InvoiceReference ... 638
InvoiceReferenceType [attribute] ... 639
InvoiceSecondaryStatus ... 639
InvoiceShipment ... 639
InvoiceStatusCode [attribute] ... 640
InvoiceSummary ... 641
InvoiceType [attribute] ... 643
InvoiceWood ... 645
InvoiceWoodHeader ... 647
InvoiceWoodLineItem ... 650
InvoiceWoodSummary ... 654
IsAverageValue [attribute] ... 656
IsBindingHandSeparation [attribute] ... 656

IsBoxed [attribute] 656
IsCountryAllowed [attribute] 657
IsDeadEndRoad [attribute] 657
IsEaselBound [attribute] 657
IsFinalInvoice [attribute] 657
IsForestWoodReject [attribute] 658
IsHalftones [attribute] 658
IsLineCuts [attribute] 658
ISOCountryCode [attribute] 658
ISOCountryCodeAlfa3 [attribute] 658
ISOCountryCodeNumeric [attribute] 658
IsOptionalDestination [attribute] 659
IsPalletized [attribute] 659
IsPartialIndicator [attribute] 659
IsPartialPalletsAllowed [attribute] 659
IsRFTagRequired [attribute] 660
IsRouteAsInstructed [attribute] 660
IsSlotManaged [attribute] 660
IssueOrEventID 660
IsThirdPartyAdvice [attribute] 660
IsThirdPartyShipment [attribute] 661
IsTotal [attribute] 661
IsTradeRegionAvailable [attribute] 661
IsVehicleTourComplete [attribute] 661
IsWithLoad [attribute] 661
ItemCount 662
ItemDetails 662
ItemInfo 664
ItemInformation 665
ItemisedUsageLineItem 666
ItemMeasuringInfo 667
ItemReference 668
ItemReferenceType [attribute] 668
ItemsPerPallet 669
ItemsPerTier 669
ItemType [attribute] 669
JewelBox 670
JewelBoxType [attribute] 671
JobCode 671
JobDateTimeRange 672
JobDescription 672
JobID 672
JobInformation 672
Joining 673
JoiningType [attribute] 673
L 674
Lab 675
LabelBrandName 676
LabelCharacteristics 676
LabelOrientation [attribute] 677
LabelPosition 677
LabelStock 677
LabelStockCharacteristics 678
LabelStockLayer 678
LabelStockLayerNumber 679
LabelStockLayerType 679
LabelStyle 679
Language [attribute] 679
LargeEndDiameter 680

LastDateOfChange 680
Latitude 680
LayerMaterial 681
LayerMaterialName 681
LayersPerUnit 681
LegStageType [attribute] 681
Length 682
Length 683
Length 683
LengthCategory 684
LengthCutDescription 684
LengthCutType [attribute] 684
LengthFromCore 685
LengthSpecification 685
LengthType [attribute] 686
LicenceNumber 686
LightScattering 687
LineCuts 688
LineBaseAmount 688
LineItemSubTotal 689
LoadAvailable 689
LoadAvailableConfirmationIssuedDate 690
LoadAvailableHeader 692
LoadAvailableHeaderStatusType [attribute] 694
LoadAvailableInformation 695
LoadAvailableIssuedDate 696
LoadAvailableLineItem 697
LoadAvailableLineItemNumber 699
LoadAvailableLineItemStatusType [attribute] 699
LoadAvailableNumber 700
LoadAvailableReference 700
LoadAvailableReferenceType [attribute] 700
LoadAvailableStatusType [attribute] 701
LoadAvailableSummary 701
LoadAvailableType [attribute] 702
LoadingTolerance [attribute] 702
LoadNumber 702
LoadOpeningSide [attribute] 703
LoadReleaseNumber 703
LoadTender 704
LoadTenderAmount 705
LoadTenderHeader 706
LoadTenderHeaderStatusType [attribute] 708
LoadTenderIssueDate 708
LoadTenderLineItem 709
LoadTenderLineItemAmount 711
LoadTenderLineItemBaseAmountInformation 711
LoadTenderLineItemNumber 711
LoadTenderNumber 711
LoadTenderReference 712
LoadTenderReferenceType [attribute] 712
LoadTenderResponse 713
LoadTenderResponseHeader 715
LoadTenderResponseHeaderStatusType [attribute] 717
LoadTenderResponseIssueDate 718
LoadTenderResponseLineItem 719
LoadTenderResponseLineItemNumber 721
LoadTenderResponseNumber 721
LoadTenderResponseReference 721

LoadTenderResponseReferenceType [attribute] 722
LoadTenderResponseSegment 723
LoadTenderResponseSegmentDocumentStatus [attribute] 725
LoadTenderResponseSegmentNumber 726
LoadTenderResponseSegmentStatusType [attribute] 726
LoadTenderResponseStatusType [attribute] 726
LoadTenderResponseSummary 727
LoadTenderResponseType [attribute] 728
LoadTenderSegment 729
LoadTenderSegmentDocumentStatus [attribute] 731
LoadTenderSegmentNumber 731
LoadTenderSegmentStatusType [attribute] 731
LoadTenderStatusType [attribute] 732
LoadTenderSummary 732
LoadTenderType [attribute] 733
LocationCharacteristics 733
LocationCode 734
LocationIdentifier 734
LocationInfo 734
LocationInformation 735
LocationParty 736
LocationProperty 737
LocationQualifier [attribute] 738
LocationType [attribute] 739
LocationType [attribute] 739
Log 740
LogCharacteristics 740
LogConversionRule [attribute] 741
LogisticsRole [attribute] 742
LogLengthType [attribute] 742
LogPackagingCharacteristics 742
Longitude 743
LumberGrade 744
LumberSpecies 745
Luminance 746
Machine 747
MachineConditions 748
MachineDownTime 748
MachineID 749
MachineLocation 749
MachineSpeed 749
MachineStoppage [attribute] 750
Magenta 750
MailAttachment 751
MailAttachmentType [attribute] 751
MakeTo 751
ManufacturingProcess 752
ManufacturingProcessAgency [attribute] 752
ManufacturingProcessType [attribute] 753
ManufacturingSpecifications 755
MapAreaBorderType [attribute] 756
MapCoordinates 756
MapCoordinateType [attribute] 757
MapPoint 759
MapPointComment 760
MapPointDisplayType [attribute] 760
MapPointName 760
MapPointType [attribute] 760
MapReferenceSystem [attribute] 763

Margins ... 764
MasterReelWidth ... 764
MasterSource [attribute] ... 765
MasterStorageOption ... 766
MaterialCharacteristics ... 766
MaxCurrencyValue ... 768
MaximumClampingForce ... 768
MaximumGrossWeight ... 769
MaximumHeight ... 769
MaximumNumberOfJoins ... 770
MaximumOffcut ... 770
MaximumOrderQuantity ... 770
MeasurementModule ... 771
MeasurementsAre [attribute] ... 771
MeasurementSystem ... 771
MeasuringAgency [attribute] ... 771
MeasuringCode ... 772
MeasuringCodeInfo ... 773
MeasuringCodeType [attribute] ... 773
MeasuringComplete [attribute] ... 774
MeasuringDate ... 774
MeasuringDescription ... 775
MeasuringEquipment ... 775
MeasuringEquipmentCode ... 776
MeasuringInfoVersion ... 776
MeasuringInfoVersions [attribute] ... 776
MeasuringInfoInvoicingType [attribute] ... 777
MeasuringLineID ... 777
MeasuringLocation ... 777
MeasuringMethod [attribute] ... 778
MeasuringMethodType [attribute] ... 778
MeasuringNumber ... 778
MeasuringParty ... 779
MeasuringReference ... 779
MeasuringReferenceType [attribute] ... 780
MeasuringSpecification ... 781
MeasuringTicket ... 782
MeasuringTicketHeader ... 784
MeasuringTicketIssueDate ... 786
MeasuringTicketNumber ... 786
MeasuringTicketReason ... 787
MeasuringTicketReasonCode ... 787
MeasuringTicketReasonDescription ... 787
MeasuringTicketReference ... 788
MeasuringTicketReferenceType [attribute] ... 788
MeasuringTicketRequestDetail ... 789
MeasuringTicketRequestDetailType [attribute] ... 789
MeasuringTicketSequence ... 790
MeasuringTicketSequenceLineItem ... 793
MeasuringTicketSequenceLineItemNumber ... 795
MeasuringTicketSequenceNumber ... 795
MeasuringTicketStatusType [attribute] ... 795
MeasuringTicketSummary ... 796
MeasuringTicketType [attribute] ... 797
MeasuringType [attribute] ... 797
MeasuringUnitIdentifier ... 798
MeasuringUnitIdentifierType [attribute] ... 799
MechanicalMaterial ... 799
MechanicalMaterialCharacteristics ... 800

MechanicalMaterialDescription 800
Media 801
MediaLength 802
MediaType [attribute] 802
MerchantParty 803
Method [attribute] 803
MethodOfPayment 804
MillCharacteristics 804
MillJoinLocation 805
MillJoinNumber 805
MillOrderInformation 805
MillOrderLineItemNumber 806
MillOrderNumber 806
MillParty 806
MillProductionInformation 807
Millwork 807
MinCurrencyValue 808
MinimumOrderQuantity 808
Minutes 808
MixedProductPalletIndicator [attribute] 808
MixProductIndicator [attribute] 809
MobilePhone 809
ModulusElasticity [attribute] 809
Moisture 810
MoistureContent 811
MoistureContentPercentage [attribute] 811
MonetaryAdjustment 813
MonetaryAdjustmentAmount 815
MonetaryAdjustmentLine 815
MonetaryAdjustmentReference 815
MonetaryAdjustmentReferenceLine 816
MonetaryAdjustmentReferenceType [attribute] 816
MonetaryAdjustmentStartAmount 816
MonetaryAdjustmentStartQuantity 816
Month 817
Mullen 817
MWeight 818
Name1 819
Name2 819
Name3 819
NameAddress 820
NASTA [attribute] 822
NaturalWoodSiding 822
NaturalWoodSidingCharacteristics 823
NaturalWoodSiding-Other 825
NaturalWoodSiding-OtherCharacteristics 826
NetAmount 828
NetChargeAmount 828
NoiseReduction [attribute] 828
NonPressComponent 829
NonStandardPulp 829
NumberOfAttachments 830
NumberOfBands 830
NumberOfBindComponents 830
NumberOfColours 830
NumberOfComplaintLineItemDetail 830
NumberOfComplaintResponseLineItemDetail 830
NumberOfDocuments 830
NumberOfDocumentsRequired 831

NumberOfGoodsReceiptPackages 831
NumberOfHits 831
NumberOfHoles 831
NumberOfInventoryChangeLineItemDetails 831
NumberOfInventoryStatusLineItemDetails 831
NumberOfItemMeasuringInfo 831
NumberOfLabels 831
NumberOfMillJoins 832
NumberOfPackages 832
NumberOfPackingListItems 832
NumberOfPages 832
NumberOfPlies 832
NumberOfRibbons 832
NumberOfSides 832
NumberOfSignatures 833
NumberOfUncompletedMeasuredItems 833
NumberOfWraps 833
NumberOrderDocumentRequired 833
NumberPerProduct 833
NumericValue 834
OldInformationalQuantity 835
OldInventoryClass 836
OldQuantity 837
Opacity 839
OrderConfirmation 840
OrderConfirmationHeader 842
OrderConfirmationHeaderStatusType [attribute] 845
OrderConfirmationHeaderStatusTypeText 845
OrderConfirmationIssuedDate 846
OrderConfirmationLineItem 847
OrderConfirmationLineItemDocumentStatus [attribute] 851
OrderConfirmationLineItemDocumentStatus [attribute] 851
OrderConfirmationLineItemNumber 852
OrderConfirmationLineItemStatusType [attribute] 852
OrderConfirmationLineItemStatusTypeText 853
OrderConfirmationNumber 853
OrderConfirmationReference 853
OrderConfirmationReferenceType [attribute] 854
OrderConfirmationStatusType [attribute] 854
OrderConfirmationSummary 855
OrderConfirmationWood 857
OrderConfirmationWoodHeader 859
OrderConfirmationWoodLineItem 862
OrderConfirmationWoodProductGroup 866
OrderConfirmationWoodSummary 867
OrderContextType [attribute] 869
OrderDocumentRequired 869
OrderHeaderStatusType [attribute] 870
OrderLineItemDocumentStatus [attribute] 870
OrderLineItemStatusType [attribute] 871
OrderPrimaryStatus 871
OrderQuantities 871
OrderSecondaryStatus 872
OrderStatus 872
OrderStatusCode [attribute] 873
OrderStatusDetail 875
OrderStatusHeader 878
OrderStatusInformation 879
OrderStatusInformationDate 880

OrderStatusNumber 880
OrderStatusReference 880
OrderStatusReferenceType [attribute] 881
OrderStatusRequestDetail 882
OrderStatusRequestDetailType [attribute] 884
OrderStatusResponseDate 884
OrderStatusType [attribute] 885
OrderStatusType [attribute] 885
OrderTitle 885
OrderType [attribute] 885
OrderType [attribute] 886
OrderType [attribute] 887
OrganisationUnit 888
OrganisationUnitCode 888
OrganisationUnitName 888
OrganisationUnitType [attribute] 888
OrientationWithFaceWoodPanelGrain [attribute] 889
Original [attribute] 889
OtherDate 890
OtherParty 891
OtherProducts 892
OtherProductsCharacteristics 893
OtherProductsClass 893
OtherProductsClassType [attribute] 894
OtherProductsItemCodeInfo 894
OtherProductsItemType [attribute] 895
OtherProductsPackagingCharacteristics 897
OtherProductsProcessingCharacteristics 897
OtherProductsType [attribute] 897
OtherTreatment 898
Overlay 898
OverlaySide [attribute] 898
PackageAgency [attribute] 898
PackageCharacteristics 900
PackageCode 900
PackageIdentifier 900
PackageIDInformation 901
PackageInformation 902
PackageLevel [attribute] 905
PackageMeasuringInfo 905
PackageName 906
PackageReference 906
PackageReferenceType [attribute] 906
PackagesPerWrap 907
PackageType [attribute] 907
PackageType 908
Packaging 909
PackagingCharacteristics 909
PackagingCode 910
PackagingCodeInfo 911
PackagingCodeSpecification 911
PackagingDescription 912
PackagingInformation 912
PackingList 914
PackingListDate 915
PackingListHeader 916
PackingListItem 918
PackingListItemNumber 919
PackingListItemType [attribute] 920

PackingListNumber 920
PackingListReference 920
PackingListReferenceType [attribute] 921
PackingListStatusType [attribute] 921
PackingListSummary 921
PackingUnit 923
PackingUnitMeasurements 924
PackingUnitSerialNumber 924
PackingUnitType [attribute] 925
PagesPerSet 925
PagesPerSignature 925
Pagination 925
PalletAdditionsType [attribute] 925
PalletCharacteristics 926
PalletCoverType [attribute] 928
PalletHeight 928
PalletLedgeType [attribute] 929
PalletLength 929
PalletPackagingCharacteristics 930
PalletTopType [attribute] 931
PalletType [attribute] 932
PalletWidth 932
Paper 933
PaperCharacteristics 934
PaperSizeType 940
PartyIdentifier 940
PartyIdentifierType [attribute] 940
PartyType [attribute] 945
PasteDiameter 950
PatternProfile 951
PatternProfileAgency [attribute] 951
PatternProfileCode 952
PatternProfileType [attribute] 952
PerCarton 958
Perforated [attribute] 958
Perforation 958
PerforationType [attribute] 959
PeriodType [attribute] 959
Permeability 960
PerPallet 961
PerReam 961
PerTab 961
pH 962
PiecesPerRow 963
PlacementInOrderOfMatter 963
PlacementLocation [attribute] 964
PlacementReference [attribute] 964
PlacementSequence [attribute] 965
Planning 965
PlanningBucket 966
PlanningBucketStatusType [attribute] 967
PlanningDuration 968
PlanningHeader 968
PlanningIdentifier 969
PlanningInformation 970
PlanningIssueDate 970
PlanningLineItem 971
PlanningLineItemNumber 973
PlanningMessageNumber 973

PlanningOutcome 973
PlanningOutcomeBucket 975
PlanningOutcomeContextType [attribute] 976
PlanningOutcomeDetailBucket 976
PlanningOutcomePeriodType [attribute] 977
PlanningOutcomeType [attribute] 977
PlanningPeriodInfo 978
PlanningProcessType [attribute] 978
PlanningPropertyType [attribute] 979
PlanningPropertyValue 979
PlanningReference 980
PlanningReferenceInformation 980
PlanningReferenceType [attribute] 981
PlanningRequestDetail 981
PlasticMaterial 982
PlasticMaterialType [attribute] 982
PlasticPrinting [attribute] 983
PlasticPrintingDescription 983
Plate 983
PlateType 983
PlyAttributes 984
PlyBond 989
PlyNumber 990
PlySet 990
PlywoodLayupStructure 991
PlywoodMachining 991
PlywoodOSBGrade 992
PlywoodOSBSpecies 992
PlywoodPlyCharacteristics 993
PlywoodPlyGrade 993
PlywoodPlySet 993
Porosity 994
PositionInSheet 995
PositionMeasuredFrom [attribute] 995
PositionOnItem 996
PostalCode 996
PostConsumerWaste 997
PPI 998
PreConsumerWaste 999
PrepDueDate 1000
PrepInformation 1001
PrepNeededDate 1002
PrepReference 1002
PrepReferenceType [attribute] 1003
PrepShipDate 1003
PrepType [attribute] 1004
PressBreakLocation 1005
PressComponent 1005
PressConditions 1007
PressFormType 1007
PressImpositionType [attribute] 1008
PressPrep 1008
PressPrepInput 1008
PressPrepInputType 1009
PressPrepOutputType [attribute] 1010
PressType [attribute] 1010
PressureTreatment 1011
PressureTreatmentCompound 1012
PressureTreatmentComStdorUseCategory 1012

PressureTreatmentConcentration 1013
PriceAdjustment 1014
PriceAndAmountInfo 1014
PriceDetails 1015
PricePerUnit 1016
PriceQuantityBasis [attribute] 1017
PriceSpecification 1019
PriceTaxBasis [attribute] 1019
PrintedMediaSpecs 1020
PrintingMaterials 1021
PrintParameters 1022
PrintType [attribute] 1022
PrintUnit 1024
PrintUnitNumber 1024
PrintUnitType [attribute] 1024
PriorityOrder [attribute] 1025
ProcessingCode 1025
ProcessingCodeInfo 1025
ProcessingCodeSpecification 1026
ProcessingDescription 1026
Product 1027
ProductAttributes 1029
ProductAttributesHeader 1030
ProductAttributesIssueDate 1032
ProductAttributesLineItem 1033
ProductAttributesLineItemStatusType [attribute] 1035
ProductAttributesNumber 1035
ProductAttributesProductURL 1036
ProductAttributesReference 1036
ProductAttributesReferenceType [attribute] 1036
ProductAttributesRequestDetail 1037
ProductAttributesRequestDetailType [attribute] 1038
ProductAttributesStatusType [attribute] 1038
ProductAttributesType [attribute] 1038
ProductBasisSizeType [attribute] 1039
ProductDescription 1040
ProductGroupID 1040
ProductGroupIDType [attribute] 1040
ProductGroupSummary 1041
ProductIdentification 1041
ProductIdentifier 1042
ProductIdentifierType [attribute] 1042
ProductionLastDateOfChange 1045
ProductionRunNumber 1045
ProductionStatus 1046
ProductionStatusType [attribute] 1046
ProductPackaging 1047
ProductPercentage 1048
ProductPerformance 1049
ProductPerformanceConcerns 1050
ProductPerformanceConditions 1051
ProductPerformanceDate 1051
ProductPerformanceHeader 1052
ProductPerformanceIssueDate 1053
ProductPerformanceLineItem 1054
ProductPerformanceLineItemNumber 1055
ProductPerformanceNumber 1056
ProductPerformanceReference 1056
ProductPerformanceReferenceType [attribute] 1056

ProductPerformanceStatusType [attribute] 1057
ProductPerformanceSummary 1057
ProductQuality 1058
ProductQualityHeader 1059
ProductQualityIssueDate 1061
ProductQualityMessageNumber 1061
ProductQualityPeriod 1062
ProductQualityPurchaseOrder 1065
ProductQualityReference 1067
ProductQualityReferenceType [attribute] 1068
ProductQualityRequestDetail 1068
ProductQualityRequestDetailType [attribute] 1069
ProductQualityShipment 1070
ProductQualityStatusType [attribute] 1072
ProductReference 1073
ProductReferenceType [attribute] 1073
ProductSummary 1074
ProductTradingRights 1074
ProofApprovalDate 1074
ProofDueDate 1075
ProofInformationalQuantity 1076
ProofType [attribute] 1077
PropertyAverageValue 1078
PropertyCode 1079
PropertyDescription 1080
PropertyType [attribute] 1080
PropertyValue 1091
Pulp 1092
PulpCharacteristics 1094
PulpConcernCode 1097
PulpConcernDescription 1097
PulpConcerns 1097
PulpingProcess [attribute] 1098
PulpUnitCharacteristics 1099
PunchedHoleDetails 1100
PurchaseOrder 1101
PurchaseOrderDetail 1102
PurchaseOrderHeader 1104
PurchaseOrderHeaderStatusType [attribute] 1106
PurchaseOrderInformation 1107
PurchaseOrderIssuedDate 1108
PurchaseOrderLineItem 1109
PurchaseOrderLineItemDocumentStatus [attribute] 1113
PurchaseOrderLineItemNumber 1113
PurchaseOrderLineItemStatusType [attribute] 1113
PurchaseOrderNumber 1113
PurchaseOrderReference 1114
PurchaseOrderReferenceType [attribute] 1114
PurchaseOrderReleaseNumber 1114
PurchaseOrderStatusType [attribute] 1115
PurchaseOrderSummary 1115
PurchaseOrderType [attribute] 1116
PurchaseOrderWood 1117
PurchaseOrderWoodHeader 1119
PurchaseOrderWoodLineItem 1122
PurchaseOrderWoodProductGroup 1126
PurchaseOrderWoodSummary 1127
Quantity 1129
QuantityByProperty 1130

QuantityDeviation....1131
QuantityInformation....1131
QuantityInUnit....1132
QuantityOrderedInformation....1132
QuantityType [attribute]....1133
QuantityTypeContext [attribute]....1135
QuantityValue....1139
QuoteInCurrency....1140
RangeMax....1140
RangeMin....1140
RawMaterialSet....1141
ReamItem....1141
ReamType....1142
ReamWeight....1143
ReasonCode [attribute]....1143
ReasonDescription....1143
ReceiverParty....1144
RecoveredPaper....1145
RecoveredPaperAttributes....1145
Recycled....1146
RecycledCharacteristics....1147
RecycledRequired [attribute]....1147
Red....1148
Reel....1148
ReelArm....1149
ReelBreakDiameter....1149
ReelConversionCharacteristics....1150
ReelDiameter....1151
ReelItem....1152
ReelLength....1153
ReelPackagingCharacteristics....1154
ReelsPerPack....1155
ReelStandUnit....1156
ReelWidth....1156
referenceType [simple type]....1156
Reissued [attribute]....1173
RelativeLocation [attribute]....1173
RemitToParty....1173
RequestedAction....1174
RequestingParty....1174
RequestNumber....1175
Resistance....1175
ResourceAvailability....1176
ResourceCharacteristics....1177
ResourceDescription....1178
ResourceIdentifier....1178
ResourceIdentifierType [attribute]....1179
ResourceIDInfo....1180
ResourceInformation....1181
ResourceInformationIssueDate....1181
ResourceInformationNumber....1182
ResourceIntroductionDate....1182
ResourcePropertyValue....1182
ResourceReference....1183
ResourceReferenceIDInfo....1184
ResourceReferenceIDType [attribute]....1184
ResourceReferenceType [attribute]....1184
ResourceShiftCode....1185
ResourceShiftDescription....1185

ResourceShiftInformation 1185
ResourceTypeCode 1186
ResourceTypeDescription 1186
RespondByDate 1186
RespondToParty 1187
ResultSource [attribute] 1187
ReturnReason 1188
ReturnReasonCode 1189
ReturnReasonDescription 1189
ReturnType [attribute] 1189
RewoundIndicator [attribute] 1189
RFQ 1190
RFQHeader 1191
RFQHeaderStatusType [attribute] 1193
RFQInformation 1194
RFQIssuedDate 1194
RFQLineItem 1195
RFQLineItemDocumentStatus [attribute] 1198
RFQLineItemNumber 1198
RFQLineItemStatusType [attribute] 1198
RFQNumber 1198
RFQReference 1199
RFQReferenceType [attribute] 1199
RFQRespondByDate 1199
RFQResponse 1200
RFQResponseHeader 1202
RFQResponseHeaderStatusType [attribute] 1204
RFQResponseHeaderStatusTypeText 1205
RFQResponseIssuedDate 1205
RFQResponseLineItem 1206
RFQResponseLineItemDocumentStatus [attribute] 1209
RFQResponseLineItemPriceDetail 1209
RFQResponseLineItemStatusType [attribute] 1210
RFQResponseLineItemStatusTypeText 1210
RFQResponseNumber 1210
RFQResponseReference 1211
RFQResponseReferenceType [attribute] 1211
RFQResponseStatusType [attribute] 1212
RFQResponseSummary 1213
RFQResponseValidityDate 1215
RFQStatusType [attribute] 1215
RFQSummary 1216
RFQType [attribute] 1216
RGB 1217
Ribbon 1218
RibbonExposure 1218
RibbonFacingType [attribute] 1218
RibbonMaterialCharacteristics 1219
RingCrush 1220
RoadAccessibilityType [attribute] 1221
RoadAvailability 1221
RoadBearingCapacity 1222
RoadBearingCapacityType [attribute] 1222
RoadCharacteristics 1224
RoadClassification 1225
RoadClassificationCode 1226
RoadClassificationDescription 1226
RoadKeeperType [attribute] 1226
RoadMaintenanceCodeInfo 1227

RoadMaintenanceInfo....1227
RoadName....1228
RoadNumber....1228
RoadObstruction....1229
RoadObstructionType [attribute]....1230
RoadOwnerType [attribute]....1231
RoadPassingPossibility [attribute]....1231
RoadSlopePercent....1231
RoadTurningPointType [attribute]....1231
RoadTurningPossibilityType [attribute]....1231
Roof....1232
RoofingSidingDeckingFencing....1232
RoofPackage....1233
RoofPanel....1233
RoofTruss....1233
Roughness....1234
RoundCornered [attribute]....1235
Route....1236
RouteComment....1237
RouteDefinition....1238
RouteDefinitionFormat [attribute]....1238
RouteLeg....1238
RouteLegLength....1239
RouteLegName....1240
RouteLegNumber....1240
RouteLength....1240
RouteName....1241
RouteReference....1241
RouteReferenceType [attribute]....1242
RouteSeasonType [attribute]....1242
RouteType [attribute]....1242
RowsPerUnit....1243
RunnabilityIndex....1244
SafetyAndEnvironmentalCertification....1245
SafetyAndEnvironmentalInformation....1246
SafetyAndEnvironmentalType [attribute]....1247
SalesOfficeParty....1250
SampleSize....1250
SampleType [attribute]....1251
Saturation....1252
Sawdust....1253
ScaleHouseID....1254
ScaleHouseIn....1254
ScaleHouseInfo....1255
ScaleHouseName....1256
ScaleHouseOut....1256
ScaleHouseTicketNumber....1257
ScalerID....1257
ScalerName....1257
ScaleTicket....1258
ScaleTicketAcceptance [attribute]....1259
ScaleTicketHeader....1260
ScaleTicketIssueDate....1262
ScaleTicketLineItem....1263
ScaleTicketLineNumber....1264
ScaleTicketNumber....1264
ScaleTicketReference....1264
ScaleTicketReferenceType [attribute]....1265
ScaleTicketRejectedType [attribute]....1265

ScaleTicketStatusType [attribute] 1266
ScaleTicketSummary 1267
Scored [attribute] 1267
Screened [attribute] 1268
Seasoning 1268
SeasoningType [attribute] 1268
Secure [attribute] 1269
SenderParty 1269
SenderProductAttributesDescription 1270
SenderProductAttributesIdentifier 1270
SenderProductAttributesName 1270
SequenceNumber 1271
ServiceLevel 1271
ServiceLevelContextType [attribute] 1271
ServiceLevelReference 1272
ServiceLevelReferenceType [attribute] 1272
ServiceLevelText 1272
ShapeOfHole [attribute] 1272
SetNumber 1273
SetPosition 1273
ShapeOfHole [attribute] 1273
Sheet 1273
SheetConcern 1274
SheetConcernCode 1274
SheetConcernDescription 1275
SheetConcernType [attribute] 1275
SheetConversionCharacteristics 1276
SheetCount 1277
SheetCountMethodType [attribute] 1278
SheeterConcerns 1278
SheeterConditions 1279
SheetItem 1279
SheetPackagingCharacteristics 1281
SheetSize 1282
ShellColour 1283
ShellType [attribute] 1283
ShipFromCharacteristics 1283
ShipFromParty 1284
ShipmentComplete [attribute] 1285
ShipmentDetails 1285
ShipmentDetailsType [attribute] 1286
ShipmentEventDate 1286
ShipmentEventDuration 1287
ShipmentEventIdentifier 1287
ShipmentEventInformation 1288
ShipmentEventQualifierType [attribute] 1289
ShipmentEventReference 1290
ShipmentEventReferenceType [attribute] 1290
ShipmentEventStatusType [attribute] 1291
ShipmentEventType [attribute] 1291
ShipmentID 1291
ShipmentIDType [attribute] 1292
ShipmentIncident 1292
ShipmentIncidentAccountability 1293
ShipmentIncidentCategory 1294
ShipmentIncidentCause 1294
ShipmentIncidentCode 1296
ShipmentIncidentDate 1296
ShipmentIncidentPartOfSupplyChain 1297

ShipmentLoadDetails 1298
ShipmentMethodOfPayment 1300
ShipmentStatus 1300
ShipmentStatusDate 1301
ShipmentStatusDescription 1301
ShipmentStatusHeader 1302
ShipmentStatusIdentifier 1303
ShipmentStatusIssueDate 1303
ShipmentStatusNumber 1304
ShipmentStatusReference 1304
ShipmentStatusReferenceType [attribute] 1304
ShipmentStatusRequestDetail 1305
ShipmentStatusSearchReference 1306
ShipmentStatusSearchReferenceType [attribute] 1306
ShipmentStatusShipment 1307
ShipmentStatusType [attribute] 1308
ShipmentSummary 1309
ShippingInstructions 1310
ShippingInstructionsConfirmationIssuedDate 1311
ShippingInstructionsHeader 1312
ShippingInstructionsHeaderStatusType [attribute] 1313
ShippingInstructionsInformation 1314
ShippingInstructionsIssuedDate 1315
ShippingInstructionsLineItemByProduct 1316
ShippingInstructionsLineItemByShipTo 1318
ShippingInstructionsLineItemNumber 1319
ShippingInstructionsLineItemStatusType [attribute] 1320
ShippingInstructionsNumber 1320
ShippingInstructionsPurchaseOrderLineItem 1320
ShippingInstructionsReference 1321
ShippingInstructionsReferenceType [attribute] 1322
ShippingInstructionsRequestDetail 1322
ShippingInstructionsStatusType [attribute] 1323
ShippingInstructionsSummary 1324
ShippingInstructionsType [attribute] 1324
ShippingMark 1325
ShipToCharacteristics 1325
ShipToInformation 1326
ShipToParty 1327
ShowThrough 1328
Side 1329
SideOneTime 1330
SideTwoTime 1330
SignatureID 1330
Signatures 1330
SingleWidthReel 1330
SingleWidthReelConversionCharacteristics 1331
SizeOfHolePunch 1332
Sizing 1333
Sleeve 1334
SleeveInsertType 1334
Slide 1335
SlideContainerDescription 1336
SlideContainerMail 1336
SlideMailerSizeDescription 1336
SlideMountCaptions [attribute] 1337
SlideMountDescription 1337
SlideMountMaterial 1337
SlideMountNumbering [attribute] 1337

SlidesPerPage 1337
SlitReel 1338
SlitReelLineNumber 1338
SlitReelOrderQuantity 1339
SlitReelReference 1340
SlitReelReferenceType [attribute] 1340
SlitReelsInSet 1340
SlitReelWidth 1341
Slurry 1341
SmallEndDiameter 1342
Smoothness 1343
SoftwoodLumber 1344
SoftwoodLumberCharacteristics 1345
SoftwoodPlywood 1348
SpanRating 1350
SpecAssembly 1351
SpecAssemblyType [attribute] 1352
SpecBinding 1353
SpecComponent 1356
SpecGeneral 1358
SpecGroupingID 1360
SpeciesAgency [attribute] 1360
SpeciesCode 1360
SpeciesOrigin [attribute] 1360
SpeciesType [attribute] 1361
SpecificationNumber 1366
SpecInformation 1366
SpecIssueDate 1367
SpecPacking 1368
SpecReference 1369
SpecReferenceType [attribute] 1369
SpecStatusType [attribute] 1369
SpecType [attribute] 1370
SpecVersion 1370
SpeedType [attribute] 1371
SpineLabel [attribute] 1371
SpineLabel [attribute] 1371
SpineSize 1371
StackingMethod 1371
StacksPerPallet 1371
StandardDeviation 1372
StandardSpacing 1372
StartIdentifierRange 1372
Statement 1373
StatementDetail 1374
StatementHeader 1376
StatementInformation 1377
StatementNumber 1378
StatementRequestDetail 1378
StatementRequestType [attribute] 1379
StatementResponseDate 1379
StatementType [attribute] 1380
StateOrProvince 1380
StateOrProvince [attribute] 1380
StatisticalGoodsInformation 1380
Status [attribute] 1381
StatusAsOfDate 1381
StencilCharacteristics 1382
StencilContent [attribute] 1383

StencilFormat [attribute] 1385
StencilInkType [attribute] 1385
StencilLocation [attribute] 1386
StencilText 1386
StencilType [attribute] 1386
Stiffness 1387
StopOffInformation 1388
StrengthGroup 1388
Stretch 1389
SubClassification 1390
SubClassificationCode 1390
SupersType [attribute] 1391
Supplemental 1391
SupplementalSpecification [attribute] 1391
SuppliedComponentFinishSpecs 1392
SuppliedComponentInformation 1393
SuppliedComponentReference 1395
SuppliedComponentReferenceType [attribute] 1395
SuppliedComponentType [attribute] 1395
SupplierCustomsReference 1396
SupplierCustomsReferenceType [attribute] 1396
SupplierMarks 1396
SupplierOrderLineItemNumber 1397
SupplierOrderNumber 1397
SupplierParty 1397
SupplyPoint 1398
SupplyPointCharacteristics 1398
SupplyPointCode 1399
SupplyPointDescription 1399
SupplyPointProperty 1399
SupplyPointPropertyCode 1400
SupplyPointPropertyCodeValue 1400
SupplyPointPropertyDescription 1401
Surface 1401
SurfaceStrength 1402
SurfaceType [attribute] 1403
Tabs [attribute] 1403
TambourID 1404
TapeDescription 1404
TargetMoisture 1404
TargetProductWeight 1404
TargetSolidsContent 1405
TaxAdjustment 1406
TaxAmount 1407
TaxCategoryType [attribute] 1407
TaxLocation 1407
TaxPercent 1407
TaxStatement 1408
TaxStatementCode 1408
TaxStatementDescription 1408
TaxType [attribute] 1409
TEA 1410
Tear 1411
TearIndex 1413
TearStripType [attribute] 1414
Telephone 1414
Tensile 1415
TensileIndex 1416
Tension 1417

TermsAndDisclaimers....1418
TermsBasisDate....1418
TermsBasisDateType [attribute]....1419
TermsDescription....1420
TermsDiscountDaysDue....1420
TermsDiscountDueDate....1420
TermsDiscountPercent....1421
TermsInformation....1421
TermsInterestPenaltyPercent....1422
TermsNetDaysDue....1422
TermsNetDueDate....1422
TermsOfChartering....1423
TermsOfCharteringType [attribute]....1423
TermsOfDelivery....1423
TermsOfPayment....1425
TermsOfPaymentCode....1426
TestAgency [attribute]....1426
TestMethod [attribute]....1427
TextValue....1427
Thickness....1428
Thickness....1429
Thumb....1429
TiersPerPallet....1430
TimberCharacteristics....1430
Time....1430
TimePeriod....1431
TimeSlot....1432
TimeSlotAvailability [attribute]....1432
TimeSlotCharacteristics....1432
TimeSlotInformation....1433
To....1434
ToProduct....1434
TopSide [attribute]....1435
TotalAdjustments....1436
TotalAmount....1436
TotalBlanketOrderValue....1436
TotalFASAmount....1437
TotalInformationalAmount....1437
TotalInformationalQuantity....1438
TotalNetAmount....1439
TotalNetOfTermsDiscount....1440
TotalNumberOfLineItems....1441
TotalNumberOfPackingListItems....1441
TotalNumberOfPackingListPackingUnits....1441
TotalNumberOfSequences....1441
TotalNumberOfShipments....1441
TotalNumberOfUnits....1441
TotalOldInformationalQuantity....1442
TotalOldQuantity....1444
TotalOpenAmount....1445
TotalPageCount....1445
TotalPaymentAmount....1445
TotalQuantity....1446
TotalQuantityInformation....1447
TotalRunningLength....1448
TotalSetNumbers....1449
TotalSetPositions....1449
TotalTaxAmount....1449
TotalTermsDiscountAmount....1449

TotalTermsDiscountAmountDue 1449
TotalTermsDiscountNetAmount 1450
TotalTermsDiscountNetAmountDue 1450
TotalTermsDiscountNetAmountTax 1450
TotalTermsDiscountTaxAmount 1451
TotalTime 1451
TrackingReferenceID 1451
TrackingReferenceIDType [attribute] 1452
TrackType [attribute] 1452
TradeRegion 1452
TransactionHistoryConfirmationNumber 1452
TransactionHistoryNumber 1453
TransportationComment 1453
TransportContextType [attribute] 1453
TransportDeckOption [attribute] 1453
TransportInformation 1454
TransportInstructionCode 1456
TransportInstructionText 1456
TransportInstructionType [attribute] 1456
TransportLoadingCharacteristics 1457
TransportLoadingCode 1458
TransportLoadingCodeDescription 1459
TransportLoadingText 1459
TransportLoadingType [attribute] 1459
TransportModeCharacteristics 1460
TransportModeCode 1460
TransportModeText 1461
TransportModeType [attribute] 1461
TransportOtherInstructions 1462
TransportPackageInformation 1463
TransportPropertyType [attribute] 1465
TransportPropertyValue 1466
TransportStatus 1467
TransportStatusIssueDate 1467
TransportUnitCapacity 1468
TransportUnitCharacteristics 1469
TransportUnitCode 1470
TransportUnitCount 1470
TransportUnitDetail 1471
TransportUnitDetailCode 1471
TransportUnitDetailType [attribute] 1472
TransportUnitEquipment 1474
TransportUnitEquipmentCode 1475
TransportUnitEquipmentDescription 1475
TransportUnitEquipmentType [attribute] 1476
TransportUnitHeight 1476
TransportUnitIdentifier 1477
TransportUnitIdentifierType [attribute] 1478
TransportUnitLength 1479
TransportUnitLevel [attribute] 1479
TransportUnitMeasurements 1480
TransportUnitText 1480
TransportUnitType [attribute] 1481
TransportUnitVariable [attribute] 1482
TransportUnitWeight 1482
TransportUnitWidth 1483
TransportUnloadingCharacteristics 1483
TransportUnloadingCode 1484
TransportUnloadingCodeDescription 1485

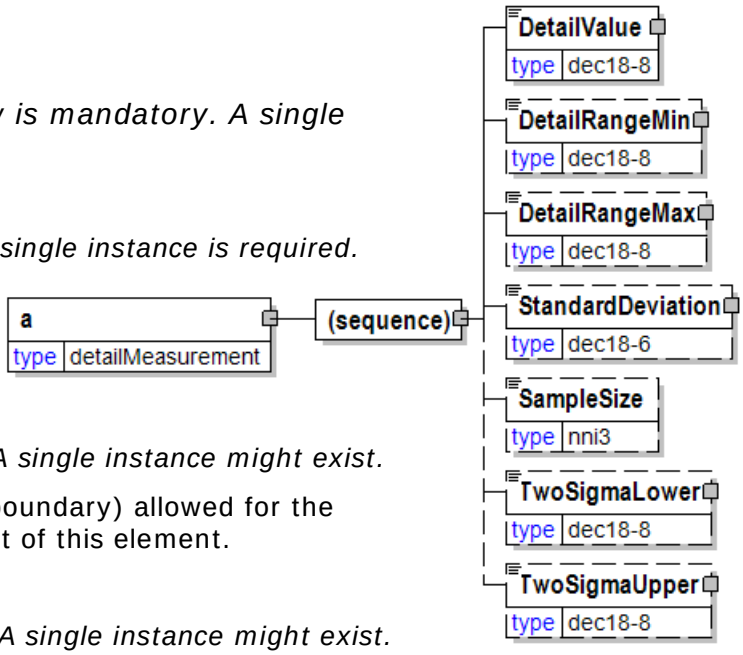
TransportUnloadingText 1485
TransportUnloadingType [attribute] 1485
TransportVehicleCharacteristics 1486
TransportVehicleCode 1487
TransportVehicleCount 1487
TransportVehicleEquipment 1488
TransportVehicleEquipmentCode 1488
TransportVehicleEquipmentDescription 1488
TransportVehicleHeight 1489
TransportVehicleIdentifier 1489
TransportVehicleIdentifierType [attribute] 1490
TransportVehicleLength 1491
TransportVehicleMeasurements 1492
TransportVehicleText 1492
TransportVehicleType [attribute] 1492
TransportVehicleWeight 1494
TransportVehicleWidth 1494
TrayColourType [attribute] 1495
TreeSpeciesGroup 1495
TreeSpeciesGroupCode 1495
TreeSpeciesGroupDescription 1496
Trim 1496
TrimmedOrderType 1496
TrimmedReel 1496
TrimmedReelConversionCharacteristics 1497
TrimSize 1498
TrimType [attribute] 1498
TwoSigmaLower 1499
TwoSigmaUpper 1499
UnCompletedMeasurement [attribute] 1499
UnevenSpacing 1499
UnitCharacteristics 1500
UnitDimension 1500
UnitItem 1501
UnitReference 1502
UnitReferenceType [attribute] 1503
UnitsPerCarton 1503
UOM [attribute] 1503
URL 1512
URLContext [attribute] 1512
Usage 1513
UsageHeader 1514
UsageHeaderReference 1515
UsageIssuedDate 1516
UsageLineItem 1517
UsageLineItemDetail 1518
UsageLineItemNumber 1519
UsageNumber 1519
UsageReference 1520
UsageReferenceType [attribute] 1520
UsageStatus [attribute] 1520
UsageStatusType [attribute] 1521
UsageSummary 1522
ValidityPeriod 1522
Value 1523
VarianceType [attribute] 1523
VersionDate 1523
VersionNumber 1524
VersionReason 1524

VideoCassette 1525
VideoCassetteCaseType [attribute] 1526
VideoFormatType [attribute] 1526
VirginFibre 1527
Viscosity 1528
Wall 1529
WallPackage 1529
WallPanel 1529
WasteImpressions 1530
WasteQuantity 1530
WasteType [attribute] 1530
Watermark 1531
WatermarkCode 1531
WatermarkDescription 1531
Webbing 1531
WebBreak 1532
WebBreakCause 1532
WebBreakCauseAgency [attribute] 1533
WebBreakCauseCode 1537
WebBreakCauseType [attribute] 1538
WebBreakDate 1539
WebBreakDescription 1539
WebBreaks 1539
WebBreakType [attribute] 1540
WebConcerns 1540
WebConfiguration 1540
Week 1540
Weight 1541
Whiteness 1542
Width 1543
Width 1544
Width 1545
WindingDirection 1545
WireCoating [attribute] 1546
WireGauge 1546
WireMaterial 1546
WithGrain [attribute] 1547
WoodBasedPanelGrade 1547
WoodItem 1548
WoodPanelChracteristics 1549
WoodPanelManufacturingMethod 1550
WoodPanelProducts 1551
WoodPanelSpecies 1552
WoodProducts 1553
WoodTimbersDimensionalLumberBoards 1554
Wrap 1555
WrapCharacteristics 1556
WrapLocation [attribute] 1556
WrapProperties [attribute] 1556
WrapType [attribute] 1557
Year 1557
Yellow 1558

Data Dictionary: papiNet Version 2.31

a

The “a” portion of the method of colour represented by L*a*b.



(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

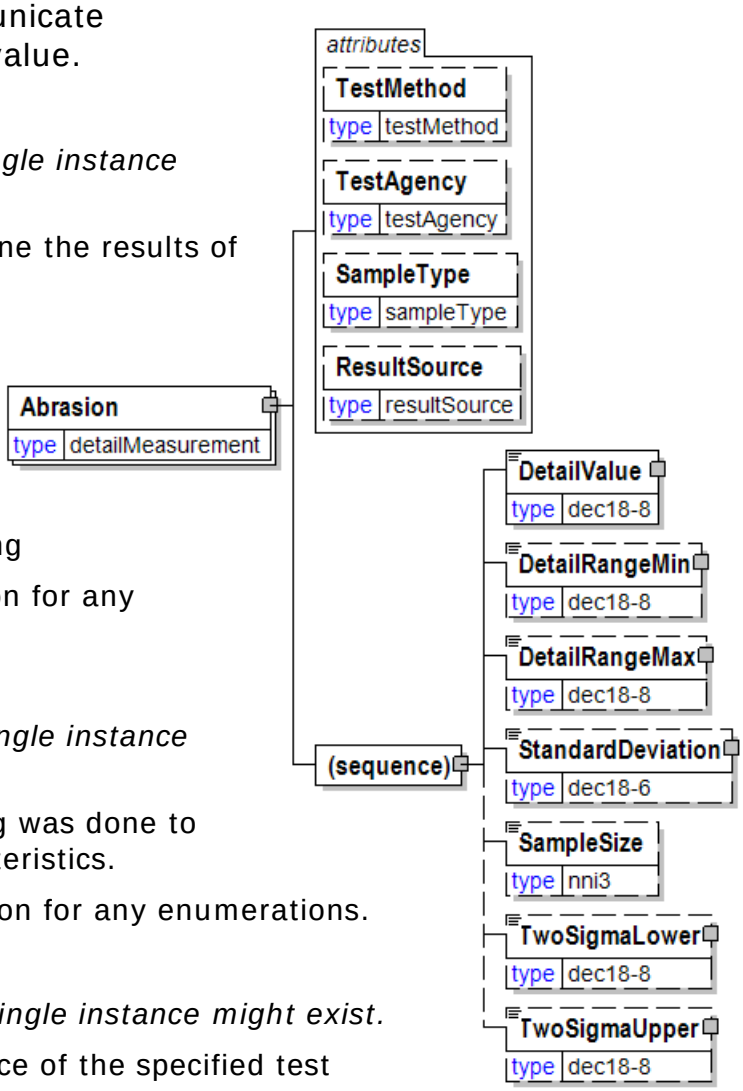
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

Abrasion

A group item used to communicate abrasion loss target or test value.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

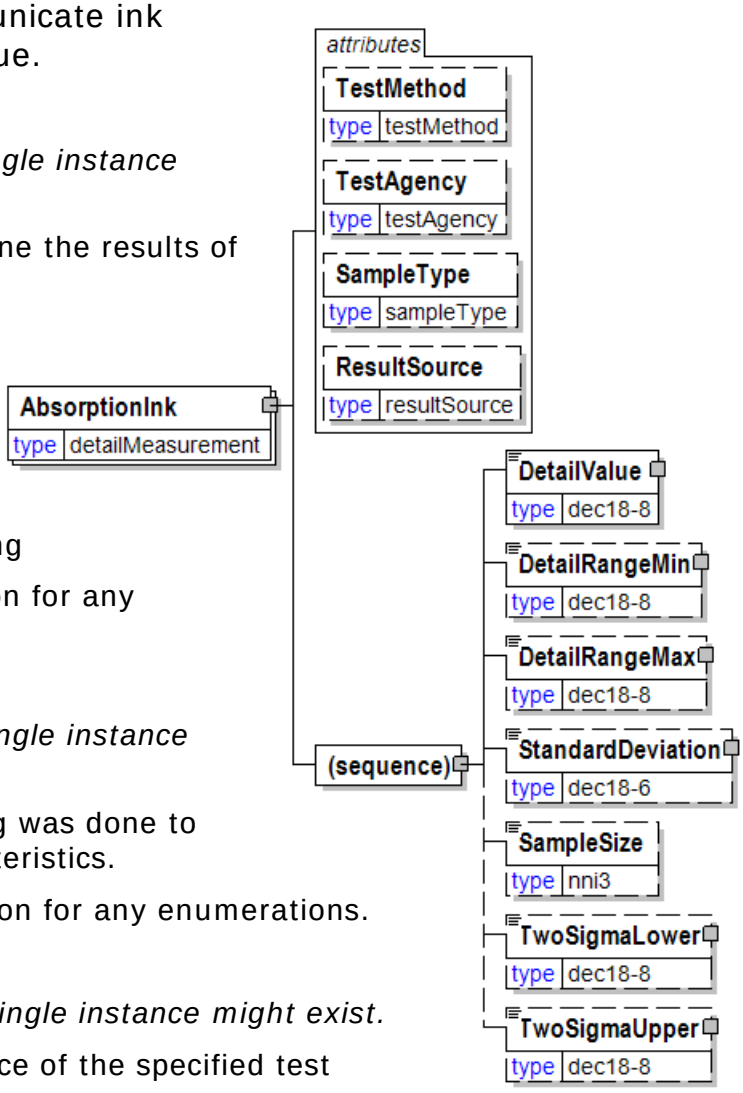
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

AbsorptionInk

A group item used to communicate ink absorption target or test value.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

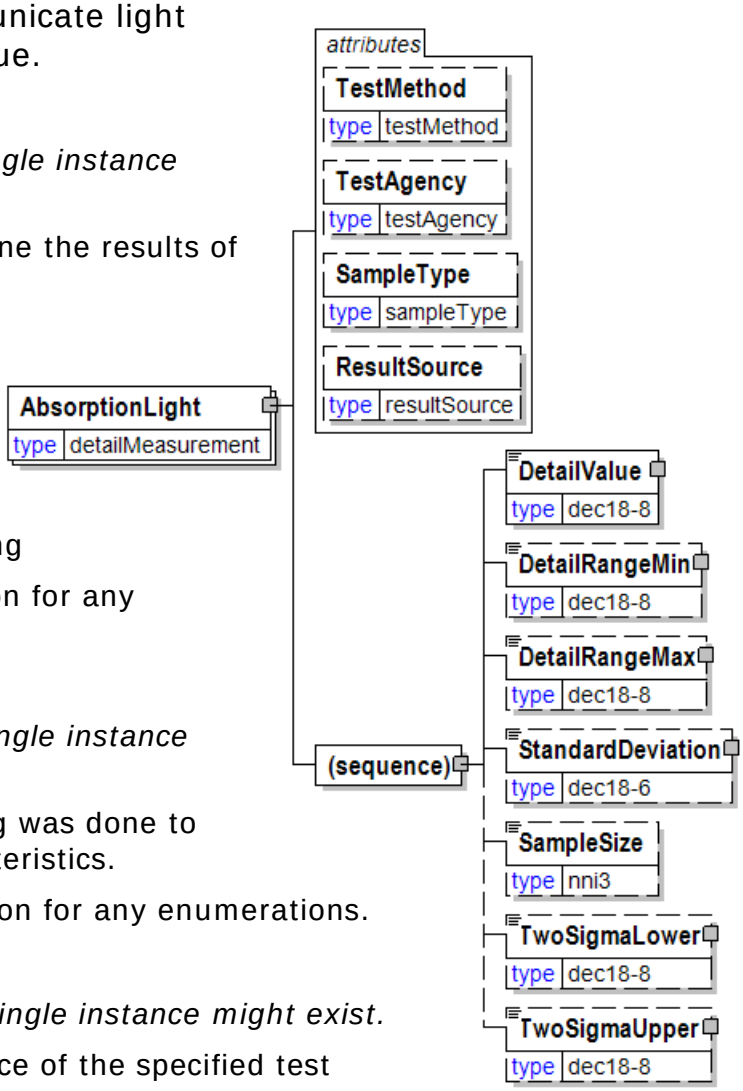
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

AbsorptionLight

A group item used to communicate light absorption target or test value.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

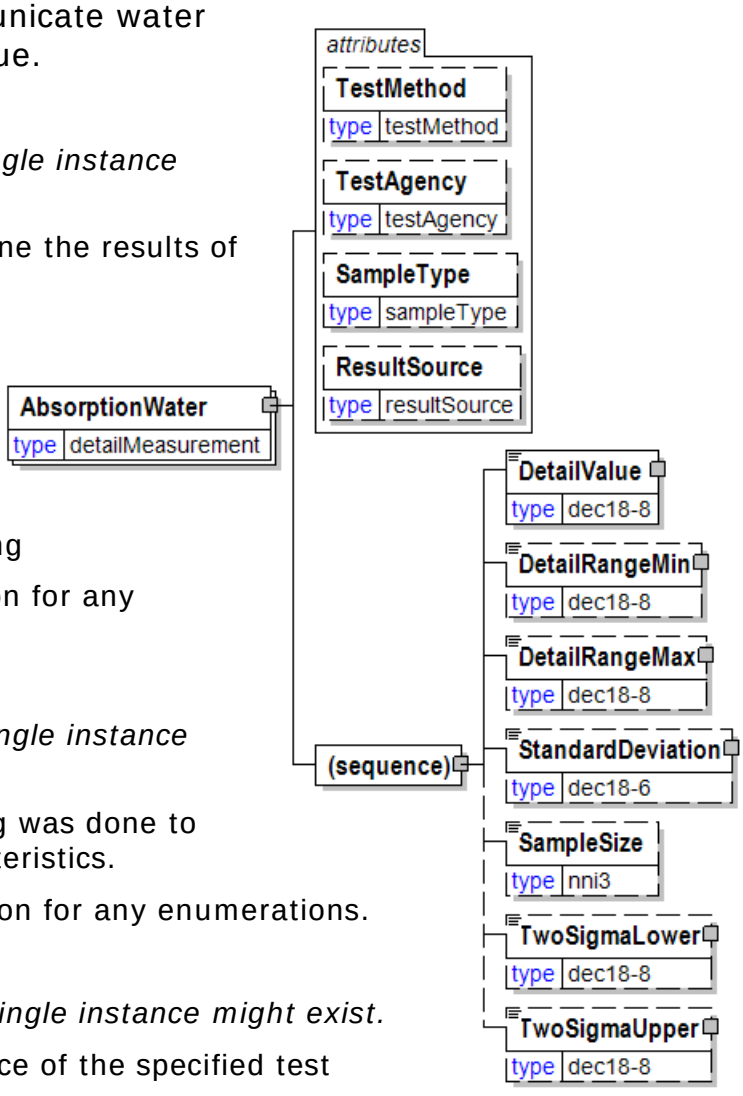
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

AbsorptionWater

A group item used to communicate water absorption target or test value.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

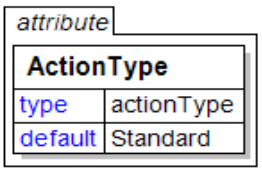
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

ActionType [attribute]

Used to trigger an action concerning the element to which it refers.



This item is restricted to the following list.

Special

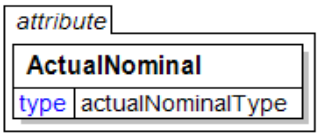
Specifies that an action is required.

Standard

Specifies that no action is required.

ActualNominal [attribute]

Indicates the measurement approach used to communicate the dimensions of the individual pieces.



This item is restricted to the following list.

Actual

The measurement approach is based on the actual dimensions of the piece.

Covering

The measurement approach is based on an overlay of the piece.

Modal

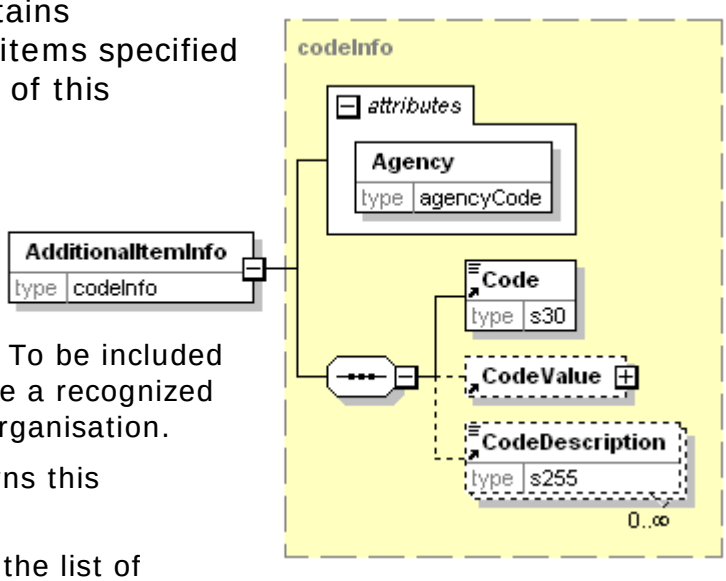
The measurement approach is based on statistical data.

Nominal

A stated value rather than the actual value.

AdditionalItemInfo

A grouping element that contains information about additional items specified by an agency. Restricted use of this element is recommended.



Agency [attribute]

Agency is mandatory. A single instance is required.

Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Code

Code is mandatory. A single instance is required.

Specifies a code that is defined by an agency. The agency is given for the whole construct containing the code.

CodeValue

CodeValue is optional. A single instance might exist.

A grouping element specifying a value belonging to a code that is defined by an agency.

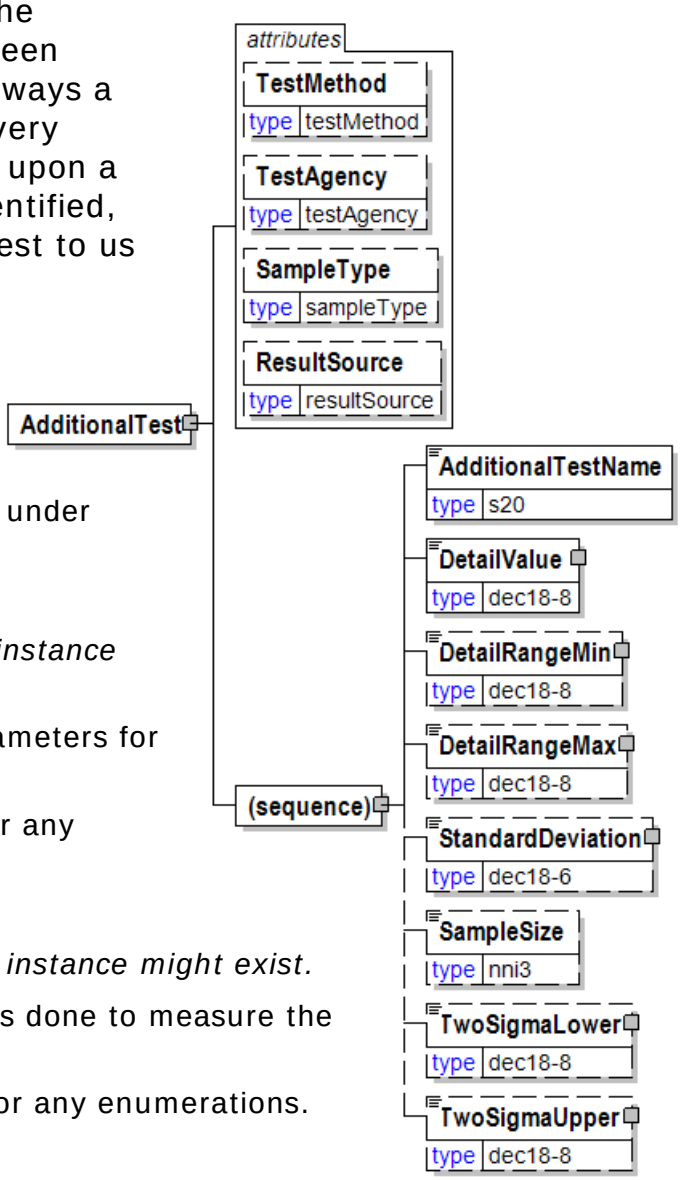
CodeDescription

CodeDescription is optional. Multiple instances might exist.

A textual description for the meaning of a code that is defined by an agency.

AdditionalTest

AdditionalTest exists to enable the inclusion of a test that has not been identified by papiNet.org. It is always a single-instance element so it is very important that users, who come upon a test that papiNet.org has not identified, communicate the need for this test to us at www.papiNet.org.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

AdditionalTestName

AdditionalTestName is mandatory. A single instance is required.

The name of the additional test being communicated in the product definition.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

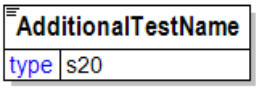
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

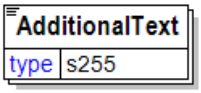
AdditionalTestName

The name of the additional test being communicated in the product definition.



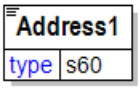
AdditionalText

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.



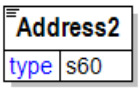
Address1

The primary-level address of an organisation or business entity (for example, street name, and number).



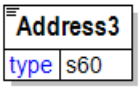
Address2

The second-level address of an organisation or business entity.



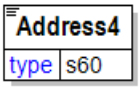
Address3

The third-level address of an organisation or business entity.



Address4

The fourth-level address of an organisation or business entity.



AddressRoleType

Specifies the role of an address.



This item is restricted to the following list.

Commercial

Address serves as a business location.

PostOfficeBox

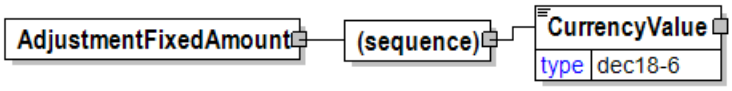
Address is a post office box.

Residential

Address serves as a residence.

AdjustmentFixedAmount

A fixed monetary amount, either negative or positive, that is the value of the adjustment being applied in an instance of the MonetaryAdjustment structure.



(sequence)

The sequence of items below is mandatory. A single instance is required.

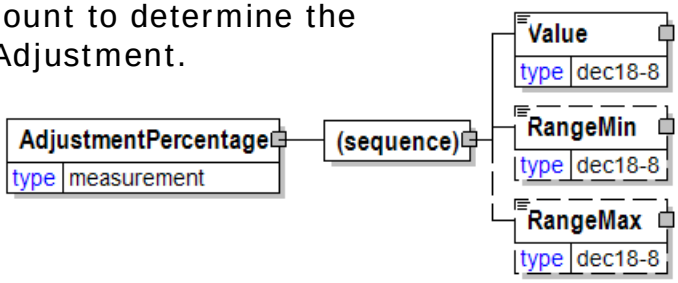
CurrencyValue

CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

AdjustmentPercentage

A percentage, either negative or positive, that is applied to either the price, or a starting amount to determine the value of the particular MonetaryAdjustment.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

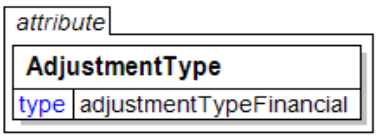
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

AdjustmentType (Financial) [attribute]

Describes the type of adjustment applied to a monetary oriented element. Adjustment values should always be given as negative or positive adjustments even if AdjustmentType indicates the sign. For example, a rebate of 1% on an Invoice should be given as an adjustment percentage of -1%.



This item is restricted to the following list.

BillOfLadingCharge

An extra charge for creating a Bill of Lading.

CancellationCharge

A charge applied because a cancellation was late (after the last date of change) and all or part of the ordered product has already been made.

CashDiscount

A reduction due to a discount applied.

CertificateCharge

An extra charge for creating a certificate. Some countries requires Certificates in which different characteristics of the delivery, transport unit, route, product, and others must be proved.

There are certificates for gasen pallets, for the place of production, for the age

of the ship/vessel, for not departing from one country's harbour when delivering to another.

ChargesForward

A pending Invoice amount brought forward from a previous Invoice.

ClaimAdjustment

An adjustment related to a filed complaint.

Commission

Commission costs paid to the trading agency or trader.

CompetitiveAllowance

An allowance provided for competitive reasons.

CongestionCharge

An extra fee from ports for waiting time of ships in ports, railcars on a siding, trucks at a dock. (Synonym: Demurrage.)

ConsigneeUnloadCharge

An unloading charge that is the responsibility of the consignee.

ContractAllowance

An allowance for a volume discount, usually because the agreed amount has been exceeded.

CurrencyAdjustmentCharge

An extra fee to adjust for currency variations.

DecimalRounding

Adjustments for rounding of amounts to fit the business agreement or national monetary legislation. This adjustment is typically used for decimal rounding of amounts not including tax.

N.B. Use InformationalAmount with AmountType "DecimalRounding" for specification of decimal rounding of amounts including tax.

DefectiveAllowance

An allowance provided for defective material.

DeliveryCharge

The charge for delivering the product.

DeliveryNonConformanceAllowance

An allowance due to non-conformance with the purchase agreement regarding a delivery.

DeliveryTimeBonus

A bonus given for deliveries of products within a certain time period.

EarlyShipAllowance

An allowance due to a delivery that took place earlier than planned. The seller may be charged a penalty. If this is found before issuing the Invoice, it can be handled through this allowance. If found later, it will be handled through a credit note.

EnergySurcharge

A charge related to increases in the cost of energy.

Environmental

An allowance applied due to environmental regulations.

ExpeditedShipmentCharge

An extra cost charged due to unexpected or emergency requirements (for example, breaking off a run in the mill to reach the production date for a rush order).

ExportClearanceCharge

An extra fee for customs administration.

FlatRateCharge

A general flat charge.

FreightAllowance

The freight cost allowed by the mill. This amount is negative, and will be deducted from the Invoice (U.S. business practice, in the European Union (EU), use only Freight Charge).

FreightCharge

The actual cost incurred to deliver the product. This amount is positive, and will be added to the Invoice.

FuelAdjustmentCharge

An extra fee, usually from shipping companies, to adjust fuel prices.

HandlingCharge

A charge related to the handling of the product.

Inspection

The cost associated with performing an inspection of the product.

InterestCharge

A charge applied for interest on overdue payments.

LabourAllowance

An allowance due to additional labour required in the use or acceptance of the product.

LabourCharge

A charge due to additional labour required in the use or acceptance of the product.

LoggingDamage

An adjustment caused by logging damages on Forest Wood products. Logging damages normally cause a reduction of the product price.

LotCharge

A charge applied to the lot of material.

MetalDetection

A charge for additional metal detection applied to the goods.

ModelHomeDiscount

A discount associated with the building of the model home.

NewStoreCouponDiscount

A discount associated with entry into a new store.

OrderQuantity

A charge or allowance for small/big ordered quantities.

PalletCharge

A charge that represents the cost or rental of the pallet.

PickUpAllowance

An allowance provided to compensate for the cost of picking up the product.

PromotionalAllowance

An allowance provided for the promotion of the product.

PromotionalCharge

A charge associated with the promotion of the product.

PriceCorrection

An adjustment associated with a correction of the product's price.

ProductionSetUpCharge

A special charge applied due to specific buyer requests.

Provision

The act of making ready or equipping for use.

Rebate

A rebate accepted by the buyer and seller based on the agreed price and volume.

ReelDiscount

An allowance for purchasing reels instead of sheets.

ReturnedLoadAllowance

An allowance applied due to the return of the load.

ReturnLoadCharge

A charge applied due to the return of the load.

RoadFeeCharge

A freight charge for a special tax applied to road transports in some countries, e.g. Germany

ScrapAndDunnageCharge

A charge that represents the scrapping of the material and its removal.

ServiceCharge

A charge associated with a miscellaneous service.

SpecialConversionCharge

Additional charge for a special conversion of the product.

SpecialDeliveryCharge

A special charge for delivering the product differently from the usual or agreed-to method.

SpecialHandlingCharge

A special charge for handling the product differently from the usual or agreed-to method.

SpecialPackagingCharge

A special charge for packaging the product differently from the usual or agreed-to method, or if packaging as requested is out of spec.

StopOffAllowance

An allowance for a delivery stop-off.

StopOffCharge

A charge for a delivery stop-off.

StorageAllowance

An allowance for storing the product.

StorageCharge

An extra cost charged for storing the product on location (in the plant).

Tax

An adjustment that reflects a tax item.

TestingCharge

A charge related to testing a paper grade.

TradeDiscount

A discount based on the terms of the trade given on the agreed price. Usually a percentage.

TrialDiscount

A discount applied for a trial run of a new or improved product.

TransferCharge

A freight charge incurred by the goods transfer from one location to another location not previously agreed upon.

UnloadingAllowance

An allowance to compensate for the unloading the product.

UnloadingCharge

A charge for the unloading the product.

VolumeDiscount

A rebate accepted by the buyer and the seller based on the agreed volume

WarRiskCharge

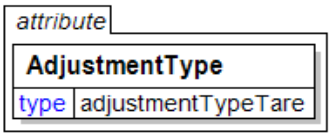
An extra fee from transport companies for transport units that cross war zones.

Other

Any other adjustment not covered by the attribute list.

AdjustmentType (Tare) [attribute]

Describes the type of adjustment associated with a quantity.



This item is restricted to the following list.

Advances

Product samples that are typically used by the Publisher sales people as product samples in the selling cycle.

Core

The adjustment is describing the core.

Ends

The volume of short pieces for calculation of the “ends discount”. In the timber business traditionally 'ends' refers to a time when ships were stowed tightly. Short timber pieces were used in this job and customers were given a discount because of the possible damage to these pieces. Today short lengths are in some cases sold for lower price because folks can't use these efficiently (short lengths are between 1.8 - 2.4 m).

Excess

The adjustment is describing a quantity that is the difference between the actual quantity and the contractual quantity. An Excess quantity can e.g. occur when actual dimensions are greater than contractual dimensions.

IncludesOverage

Quantity contains an amount over the order quantity for purposes of spoilage and contractual overproduction.

Example: PO to Printer/Binder has an order quantity of 10,000 and there is a supplied component for the cover under one of the line-items with a quantity of 10,800. Including the AdjustmentType attribute with a setting of IncludesOverage explains the difference in the order quantity for the book vs. the supplied component quantity.

IncludesPlannedOverProduction

The adjustment is describing a quantity that is a planned overrun production of the component or product.

MeasuringCorrection

The adjustment is describing a correction that is based on measuring statistics for populations of products.

None

Used to indicate that there is no adjustment. (Typically used in the scenario where trading partners always want to communicate an adjustment type

attribute.)

Pallet

The adjustment is describing the pallet.

QualityRejectsAndDeductions

The adjustment is describing a quantity consisting of rejects and other deductions from the product quantity.

Reduction

The adjustment is describing a quantity that is deducted from the actual quantity because of inappropriate content, e.g. a log pile containing snow, ice or logging residues.

Samples

Product samples that are sent to the buyer as an example of the production.

SchoolAdoption

The adjustment is describing text books that will be used by the school districts in that state.

Straps

The adjustment is describing the straps.

Total

The adjustment is describing the total adjustments.

Wrap

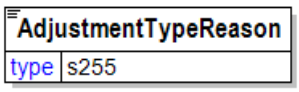
The weight adjustment value is the weight of the wrapper for a reel, the weight of a box for a box of reams, or the weight of any wrapping applied to a pallet.

WrapCore

The adjustment is describing the wrapping plus the core

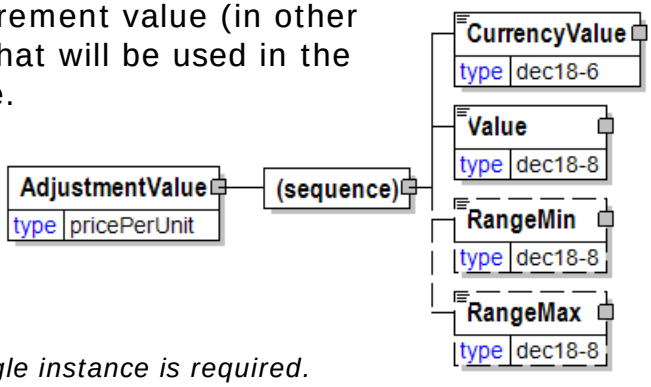
AdjustmentTypeReason

Provides additional information about the type of adjustment. Can be viewed as a sub-classification of the adjustment type attribute or as a textual explanation.



AdjustmentValue

A group element that contains a currency value, either positive or negative, and a measurement value (in other words a price per unit structure) that will be used in the price adjustment AdjustmentValue.



(sequence)

The sequence of items below is mandatory. A single instance is required.

CurrencyValue

CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

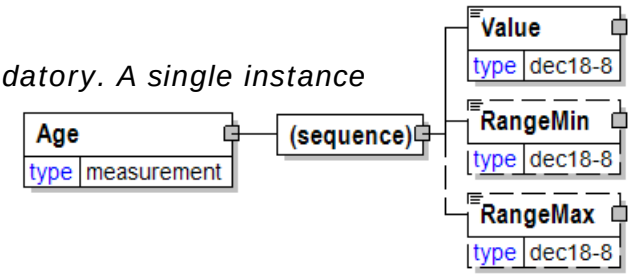
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

Age

Used to report the age of the wood.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

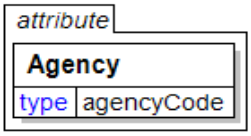
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the

parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

Agency [attribute]



Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

This item is restricted to the following list.

AFPA

American Forest and Paper Association.

AFNOR

AFNOR is an association specialized in standardization and certification in France. http://www.afnor.org/en

AmericanChemicalSociety

The American Chemical Society is a scientific society based in the United States that supports scientific inquiry in the field of chemistry. (www.acs.org)

ANSI

American National Standards Institute.

APPITA

Technical Association of the Australian and NZ Pulp and Paper Industry.

ASTM

ASTM International, known until 2001 as the American Society for Testing and Materials (ASTM), is an international standards organization that develops and publishes voluntary consensus technical standards for a wide range of materials, products, systems, and services. For example Winter Class diesel has to fulfil ASTM standards. (http://www.astm.org)

ATA

ATA (American Truckers Association)

BISAC

Book Industry Study Group

Bowker

The agency that issues the StandardAddressNumber (www.bowker.com).

BSI

British Standards Institute (refer to bsi-global.com for more information).

Buyer

The buyer has defined the codes used in the particular element of the

transaction. Care must be used when using this agency to assure that the recipient of the e-Document understands what is being communicated. (Not to be used for logistics buyer, see LogisticsBuyer.)

Carrier

The carrier has defined the codes used in the particular element of the transaction. Care must be used when using this agency to assure that the recipient of the e-Document understands what is being communicated.

CCTI

Composite Can and Tube Institute

CEN

European Committee for Standardisation (http://www.cen.eu)

CEPI

Confederation of European Paper Industries.

CoSe

Agency for the the wood processing industry. (www.commonsense.at)

Customs

Any customs agency.

DUNS

Dun & Bradstreet.

EAN

To be deprecated in next version. In 2005 the EAN organisation changed its name to GS1. Use GS1 instead. http://www.gs1.org/

ECTA-EPCA-CEFIC

European Chemical Transport Association, European Petrochemical Association, European Chemical Council. Information about the joint guidelines developed by these agencies can be found at www.ecta.be.

eMOBOIS

French Forest Wood Supply User Group managed by FCBA.

http://www.fcba.fr/catalogue/1ere-transformation-approvisionnement/actions-collectives/emobois-un-projet-qui-relie-les-entreprises-de-la-mobilisation-et-de-lapprovisionnement-des

EndUser

The end-user has defined the codes used in the particular element of the transaction. Care must be used when using this agency to assure that the recipient of the e-Document understands what is being communicated.

EU

European Union

FINFO

Article numbering agency and system in some Nordic countries for all building products. (www.finfo.se)

Forwarder

The OtherParty indicated by party type “Forwarder” or when communicating OrderStatus the party indicated by ForwarderParty.

FSC

Forest Stewardship Council

GCA

Graphic Communications Association. (This agency now calls itself IDEAlliance.)

GCA-CCTI

The GCA and CCTI combined coding

GOST

Russian federal agency on technical regulating and metrology. (http://www.gost.ru)

GS1

GS1 is an international not-for-profit association with Member Organisations in over 100 countries. GS1 is dedicated to the design and implementation of global standards and solutions to improve the efficiency and visibility of supply and demand chains globally and across sectors. http://www.gs1.org/

IFRA

INCA FIEJ Research Association (Technical Research and Consulting Association for the Newspaper Industry).

Intrastat

The agency responsible for collecting statistics on the physical trade of goods between the members of the EU.

ISO

InternationalOrganisationforStandardisation.

ISRI

Institute of Scrap Recycling Industries

LogisticsBuyer

The buyer of the logistics service has defined the codes used in the particular element of the transaction. Care must be used when using this agency to assure that the recipient of the e-Document understands what is being communicated.

LogisticsSeller

The seller of the logistics service has defined the codes used in the particular element of the transaction. Care must be used when using this agency to assure that the recipient of the e-Document understands what is being communicated.

LogisticsSupplier

The supplier of the logistics service has defined the codes used in the particular element of the transaction. Care must be used when using this agency to assure that the recipient of the e-Document understands what is

being communicated.

Measuring Party

The party that is responsible for the measurements at the measuring location.

Mill

The OtherParty indicated by party type “Mill” or when available the party indicated by MillParty.

NOBB

Norwegian Building Products database, (Norsk ByggvareBase)

NMFTA

National Motor Freight Traffic Association (NMFTA)

NPTA

National Paper Trade Association.

Ondule

European Association of Corrugated Base Papers Manufacturers (actually Óndule).

PEFC

www.pefc.org

PMS

Pantone Matching System is a colour matching system that is widely used in the book industry. See www.pantone.com for more information.

PPPC

Pulp and Paper Products Council

Publisher

The person, company or organization responsible for placing a book, journal, or other publication on the market (as opposed to the printer or bookseller); also referred to as the "buyer".

RASI

Article numbering agency and system in Finland for building products. (www.rasi.fi)

RevenueCanada

Canadian Revenue Agency. See www.cra.gc.ca

RVR

Agency maintaining codes for the German wood supply segment. RVR is the abbreviation for "**R**ahmen**V**ereinbarung für den **R**ohholzhandel in Deutschland". (www.rvr-deutschland.de).

SD

Agency maintaining codes for the Norwegian wood supply segment (www.skogdata.no).

SDC

Agency maintaining codes for the Swedish wood supply segment (www.sdc.se).

Seller

The seller of the product has defined the codes used in the particular element of the transaction. Care must be used when using this agency to assure that the recipient of the e-Document understands what is being communicated. (Not to be used for logistics seller, see LogisticsSeller.)

Supplier

The supplier has defined the codes used in the particular element of the transaction. Care must be used when using this agency to assure that the recipient of the e-Document understands what is being communicated. (Not to be used for logistics supplier, see LogisticsSupplier.).

TAPPI

Technical Association for the Paper and Pulp Industry

UCC

To be deprecated in next version. In 2005 the Uniform Code Council (UCC) changed its name to GS1 US as a member organisation of GS1 in United States of America. Use GS1 instead.
http://www.gs1.org/

http://www.gs1us.org/

UIC

International Union of Railways. (http://www.uic.org)
(Union Internationale des Chemins de fer)

UN/ECE

The United Nations – Economic Commission for Europe

WarehouseOperator

WCO

World Customs Organization (refer to wcoomd.org for more information).

XBITS

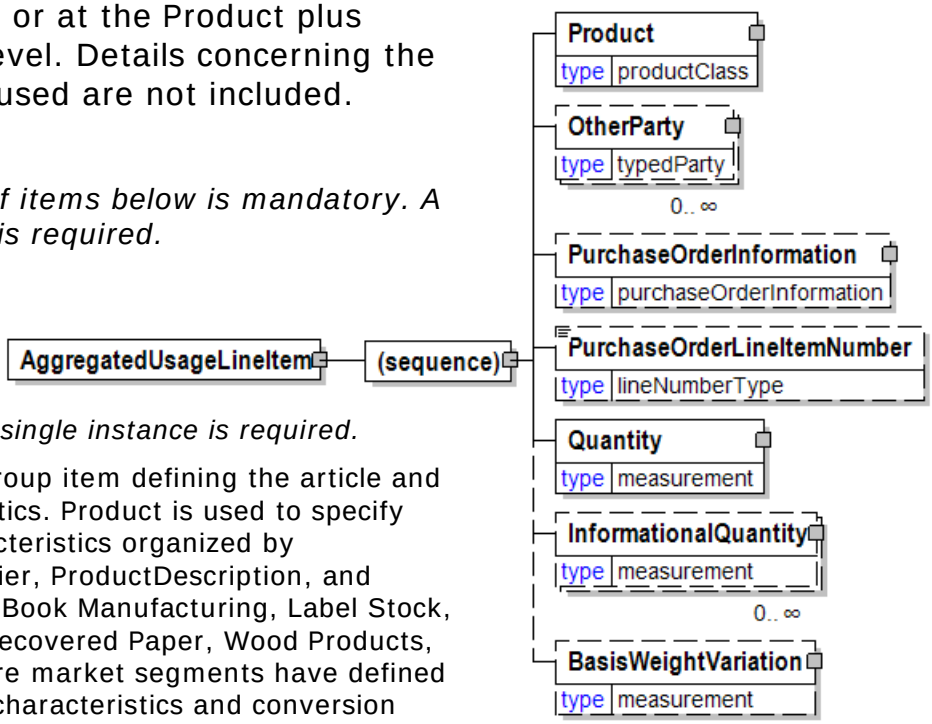
XML Book Industry Transaction Standards

Other

Used when the agency responsible for a coding system is not defined in the attribute list, or there is no agency responsible for the codes used.

AggregatedUsageLineItem

A group item that summarises item usage at the Product level or at the Product plus PurchaseOrder level. Details concerning the individual items used are not included.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Product

Product is mandatory. A single instance is required.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

PurchaseOrderInformation

PurchaseOrderInformation is optional. A single instance might exist.

A group item containing information unique to this PurchaseOrder, which is provided by the buyer. PurchaseOrderInformation can be optional in the supply chain. Invoices are created without having a PurchaseOrder in Vendor Managed Inventory. Freight invoices also will not have a PurchaseOrder number.

PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber is optional. A single instance might exist.

The sequential number that uniquely identifies the PurchaseOrder line item.

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

BasisWeightVariation

BasisWeightVariation is optional. A single instance might exist.

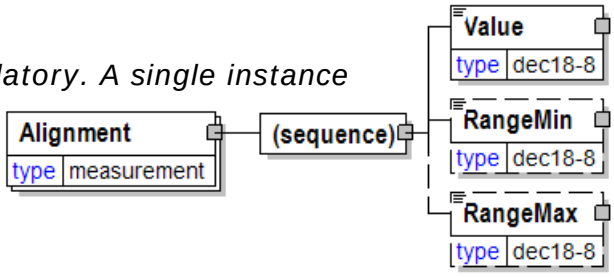
BasisWeightVariation is the measured difference between the mill target basis weight and the mill actual basis weight.

Alignment

A measurement of how the reel is aligned on printing press

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

RangeMax

RangeMax is optional. A single instance might exist.

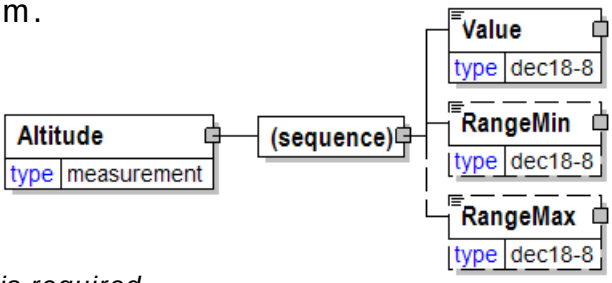
The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

Altitude

The height of a location above a ground reference point as specified by the map reference system.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

RangeMax

RangeMax is optional. A single instance might exist.

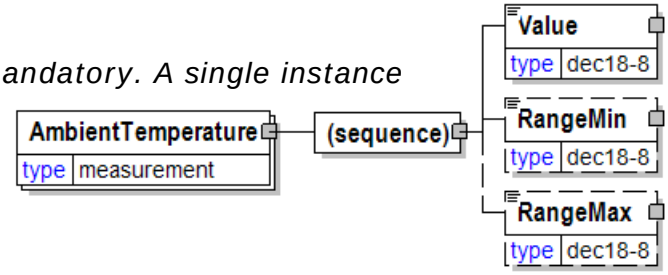
The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

AmbientTemperature

The temperature of the surrounding environment.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

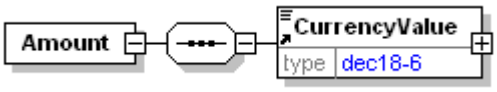
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

Amount

An element that contains the amount including tax. The Amount encapsulates CurrencyValue.



(sequence)

The sequence of items below is mandatory. A single instance is required.

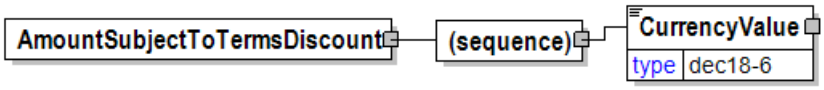
CurrencyValue

CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

AmountSubjectToTermsDiscount

The amount against which prompt payment terms can be applied.



(sequence)

The sequence of items below is mandatory. A single instance is required.

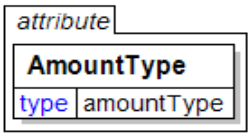
CurrencyValue

CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

AmountType [attribute]

Defines the type of amount.



This item is restricted to the following list.

Adjustment

Adjustment amount, i.e. the sum of all instances of PriceAdjustment and FlatAmountAdjustment but excluding tax amounts.

DecimalRounding

Amount applied for decimal rounding of amounts due for payment.

For example, Finland does not use smaller than 5 cent coins. All cash payments are rounded to a 5 cent divisible amount according to national legislation. Alternatively, certain market segments prefer to remove all decimals.

Net

Net amount, i.e. an amount excluding tax

Tax

Tax amount

TermsDiscountNet

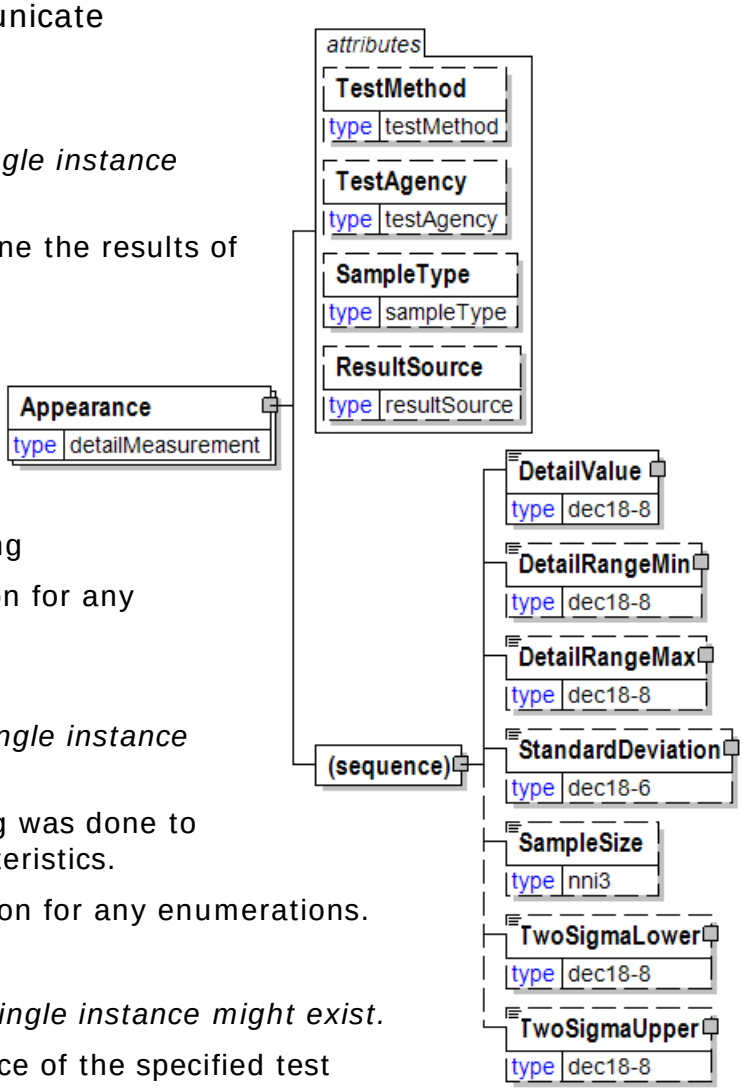
The prompt payment discount amount excluding tax.

Total

Total amount, i.e. an amount including tax.

Appearance

A group item used to communicate appearance.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

AppliesTo [attribute]

Specifies the type of item to which measurements apply to.



This item is restricted to the following list.

Payload

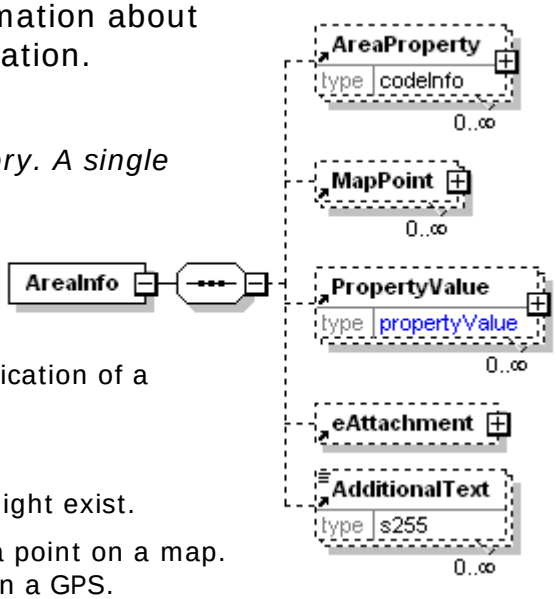
Measurements apply to the payload.

Unit

Measurements apply to the physical unit.

AreaInfo

A grouping element that contains information about an area, e.g. an area belonging to a location.



(sequence)

The sequence of items below is mandatory. A single instance is required.

AreaProperty

AreaProperty is optional. Multiple instances might exist.

A grouping element that contains a specification of a property for an area.

MapPoint

MapPoint is optional. Multiple instances might exist.

A grouping element for items describing a point on a map. A mappoint is normally named waypoint in a GPS.

PropertyValue

PropertyValue is optional. Multiple instances might exist.

Specifies a value for a property of an item. The property is defined by the attribute

PropertyType. The attribute MeasuringMethod and MeasuringAgency can be used to clarify details for a how a property is measured or calculated, e.g. Diameter for a saw log can be measured “Under Bark” or “Over Bark”. The attribute MeasuringMethodType defines how the value is created, e.g. measured automatically, calculated etc. The attribute IsAverageValue indicates if the value is an average value or not.

eAttachment

eAttachment is optional. A single instance might exist.

eAttachment enables the sender to provide information about attachments to the document.

- Note: An element "e-Attachment" also exists. papiNet will no longer use hyphens in our element and attribute names as this causes issues with BizTalk.

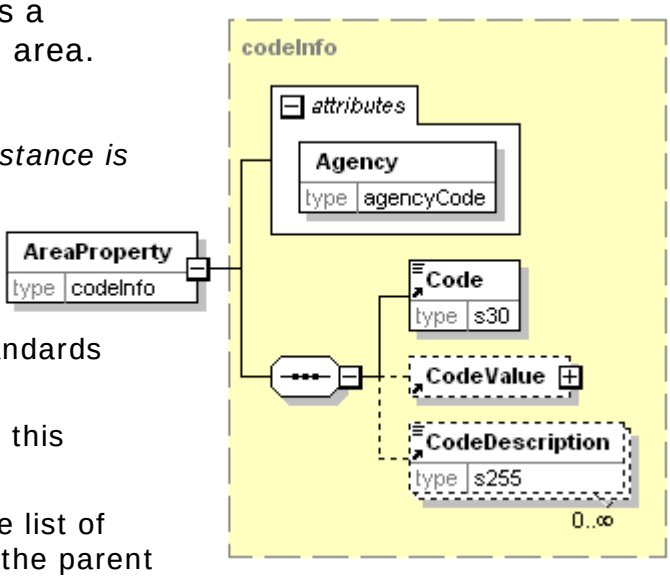
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

AreaProperty

A grouping element that contains a specification of a property for an area.



Agency [attribute]

Agency is mandatory. A single instance is required.

Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Code

Code is mandatory. A single instance is required.

Specifies a code that is defined by an agency. The agency is given for the whole construct containing the code.

CodeValue

CodeValue is optional. A single instance might exist.

A grouping element specifying a value belonging to a code that is defined by an

agency.

CodeDescription

CodeDescription is optional. Multiple instances might exist.

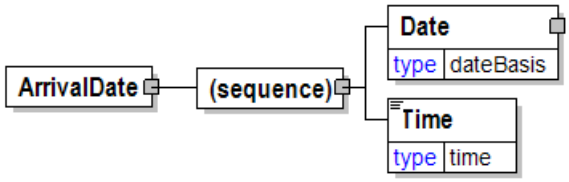
A textual description for the meaning of a code that is defined by an agency.

ArrivalDate

The date of arrival.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

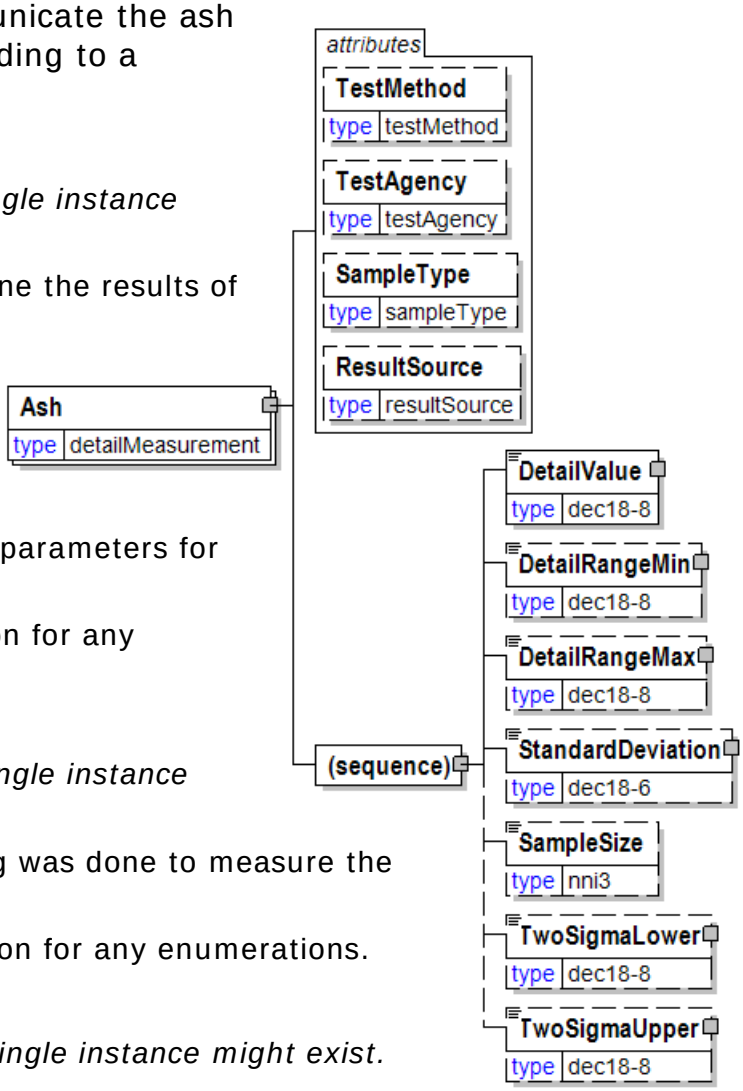
Time is mandatory. A single instance is required.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

Ash

A group item used to communicate the ash content of the product according to a particular TestMethod.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

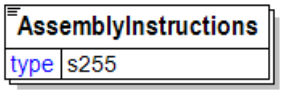
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

AssemblyInstructions

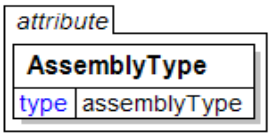
Instructions for assembly.



AssemblyType [attribute]

Assembly type

This item is restricted to the following list.



AVC

BulkPack

Capsule

CDBookStyle

CDOSleeve

CDWallet

CO/CR/CF-1

CO/CR/CF-2

CO/CR/CF-3

CO/CR/CF-4

CPN1

CPN2

CPN3

CPN4

DCN1

DCN2

ICanRead

OCard

PVCBag

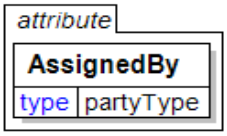
UAB

UAS6

UAS8

AssignedBy [attribute]

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.



This item is restricted to the following list.

Auditor

A third party that is authorized for making audits and checkings.

Bank

The banking representative.

BillTo

The address where the invoice is to be sent. (Not to be used for logistics BillTo, see LogisticsBillTo.)

BorderCrossing

A geographic location separating two countries authorised to validate customs documentation.

Broker

The organisation acting as a broker for the buyer or supplier.

Buyer

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the “Payer”, the “Buyer” is the “Payer”. (Not to be used for logistics buyer, see LogisticsBuyer.)

BuyerAgent

The entity acting for the buyer in the transaction. (Not to be used for logistics BuyerAgent, see LogisticsBuyerAgent.)

Carrier

The organisation or business entity that transports goods.

CarrierAssignmentResponsible

The organisation to which the carrier has assigned some task.

ComponentVendor

Vendor producing supplied components.

Compositor

Party that formats written material and illustrations for printing or electronic display.

Consignee

To be deprecated in version 3.0 (no date determined). Use LogisticsRole attribute to communicate this information.

Consignor

To be deprecated in version 3.0 (no date determined). Use LogisticsRole attribute to communicate this information.

Consuming

The eventual consumer of the material

Converter

The organisation responsible for changing one form of paper into another form, providing specialised functions not available to the supplier.

ContractParty

The organisation or business entity responsible for managing the contract between business partners.

CreditDepartment

The party responsible for credit authorization.

CrossDock

A third party involved in the transport of goods.

CustomerFacility

The type of the origin or destination location of a transport leg in a route is a buyer facility, usually a print site, or a warehouse owned by the buyer.

CustomerStock

A “virtual” location that indicates that the material is owned by the customer.

Customs

Any customs agency.

CustomsForwarder

A forwarder responsible for managing the transfer of goods through customs.

DomesticForwarder

A forwarder responsible for managing the transfer of goods.

EndUser

EndUser is the party using, consuming, or converting the product. For example, a printer using paper reels to print a job for a publisher (printer is the end user). The final ShipTo destination for a product is normally to the EndUser facilities.

ExportForwarder

A forwarder responsible for managing the export process.

ForestForwarder

The party responsible for transporting forest wood products from logging areas to roadside landings.

ForestHarvester

The party responsible for harvesting of forest wood products at logging areas.

Forwarder

The party responsible for shipping arrangements.

FreightPayer

The party responsible for paying freight.

Insurer

The party providing insurance coverage for the goods.

Landowner

The party who owns the land upon which the product was produced.

LoadingOperator

A party that is carrying out loading of transport units.

LoggingArea

A geographic location in the forest where logging takes place.

LogisticsBillTo

The address where the logistics invoice is to be sent.

LogisticsBuyer

The buyer of logistics services. The legal entity to which the service is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the “LogisticsPayer”, the “LogisticsBuyer” is the payer.

LogisticsBuyerAgent

The entity acting for the logistics buyer in the transaction.

LogisticsSeller

The seller of logistics services. LogisticsSupplier is the seller of the service, if logistics seller is not specified as OtherParty = LogisticsSeller

LogisticsSupplier

The party responsible for providing the service. LogisticsSupplier is also the seller of the service, if logistics seller is not specified as OtherParty = LogisticsSeller

LogisticsPayee

The party handling and receiving logistics payments on behalf of another party.

LogisticsPayer

The party handling and sending logistics payments of behalf of another party.

MainCarrier

The primary carrier involved in the movement of goods.

Measurer

The party that that is carrying out the measurement of the quantity and/or quality of the products. It can be a person, a piece of equipment or a device.

MeasuringParty

The party that is responsible for the measurements at the measuring location.

Merchant

A third party buying and reselling products.

Mill

A production facility.

NotifyParty

A party that needs to be notified of the status of the transaction.

OnBehalfOf

The activity in question is being made on behalf of this party.

OrderParty

The organisation or business entity placing the order if different from the buyer party.

OriginalOrderParty

Party which ordered the product from the Party sending the first level PurchaseOrder in an indirect purchase order process.

OriginalSupplier

The first supplier in a supply chain. OriginalSupplier is only intended to identify the business party, not the origin of the product.

Payee

The party handling and receiving payments on behalf of another party. (Not to be used for logistics payee, see LogisticsPayee.)

Payer

The party handling and sending payments of behalf of another party. (Not to be used for logistics payer, see LogisticsPayer.)

PlaceFinalDestination

The final destination of the goods.

PlaceOfAccept

The location where acceptance of the goods is to take place.

PlaceOfDespatch

The location where despatch took place.

PlaceOfDischarge

The location where the goods were unloaded.

PlaceOfLoading

The location where loading is to or took place.

PlaceOfMeasuring

The location where the products are measured.

PlaceOfReloading

A location where the goods where transferred from one transport type to another.

Port

The type of the origin or destination location of a transport leg in a route. It is a maritime location.

PreCarrier

The party responsible for activities prior to carrier accepting the goods (but after shipping has taken place).

PriceListParty

The organization or business entity responsible managing for the price list between business partners.

PrinterFacility

The location of the printer who will be using the product.

ProFormaInvoice

The organisation or business entity to which the pro-forma invoice will be sent.

Producer

The manufacturer of the goods.

ProductAgency

Organization responsible for defining unique product identifiers.

Publisher

Individual or corporation responsible for the printing and distribution of digital or printed publications.

RemitTo

The organisation or business entity to which payment will be made.

Requestor

The originator of the original PurchaseOrder requisition (for example, a printing plant ordering through a central purchasing organisation).

RoadKeeper

The party who is responsible for the maintenance of the road.

RoadOwner

The party who is the legal owner of the road.

SalesAgent

The organisation or person responsible for product sales acting on behalf of the seller.

SalesOffice

The functional unit in an organisation or business entity that is responsible for product sales.

Seller

The seller of the product. SupplierParty is the seller of the product, if Seller is not specified as OtherParty = Seller. (Not to be used for logistics seller, see LogisticsSeller.)

ServiceProvider

The party that is responsible for a service used by business partners.

ShipFromLocation

The location the goods were shipped from.

ShipOwner

The owner of the vessel used to ship the goods.

ShipTo

The address the material should be shipped to.

SubCarrier

A sub carrier of another the shipping company.

Supplier

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller. (Not to be used for logistics supplier, see LogisticsSupplier.)

Terminal

The type of the origin or destination location of a transport leg in a route. It can be a sea, road or rail terminal.

TerminalOperator

The party providing facilities such as loading, unloading, or warehousing.

UnloadingOperator

A party that is carrying out unloading of transport units.

Warehouse

A storage location. It can be the origin or destination location of a transport leg in a route.

WillAdvise

Indicates that party will be identified at a later time

Other

Any other organisation or business entity that may get involved in the transaction and that is not covered by the list.

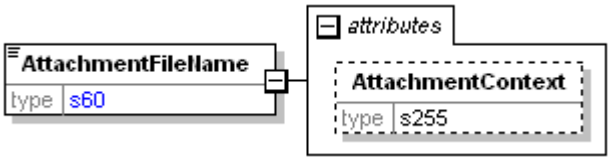
AttachmentContext [attribute]

The purpose of the attachment.



AttachmentFileName

The name of the attached file.



AttachmentContext [attribute]

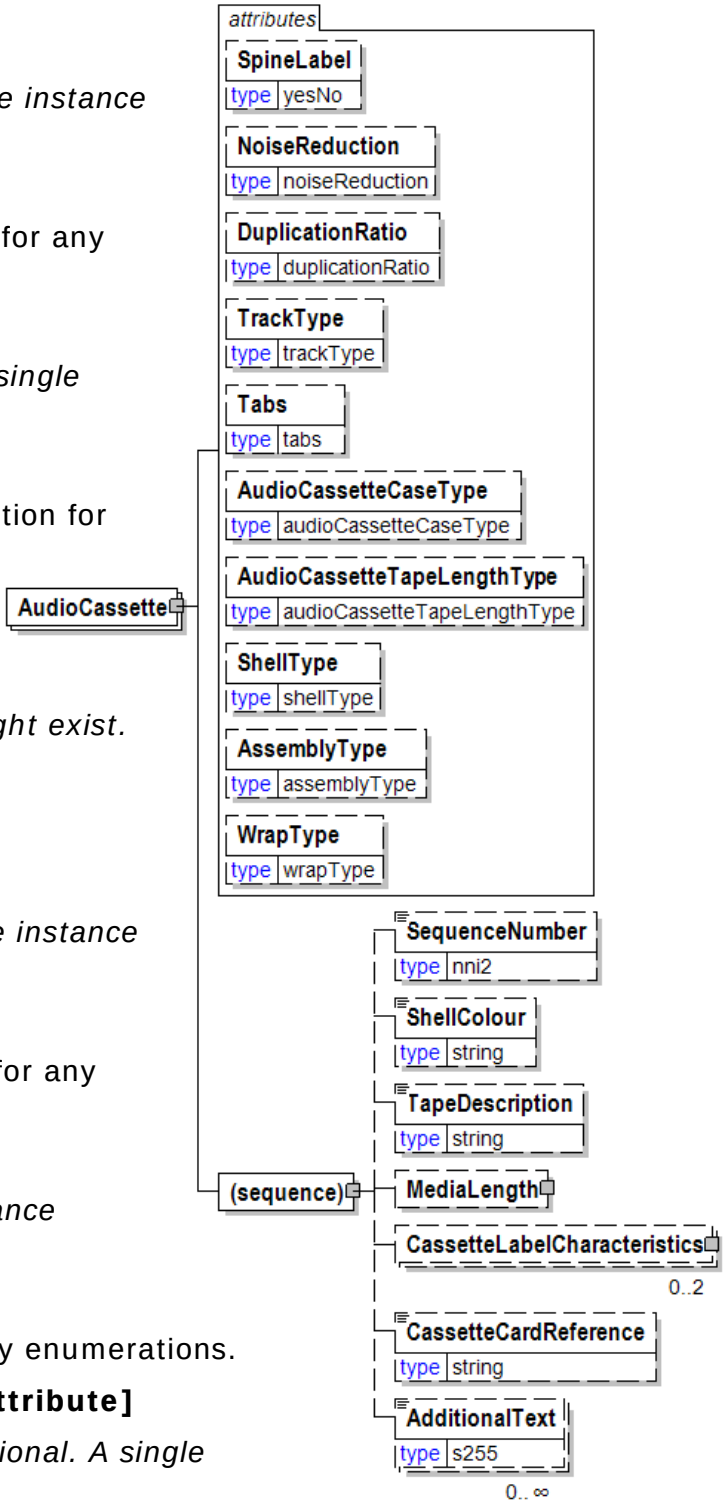
AttachmentContext is optional. A single instance might exist.

The purpose of the attachment

Refer to AttachmentContext definition for any enumerations.

AudioCassette

Audio cassette



SpineLabel [attribute]

SpineLabel is optional. A single instance might exist.

Is there a spine label?

Refer to SpineLabel definition for any enumerations.

NoiseReduction [attribute]

NoiseReduction is optional. A single instance might exist.

The noise reduction method

Refer to NoiseReduction definition for any enumerations.

DuplicationRatio [attribute]

DuplicationRatio is optional. A single instance might exist.

Duplication ratio

Any valid string

TrackType [attribute]

TrackType is optional. A single instance might exist.

The type of track

Refer to TrackType definition for any enumerations.

Tabs [attribute]

Tabs is optional. A single instance might exist.

The type of tabs

Refer to Tabs definition for any enumerations.

AudioCassetteCaseType [attribute]

AudioCassetteCaseType is optional. A single instance might exist.

Describes the type of audio cassette case.

Refer to AudioCassetteCaseType definition for any enumerations.

AudioCassetteTapeLengthType [attribute]

AudioCassetteTapeLengthType is optional. A single instance might exist.

Describes the length of the tape used in the audio cassette. The number indicates the expected number of minutes the tape will run.

Refer to AudioCassetteTapeLengthType definition for any enumerations.

ShellType [attribute]

ShellType is optional. A single instance might exist.

The type of shell

Refer to ShellType definition for any enumerations.

AssemblyType [attribute]

AssemblyType is optional. A single instance might exist.

Assembly type

Refer to AssemblyType definition for any enumerations.

WrapType [attribute]

WrapType is optional. A single instance might exist.

Communicates the type of material used to wrap the product.

Refer to WrapType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

SequenceNumber

SequenceNumber is optional. A single instance might exist.

ShellColour

ShellColour is optional. A single instance might exist.

Shell colour

TapeDescription

TapeDescription is optional. A single instance might exist.

Tape description

MediaLength

MediaLength is optional. A single instance might exist.

Media length

CassetteLabelCharacteristics

CassetteLabelCharacteristics is optional.

Cassette label characteristics

CassetteCardReference

CassetteCardReference is optional. A single instance might exist.

Cassette card reference

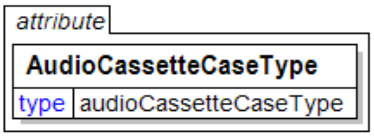
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

AudioCassetteCaseType [attribute]

Describes the type of audio cassette case.



This item is restricted to the following list.

PolyBox

BlackClearNorelco

ClearClearNorelco

OCard

AudioCassetteTapeLengthType [attribute]

Describes the length of the tape used in the audio cassette. The number indicates the expected number of minutes the tape will run.



This item is restricted to the following list.

C-10

A tape length of 10 minutes.

C-15

A tape length of 15 minutes.

C-20

A tape length of 20 minutes.

C-25

A tape length of 25 minutes.

C-30

A tape length of 30 minutes.

C-35

A tape length of 35 minutes.

C-40

A tape length of 40 minutes.

C-45

A tape length of 45 minutes.

C-50

A tape length of 50 minutes.

C-55

A tape length of 55 minutes.

C-60

A tape length of 60 minutes.

C-65

A tape length of 65 minutes.

C-70

A tape length of 70 minutes.

C-75

A tape length of 75 minutes.

C-80

A tape length of 80 minutes.

C-85

A tape length of 85 minutes.

C-90

A tape length of 90 minutes.

C-95

A tape length of 95 minutes.

C-100

A tape length of 100 minutes.

C-105

A tape length of 105 minutes.

C-110

A tape length of 110 minutes.

C-115

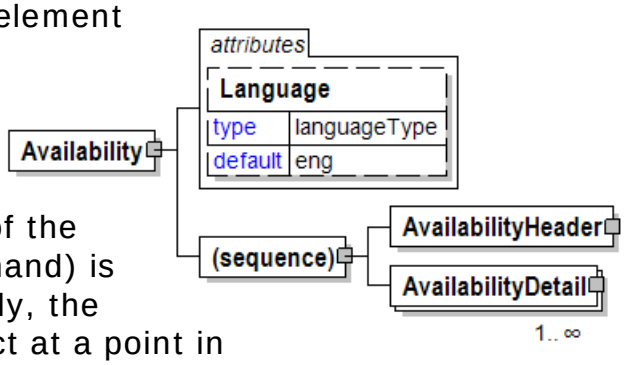
A tape length of 115 minutes.

C-120

A tape length of 120 minutes.

Availability

The Availability element is the root element for the Availability e-Document.



The purpose of the Availability e-Document is to provide a means to ask about the availability of the specified product. The amount of the product immediately available (on-hand) is anticipated to be returned. Optionally, the anticipated availability of the product at a point in future can be communicated.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

AvailabilityHeader

AvailabilityHeader is mandatory. A single instance is required.

The AvailabilityHeader contains items that apply to the entire Availability e-Document.

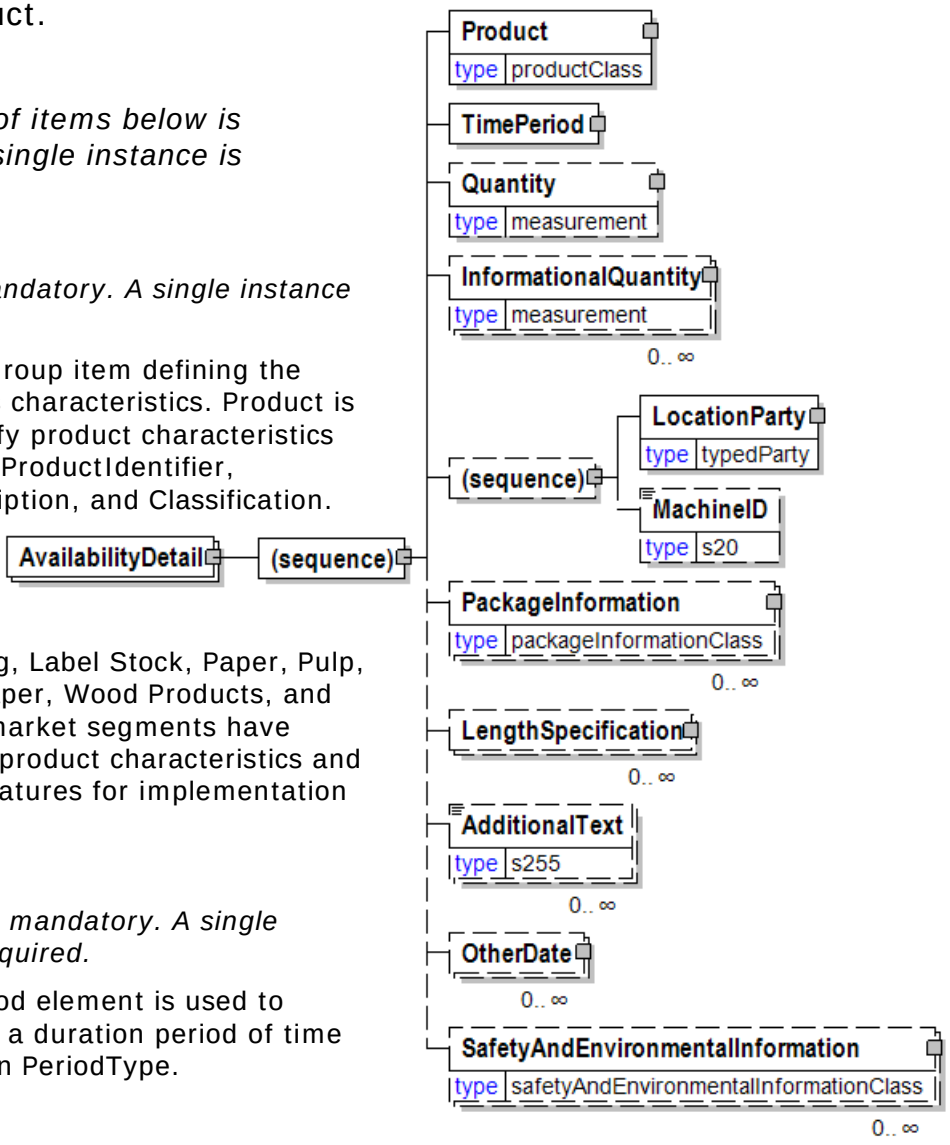
AvailabilityDetail

AvailabilityDetail is mandatory. One instance is required, multiple instances might exist.

AvailabilityDetail provides the detailed availability information for the requested product.

AvailabilityDetail

AvailabilityDetail provides the detailed availability information for the requested product.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Product

Product is mandatory. A single instance is required.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book

Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

TimePeriod

TimePeriod is mandatory. A single instance is required.

The TimePeriod element is used to communicate a duration period of time as indicated in PeriodType.

Quantity

Quantity is optional. A single instance

might exist.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

(sequence)

The sequence of items below is optional. A single instance might exist.

LocationParty

LocationParty is mandatory. A single instance is required.

The organization or business entity where the business event took place or will take place.

MachineID

MachineID is optional. A single instance might exist.

An identifier assigned to the particular machine being referenced. For example, a machine could be a paper machine, an off-line coater, a sheeter, or a printing press. The particular machine being referenced will be determined by the business event being supported.

PackageInformation

PackageInformation is optional. Multiple instances might exist.

The purpose of the PackageInformation structure is to clearly identify physical handling items that constitute the delivery.

PackageInformation is the highest level of product packaging it describes the shipping or warehousing unit.

If you are communicating a package, usually for logistics or transport purposes, you should include the PackageType, Identifier, ItemCount, and Quantity. (Note: you still have the ability to describe the item with one of the “named” items.)

If you are communicating one of the named Items there is no need to include PackageType, Identifier, ItemCount, and Quantity.

Since either of these two approaches can be used the entie contents of this element are optional even though the parent may be required. It is expected that you will fill in the appropriate details.

LengthSpecification

LengthSpecification is optional. Multiple instances might exist.

Length specification of the wood product.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

OtherDate

OtherDate is optional. Multiple instances might exist.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

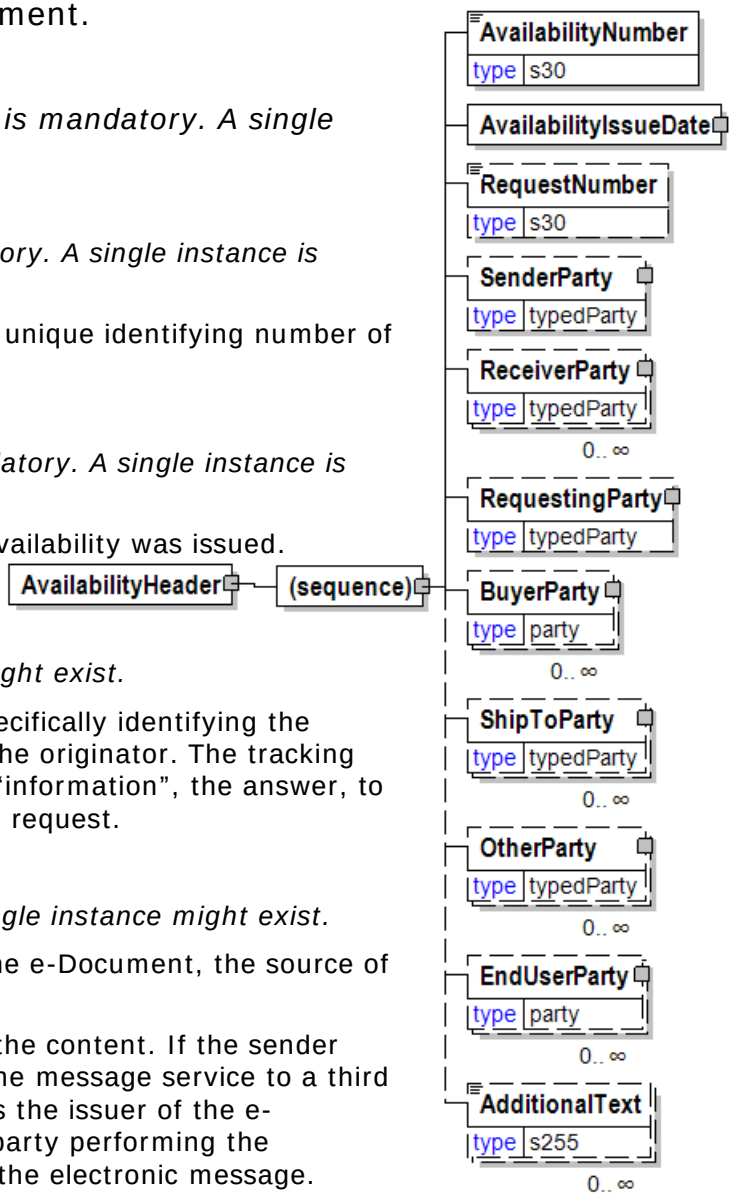
SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency).

AvailabilityHeader

The AvailabilityHeader contains items that apply to the entire Availability e-Document.



(sequence)

The sequence of items below is mandatory. A single instance is required.

AvailabilityNumber

AvailabilityNumber is mandatory. A single instance is required.

An element that contains the unique identifying number of the Availability e-Document.

AvailabilityIssueDate

AvailabilityIssueDate is mandatory. A single instance is required.

The date and time that the Availability was issued.

RequestNumber

RequestNumber is optional. A single instance might exist.

A unique tracking number specifically identifying the InfoRequest e-Document to the originator. The tracking number is returned with the “information”, the answer, to help match the answer to the request.

SenderParty

SenderParty is optional. A single instance might exist.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is optional. Multiple instances might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

RequestingParty

RequestingParty is optional. A single instance might exist.

The party requesting the information.

BuyerParty

BuyerParty is optional. Multiple instances might exist.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

ShipToParty

ShipToParty is optional. Multiple instances might exist.

The name and/or address to which the goods should be delivered with the party type indicated by the PartyType attribute.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

EndUserParty

EndUserParty is optional. Multiple instances might exist.

The party using, consuming, or converting the product. For example, a printer using paper reels for a print job for a publisher. The final ShipTo destination for a product is normally to the end user's facilities.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

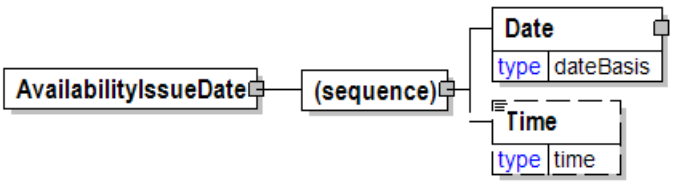
A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

AvailabilityIssueDate

The date and time that the Availability was issued.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

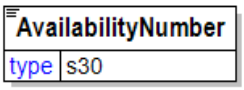
hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

AvailabilityNumber

An element that contains the unique identifying number of the Availability e-Document.



AvailabilityStatusRequestDetail

A grouping element that provides the parameters to be used when responding with an Availability e-Document.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Product

Product is mandatory. A single instance is required.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

TimePeriod

TimePeriod is optional. A single instance might exist.

The TimePeriod element is used to communicate a duration period of time as indicated in PeriodType.

Quantity

Quantity is optional. A single instance might exist.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

LocationParty

LocationParty is optional. Multiple instances might exist.

The organization or business entity where the business event took place or will take place.

BuyerParty

BuyerParty is optional. Multiple instances might exist.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

ShipToParty

ShipToParty is optional. Multiple instances might exist.

The name and/or address to which the goods should be delivered with the party type indicated by the PartyType attribute.

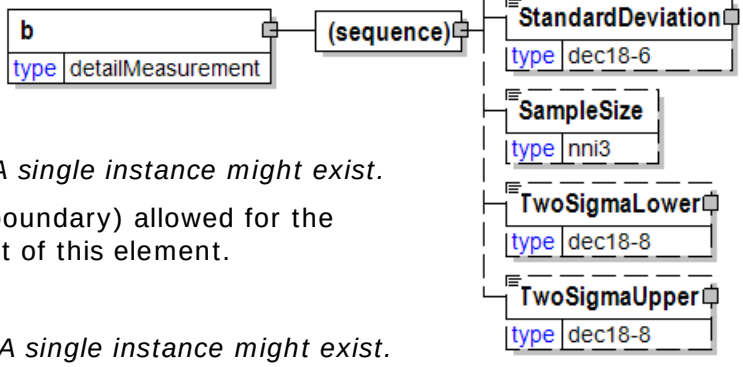
EndUserParty

EndUserParty is optional. Multiple instances might exist.

The party using, consuming, or converting the product. For example, a printer using paper reels for a print job for a publisher. The final ShipTo destination for a product is normally to the end user's facilities.

b

The “b” component of the method of communicating colour termed L*a*b.



(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

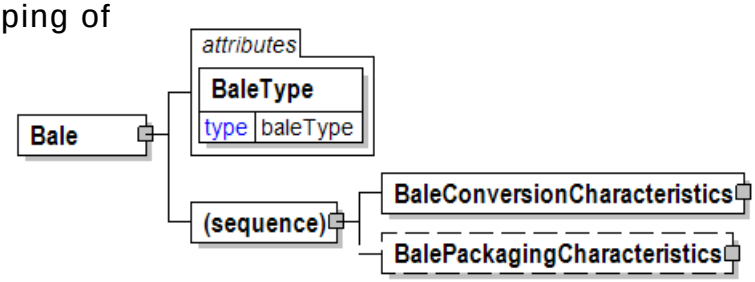
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

Bale

A single or rectangular grouping of product



BaleType [attribute]

BaleType is mandatory. A single instance is required.

Defines the type of bale being produced. A different production process is indicated by each type.

Refer to BaleType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

BaleConversionCharacteristics

BaleConversionCharacteristics is mandatory. A single instance is required.

A group element that contains data relevant to the physical characteristics of a bale of product.

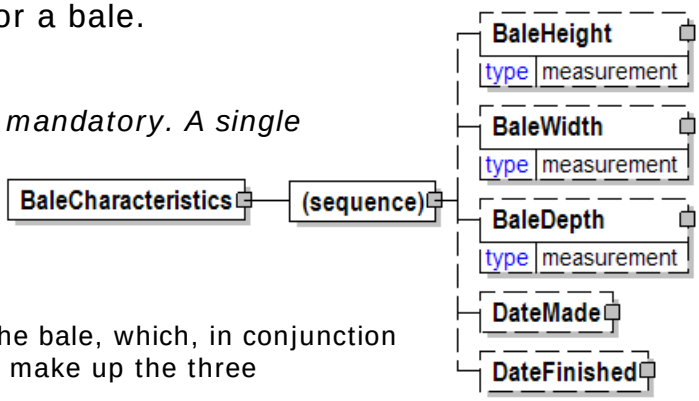
BalePackagingCharacteristics

BalePackagingCharacteristics is optional. A single instance might exist.

A group element containing information relating to packaging of a bale.

BaleCharacteristics

A group item for actual measurement and manufacturing characteristics for a bale.



(sequence)

The sequence of items below is mandatory. A single instance is required.

BaleHeight

BaleHeight is optional. A single instance might exist.

A measurement of one side of the bale, which, in conjunction with the BaleDepth a BaleWidth make up the three measurements of the bale.

BaleWidth

BaleWidth is optional. A single instance might exist.

A measurement of one side of the bale, which, in conjunction with the BaleDepth and BaleHeight make up the three measurements of the bale.

BaleDepth

BaleDepth is optional. A single instance might exist.

A measurement of one side of the bale, in conjunction with BaleHeight and BaleWidth makes up the three measurements of the bale.

DateMade

DateMade is optional. A single instance might exist.

The Date and optionally the Time when an item was produced. DateMade is normally a date before the wrapping and labelling date of the item.

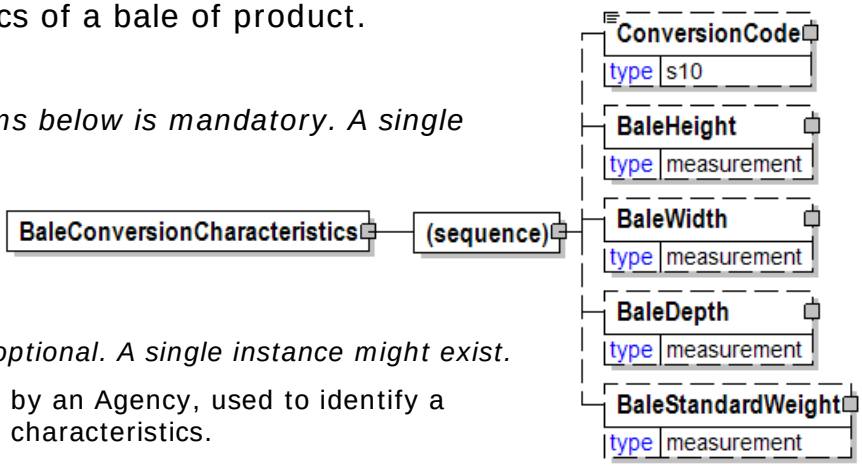
DateFinished

DateFinished is optional. A single instance might exist.

The Date and optionally the Time that an item was finished. For example, this could be the wrapping date for a reel or ream or the date the sheet(s) were packaged in preparation for shipment

BaleConversionCharacteristics

A group element that contains data relevant to the physical characteristics of a bale of product.



(sequence)

The sequence of items below is mandatory. A single instance is required.

ConversionCode

ConversionCode is optional. A single instance might exist.

A code, as assigned by an Agency, used to identify a group of conversion characteristics.

BaleHeight

BaleHeight is optional. A single instance might exist.

A measurement of one side of the bale, which, in conjunction with the BaleDepth a BaleWidth make up the three measurements of the bale.

BaleWidth

BaleWidth is optional. A single instance might exist.

A measurement of one side of the bale, which, in conjunction with the BaleDepth and BaleHeight make up the three measurements of the bale.

BaleDepth

BaleDepth is optional. A single instance might exist.

A measurement of one side of the bale, in conjunction with BaleHeight and BaleWidth makes up the three measurements of the bale.

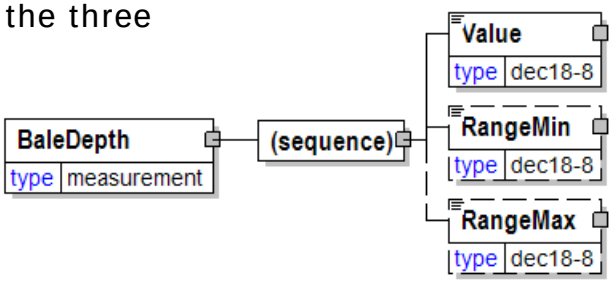
BaleStandardWeight

BaleStandardWeight is optional. A single instance might exist.

An individual mill usually produces bales of a target uniform weight to facilitate storage and stowage.

BaleDepth

A measurement of one side of the bale, in conjunction with BaleHeight and BaleWidth makes up the three measurements of the bale.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

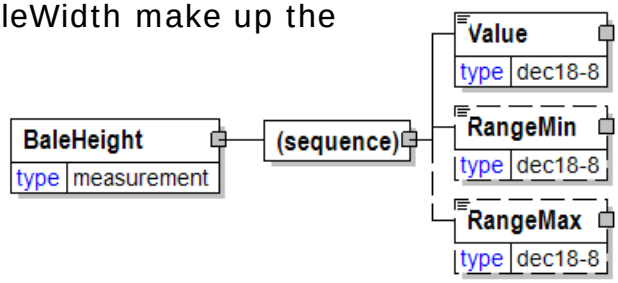
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

BaleHeight

A measurement of one side of the bale, which, in conjunction with the BaleDepth a BaleWidth make up the three measurements of the bale.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

BaleItem

An individual bale included as part of a delivery.

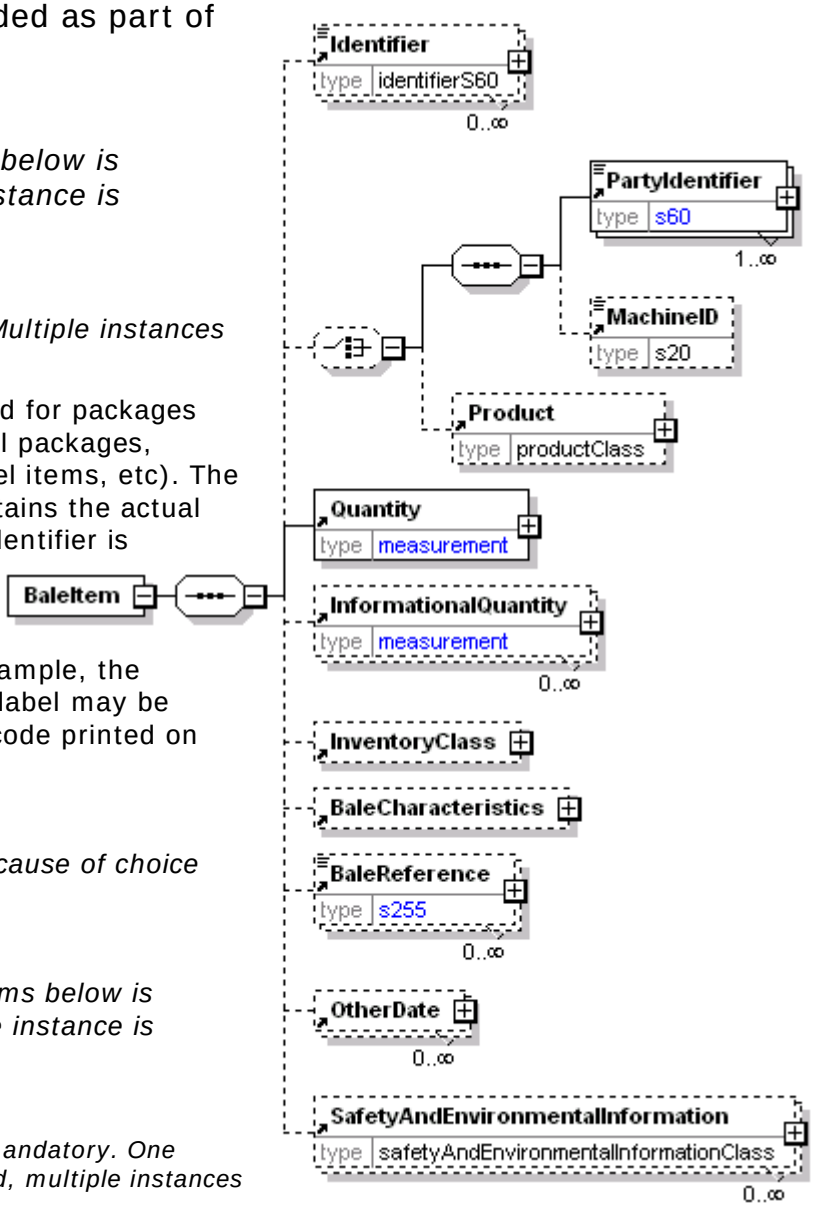
(sequence)

The sequence of items below is mandatory. A single instance is required.

Identifier

Identifier is optional. Multiple instances might exist.

An Identifier is required for packages and items (pallets, reel packages, boxes, ream items, reel items, etc). The Identifier element contains the actual item identifier code. Identifier is repeatable so more than one identifier can be communicated. For example, the printed identifier on a label may be different from the barcode printed on the label.



(choice)

[choice] is optional because of choice construct.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PartyIdentifier

PartyIdentifier is mandatory. One instance is required, multiple instances might exist.

A unique identifier of a specific party. This element contains an attribute PartyIdentifierType that indicates the type of party.

MachineID

MachineID is optional. A single instance might exist.

An identifier assigned to the particular machine being referenced. For example, a machine could be a paper machine, an off-line coater, a sheeter, or a printing press. The particular machine being referenced will be determined by the business event being supported.

Product

Product is optional because of choice construct.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

InventoryClass

InventoryClass is optional. A single instance might exist.

A group item containing information about status of inventory and goods items.

BaleCharacteristics

BaleCharacteristics is optional. A single instance might exist.

A group item for actual measurement and manufacturing characteristics for a bale.

BaleReference

BaleReference is optional. Multiple instances might exist.

An element detailing relevant references pertaining to the Bale. The type of reference is identified by the attributes BaleReferenceType and AssignedBy.

OtherDate

OtherDate is optional. Multiple instances might exist.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

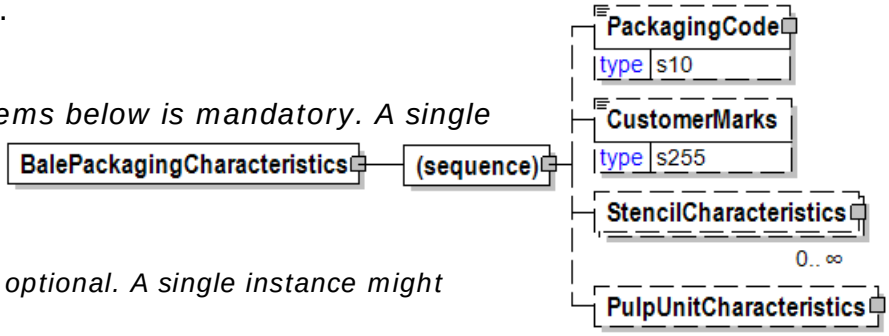
SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency).

BalePackagingCharacteristics

A group element containing information relating to packaging of a bale.



(sequence)

The sequence of items below is mandatory. A single instance is required.

PackagingCode

PackagingCode is optional. A single instance might exist.

PackagingCode is a code describing the packaging of the product.

CustomerMarks

CustomerMarks is optional. A single instance might exist.

The text that the buyer wants the seller to print on the package label or elsewhere.

StencilCharacteristics

StencilCharacteristics is optional. Multiple instances might exist.

A group element specifying attributes of a stencil to be applied to an item, and optional text.

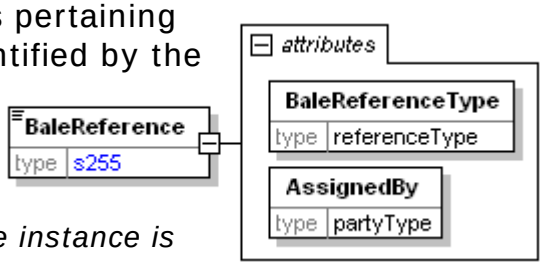
PulpUnitCharacteristics

PulpUnitCharacteristics is optional. A single instance might exist.

A group element that contains information primarily of use for ordering.

BaleReference

An element detailing relevant references pertaining to the Bale. The type of reference is identified by the attributes BaleReferenceType and AssignedBy.



BaleReferenceType [attribute]

BaleReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to BaleReferenceType definition for any enumerations.

AssignedBy [attribute]

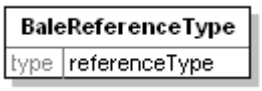
AssignedBy is mandatory. A single instance is required.

Identifies the type of party that has assigned the associated item, e.g. a

reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

BaleReferenceType [attribute]

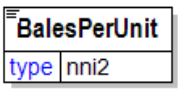


Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, Warehouse” or Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

BalesPerUnit

The number of bales included on the shipping, handling, or delivery unit.

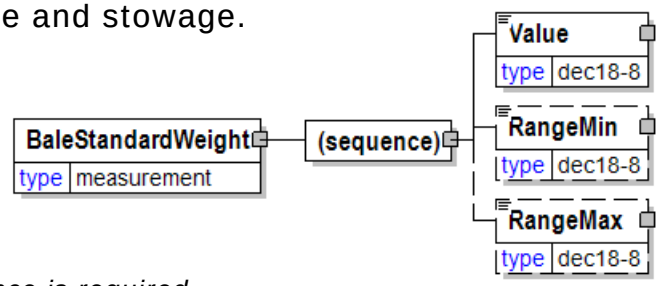


BaleStandardWeight

An individual mill usually produces bales of a target uniform weight to facilitate storage and stowage.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

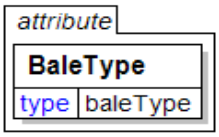
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

BaleType [attribute]

Defines the type of bale being produced. A different production process is indicated by each type.



This item is restricted to the following list.

FlashDried

Fibres pressed together to form a bale.

Sheet

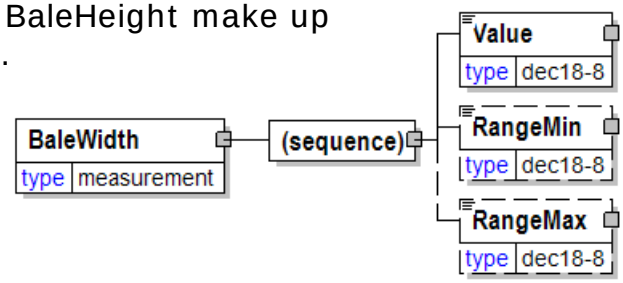
A dried and cut product, stacked, pressed, and packaged together.

WetLap

A pressed sheet stacked and usually placed on pallets.

BaleWidth

A measurement of one side of the bale, which, in conjunction with the BaleDepth and BaleHeight make up the three measurements of the bale.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

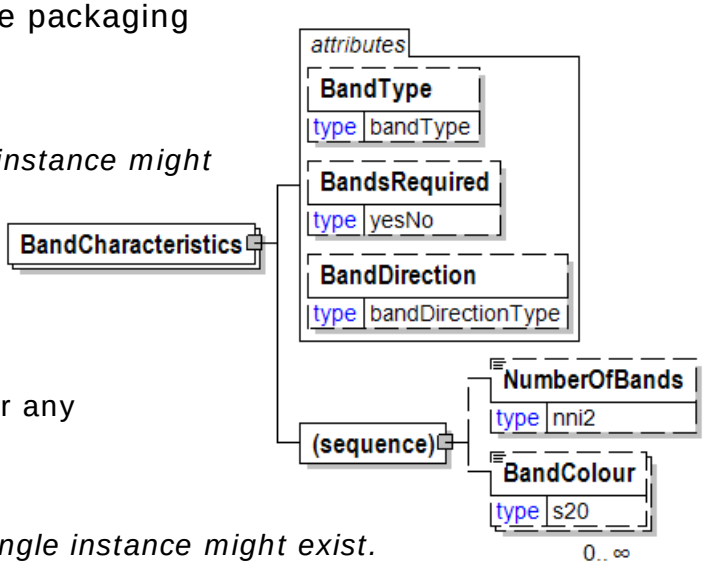
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

BandCharacteristics

A group item that organises the packaging band detail information.



BandType [attribute]

BandType is optional. A single instance might exist.

Communicates the type of band to be used on the product package (metal, nylon, plastic)

Refer to BandType definition for any enumerations.

BandsRequired [attribute]

BandsRequired is optional. A single instance might exist.

Communicates whether or not bands are required or not on the product. When this optional element is not included bands are assumed not to be required.

Refer to BandsRequired definition for any enumerations.

BandDirection [attribute]

BandDirection is optional. A single instance might exist.

The direction of the binding material.

Refer to BandDirection definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

NumberOfBands

NumberOfBands is optional. A single instance might exist.

The number of bands to be applied to the package.

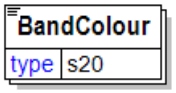
BandColour

BandColour is optional. Multiple instances might exist.

The colour of the packaging bands to be applied to the package.

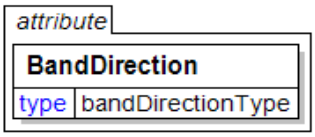
BandColour

The colour of the packaging bands to be applied to the package.



BandDirection [attribute]

The direction of the binding material.



This item is restricted to the following list.

Long

The binding material is on the long side.

Short

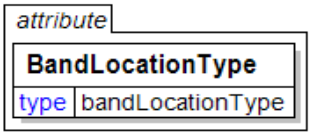
The binding material is on the short side.

Both

The binding material is on both the long and the short sides.

BandLocationType [attribute]

Band location type



This item is restricted to the following list.

Head

The band is located on the top.

Foot

The band is located on the bottom.

Both

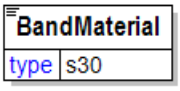
The band is located on the top and on the bottom.

None

There is no band.

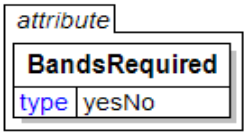
BandMaterial

Band material



BandsRequired [attribute]

Communicates whether or not bands are required or not on the product. When this optional element is not included bands are assumed not to be required.



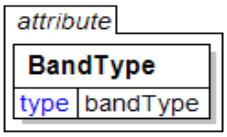
This item is restricted to the following list.

Yes

No

BandType [attribute]

Communicates the type of band to be used on the product package (metal, nylon, plastic)



This item is restricted to the following list.

Metal

The band(s) applied to the packaging on the article is/are made of metal.

Nylon

The band(s) applied to the packaging on the article is/are made of nylon.

Plastic

The band(s) applied to the packaging on the article is/are made of plastic.

Standard

The bands used are agreed to by the trading partners involved.

BarcodeSuppliedByPublisher [attribute]

Barcode supplied by publisher



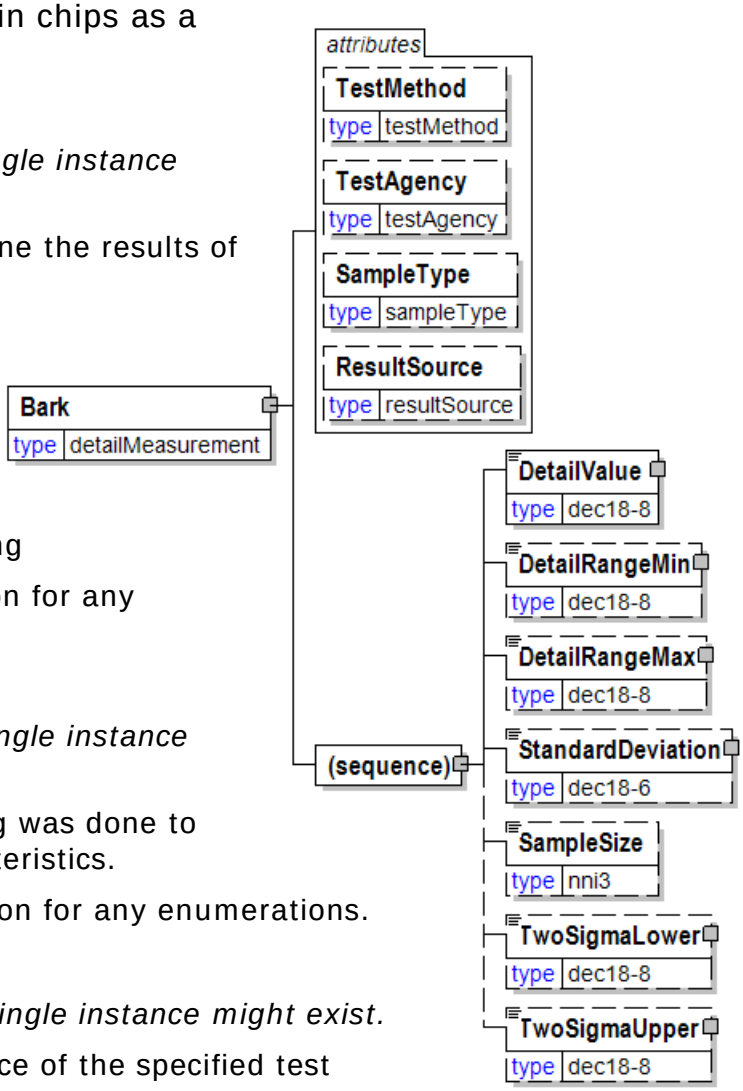
This item is restricted to the following list.

Yes

No

Bark

Used to report bark content in chips as a detail measurement.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

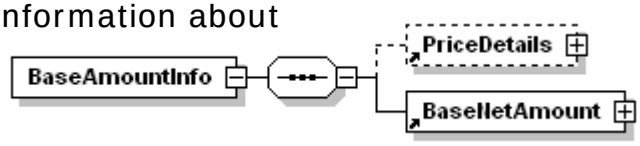
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

BaseAmountInfo

A grouping element that contains information about price and base amount without any taxes.



(sequence)

The sequence of items below is mandatory. A single instance is required.

PriceDetails

PriceDetails is optional. A single instance might exist.

An element that groups together price information.

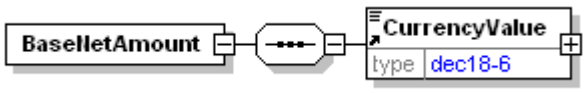
BaseNetAmount

BaseNetAmount is mandatory. A single instance is required.

An element that contains the result of the calculation Quantity times the PricePerUnit. As such it does not include any taxes. The BaseNetAmount encapsulates CurrencyValue.

BaseNetAmount

An element that contains the result of the calculation Quantity times the PricePerUnit. As such it does not include any taxes. The BaseNetAmount encapsulates CurrencyValue.



(sequence)

The sequence of items below is mandatory. A single instance is required.

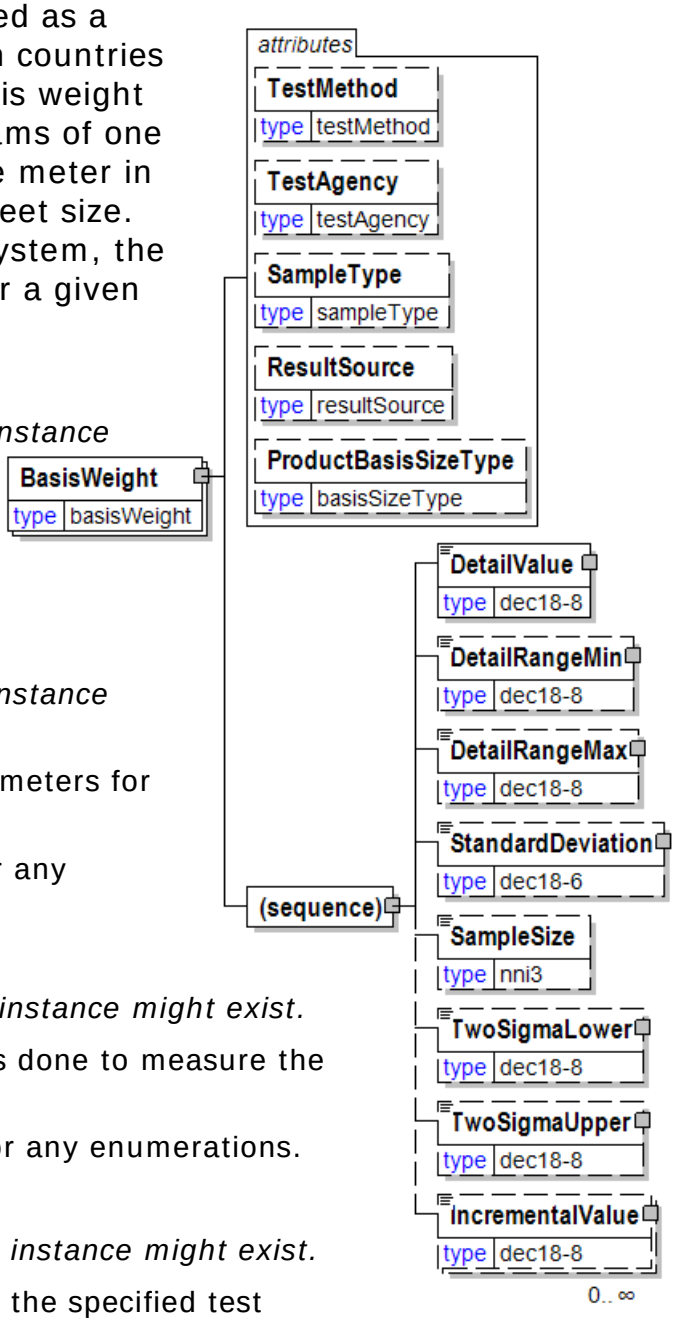
CurrencyValue

CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

BasisWeight

The weight of the paper expressed as a mass for a given surface area. In countries using the metric system, the basis weight is expressed as the weight in grams of one sheet of paper that is one square meter in area—not dependent on basic sheet size. In countries using the imperial system, the weight is expressed in pounds for a given ProductBasisSizeType.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

ProductBasisSizeType [attribute]

ProductBasisSizeType is optional. A single instance might exist.

An attribute list that indicates the size of paper used as the base for the basis weight calculation

Refer to ProductBasisSizeType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

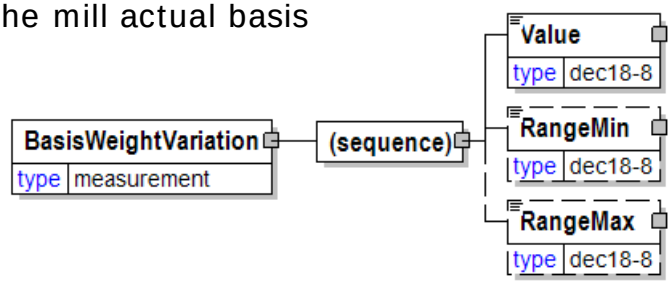
IncrementalValue

IncrementalValue is optional. Multiple instances might exist.

Many times paper is produce in BasisWeights of discreet values. This element permits the expression of those increments.

BasisWeightVariation

BasisWeightVariation is the measured difference between the mill target basis weight and the mill actual basis weight.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

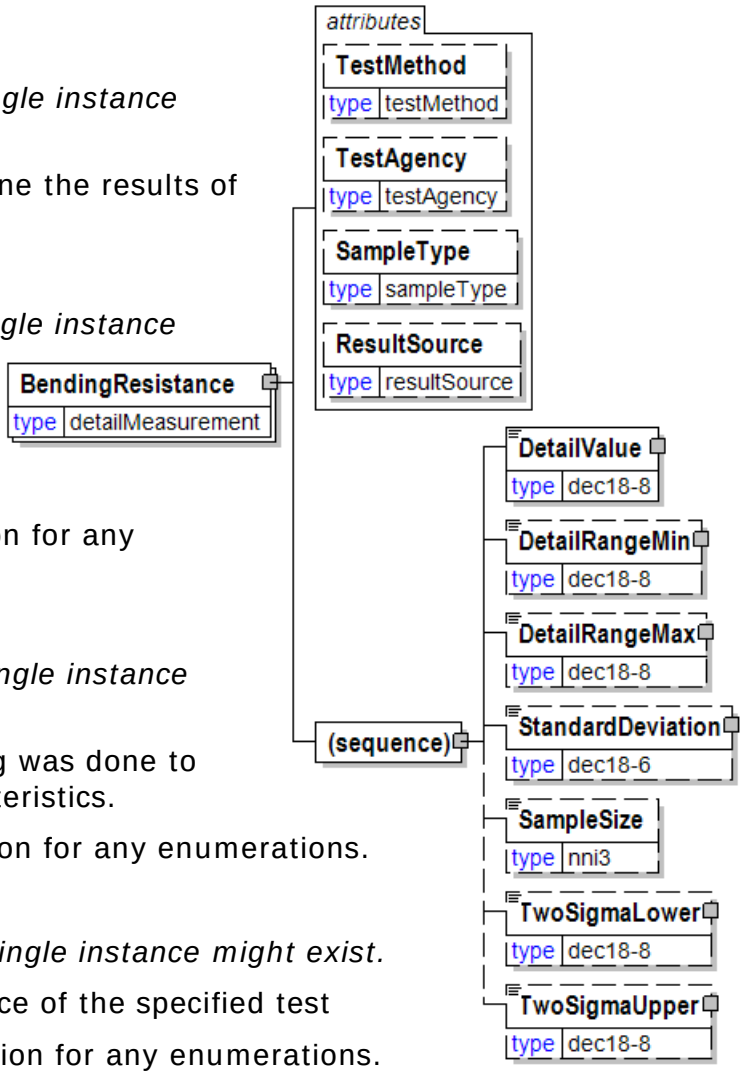
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

BendingResistance

Bending resistance



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

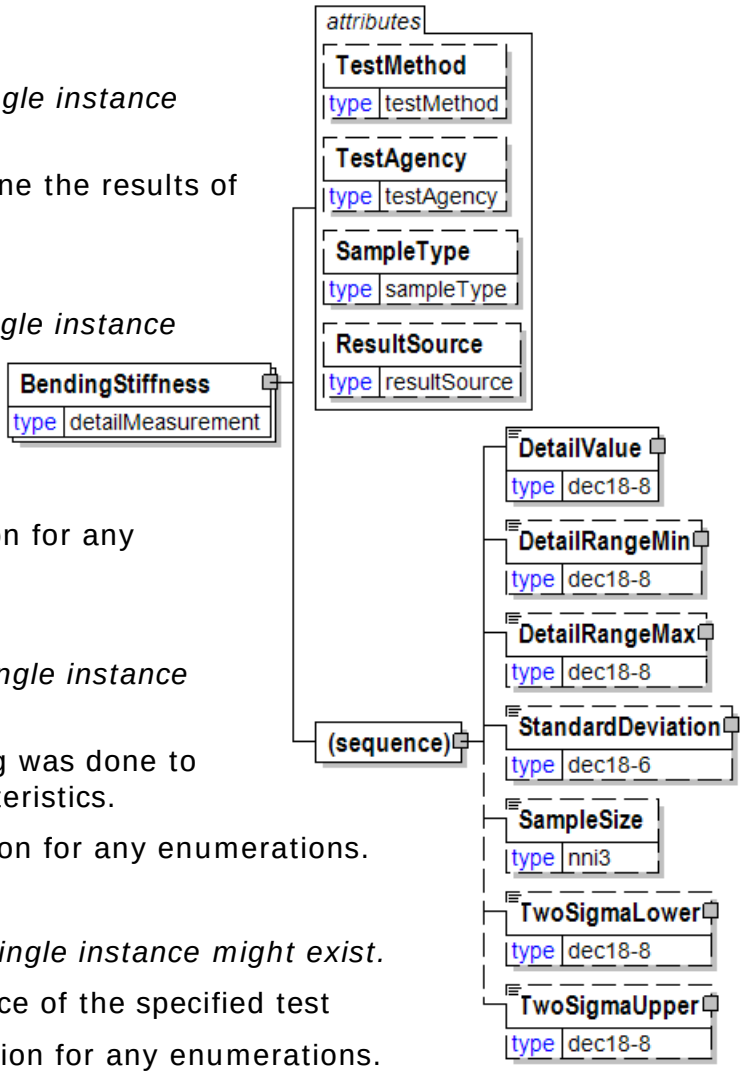
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

BendingStiffness

BendingStiffness



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

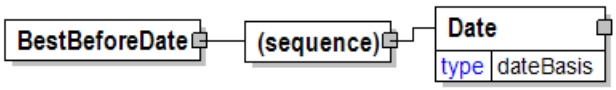
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

BestBeforeDate

The date, prior to which, the product is suggested to be used.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

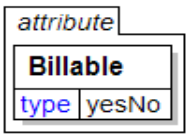
Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Billable [attribute]

Either "Yes" or "No".

This item is restricted to the following list.

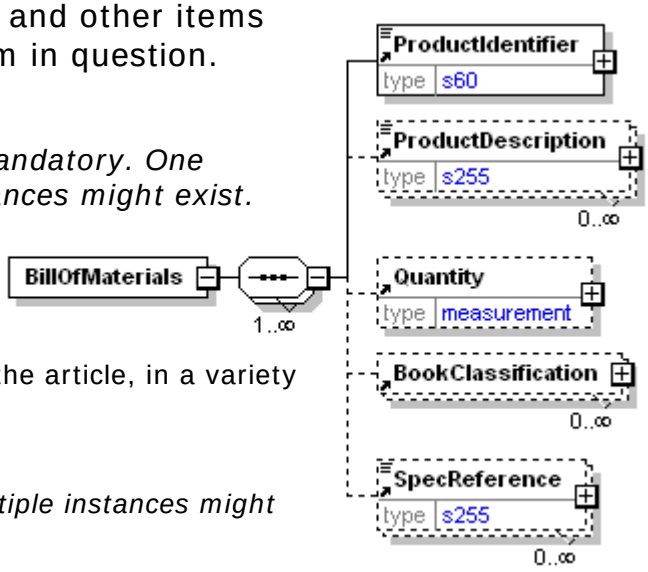


Yes

No

BillOfMaterials

A specification of the components and other items that are used to produced the item in question.



(sequence)

The sequence of items below is mandatory. One instance is required, multiple instances might exist.

ProductIdentifier

ProductIdentifier is mandatory. A single instance is required.

Used to communicate the code of the article, in a variety of formats designated by the type.

ProductDescription

ProductDescription is optional. Multiple instances might exist.

An element used to communicate a human readable description of the product in the language specified by the Language attribute.

Quantity

Quantity is optional. A single instance might exist.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

BookClassification

BookClassificationt is optional. Multiple instances might exist.

Category under which the product or a component within the product is classified.

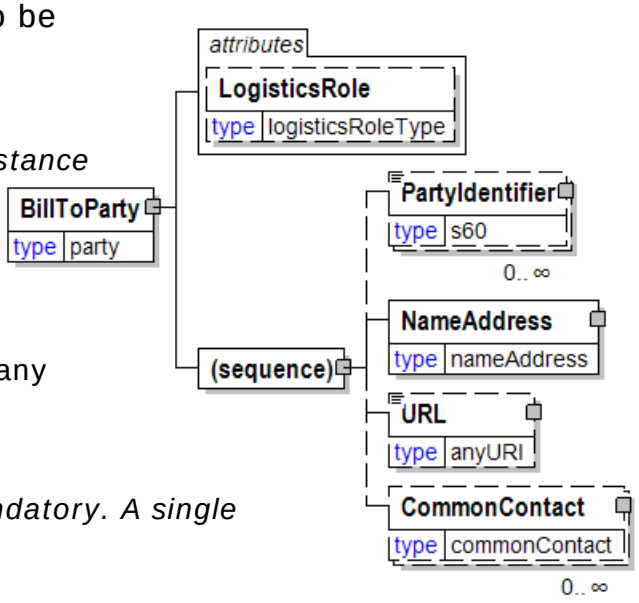
SpecReference

SpecReference is optional. Multiple instances might exist.

Used to identify any external or associated documents, identifiers, etc.

BillToParty

The address where the Invoice is to be sent.



LogisticsRole [attribute]

LogisticsRole is optional. A single instance might exist.

Communicates the nature of the logistics role, if any, the party plays in the transaction.

Refer to LogisticsRole definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PartyIdentifier

PartyIdentifier is optional. Multiple instances might exist.

A unique identifier of a specific party. This element contains an attribute PartyIdentifierType that indicates the type of party.

NameAddress

NameAddress is mandatory. A single instance is required.

A group item containing name and address of an organisation or business entity.

URL

URL is optional. A single instance might exist.

Universal Resource Locator. While typically a web address you could use this field to hold an email address.

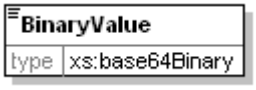
CommonContact

CommonContact is optional. Multiple instances might exist.

Identifies a specific individual associated with the party.

BinaryValue

A value in base-64-encoded binary format.



BindingBackingType [attribute]

Specifies the shape of the book spine during the binding operation.

This item is restricted to the following list.

Round

Spine shape is rounded before cover is applied; used primarily for hardcover books.

Flat

Spine shape is flattened before cover is applied, used primarily for softcover books.

BindingBackStyleType [attribute]

Specifies that the book cover is either attached or detached from the spine.

This item is restricted to the following list.

Tight

Specifies the book cover is attached to the spine.

Loose

Specifies the book cover is detached from the spine.

BindingCoverScoring [attribute]

Indicates if scoring of the front cover close to the spine allowing the cover to easily stay open is required.

This item is restricted to the following list.

Yes

Scoring is required.

No

Scoring is not required.

BindingExtras

Binding extras

EdgeLocationType [attribute]

EdgeLocationType is optional. A single instance might exist.

Edge location type.

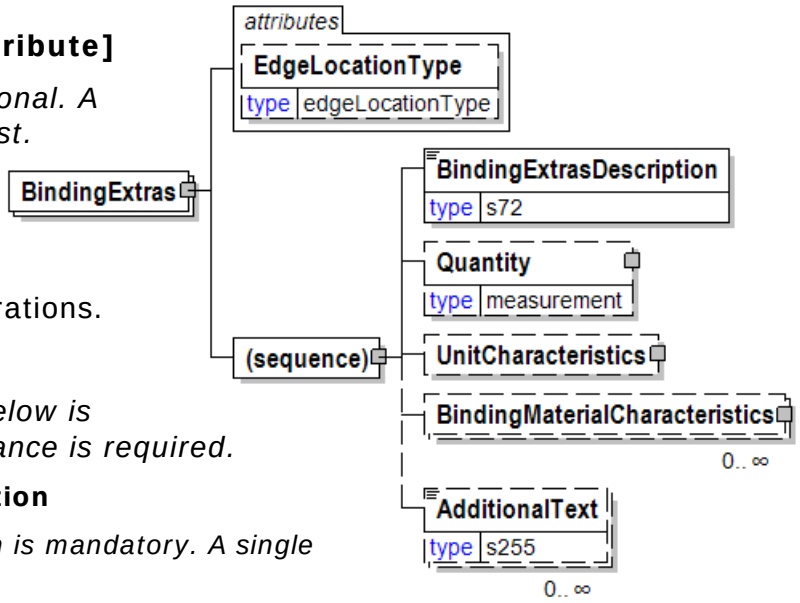
Refer to EdgeLocationType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

BindingExtrasDescription

BindingExtrasDescription is mandatory. A single instance is required.



Binding Extras Description

Quantity

Quantity is optional. A single instance might exist.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

UnitCharacteristics

UnitCharacteristics is optional. A single instance might exist.

Unit characteristics.

BindingMaterialCharacteristics

BindingMaterialCharacteristics is optional. Multiple instances might exist.

Binding Material Characteristics

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

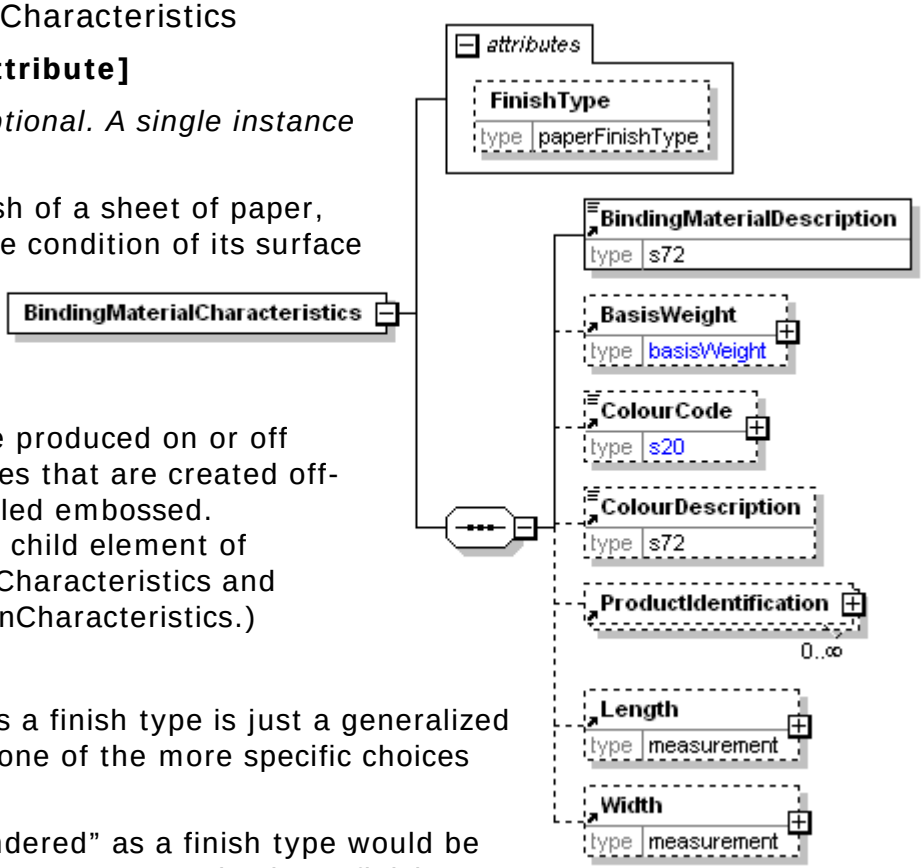
BindingExtrasDescription

Binding Extras Description



BindingMaterialCharacteristics

Binding Material Characteristics



FinishType [attribute]

FinishType is optional. A single instance might exist.

Defines the finish of a sheet of paper, which means the condition of its surface (refer to Embossing for more information).

Finishes may be produced on or off machine. Finishes that are created off-machine are called embossed. (Embossing is a child element of ReelConversionCharacteristics and SheetConversionCharacteristics.)

Note:

Embossed" as a finish type is just a generalized choice for one of the more specific choices listed.

Unsupercalendered" as a finish type would be indicated by not communicating a finish type.

Refer to FinishType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

BindingMaterialDescription

BindingMaterialDescription is mandatory. A single instance is required.

Specifications for the materials used in binding.

BasisWeight

BasisWeight is optional. A single instance might exist.

The weight of the paper expressed as a mass for a given surface area. In countries using the metric system, the basis weight is expressed as the weight in grams of one sheet of paper that is one square meter in area—not dependent on basic sheet size. In countries using the imperial system, the weight is expressed in pounds for a given ProductBasisSizeType.

ColourCode

ColourCode is optional. A single instance might exist.

A code indicating the colour.

ColourDescription

ColourDescription is optional. A single instance might exist.

A free form description of the colour.

ProductIdentification

ProductIdentification is optional. Multiple instances might exist.

A grouping element designed to communicate product identification related to the parent element that contains this item.

Length

Length is optional. A single instance might exist

The length of the object.

Width

Width is optional. A single instance might exist

The width of the object.

BindingMaterialDescription

Specifications for the materials used in binding.

BindingReinforcement [attribute]

Specifies if spine reinforcement materials are included in the binding operation.

This item is restricted to the following list.

Yes

Reinforcement materials are required.

No

Reinforcement materials are not required.

BindingRibbon [attribute]

Specifies if a ribbon (bookmark) is to be included in the binding.

This item is restricted to the following list.

Yes

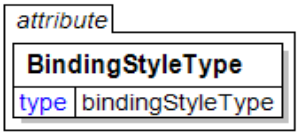
Ribbons are included.

No

Ribbons are not included.

BindingStyleType [attribute]

Indicates the style of binding used.



This item is restricted to the following list.

Accordion

Pages of the book are formed by folding the paper in zig-zag form and the cover is applied to each end; this type of binding allows the book to stand firmly on the head or foot edges.

Adhesive

Type of binding in which single leaves are secured together solely with an adhesive applied to the spine.

AdhesiveBurst

A line of slots is cut from the spine at the fold so that the glue adheres to the cut edge of each slot; sections are not milled before gluing.

Will be deprecated in version V3R00.

AdhesiveSewn

Softcover book where the pages are sewn prior to the cover being applied using with adhesives.

BoardBook

Cover and pages of the book printed on thick paperboard.

BookLock

Alternating left-right perforations along the sides of the spine, the alternating protruding flaps along the spine when the signature is folded and the casting of these alternating flaps into the spine glue.

Burst

The spine of each section is slotted or perforated during the folding operation. Glue is pushed up between the perforations during binding and the cover is then drawn on.

CombinationBinding

Will be deprecated in version V3R00.

Custom

Highly stylized binding in an unusual way compared to standard manufacturing.

Durasew

Will be deprecated in version V3R00.

FlexiBind

A system for binding books includes a flexible binding material in the form of a stud having top and bottom caps.

IMS

Will be deprecated in version V3R00.

LayFlatSoft

Will be deprecated in version V3R00.

See LayFlatBind

LayflatBind

Softcover book where the cover is glued only to the sides of the spine so that the book can lay flat when open. A strip of gauze is glued to the spine edge of the book block to hold the signatures or pages together.

LooseLeaf

Consisting of loose leaves (pages), often collected in a binder, rather than being bound like a book or stap.

McCainSideSewn

Brand Name of the machine used for Sidesewn bookbinding; see SideSewn

Will be deprecated in version V3R00.

Notch

The gouging of grooves (commonly G inch wide) in the spine of a book block to facilitate the penetration of adhesive during subsequent perfect binding.

Pad

A number of sheets of paper fastened together along one edge.

Patent

Will be deprecated in version V3R00.

PerfectAdhesive

Will be deprecated in version V3R00.

See PerfectBound

PerfectBound

A process in which the binding edge of the folded sections of a book are trimmed (to separate the leaves) before being glued to the cover's spine.

PlasticComb

Mechanical binding in which the pages are bound together by means of a plastic comb consisting of a plastic strip off which extend a series of curved plastic prongs, which are inserted into drilled or punched holes along the binding edge of the pages.

Repkover

Brand Name of the machine used for layflat bookbinding; see LayflatBind

Will be deprecated in version V3R00.

Ring

Binding technique where pages are punched or drilled at one edge and inserted into two or more metal rings held inside a stiff cover.

RoundBound

Will be deprecated in version V3R00.

SaddleStitch

Method of binding a small booklet by stitching it through the center fold of the sheets that comprise its pages; stitching materials can be regular binding thread, saddle wire, or staples.

SaddleWire

SaddleStitch bindng using wire staples.

SelfCover

Will be deprecated in version V3R00.

SemiConcealedWireO

WireO binding where the wire is partially visible in the spine of the book.

SideSewn

Compiled signatures are sewn together with stitches running top down through the book block and parallel to the binding edge.

Sidewire

Stapling through the sides of the folded sheets.

SmythSewn

Brand name for ThreadSewing equipment: see ThreadSewn.

Spiral

A continuous wire or plastic coil is threaded through holes drilled or punched along the binding side of the book including the separate front and back covers.

SpiralHardFrontHardBack

Spiral binding with separate case covers on the front and back of the book.

SpiralSoftFrontHardBack

Spiral binding with a soft /paper cover on the front and a case cover on the back.

SpiralSoftFrontSoftBack

Spiral binding with separate soft /paper covers on the front and back

SquareBackSaddleWire

Saddlewire binding method where the spine is flattened rather than folded.

Thermal

Binding method that uses a one piece cover with glue down the spine to quickly and easily bind documents.

Threadseal

The spine of each individual signature is stitched or stapled with a plastic coated thread, then the threads are sealed with an application of heat.

ThreadSewn

Binding process where all of the signatures are sewn individually together with threads going through each page several times.

Trim4SideDrill

All 4 sides of the book block are trimmed and then holepunched.

Will be deprecated in version V3R00.

TrimFourSides

All 4 sides of the book block are trimmed.

Will be deprecated in version V3R00.

UltraFan

Will be deprecated in version V3R00.

WireO

Punch-and-bind spiral wire binding where there are twin-loops of wire as opposed to single-loop in typical spiral binding.

WireOConcealed

WireO binding where the wire is concealed in the spine of the book

Other

BindingType [attribute]

Identifies the primary binding category of the book.

This item is restricted to the following list.

Hardcover

Method of binding where the pages are bound between rigid boards covered in cloth, paper, leather, or film.

Softcover

Having covers made of paper or thin cardboard.

Layflat

Method of perfect binding that allows a publication to lie fully open.

Loose

Finished product consists of loose pages or signatures rather than bound; example is a packet of loose leaf pages that are drilled for insertion into a ring binder.

Mechanical

Method of binding which secures pre-trimmed leaves by the insertion of wire or plastic spirals through holes drilled in the binding edge.

Self

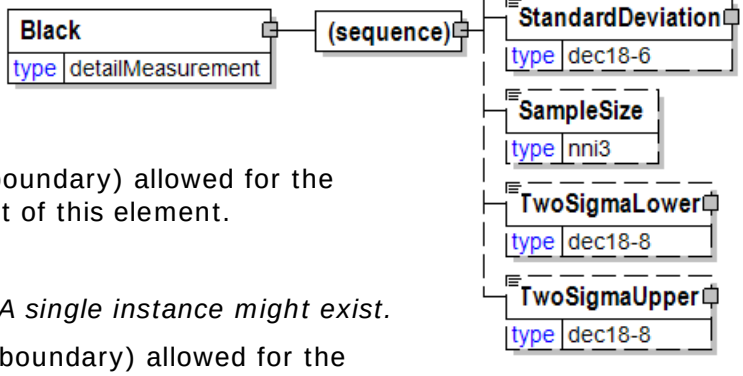
Method of binding where the cover is comprised of the outside pages of the text.

Black

The Black component of a colour.

(sequence)

The sequence of items below is mandatory. A single instance is required.



DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

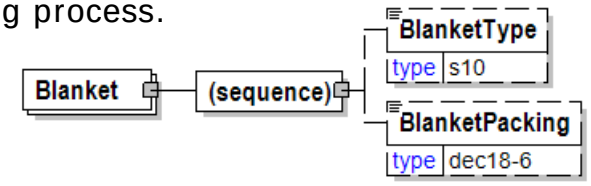
Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

Blanket

Blanket is a group element that contains elements that describe this component of the printing process.

(sequence)

The sequence of items below is mandatory. A single instance is required.



BlanketType

BlanketType is optional. A single instance might exist.

Rubber coated pad mounted on the cylinder of an offset press that receives the inked image and transfers it to the print surface.

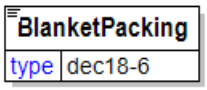
BlanketPacking

BlanketPacking is optional. A single instance might exist.

The thickness of the paper that is placed between the cylinder and the blanket to obtain the proper pressure for printing. Usually this ranges from .010 to .008 inches.

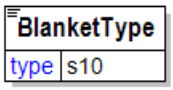
BlanketPacking

The thickness of the paper that is placed between the cylinder and the blanket to obtain the proper pressure for printing. Usually this ranges from .010 to .008 inches.



BlanketType

Rubber coated pad mounted on the cylinder of an offset press that receives the inked image and transfers it to the print surface.



BleachingProcess [attribute]

Communicates the type of bleaching process used to make the pulp fibre



This item is restricted to the following list.

ChlorineBleached

The product is bleached using chlorine.

ElementaryChlorineFree

The product is bleached using a process that does not use chlorine in its basic or elementary form.

TotallyChlorineFree

The product is bleached using a process that does not use chlorine in either its basic (elementary form) or in its bound (compound form),

Unbleached

The product has not gone through a bleaching process.

Bleed [attribute]

Specifies if the printing of an illustration, design, or text to the edge of the page.

This item is restricted to the following list.

Yes

Bleeds are present in the printing.

No

Bleeds are not present in the printing.

Blue

The “Blue” portion of the method of representing colour termed RGB.

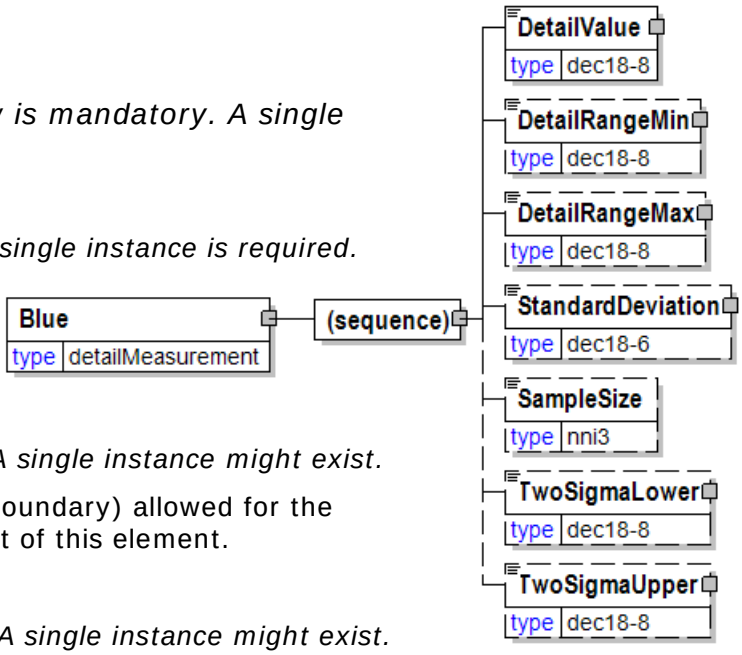
(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).



DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

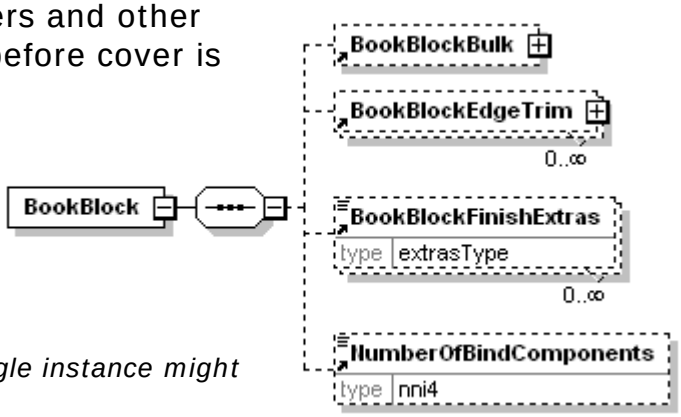
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

BookBlock

The text block plus the endpapers and other materials added by the binder before cover is applied.



(sequence)

The sequence of items below is mandatory. A single instance is required.

BookBlockBulk

BookBlockBulk is optional. A single instance might exist.

Measurement of the thickness of the book block.

BookBlockEdgeTrim

BookBlockEdgeTrim is optional. Multiple instances might exist.

Specifications for the trimming the edges of the book.

BookBlockFinishExtras

BookBlockFinishExtras is optional. Multiple instances might exist.

Additional instructions for finishing.

Refer to BookBlockFinishExtras definition for any enumerations.

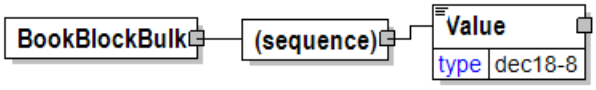
NumberOfBindComponents

NumberOfBindComponents is optional. A single instance might exist.

Total number of components contained in the book block.

BookBlockBulk

Measurement of the thickness of the book block.



(sequence)

The sequence of items below is mandatory. A single instance is required.

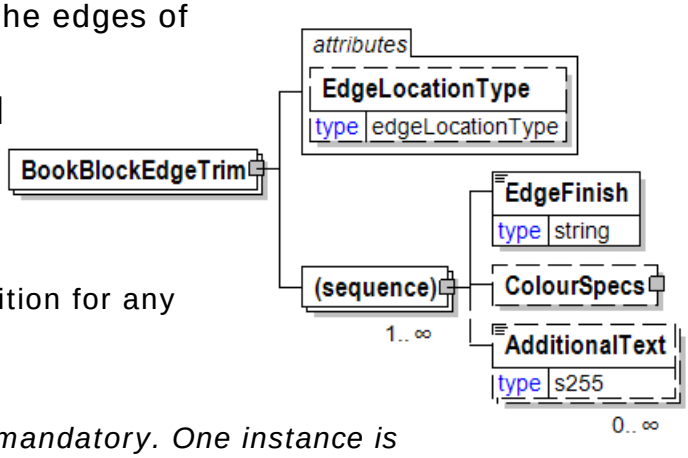
Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

BookBlockEdgeTrim

Specifications for the trimming the edges of the book.



EdgeLocationType [attribute]

EdgeLocationType is optional. A single instance might exist.

Edge location type.

Refer to EdgeLocationType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. One instance is required, multiple instances might exist.

EdgeFinish

EdgeFinish is mandatory. A single instance is required.

The finish applied to the edge.

Refer to EdgeFinish definition for any enumerations.

ColourSpecs

ColourSpecs is optional. A single instance might exist.

Colour specs

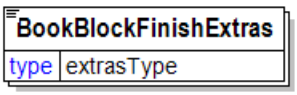
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

BookBlockFinishExtras

Additional instructions for finishing.



This item is restricted to the following list.

DieCut

Cut irregular shapes in paper or paperboard using a die.

RoundedCorners

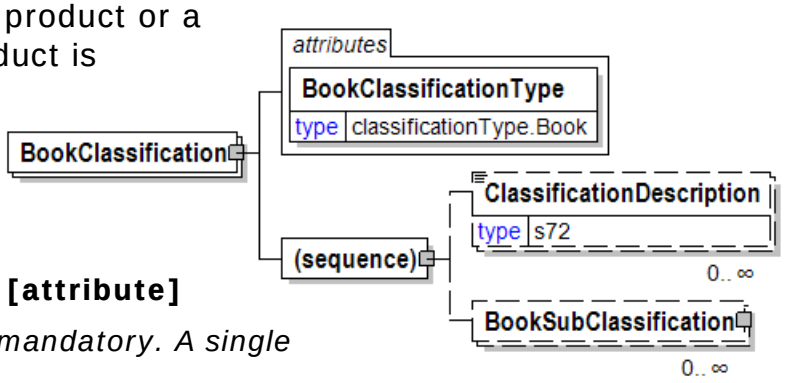
Process of using a die to cut the thumb-edge corners into a rounded shape.

ThumbCuts

Notch on the open ends of a page making it easy to grasp.ThumbCuts.

BookClassification

Category under which the product or a component within the product is classified.



BookClassificationType [attribute]

BookClassificationType is mandatory. A single instance is required.

Category under which the product or a component within the product is classified.

Refer to BookClassificationType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ClassificationDescription

ClassificationDescription is optional. Multiple instances might exist.

A free form description of the classification.

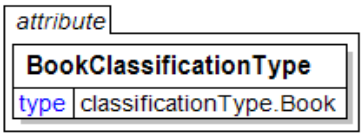
BookSubClassification

BookSubClassification is optional. Multiple instances might exist.

Sub Category of the BookClassification under which the product or a component within the product is classified.

BookClassificationType [attribute]

Category under which the product or a component within the product is classified.



This item is restricted to the following list.

Assembly

A finished product or component consisting of components that have been fitted together.

Audio

Audio component such as an audio CD or DVD containing recording of acoustic signals.

Binding

Component used in the book binding process.

Book

Written work or composition printed on pages bound together that have been published.

Box

A container with a flat base and sides, typically square or rectangular and

having a lid or flaps that close.

Cover

Component used as a protective covering to bind together the pages of a book.

Electronic

Device or technology associated with or employing low voltage current and solid state integrated circuits or components, usually for transmission and/or processing of analog or digital data

Endsheet

The pages at the beginning and end of a volume are added to both protect the textblock and to secure it into the cover.

Envelope

A paper or cardboard wrapper used to enclose and small, flat items such as a letter for mailing.

FinishedGoods

Goods that have completed the manufacturing process but have not yet been sold or distributed to the end user.

Insert

A loose page or section that is manufactured separately from the text pages.

Jacket

A paper cover sometimes called the "dust cover" of a hardbound book.

Kit

Assembled components that comprise a finished product or package.

Label

A piece of paper, polymer, cloth, metal, or other material affixed to a container or article, on which is printed a legend, information concerning the product, addresses, etc. A label may also be printed directly on the container or article.

Material

Tangible substance that goes into the makeup of the finished product.

Media

Films, tapes, and other audio-visual materials that require the use of special listening or viewing equipment.

MediaHolder

Device specifically designed to hold the media material.

MultiVolumeSet

Product that is comprised of multiple books/volumes.

Other

Part of a finished product that is not a book component such as a toy. The ClassificationDescription can be used to describe the part in more detail.

Packaging

Materials used for the containment, protection, handling, delivery and presentation of goods and the activities of placing and securing goods in those materials.

Prep

Materials or files required in the preparation for printing.

SlipCase

Four or five-sided box, usually made of high-quality cardboard, into which binders, books or book sets are slipped for protection.

Text

The main body of a book or other piece of writing.

Video

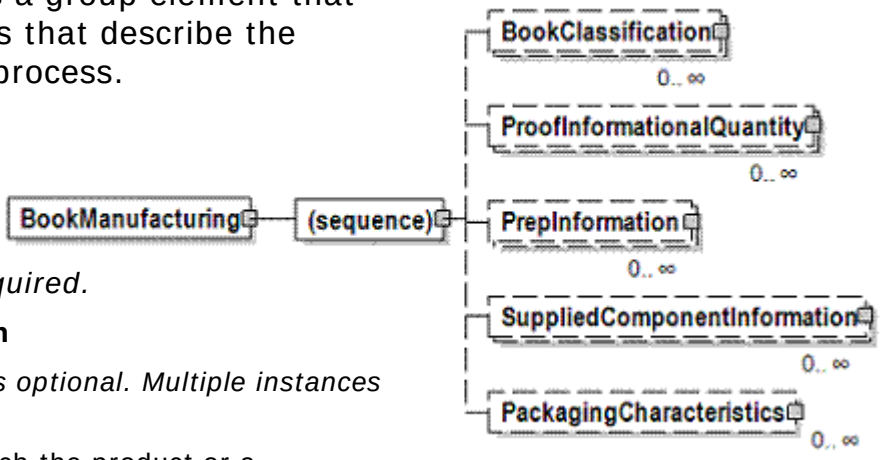
Video component such as a CD or DVD containing moving visual images.

Wrap

The covering (usually paper or cellophane) in which something is wrapped.

BookManufacturing

BookManufacturing is a group element that contains the elements that describe the book manufacturing process.



(sequence)

The sequence of items below is mandatory. A single instance is required.

BookClassification

BookClassification is optional. Multiple instances might exist.

Category under which the product or a component within the product is classified.

ProofInformationalQuantity

ProofInformationalQuantity is optional. Multiple instances might exist.

ProofInformationalQuantity

PrepInformation

PrepInformation is optional. Multiple instances might exist.

Information related to the preparation of the Book.

SuppliedComponentInformation

SuppliedComponentInformation is optional. Multiple instances might exist.

Information about components supplied by the publisher to the vendor i.e. paper supplied to the print vendor or jackets supplied to the bind vendor.

PackagingCharacteristics

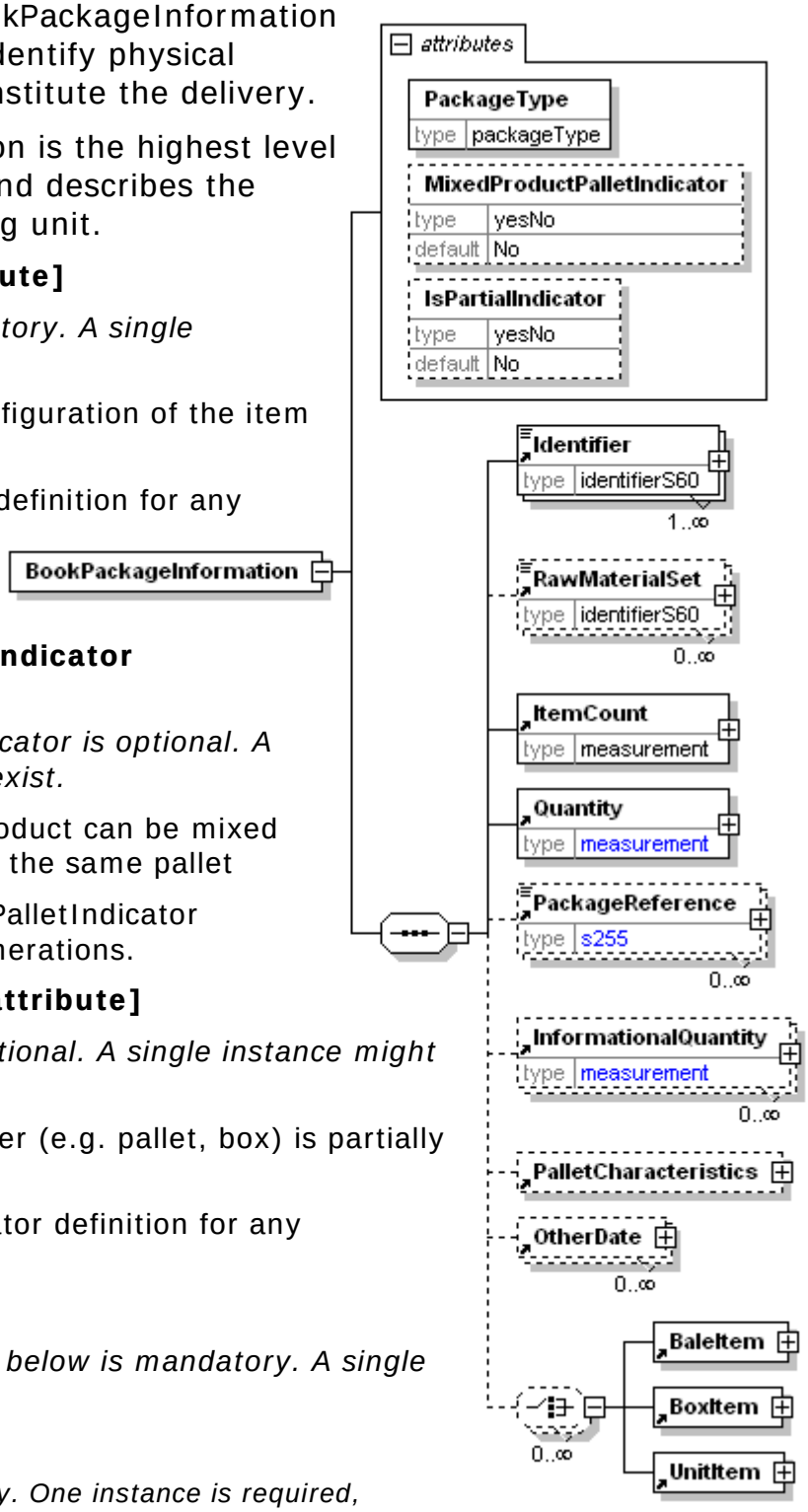
PackagingCharacteristics is optional and repeatable.

An element containing carton or pallet packing information. PackagingCharacteristics can either have the BoxCharacteristics or PalletPackagingCharacteristics element not both.

BookPackageInformation

The purpose of the BookPackageInformation structure is to clearly identify physical handling items that constitute the delivery.

BookPackageInformation is the highest level of product packaging and describes the shipping or warehousing unit.



PackageType [attribute]

PackageType is mandatory. A single instance is required.

Communicates the configuration of the item being reported.

Refer to PackageType definition for any enumerations.

MixedProductPalletIndicator [attribute]

MixedProductPalletIndicator is optional. A single instance might exist.

Specifies whether a product can be mixed with other products on the same pallet

Refer to MixedProductPalletIndicator definition for any enumerations.

IsPartialIndicator [attribute]

IsPartialIndicator is optional. A single instance might exist.

Specifies if the container (e.g. pallet, box) is partially full or not.

Refer to IsPartialIndicator definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Identifier

Identifier is mandatory. One instance is required, multiple instances might exist.

An Identifier is required for packages and items (pallets, reel packages, boxes,

ream items, reel items, etc). The Identifier element contains the actual item identifier code. Identifier is repeatable so more than one identifier can be communicated. For example, the printed identifier on a label may be different from the barcode printed on the label.

RawMaterialSet

RawMaterialSet is optional. Multiple instances might exist.

This identifier derived element indicates a grouping of raw materials that were used to manufacture the product.

ItemCount

ItemCount is mandatory. A single instance is required.

A count of the number of items (examples: a count of the number of boxes on a pallet or of reams in a box).

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

PackageReference

PackageReference is optional. Multiple instances might exist.

An element detailing the relevant references pertaining to a package. The type of reference is identified by the attributes PackageReferenceType and AssignedBy.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

PalletCharacteristics

PalletCharacteristics is optional. A single instance might exist.

A group item that provides pallet detail information.

OtherDate

OtherDate is optional. Multiple instances might exist.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

(choice)

[choice] is optional because of choice construct.

BaleItem

BaleItem is optional because of choice construct.

An individual bale included as part of a delivery.

BoxItem

BoxItem is optional because of choice construct.

A four-sided container for reams or sheet items. A pallet can contain zero or more boxes. The term Carton is a synonym for BoxItem. The term “Box” is used as constraint within the ItemType attribute of the UsageLineItemDetail to refer to a box that contains other boxes.

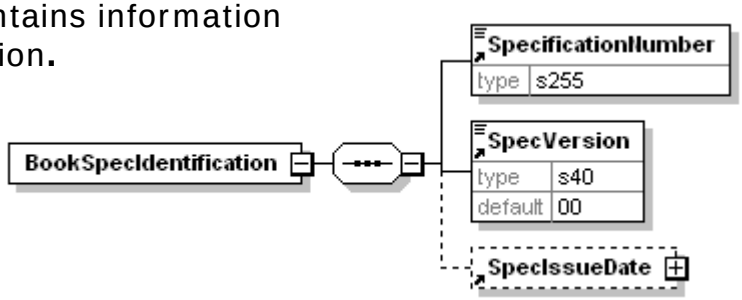
UnitItem

UnitItem is optional because of choice construct.

Unit Item.

BookSpecIdentification

A grouping element that contains information identifying a book specification**.**



(sequence)

The sequence of items below is mandatory. A single instance is required.

SpecificationNumber

SpecificationNumber is mandatory. A single instance is required.

Specification Number

SpecVersion

SpecVersion is mandatory. A single instance is required.

The specification version

SpecIssueDate

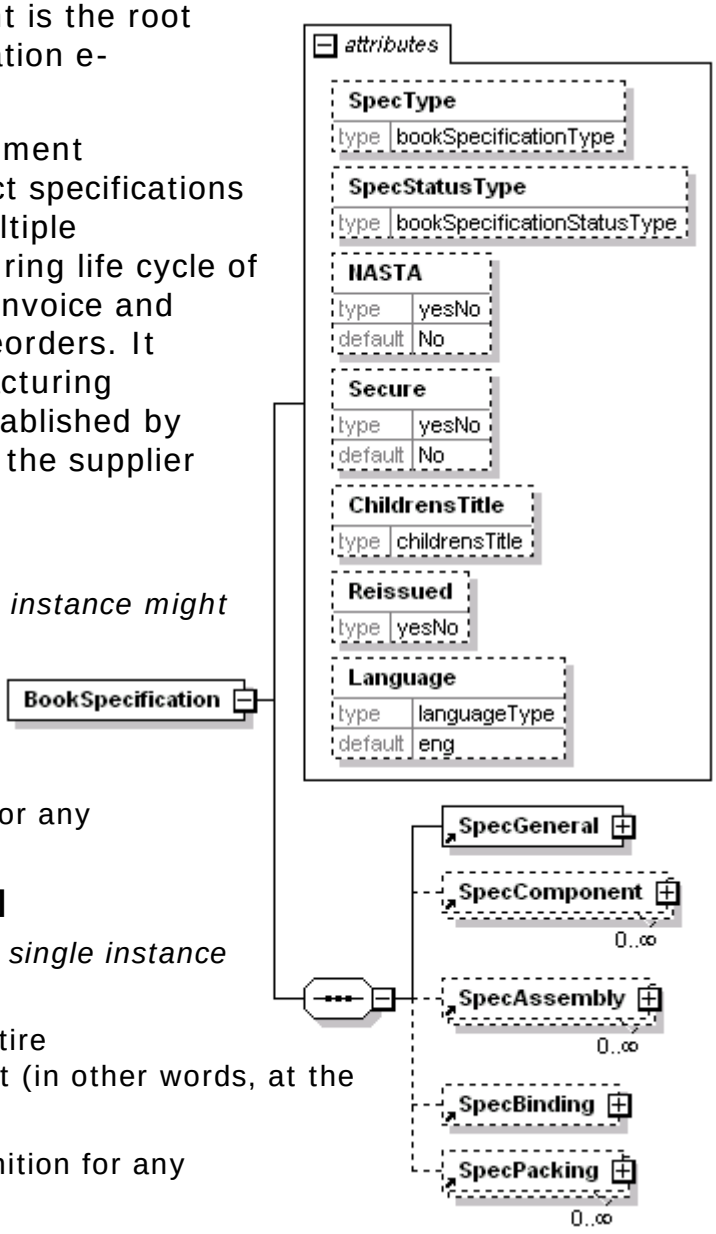
SpecIssueDate is optional. A single instance might exist.

Used to identify the issue date of this BookSpecifiaction.

BookSpecification

The BookSpecification element is the root element for the BookSpecification e-Document.

The BookSpecification e-Document represents established product specifications that can be referenced by multiple transactions in the manufacturing life cycle of a product from RFQ through Invoice and subsequent reprints and/or reorders. It captures unique book manufacturing industry data elements as established by the buyer that are needed by the supplier for manufacturing.



SpecType [attribute]

SpecType is optional. A single instance might exist.

Used to identify what type of BookSpecification e-Document this transaction is.

Refer to SpecType definition for any enumerations.

SpecStatusType [attribute]

SpecStatusType is optional. A single instance might exist.

Identifies the status of the entire BookSpecification e-Document (in other words, at the root level).

Refer to SpecStatusType definition for any enumerations.

NASTA [attribute]

NASTA is optional. A single instance might exist.

Indicates if the specification must conform to the NASTA (National Association of State Textbook Administrators) requirements.

Refer to NASTA definition for any enumerations.

ChildrensTitle [attribute]

ChildrensTitle is optional. A single instance might exist.

Specifies if the book product is designated for use by children 12 and under or not.

Refer to ChildrensTitle definition for any enumerations.

Secure [attribute]

Secure is optional. A single instance might exist.

This attribute indicates that the product requires a secure manufacturing plant. For example when manufacturing ACT booklets and other testing products.

Refer to Secure definition for any enumerations.

Reissued [attribute]

Reissued is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Reissued definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

SpecGeneral

SpecGeneral is mandatory. A single instance is required.

Spec General

SpecComponent

SpecComponent is optional. Multiple instances might exist.

Group element used to identify all the necessary component information for this BookSpecification.

Each occurrence of this construct identifies a single component.

SpecAssembly

SpecAssembly is optional. Multiple instances might exist.

SpecAssembly contains assemblies that are used in the manufacturing of books.

SpecBinding

SpecBinding is optional. A single instance might exist.

SpecBinding describes the binding process.

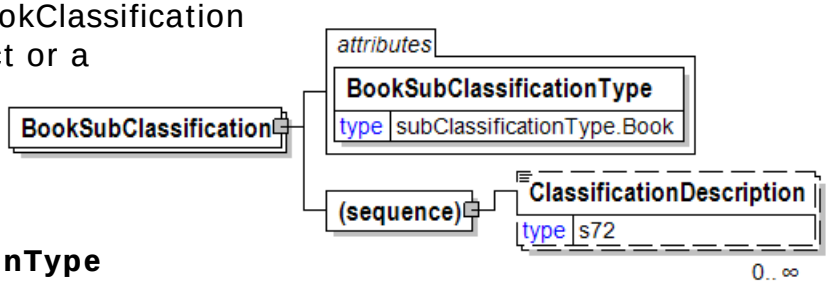
SpecPacking

SpecPacking is optional. Multiple instances might exist.

SpecPacking defines the book packaging parameters.

BookSubClassification

Sub Category of the BookClassification under which the product or a component within the product is classified.



BookSubClassificationType [attribute]

BookSubClassificationType is mandatory. A single instance is required.

Sub Category of the BookClassification under which the product or a component within the product is classified.

Refer to BookSubClassificationType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

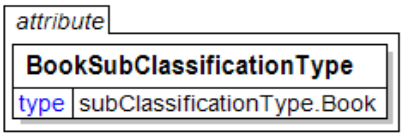
ClassificationDescription

ClassificationDescription is optional. Multiple instances might exist.

A free form description of the classification.

BookSubClassificationType [attribute]

Sub Category of the BookClassification under which the product or a component within the product is classified.



This item is restricted to the following list.

2PieceCarton

Type of box where there is a lid that is separate from the bottom.

AccessCode

A printed card or page that contains a unique code for the purpose of accessing a secure service or device

Acetate

Component produced with Acetate material which is a transparent or translucent plastic sheet material of a variety of colors, used as a basis for artwork and overlays.

AdvertisingBrochure

Component printed for purpose of advertising.

Album

Product manufactured with loose-leaf pages bound by drilling (hole punching).

Assembly

Product that requires assembly to complete the finished good that usually includes the book and other items such as CDs, toys, etc.

Audio

Audio is a form of multimedia that allows the listener to hear information.

BackCoverPanelwShrinkwrap

Component packaged on the back cover of the book by shrinkwrapping.

BackMatter

Printed matter (usually explanatory) following the main body text of a book, e.g. appendices, bibliography, index etc.

BarCode

Printed matter (usually explanatory) following the main body text of a book, e.g. appendices, bibliography, index etc.

BellyBand

Small strip of paper that wraps around the cover of a book like a dust jacket that usually contains brief publishing information, such as price, printing statement, etc.

also known as a "book band" or "jacket band".

Binder

A cover or holder for unbound papers, pages etc.

Binding

Process of physically assembling a book from a number of folded or unfolded sheets of paper or other material; it also usually involves attaching covers to the resulting book-block.

Bind-inSleeve

Plastic or paper insert that contains a pocket for holding a CD or DVD and is bound inside of the book.

BlisterPak

Pre-formed clear plastic packaging.

BlownIn

Printed promotional piece that is inserted by machine using a "fanning" process during the final production stage of a publication.

BluRay

An optical disc storage medium designed to supersede the standard DVD format.

Book

A written work or composition that has been published (printed on pages bound together).

Bookblock

The gathered and glued or sewn signatures, inserts and other components of the book before the cover is added.

Bookmark

A marker (a piece of paper or ribbon) placed between the pages of a book to

mark the reader's place.

Bound

Secured with a cover or binding.

Box

Box describes a variety of containers and receptacles.

BoxWrap

Material for wrapping the box.

Brochure

A booklet of printed informational matter, like a pamphlet, often for promotional purposes.

BubbleBag

Bags made from bubble cushioning material constructed of pockets of air locked between a top and bottom layer of linear low density polyethylene film.

Card

Type of insert that is ususally printed on heavy card stock and placed somewhere in the finished product.

Carton

A specific type of box or container usually made of paperboard and often of corrugated paperboard in which the finished product is packaged.

CaseCover

The cover of a Hardback (casebound) book, usually made of cloth or similar material and boards.

Cassette

A container that holds a magnetic tape used for recording or playing sound or video.

CassetteHolder

A holder ususally made of plastic designed to hold the cassette.

CD

Compact Disc; High density storage media based on a 4.75" reflective optical disc.

CD-ROM

Version of the CD that allows the information to be stored and retrieved; once a CD-ROM is pressed, new data cannot be stored and the disc cannot be erased for reuse.

Cloth

Material used for making a casecover.

CompanyOwnedStock

Refers to material that is owned by the publisher.

Cover

Material used on the outside of the book block; refers to the front, back and spine of the book.

CoverBack

Indicates the back cover location.

CoverFront

Indicates the front cover location.

Disk

Generic term for Diskettes, CDs, DVDs.

Diskette

A flexible, oxide-coated disk used to store data.

DisketteSleeve

Plastic or paper insert that contains a pocket for holding the diskette.

Divider

Type of insert that is ususally printed on heavy paper and used to divide sections or chapters of a book.

Documentation

The systematic collection of research materials via writing, interviewing, audio and video recording, and photography.

DoubleWallCarton

Corrugated card consisting of a layer of paper / corrugated paper / paper / corrugated paper and finally another layer of paper.

DVD

Digital Versatile Disk; high-capacity optical disk that looks like a CD, but can store much more information.

EconoWrap

A 'fit to book size' low cost thin layer paper container used to package a single book.

EndSheet

Four pages each at the beginning and end of a casebound book, one leaf of each being solidly pasted against the inside board of the case; stock is stronger and heavier than text stock and may be white or colored stock, printed or unprinted. Also called Endpapers, End-leaves or Lining Papers.

EndsheetBack

Specifies the Endsheet that is used to attach the back cover to the book block.

EndsheetFront

Specifies the Endsheet that is used to attach the front cover to the book block.

Envelope

Packaging product, usually made of flat, planar material such as paper or cardboard, and designed to contain a flat object, which in a postal-service context is usually a letter, card or bills.

FinishedGood

Completed products awaiting sale.

FlatSheet

State of a printed sheetfed component before the flatcut/trimming process.

FoldedAndGatheredSig

State of the signature before the trimming process.

FrontMatter

Printed matter preceding the main body text of a book, e.g. teacher's guide.

Gatefold

Flap from the fore-edge, with a fold running parallel to the spine of the book. The finished page is marginally smaller than the normal trimmed page. A double fold, usually of card or heavy board, from the two outside edges of a folder. The two folded pages meet in the centre of the page, edge to edge, rather like a double gate.

HalfJacket

Component, similar to a Jacket, placed around a book to protect the cover; the difference is that this component only partially covers the cover and is glued inside.

Handbook

A reference book that provides concise, useful data and other information on a specific subject.

HollowWrap

A 'fit to book size' low cost paperboard and fluted material container used to package a single book.

Insert

Specially printed piece for insertion in a publication.

Jacket

Component placed around a case-bound book to protect the cover.

Jcard

Paper card that forms a “J” shape when folded, similar to a Ucard, that is inserted in the plastic storage case of mostpre-recorded audio cassette releases; the j-card usually contains an image of the album cover, a track listing, credits, and copyright information.

JewelCase

The hinged plastic case in which most CDs are often stored.

Jiffy

Thick envelope.

Jwrap

Cover-like wrapper that is used to wrap gathered and trimmed signatures.

Label

Piece of paper, polymer, cloth, metal, or other material affixed to a container or article, on which is printed a legend, information concerning the product, addresses, etc.; a label may also be printed directly on the container or article.

LaserDisc

A record-like storage medium that uses analogue and laser optical technology to store images.

Liner-Corrugation

Generic term for any paper that functions as a covering for other paper or board material through adhesion, making it a part of the finished product.

Loose

Insert that is not bound into the book.

MakeReady

Machine preparation for each operation in the manufacturing process.

Map

Visual representation of an area.

Material

Refers to paper, cloth or other tangible substance used in the manufacturing of the component or finished good.

Media

Storage devices for audio, video.

MediaHolder

Holder designed for storing/protection of the media.

OWrap

Wrap that fully circles the book (head to foot) and is usually used on shrinkwrapped products.

Packaging

Enclosing or protecting products for distribution, storage, sale, and use.

Paper

Material made of cellulose pulp derived mainly from wood used for the printing process.

PaperCover

Printed sheet used for the outside cover of the book.

PeelStickCD

CD package is made from an adhesive paper-backed material that is applied by removing the paper and exposing the adhesive.

Pocket

Paper, cloth, vinyl or other material made into a pocket either with or without gussets and afixxed inside the front or back cover of the book.

PolyBag

Bags are made from 100% virgin polyethylene resin.

Prep

Creation of plates from film or electronic files for the printing process.

Preprinted

Component is printed prior to the manufacturing step.

PreprintedCaseside

Indicates a hardcover created from a printed cover vs. case material.

Proof

A facsimile of press pages for review

ReplyCard

Sender-addressed card included in a mailing on which the recipient indicates a response (positive or negative) to an offer.

RFTag

A electronic tag attached to an antenna that is packaged in a way that it can be applied to an object.

Run

"Good" copies produced in each operation in the manufacturing process.

SheetSignature

Refers to the printing of a signature on a sheetfed press.

SheetWise

Sheetfed process where the frontside of all of the components are imposed on one side of the sheet and printed; the plates are changed and then the sheets are then turned over and run back through the press thus completing both sides of the components.

Shrinkwrapping

Protective wrapping for the product made from heat-shrink polyfilm.

Signature

Folded, printed sheet or part of a sheet which forms a section of multiple pages of a book or publication in numerical sequence.

SingleWallCarton

Corrugated card consisting of an outer paper (usually kraft), a single layer of corrugated paper followed by a further layer of paper (usually test).

Skagg

A low cost thin layer paper container used to package a single book.

Sleeve

Plastic or paper insert that contains a pocket for holding another component, ususally a type of media.

Slide

Still, positive image created on a transparent base using photochemical

means.

SlimPack

CD or DVD slim hinged plastic case in which CDs are stored.

SlipCase

Protective box that holds a book or set of books; slip cases can be made from any material, most often cloth or paper covered cardboard.

SlipCaseWrap

Protective wrapping for a slipcase.

SoftwareAccessCode

A printed card or page that contains a unique code for the purpose of accessing protected software.

SoftwareStyle

A folding carton with top & bottom flaps that includes a "door" on the front of the package with a velcro closure; the purpose is to allow 4 complete surfaces to hold marketing copy.

Spine

Part of a book's cover or jacket, visible when the book is on a shelf.

Sticker

Gummed or adhesive label.

SubAssembly

Group of components that is part of the completed project.

SuperJWrap

Same as Jwrap with the addition of a scored tab which covers the bottom portion of the spine of the book.

TCarton

A carton including a wraparound corner locking flap construction comprising a T-shaped first element joined to part of the carton and two other elements joined to another part of the carton.

Tab

Insert form where a small flap projects out from the thumb edge used for quick access.

Text

The written or printed material which forms the main body of a book.

Transparency

Piece of clear or colored plastic or film used with an overhead projector to make presentations.

Transvision

Set of transparencies that are placed together to create a "full" image but individually contain separate images such as the human body systems.

Ucard

Paper card that forms a “U” shape when folded, similar to a Jcard, that is inserted in the plastic storage case of mostpre-recorded audio cassette releases; the j-card usually contains an image of the album cover, a track listing, credits, and copyright information

Video

Series of framed images put together, one after another, to simulate motion and interactivity.

VinylPack

Vinyl material for vacuum packing.

WebSignature

Component printed on a web press.

WorkAndBack

Sheetfed process where the press contains enough units to print the front and back of each component in one press run.

WorkAndTurn

Sheetfed process where the frontside of half of the components and the backside of the remaining components are imposed on one side of the sheet and printed; the sheets are then turned over and run back through the press in the exact same position thus completing both sides of the components without changing the plates.

Wrap

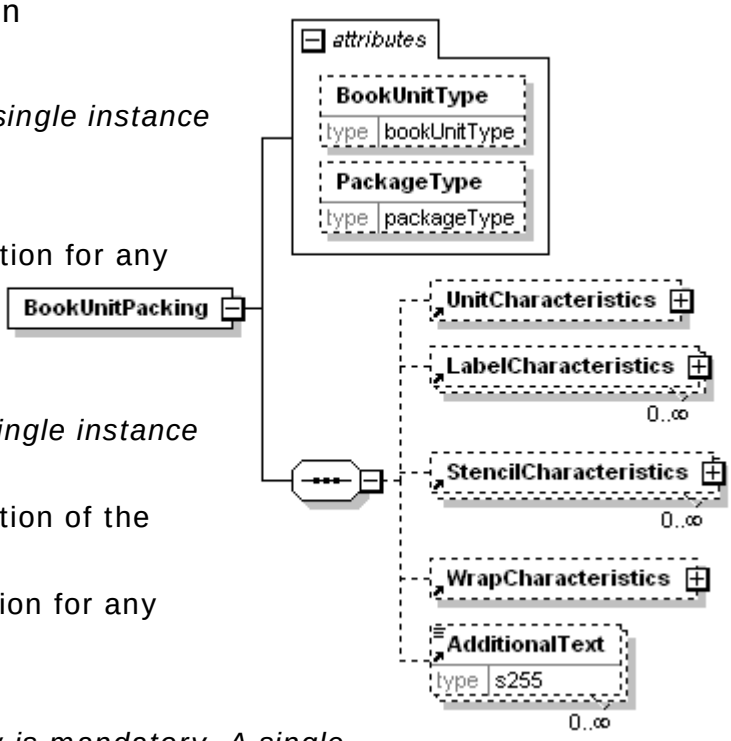
The cover of a paperback book or covers of a magazine, often printed on colored paper.

ZipLockBag

Disposable, re-sealable zipper storage bags and containers.

BookUnitPacking

Book unit packing information



BookUnitType [attribute]

BookUnitType is optional. A single instance might exist.

Book unit type

Refer to BookUnitType definition for any enumerations.

PackageType [attribute]

PackageType is optional. A single instance might exist.

Communicates the configuration of the item being reported.

Refer to PackageType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

UnitCharacteristics

UnitCharacteristics is optional. A single instance might exist.

Unit characteristics.

LabelCharacteristics

LabelCharacteristics is optional. Multiple instances might exist.

A group item that organises the labeling information.

StencilCharacteristics

StencilCharacteristics is optional. Multiple instances might exist.

A group element specifying attributes of a stencil to be applied to an item, and optional text.

WrapCharacteristics

WrapCharacteristics is optional. A single instance might exist.

A group element that contains elements that describe the manner in which the item is wrapped.

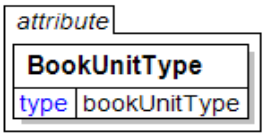
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

BookUnitType [attribute]

Book unit type



This item is restricted to the following list.

Unit

The book unit is free standing.

Unit pre-Assembly

The book unit requires previous assembly.

Unit post-Assembly

The book unit requires post assembly.

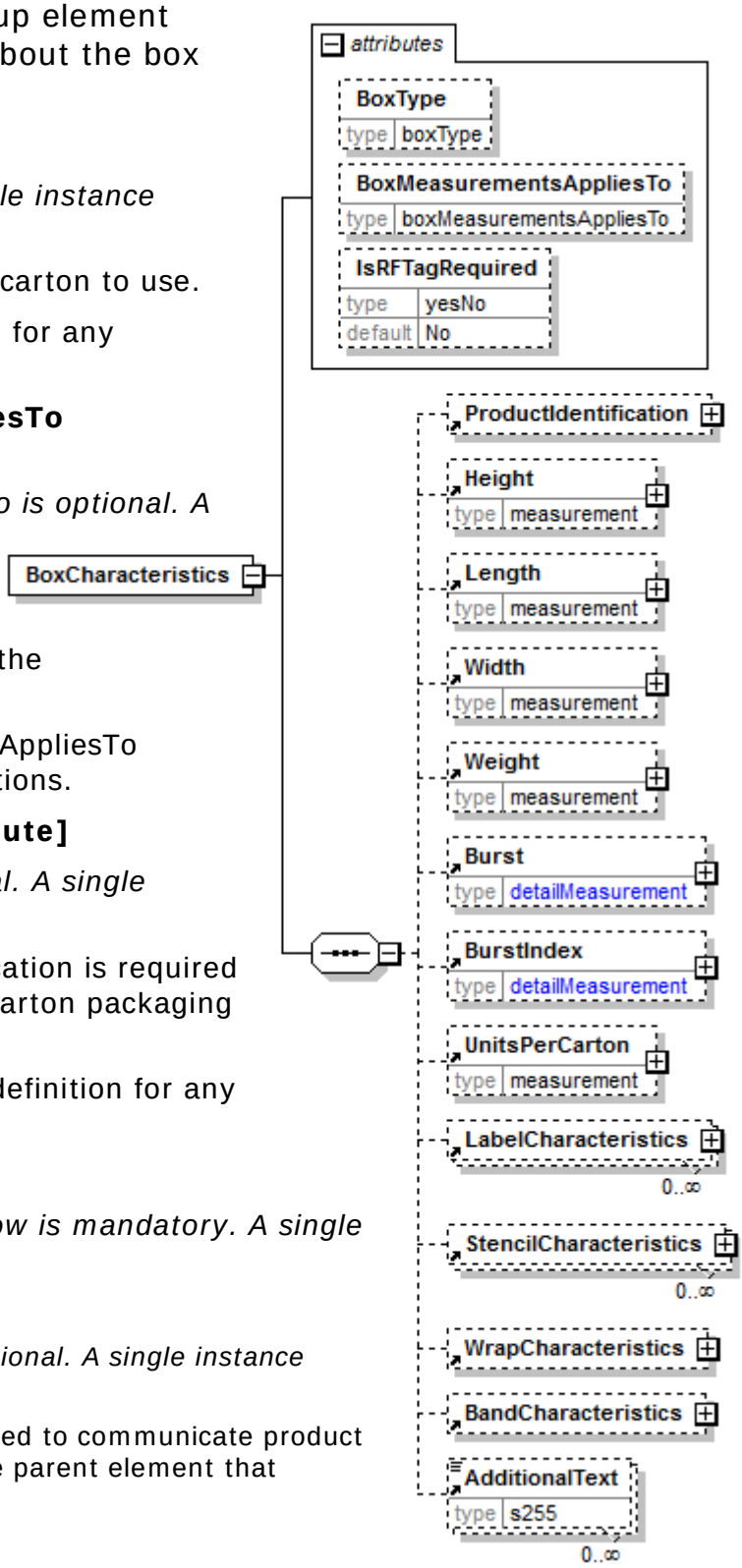
BooleanValue

A value in boolean format.



BoxCharacteristics

BoxCharacteristics is a group element that contains information about the box (or carton)



BoxType [attribute]

BoxType is optional. A single instance might exist.

Communicates the type of carton to use.

Refer to BoxType definition for any enumerations.

BoxMeasurementsAppliesTo [attribute]

BoxMeasurementsAppliesTo is optional. A single instance might exist.

Used to indicate the nature of the endpoints of the measurement type.

Refer to BoxMeasurementsAppliesTo definition for any enumerations.

IsRFTagRequired [attribute]

IsRFTagRequired is optional. A single instance might exist.

Indicates that RFTag application is required in the manufacturing and carton packaging processes.

Refer to IsRFTagRequired definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ProductIdentification

ProductIdentification is optional. A single instance might exist.

A grouping element designed to communicate product identification related to the parent element that contains this item.

Height

Height is optional. A single instance might exist.

The height of the object.

Length

Length is optional. A single instance might exist.

The length of the object.

Width

Width is optional. A single instance might exist.

The width of the object.

Weight

Weight is optional. A single instance might exist.

The weight of the item.

Burst

Burst is optional. A single instance might exist.

A group item used to communicate bursting strength target or test value according to a particular TestMethod.

BurstIndex

BurstIndex is optional. A single instance might exist.

The burst index.

UnitsPerCarton

UnitsPerCarton is optional. A single instance might exist.

The number of units per box.

LabelCharacteristics

LabelCharacteristics is optional. Multiple instances might exist.

A group item that organises the labeling information.

StencilCharacteristics

StencilCharacteristics is optional. Multiple instances might exist.

A group element specifying attributes of a stencil to be applied to an item, and optional text.

WrapCharacteristics

WrapCharacteristics is optional. A single instance might exist.

A group element that contains elements that describes the manner in which the item is wrapped.

BandCharacteristics

BandCharacteristics is optional. A single instance might exist.

A group item that organises the packaging band detail information.

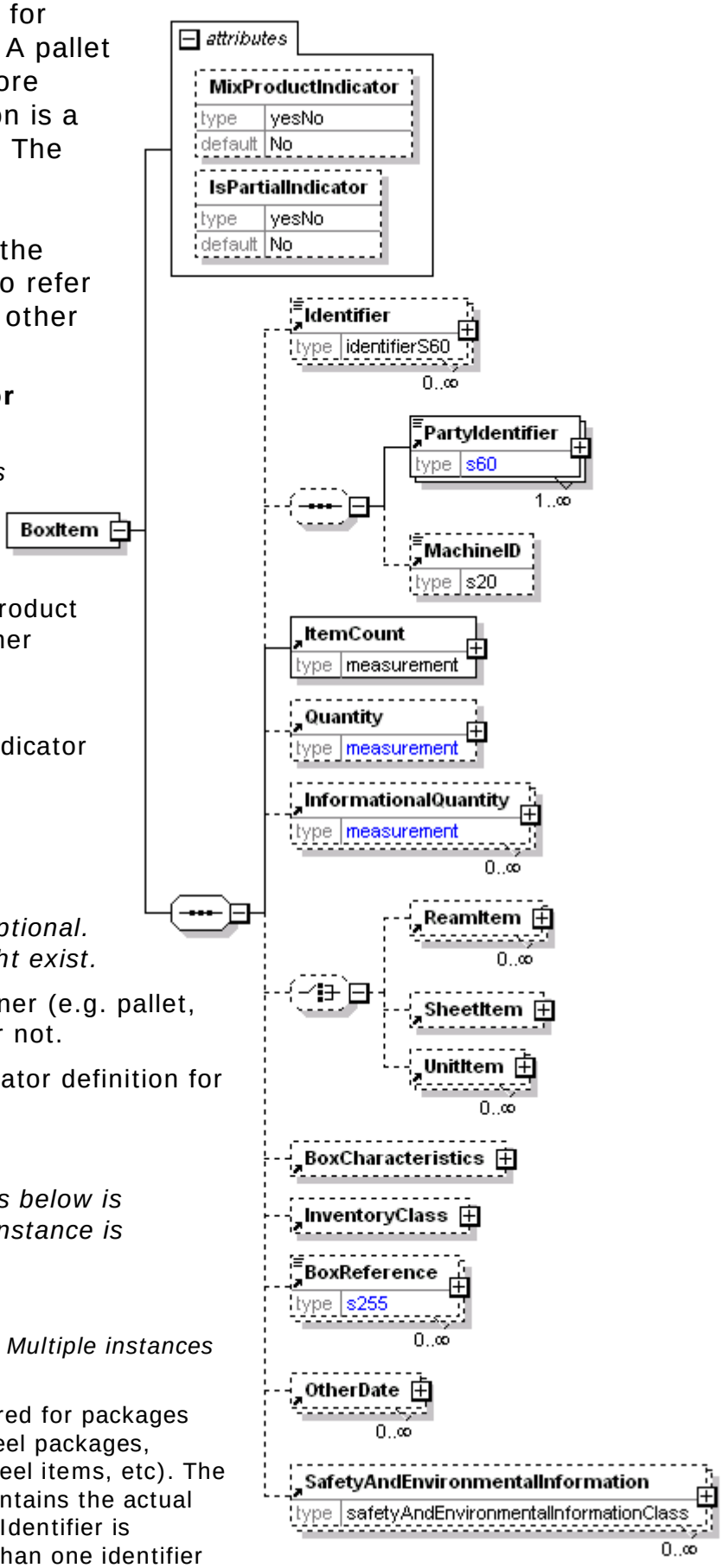
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

BoxItem

A four-sided container for reams or sheet items. A pallet can contain zero or more boxes. The term Carton is a synonym for BoxItem. The term “Box” is used as constraint within the ItemType attribute of the UsageLineItemDetail to refer to a box that contains other boxes.



MixProductIndicator [attribute]

MixProductIndicator is optional. A single instance might exist.

Specifies whether a product can be mixed with other products on the same shipment.

Refer to MixProductIndicator definition for any enumerations.

IsPartialIndicator [attribute]

IsPartialIndicator is optional. A single instance might exist.

Specifies if the container (e.g. pallet, box) is partially full or not.

Refer to IsPartialIndicator definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Identifier

Identifier is optional. Multiple instances might exist.

An Identifier is required for packages and items (pallets, reel packages, boxes, ream items, reel items, etc). The Identifier element contains the actual item identifier code. Identifier is repeatable so more than one identifier can be communicated. For example, the printed identifier on a label may be

different from the barcode printed on the label.

(sequence)

The sequence of items below is optional. A single instance might exist.

PartyIdentifier

PartyIdentifier is mandatory. One instance is required, multiple instances might exist.

A unique identifier of a specific party. This element contains an attribute PartyIdentifierType that indicates the type of party.

MachineID

MachineID is optional. A single instance might exist.

An identifier assigned to the particular machine being referenced. For example, a machine could be a paper machine, an off-line coater, a sheeter, or a printing press. The particular machine being referenced will be determined by the business event being supported.

ItemCount

ItemCount is mandatory. A single instance is required.

A count of the number of items (examples: a count of the number of boxes on a pallet or of reams in a box).

Quantity

Quantity is optional. A single instance might exist.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

(choice)

[choice] is optional because of choice construct.

ReamItem

ReamItem is optional because of choice construct.

A wrapped quantity of SheetItem(s).

SheetItem

SheetItem is optional because of choice construct.

A group item consisting potentially of the date the sheets were converted into sheets and/or packaged or finished.

UnitItem

UnitItem is optional because of choice construct.

Unit Item.

BoxCharacteristics

BoxCharacteristics is optional. A single instance might exist.

BoxCharacteristics is a group element that contains information about the box (or carton)

InventoryClass

InventoryClass is optional. A single instance might exist.

A group item containing information about status of inventory and goods items.

BoxReference

BoxReference is optional. Multiple instances might exist.

An element detailing relevant references pertaining to the Box. The type of reference is identified by the attributes BoxReferenceType and AssignedBy.

OtherDate

OtherDate is optional. Multiple instances might exist.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

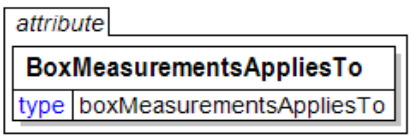
SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency.

BoxMeasurementsAppliesTo [attribute]

Used to indicate the nature of the endpoints of the measurement type.



This item is restricted to the following list.

Inside

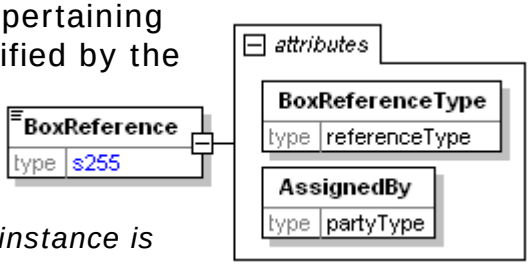
The measurements provided are for the inside of the box.

Outside

The measurements provided apply to the outside of the box.

BoxReference

An element detailing relevant references pertaining to the Box. The type of reference is identified by the attributes BoxReferenceType and AssignedBy.



BoxReferenceType [attribute]

BoxReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many

items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to BoxReferenceType definition for any enumerations.

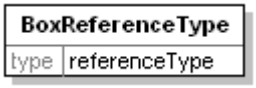
AssignedBy [attribute]

AssignedBy is mandatory. A single instance is required.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

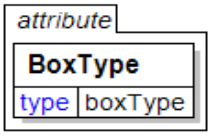
BoxReferenceType [attribute]



Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, Warehouse” or Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

BoxType [attribute]



Communicates the type of carton to use

This item is restricted to the following list.

Corrugated

The carton type is grooved.

DoubleWall

The carton type has a double wall.

SingleWall

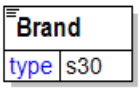
The carton type has a single wall.

TripleWall

The carton type has a triple wall.

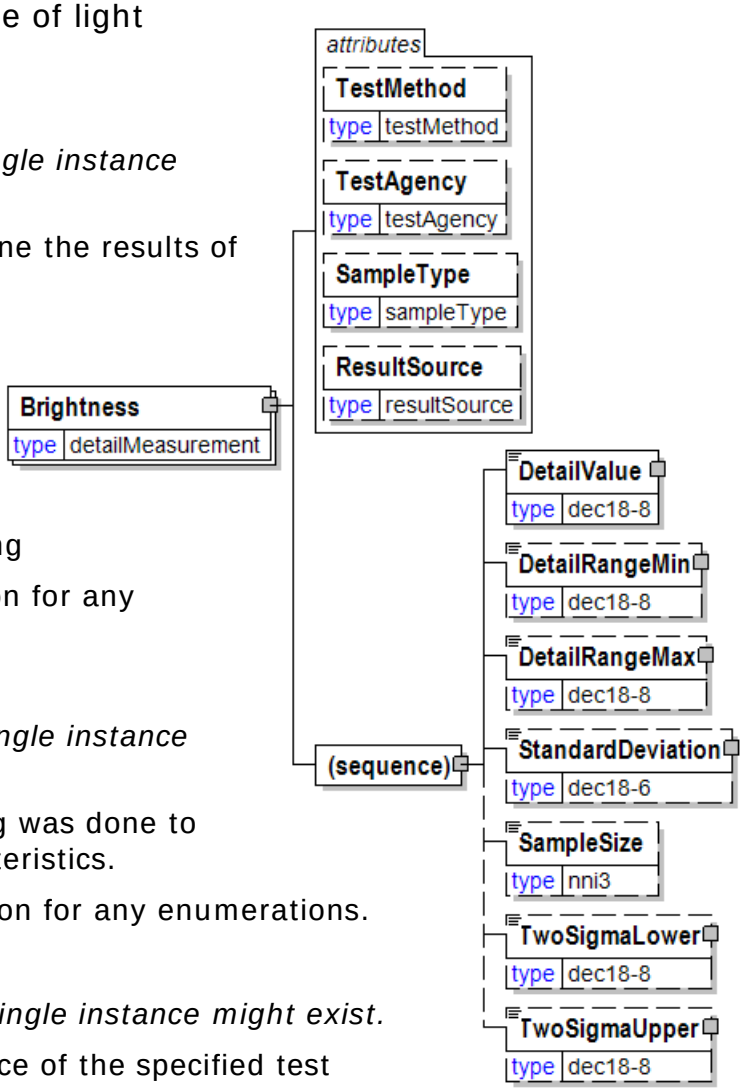
Brand

Specifies a brand or trade name of wrapping material to be used when wrapping the product.



Brightness

A measurement of the degree of light reflectivity of the product.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

Brilliance

Measure of brilliance in the HSB colour approach.

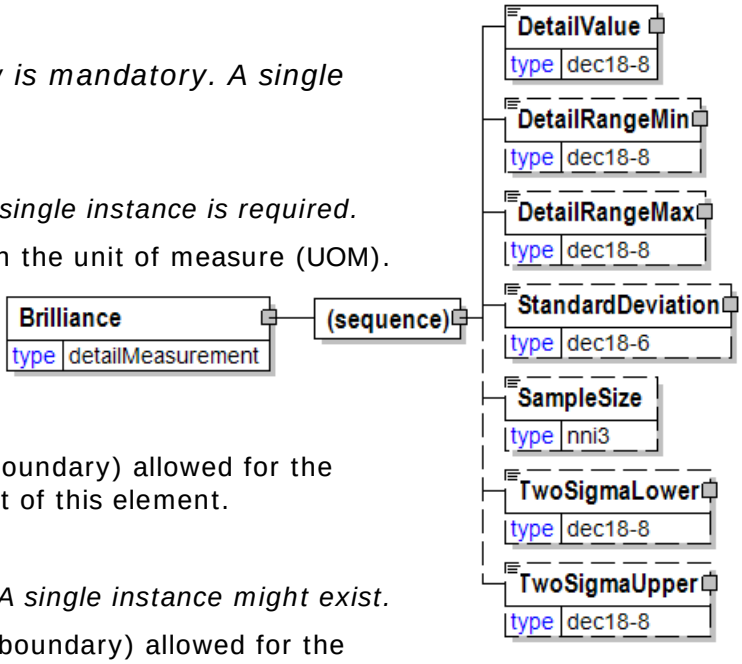
(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).



DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

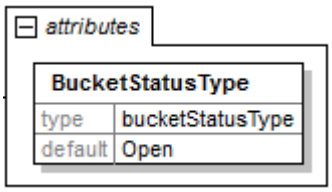
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

BucketStatusType [attribute]

BucketStatusType defines the availability status of the location during the indicated period.



This item is restricted to the following list.

Closed

The location is closed during the indicated period.

LimitedService

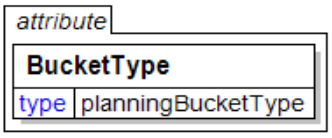
The location has limited service during the indicated period.

Open

The location is open during the indicated period.

BucketType [attribute]

The type of planning information being communicated in the bucket.



This item is restricted to the following list.

Actual

The planning information communicates incurred values.

Demand

The planning information communicates requested values.

Forecast

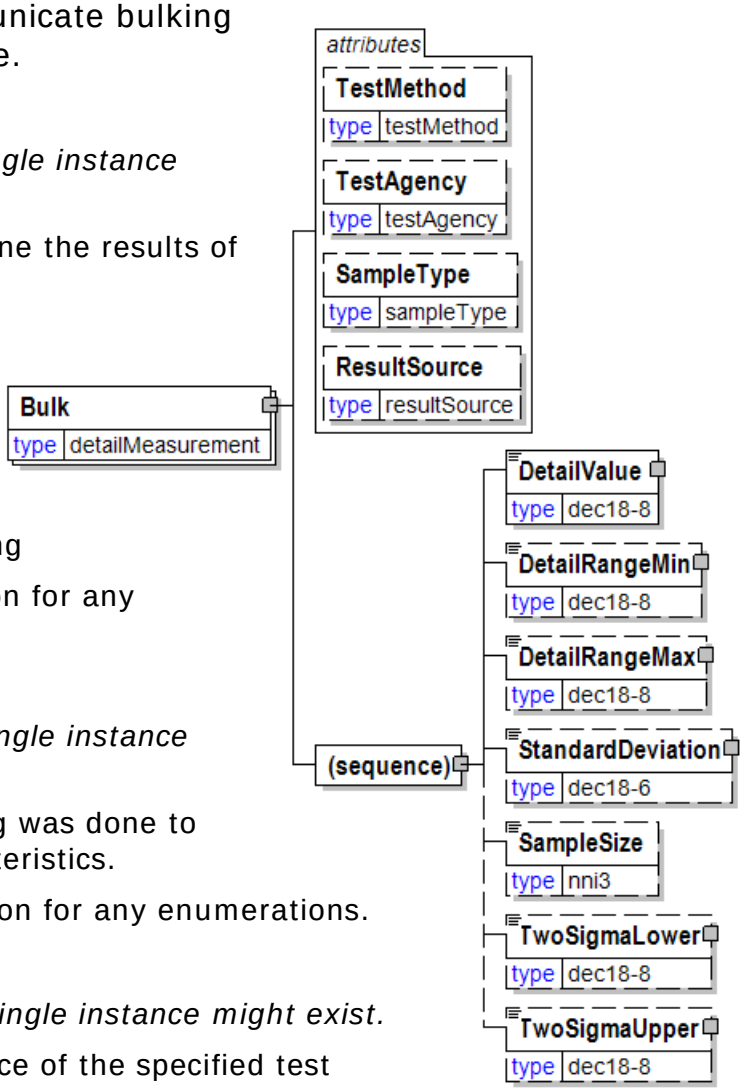
The planning information communicates estimated values.

Budget

The planning information communicates budgeted values.

Bulk

A group item used to communicate bulking thickness target or test value.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

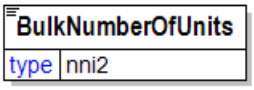
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

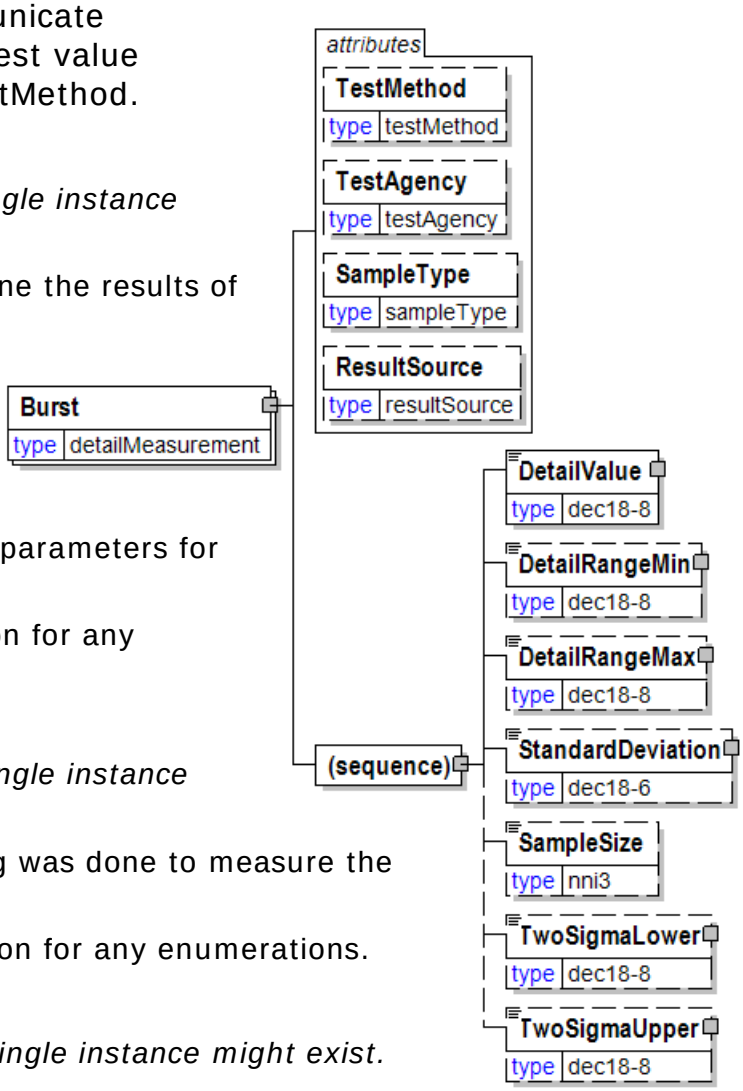
BulkNumberOfUnits

Bulk number of units



Burst

A group item used to communicate bursting strength target or test value according to a particular TestMethod.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

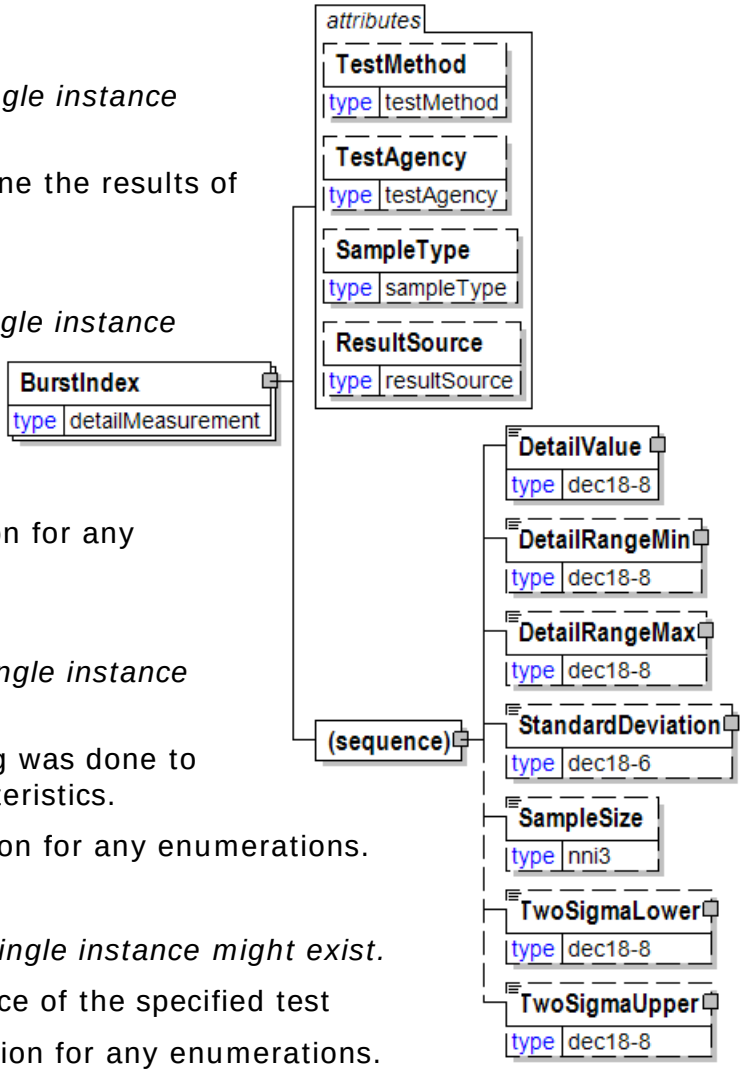
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

BurstIndex

The burst index.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

TwoSigmaUpper

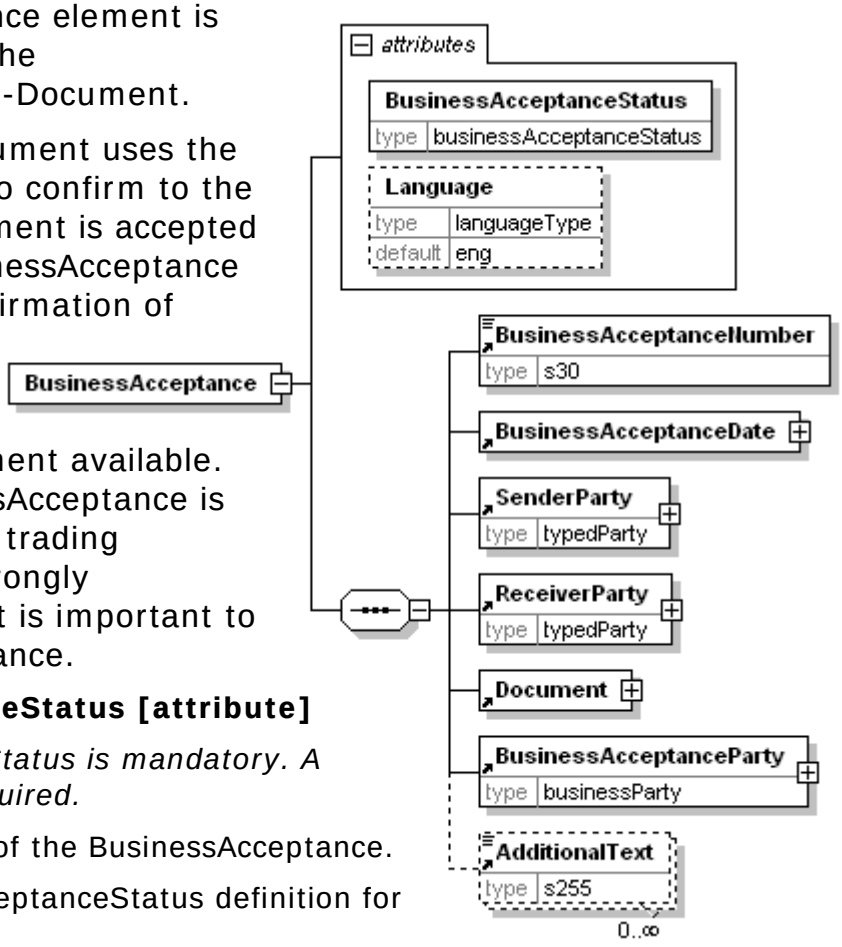
TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

BusinessAcceptance

The BusinessAcceptance element is the root element for the BusinessAcceptance e-Document.

The receiver of a document uses the BusinessAcceptance to confirm to the sender that the document is accepted or rejected. The BusinessAcceptance can be used as a confirmation of acceptance when there is not a papiNet-designed confirmation e-Document available. Although the BusinessAcceptance is optional between two trading partners, its use is strongly recommended when it is important to get a BusinessAcceptance.



BusinessAcceptanceStatus [attribute]

BusinessAcceptanceStatus is mandatory. A single instance is required.

Identifies the status of the BusinessAcceptance.

Refer to BusinessAcceptanceStatus definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

BusinessAcceptanceNumber

BusinessAcceptanceNumber is mandatory. A single instance is required.

The unique identifier for the BusinessAcceptance.

BusinessAcceptanceDate

BusinessAcceptanceDate is mandatory. A single instance is required.

The Date and Time when the BusinessAcceptance was issued.

SenderParty

SenderParty is mandatory. A single instance is required.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the

electronic message.

ReceiverParty

ReceiverParty is mandatory. A single instance is required.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

Document

Document is mandatory. A single instance is required.

A group item containing information applicable to the original document.

BusinessAcceptanceParty

BusinessAcceptanceParty is mandatory. A single instance is required.

The organisation or legal entity authorised to accept or reject e-Document.

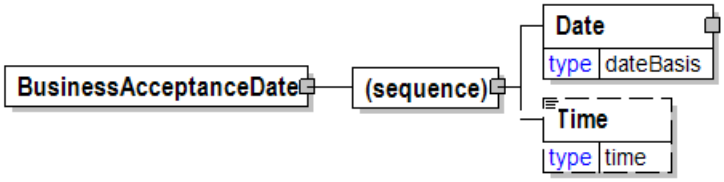
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

BusinessAcceptanceDate

The Date and Time when the BusinessAcceptance was issued.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

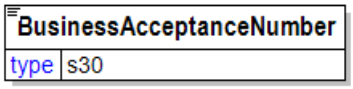
hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should

be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

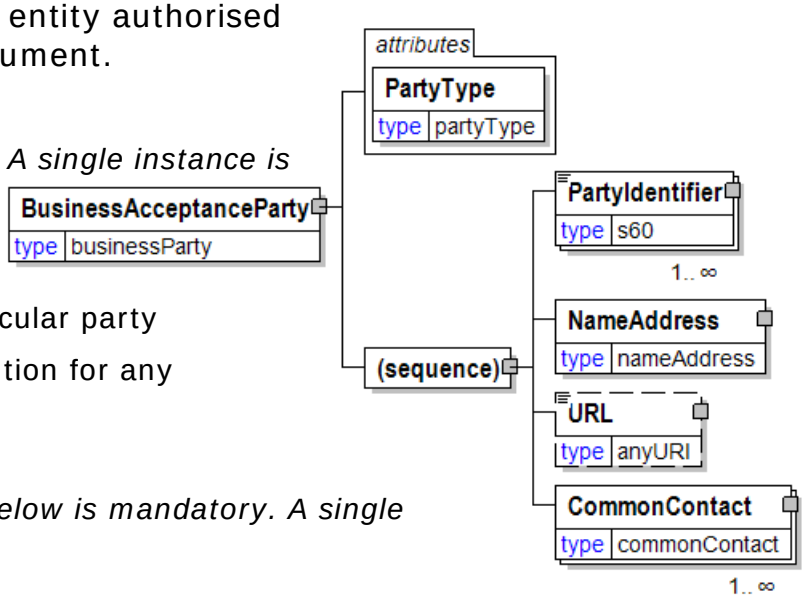
BusinessAcceptanceNumber

The unique identifier for the BusinessAcceptance.



BusinessAcceptanceParty

The organisation or legal entity authorised to accept or reject e-Document.



PartyType [attribute]

PartyType is mandatory. A single instance is required.

Identifies the business role associated with the particular party

Refer to PartyType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PartyIdentifier

PartyIdentifier is mandatory. One instance is required, multiple instances might exist.

A unique identifier of a specific party. This element contains an attribute PartyIdentifierType that indicates the type of party.

NameAddress

NameAddress is mandatory. A single instance is required.

A group item containing name and address of an organisation or business entity.

URL

URL is optional. A single instance might exist.

Universal Resource Locator. While typically a web address you could use this field to hold an email address.

CommonContact

CommonContact is mandatory. One instance is required, multiple instances might exist.

Identifies a specific individual associated with the party.

BusinessAcceptanceStatus [attribute]

Identifies the status of the BusinessAcceptance.



This item is restricted to the following list.

Accepted

Content of the e-Document is accepted. The receiver has got a Confirmation of Acceptance for an earlier sent e-Document

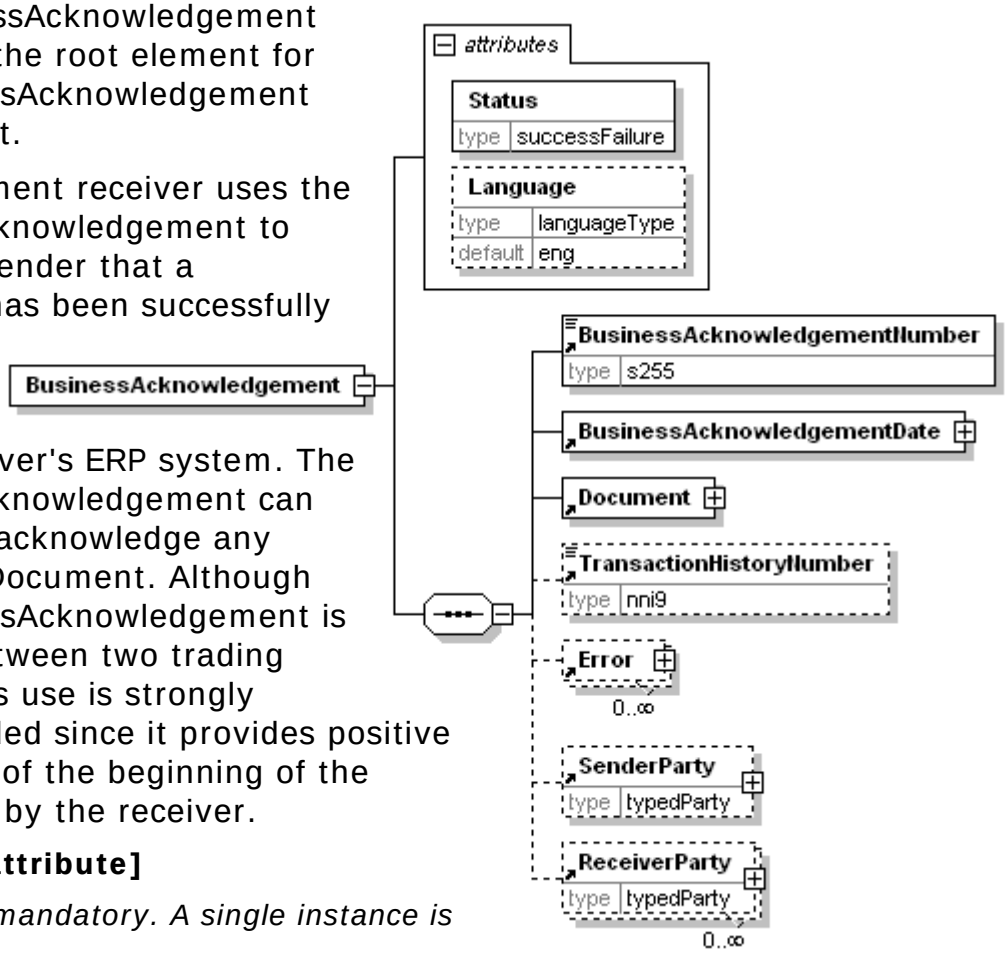
Rejected

Content of the e-Document is rejected. The receiver of a BusinessAcceptance should have in place a resolution process. The resolution process is typically based on manual actions when the content is rejected.

BusinessAcknowledgement

The BusinessAcknowledgement element is the root element for the BusinessAcknowledgement e-Document.

An e-Document receiver uses the BusinessAcknowledgement to notify the sender that a document has been successfully presented to the receiver's ERP system. The BusinessAcknowledgement can be used to acknowledge any papiNet e-Document. Although the BusinessAcknowledgement is optional between two trading partners, its use is strongly recommended since it provides positive verification of the beginning of the transaction by the receiver.



Status [attribute]

Status is mandatory. A single instance is required.

Defines whether or not the electronic transaction successfully processed in the receiver ERP system.

Refer to Status definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

BusinessAcknowledgementNumber

BusinessAcknowledgementNumber is mandatory. A single instance is required.

The unique identifier for the BusinessAcknowledgement.

BusinessAcknowledgementDate

BusinessAcknowledgementDate is mandatory. A single instance is required.

The Date and Time when the BusinessAcknowledgement was issued.

Document

Document is mandatory. A single instance is required.

A group item containing information applicable to the original document.

TransactionHistoryNumber

TransactionHistoryNumber is optional. A single instance might exist.

A sequential number that keeps track of the version of a document being sent by the document originator except in the case where TransactionHistoryConfirmation is used, in which case the TransactionHistoryNumber refers to the trigger transaction for which the confirmation is being sent.

Error

Error is optional. Multiple instances might exist.

A group item that details the errors that are delaying processing on an original document.

SenderParty

SenderParty is optional. A single instance might exist.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

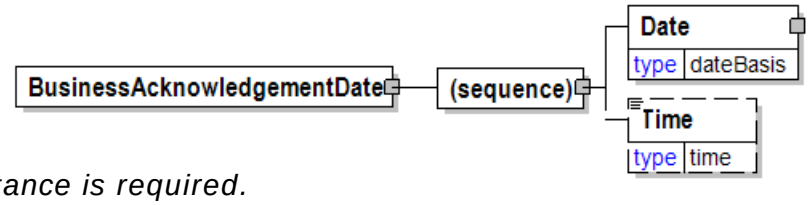
ReceiverParty is optional. Multiple instances might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

BusinessAcknowledgementDate

The Date and Time when the BusinessAcknowledgement was issued.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

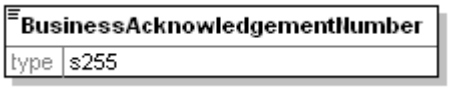
Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

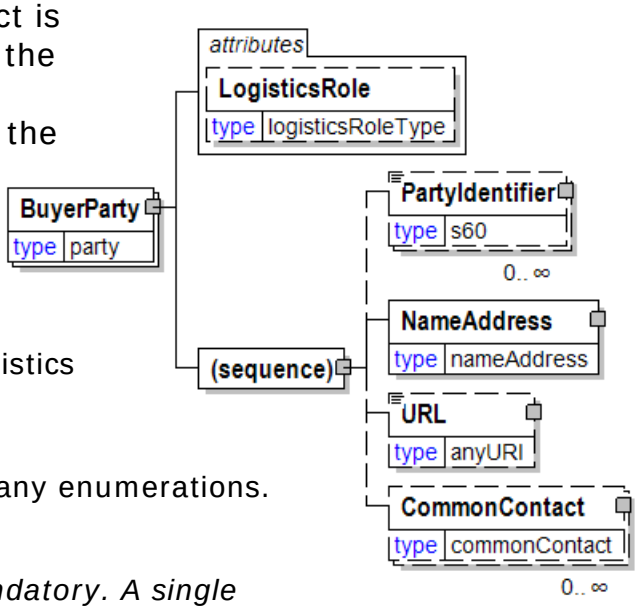
BusinessAcknowledgementNumber

The unique identifier for the BusinessAcknowledgement.



BuyerParty

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.



LogisticsRole [attribute]

LogisticsRole is optional. A single instance might exist.

Communicates the nature of the logistics role, if any, the party plays in the transaction.

Refer to LogisticsRole definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PartyIdentifier

PartyIdentifier is optional. Multiple instances might exist.

A unique identifier of a specific party. This element contains an attribute PartyIdentifierType that indicates the type of party.

NameAddress

NameAddress is mandatory. A single instance is required.

A group item containing name and address of an organisation or business entity.

URL

URL is optional. A single instance might exist.

Universal Resource Locator. While typically a web address you could use this field to hold an email address.

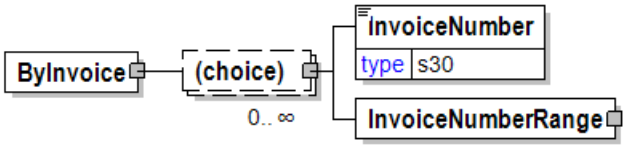
CommonContact

CommonContact is optional. Multiple instances might exist.

Identifies a specific individual associated with the party.

ByInvoice

Selection criteria for invoice information.



(choice)

[choice] is optional because of choice construct.

InvoiceNumber

InvoiceNumber is optional because of choice construct.

The identification number of the Invoice, generated by the seller.

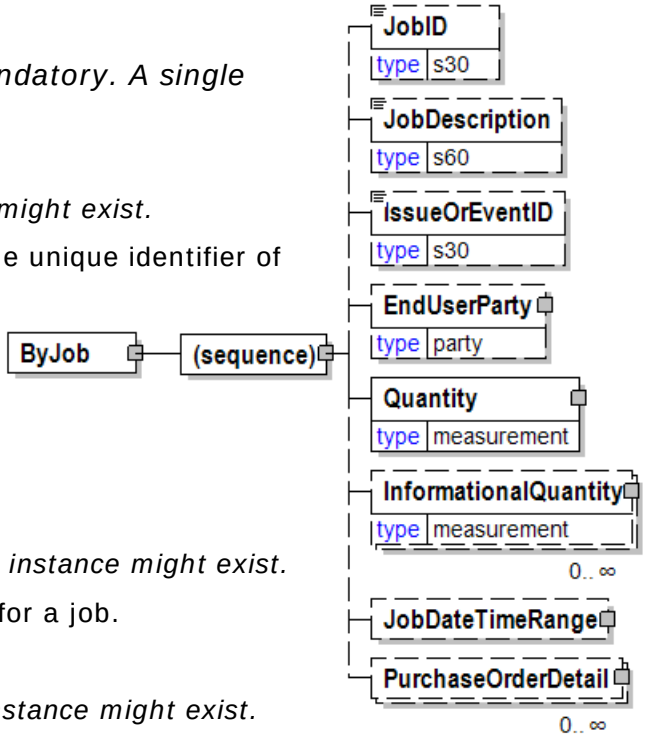
InvoiceNumberRange

InvoiceNumberRange is optional because of choice construct.

A range of invoices to be considered or reported on.

ByJob

Information about the job being communicated.



(sequence)

The sequence of items below is mandatory. A single instance is required.

JobID

JobID is optional. A single instance might exist.

An element used to communicate the unique identifier of the Job

JobDescription

JobDescription is optional. A single instance might exist.

A textual description of the job.

IssueOrEventID

IssueOrEventID is optional. A single instance might exist.

Used to communicate the identifier for a job.

EndUserParty

EndUserParty is optional. A single instance might exist.

The party using, consuming, or converting the product.
For example, a printer using paper reels for a print job for a publisher. The final ShipTo destination for a product is normally to the end user's facilities.

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

JobDateTimeRange

JobDateTimeRange is optional. A single instance might exist.

The specification of the date range for the job.

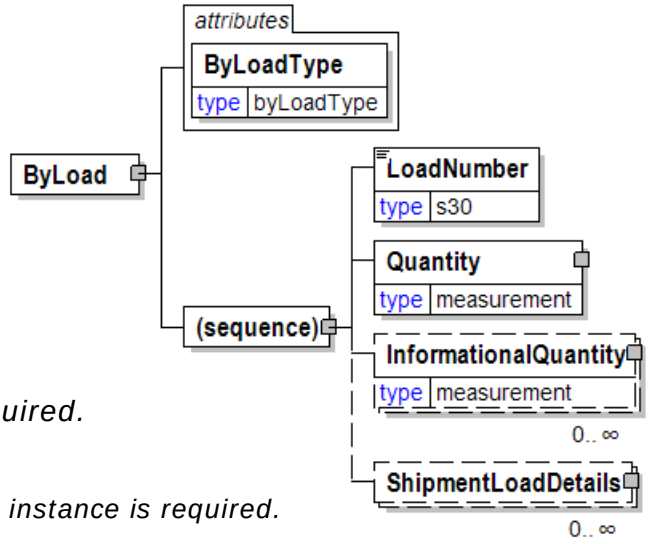
PurchaseOrderDetail

PurchaseOrderDetail is optional. Multiple instances might exist.

Multiple PurchaseOrderDetail instances are allowed.

ByLoad

By Load



ByLoadType [attribute]

ByLoadType is mandatory. A single instance is required.

By Load Type

Refer to ByLoadType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

LoadNumber

LoadNumber is mandatory. A single instance is required.

An element used to communicate the unique identifier of the LoadNumber.

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

ShipmentLoadDetails

ShipmentLoadDetails is optional. Multiple instances might exist.

A group element that containing information that relates to the shipment load details for the line item. Carrier and transport information may be detailed.

ByLoadType [attribute]

By Load Type

This item is restricted to the following list.



Forecast

The load is projected.

Shipment

The load is actually shipped.

ByPeriod

Specifies that the information is supplied by a period.

(sequence)

The sequence of items below is mandatory. A single instance is required.

TimePeriod

TimePeriod is mandatory. A single instance is required.

The TimePeriod element is used to communicate a duration period of time as indicated in PeriodType.

Product

Product is optional. Multiple instances might exist.

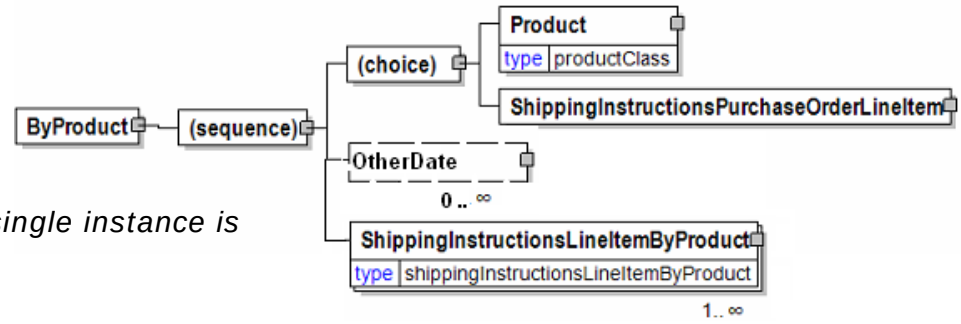
Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

ByProduct

Identification takes place by product.

(sequence)

The sequence of items below is mandatory. A single instance is required.



(choice)

[choice] is optional because of choice construct.

Product

Product is optional because of choice construct.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

ShippingInstructionsPurchaseOrderLineItem

ShippingInstructionsPurchaseOrderLineItem is optional because of choice construct.

PurchaseOrder line item information for purchase order being referenced in ShippingInstructions.

OtherDate

OtherDate is optional. More than one instance can occur.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

ShippingInstructionsLineItemByProduct

ShippingInstructionsLineItemByProduct is mandatory. One instance is required, multiple instances might exist.

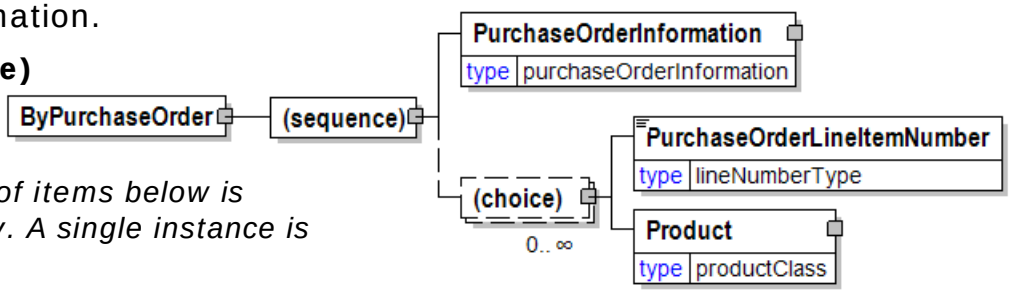
ShippingInstructionsLineItemByProduct

ByPurchaseOrder

Selection criteria for communicating purchase order information.

(sequence)

The



sequence of items below is mandatory. A single instance is required.

PurchaseOrderInformation

PurchaseOrderInformation is mandatory. A single instance is required.

A group item containing information unique to this PurchaseOrder, which is provided by the buyer. PurchaseOrderInformation can be optional in the supply chain. Invoices are created without having a PurchaseOrder in Vendor Managed Inventory. Freight invoices also will not have a PurchaseOrder number.

(choice)

[choice] is optional because of choice construct.

PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber is optional because of choice construct.

The sequential number that uniquely identifies the PurchaseOrder line item.

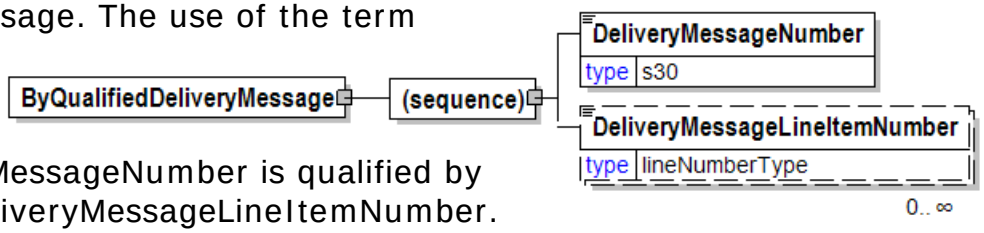
Product

Product is optional because of choice construct.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

ByQualifiedDeliveryMessage

Specifies that the information is supplied by a DeliveryMessage. The use of the term "qualified" is to indicate that DeliveryMessageNumber is qualified by the use of DeliveryMessageLineItemNumber.



(sequence)

The sequence of items below is mandatory. A single instance is required.

DeliveryMessageNumber

DeliveryMessageNumber is mandatory. A single instance is required.

A unique delivery identifier assigned to each DeliveryMessage as agreed between the trading partners.

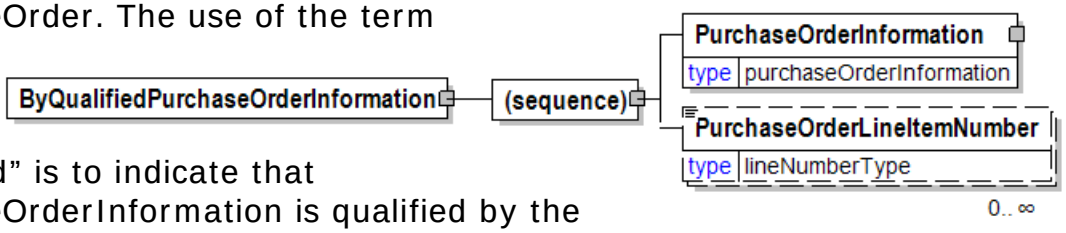
DeliveryMessageLineItemNumber

DeliveryMessageLineItemNumber is optional. Multiple instances might exist.

The sequential number that uniquely identifies the delivery line item.

ByQualifiedPurchaseOrderInformation

Specifies that the information is supplied by a PurchaseOrder. The use of the term "qualified" is to indicate that PurchaseOrderInformation is qualified by the use of PurchaseOrderLineItemNumber.



(sequence)

The sequence of items below is mandatory. A single instance is required.

PurchaseOrderInformation

PurchaseOrderInformation is mandatory. A single instance is required.

A group item containing information unique to this PurchaseOrder, which is provided by the buyer. PurchaseOrderInformation can be optional in the supply chain. Invoices are created without having a PurchaseOrder in Vendor Managed Inventory. Freight invoices also will not have a PurchaseOrder number.

PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber is optional. Multiple instances might exist.

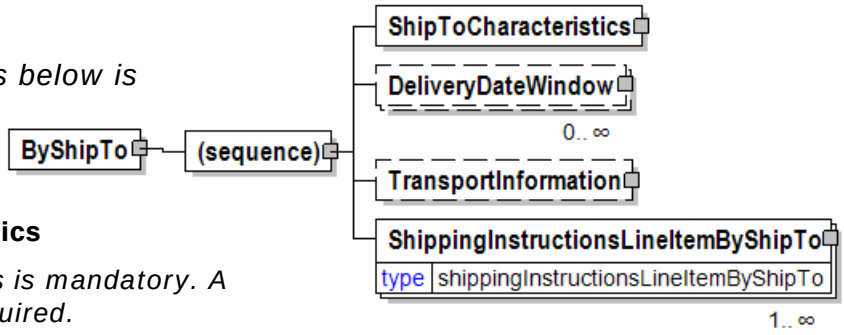
The sequential number that uniquely identifies the PurchaseOrder line item.

ByShipTo

ByShipTo

(sequence)

The sequence of items below is mandatory. A single instance is required.



ShipToCharacteristics

ShipToCharacteristics is mandatory. A single instance is required.

A group item that provides information important for the Ship-To Party.

ShipToCharacteristics may be referenced at both the header and line item level. The reference at the header is required and acts as a default for the value at the line level, unless overridden at the line level.

DeliveryDateWindow

DeliveryDateWindow is optional. Multiple instances might exist.

A group item defining the date/time interval for delivery to take place. An element which may contain the estimated date for which delivery is expected. This date is not absolute.

TransportInformation

TransportInformation is optional. A single instance might exist.

A grouping element for transport information.

ShippingInstructionsLineItemByShipTo

ShippingInstructionsLineItemByShipTo is mandatory. One instance is required, multiple instances might exist.

ShippingInstructions Line Item By Ship To

BySupplierOrder

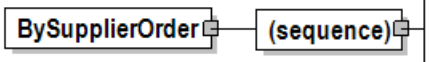
Selection criteria for communicating Supplier Order information.

(sequence)

The sequence of items below is mandatory. A single instance is required.

SupplierOrderNumber

SupplierOrderNumber is mandatory. A single instance is required.

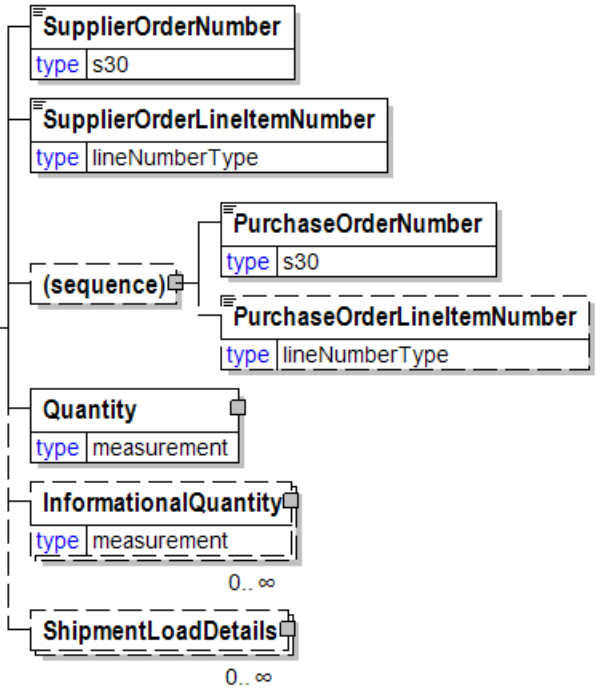


The number of the supplier order.

SupplierOrderLineItemNumber

SupplierOrderLineItemNumber is mandatory. A single instance is required.

The number of the line item on the supplier order.



(sequence)

The sequence of items below is optional. A single instance might exist.

PurchaseOrderNumber

PurchaseOrderNumber is mandatory. A single instance is required.

The unique order identifier as designated by the customer.

PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber is optional. A single instance might exist.

The sequential number that uniquely identifies the PurchaseOrder line item.

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

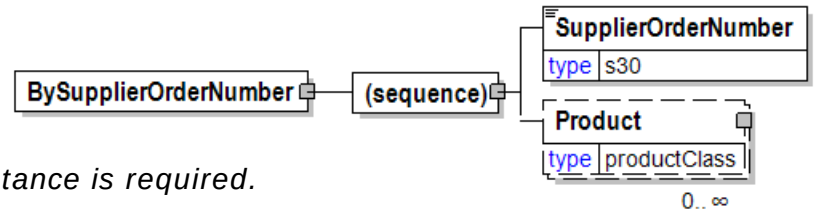
ShipmentLoadDetails

ShipmentLoadDetails is optional. Multiple instances might exist.

A group element that containing information that relates to the shipment load details for the line item. Carrier and transport information may be detailed.

BySupplierOrderNumber

Selection criteria for communicating Supplier Order information



(sequence)

The sequence of items below is mandatory. A single instance is required.

SupplierOrderNumber

SupplierOrderNumber is mandatory. A single instance is required.

The number of the supplier order.

Product

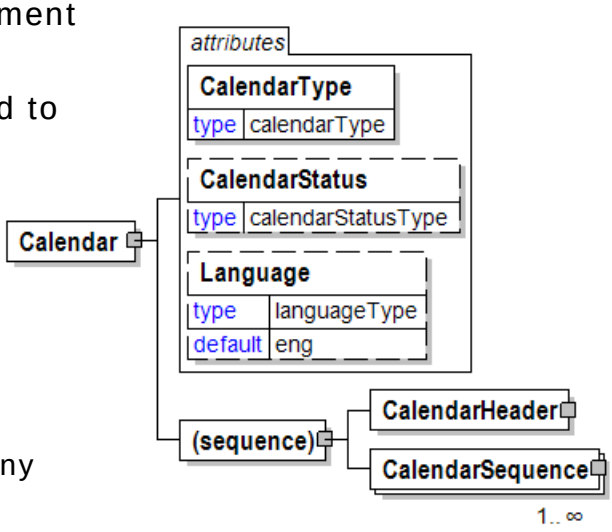
Product is optional. Multiple instances might exist.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

Calendar

The Calendar element is the root element for the Calendar e-Document.

The Calendar e-Document is intended to communicate opening times or other details for a location or locations.



CalendarType [attribute]

CalendarType is mandatory. A single instance is required.

Identifies the intention of the entire Calendar e-Document.

Refer to CalendarType definition for any enumerations.

CalendarStatus [attribute]

CalendarStatus is optional. A single instance might exist.

Identifies the status of the entire Calendar e-Document.

Refer to CalendarStatus definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

CalendarHeader

CalendarHeader is mandatory. A single instance is required.

A group item containing generic information applicable to the entire Calendar.

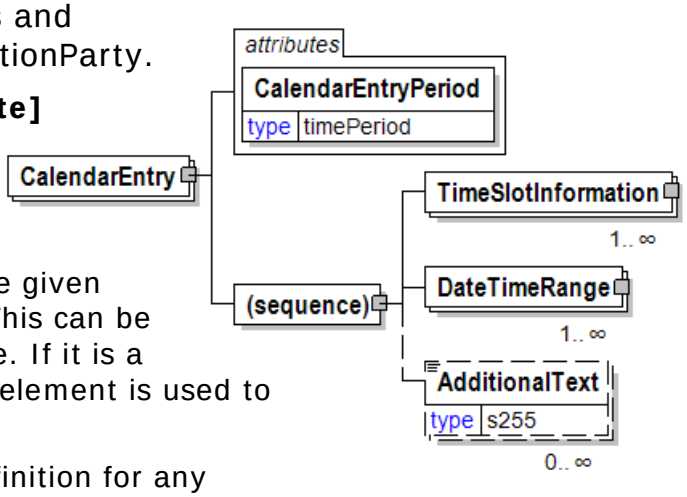
CalendarSequence

CalendarSequence is mandatory. One instance is required, multiple instances might exist.

A group item containing information that relates to a line on the Calendar.

CalendarEntry

Detailed description of the times and contingencies for the given LocationParty.



CalendarEntryPeriod [attribute]

CalendarEntryPeriod is mandatory. A single instance is required.

Describes the period to which the given times and contingencies apply. This can be either a weekday or a date range. If it is a date range, the DateTimeRange element is used to specify the range.

Refer to CalendarEntryPeriod definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

TimeSlotInformation

TimeSlotInformation is mandatory. One instance is required, multiple instances might exist.

Description of the beginning and end of a time slot and the contingencies it contains.

DateTimeRange

DateTimeRange is mandatory. One instance is required, multiple instances might exist.

Specifies a date and/or time range.

AdditionalText

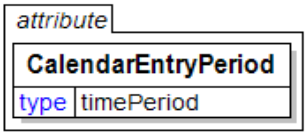
AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific

elements.

CalendarEntryPeriod [attribute]

Describes the period to which the given times and contingencies apply. This can be either a weekday or a date range. If it is a date range, the DateTimeRange element is used to specify the range.



This item is restricted to the following list.

Monday

Tuesday

Wednesday

Thursday

Friday

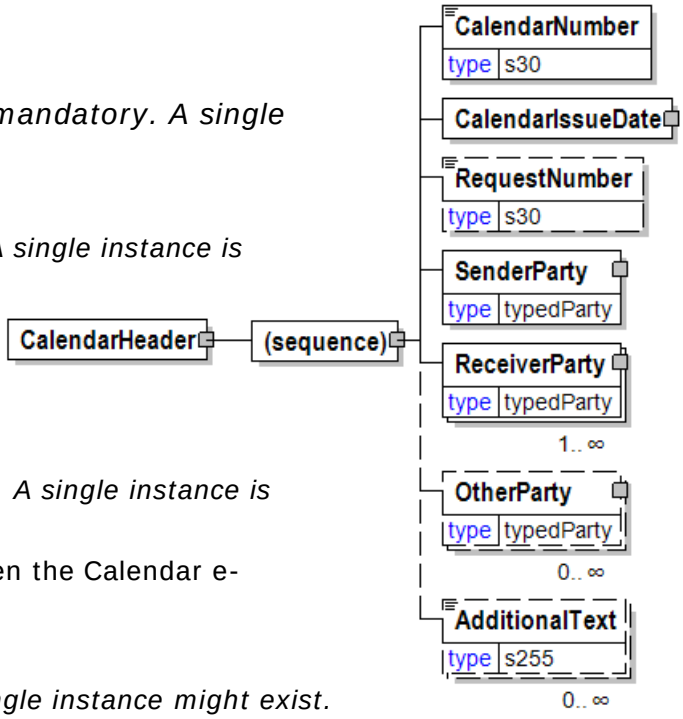
Saturday

Sunday

DateTimeRange

CalendarHeader

A group item containing generic information applicable to the entire Calendar.



(sequence)

The sequence of items below is mandatory. A single instance is required.

CalendarNumber

CalendarNumber is mandatory. A single instance is required.

The sequential number that uniquely identifies the Calendar e-Document.

CalendarIssueDate

CalendarIssueDate is mandatory. A single instance is required.

The date and optionally time when the Calendar e-Document was created.

RequestNumber

RequestNumber is optional. A single instance might exist.

A unique tracking number specifically identifying the InfoRequest e-Document to the originator. The tracking number is returned with the "information", the answer, to help match the answer to the request.

SenderParty

SenderParty is mandatory. A single instance is required.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is mandatory. One instance is required, multiple instances might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

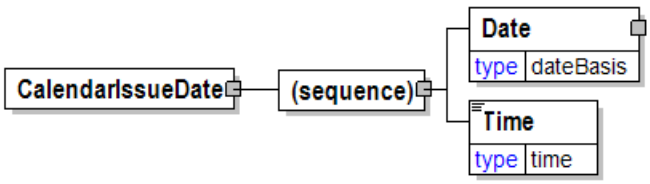
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

CalendarIssueDate

The date and optionally time when the Calendar e-Document was created.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is mandatory. A single instance is required.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

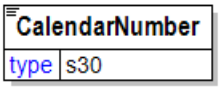
hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

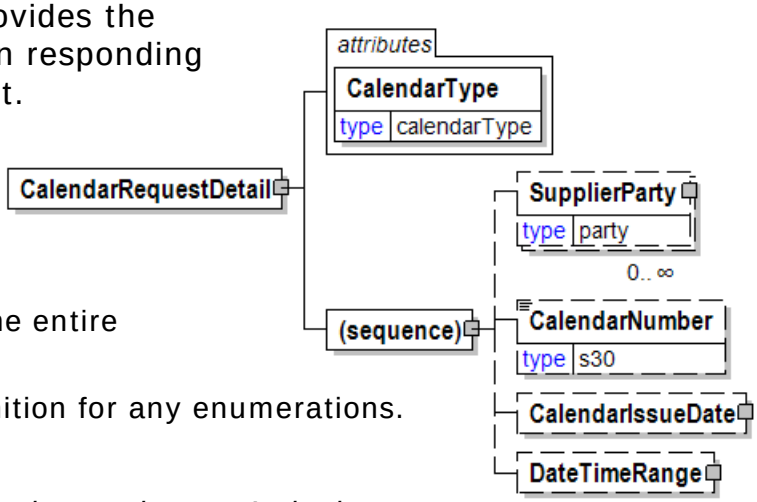
CalendarNumber

The sequential number that uniquely identifies the Calendar e-Document.



CalendarRequestDetail

A grouping element that provides the parameters to be used when responding with a Calendar e-Document.



CalendarType [attribute]

CalendarType is mandatory. A single instance is required.

Identifies the intention of the entire Calendar e-Document.

Refer to CalendarType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

SupplierParty

SupplierParty is optional. Multiple instances might exist.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

CalendarNumber

CalendarNumber is optional. A single instance might exist.

The sequential number that uniquely identifies the Calendar e-Document.

CalendarIssueDate

CalendarIssueDate is optional. A single instance might exist.

The date and optionally time when the Calendar e-Document was created.

DateTimeRange

DateTimeRange is optional. A single instance might exist.

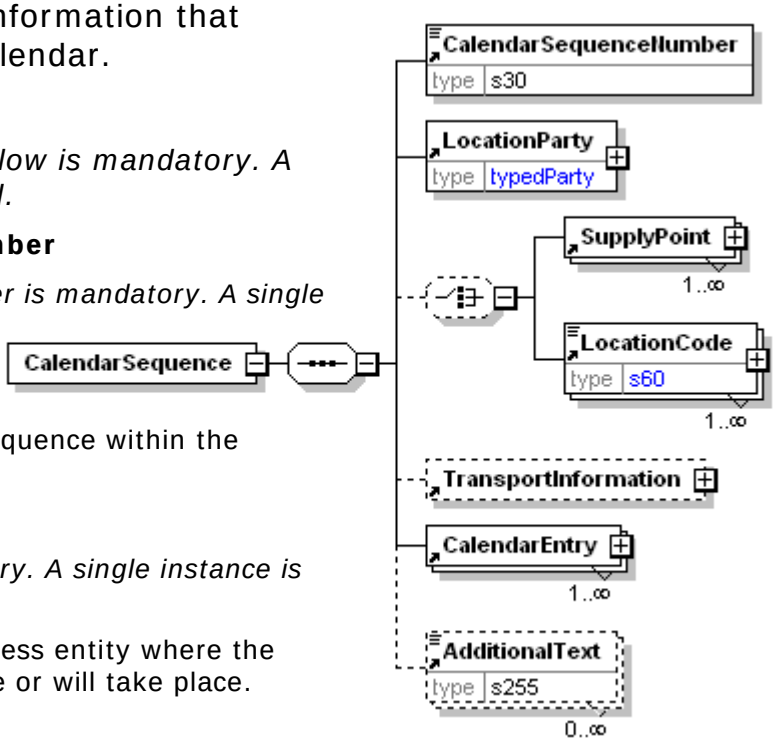
Specifies a date and/or time range.

CalendarSequence

A group item containing information that relates to a line on the Calendar.

(sequence)

The sequence of items below is mandatory. A single instance is required.



CalendarSequenceNumber

CalendarSequenceNumber is mandatory. A single instance is required.

The sequential number that uniquely identifies the Calendar sequence within the Calendar e-Document.

LocationParty

LocationParty is mandatory. A single instance is required.

The organization or business entity where the business event took place or will take place.

(choice)

[choice] is optional because of choice construct.

SupplyPoint

SupplyPoint is optional because of choice construct.

Grouping element that contains items describing a supply point. A SupplyPoint belongs to a LocationParty, e.g. in a DeliveryOrigin or DeliveryDestination, and describes where goods are stored and can be loaded or unloaded. A SupplyPoint can for example be a loading or unloading gate at a warehouse or a road side landing at a logging area in the forest.

LocationCode

LocationCode is optional because of choice construct.

A code used to identify a specific physical location within a site identified by a party, e.g. a loading station in a warehouse or an unloading station at a printer site.
LocationCode will be deprecated in a future version. Use SupplyPoint instead of LocationCode.

TransportInformation

TransportInformation is optional. A single instance might exist.

A grouping element for transport information.

CalendarEntry

CalendarEntry is mandatory. One instance is required, multiple instances might exist.

Detailed description of the times and contingencies for the given LocationParty.

AdditionalText

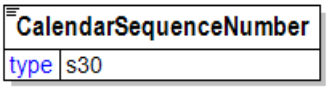
AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific

elements.

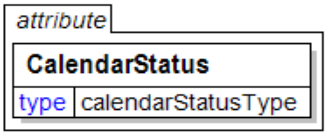
CalendarSequenceNumber

The sequential number that uniquely identifies the Calendar sequence within the Calendar e-Document.



CalendarStatus [attribute]

Identifies the status of the entire Calendar e-Document.



This item is restricted to the following list.

Amended

The supplied information is changed.

Cancelled

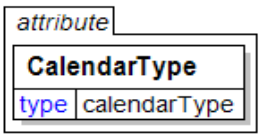
The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

Original

The supplied information is the first version of that information.

CalendarType [attribute]

Identifies the intention of the entire Calendar e-Document.



This item is restricted to the following list.

LoadingSchedule

The schedule for transport vehicle loading.

OfficeSchedule

The schedule for office personnel.

SupportSchedule

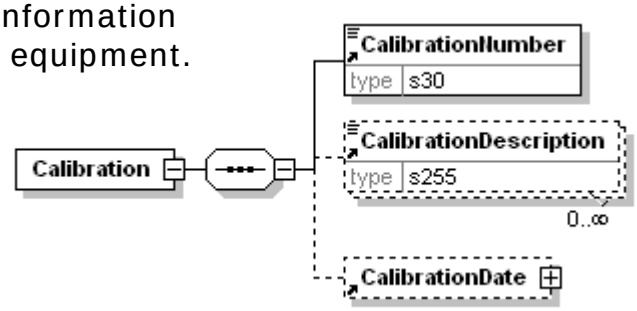
The support schedule for transport operations.

UnloadingSchedule

The schedule for transport verhicle unloading.

Calibration

A grouping element that contains information about calibration of the measuring equipment.



(sequence)

The sequence of items below is mandatory. A single instance is required.

CalibrationNumber

CalibrationNumber is mandatory. A single instance is required.

A unique identifier for the calibration event.

CalibrationDescription

CalibrationDescription is optional. Multiple instances might exist.

A text element describing the calibration event.

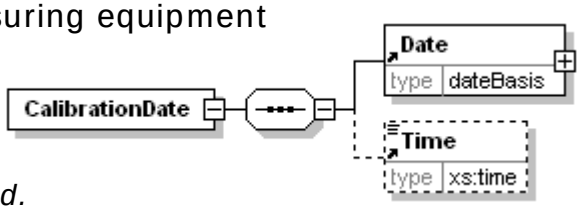
CalibrationDate

CalibrationDate is optional A single instance is required.

The date when calibration of the measuring equipment was done.

CalibrationDate

The date when calibration of the measuring equipment was done.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

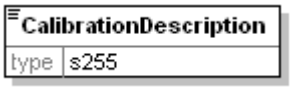
Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

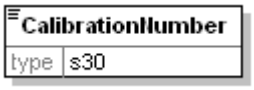
CalibrationDescription

A text element describing the calibration event.



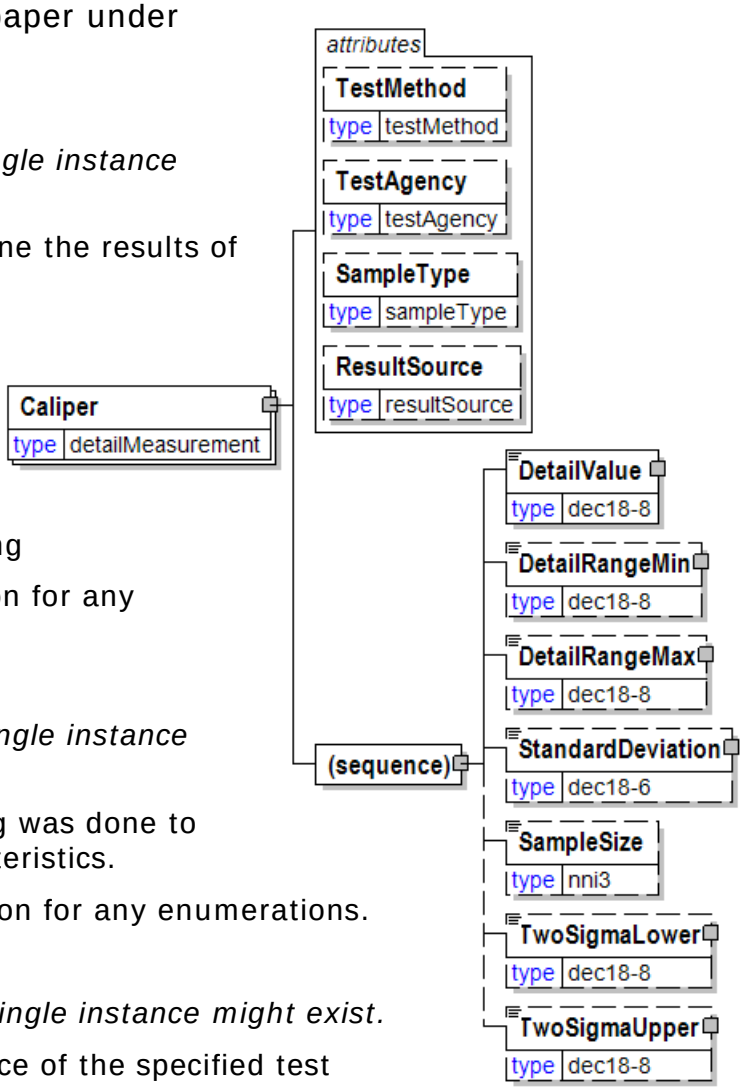
CalibrationNumber

A unique identifier for the calibration event.



Caliper

The thickness of a sheet of paper under standard test conditions.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

TwoSigmaUpper

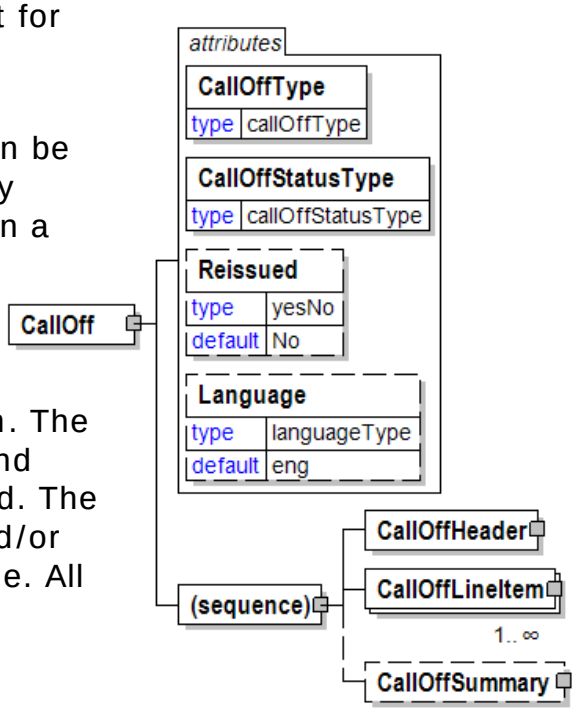
TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

CallOff

The CallOff element is the root element for the CallOff e-Document.

A CallOff is a delivery schedule for product(s). Products to be delivered can be specified by product specifications or by purchase orders. Any party as agreed in a Trading Partner Agreement can send a CallOff. Each line item in a CallOff refers either to a product included in a PurchaseOrder or to the product specifications contained in the line item. The CallOff specifies delivery schedule(s) and quantities for product(s) to be delivered. The schedule may define a specific date and/or time for delivery or include a time range. All products covered by a CallOff must be delivered to a single location.



CallOffType [attribute]

CallOffType is mandatory. A single instance is required.

CallOffType defines the type of CallOff.

Refer to CallOffType definition for any enumerations.

CallOffStatusType [attribute]

CallOffStatusType is mandatory. A single instance is required.

Identifies the status of the entire CallOff (in other words, at the root level).

Refer to CallOffStatusType definition for any enumerations.

Reissued [attribute]

Reissued is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Reissued definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

CallOffHeader

CallOffHeader is mandatory. A single instance is required.

A group item containing generic information applicable to the entire CallOff.

CallOffLineItem

CallOffLineItem is mandatory. One instance is required, multiple instances might exist.

A group item containing information that relates to a line on the CallOff.

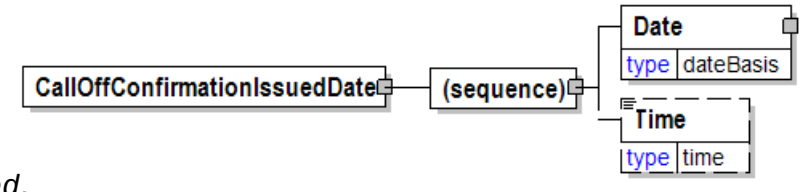
CallOffSummary

CallOffSummary is optional. A single instance might exist.

Contains summary information that applies to the CallOff.

CallOffConfirmationIssuedDate

The Date and Time on which the CallOff confirmation was issued.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

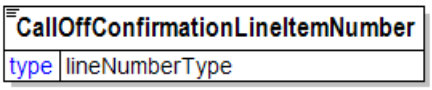
Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

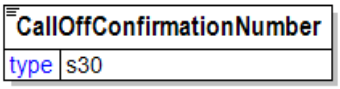
CallOffConfirmationLineItemNumber

The sequential number that uniquely identifies the CallOff confirmation line item.



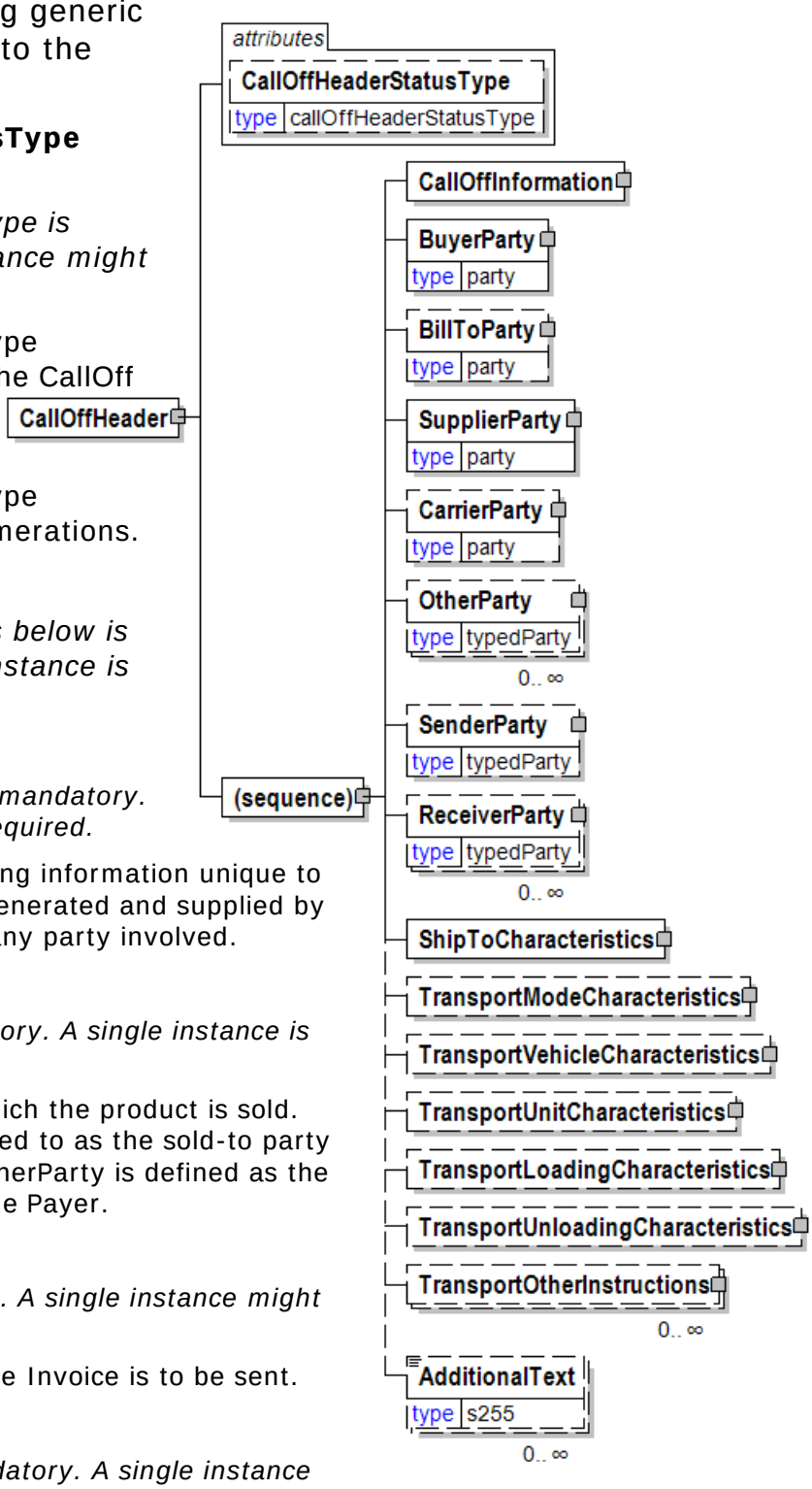
CallOffConfirmationNumber

The unique identifier given to the CallOff confirmation.



CallOffHeader

A group item containing generic information applicable to the entire CallOff.



CallOffHeaderStatusType [attribute]

CallOffHeaderStatusType is optional. A single instance might exist.

CallOffHeaderStatusType defines the status of the CallOff header.

Refer to CallOffHeaderStatusType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

CallOffInformation

CallOffInformation is mandatory. A single instance is required.

A group item containing information unique to the CallOff which is generated and supplied by the buyer, seller, or any party involved.

BuyerParty

BuyerParty is mandatory. A single instance is required.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

BillToParty

BillToParty is optional. A single instance might exist.

The address where the Invoice is to be sent.

SupplierParty

SupplierParty is mandatory. A single instance is required.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

CarrierParty

CarrierParty is optional. A single instance might exist.

The party performing the transport of the product from the pickup location to the

ship-to location; could be a hauler.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

SenderParty

SenderParty is optional. A single instance might exist.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is optional. Multiple instances might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

ShipToCharacteristics

ShipToCharacteristics is mandatory. A single instance is required.

A group item that provides information important for the Ship-To Party.

ShipToCharacteristics may be referenced at both the header and line item level. The reference at the header is required and acts as a default for the value at the line level, unless overridden at the line level.

TransportModeCharacteristics

TransportModeCharacteristics is optional. A single instance might exist.

A group item defining the primary mode of transport.

TransportVehicleCharacteristics

TransportVehicleCharacteristics is optional. A single instance might exist.

A group item containing information about a transport vehicle, e.g. a truck. A transport vehicle has its own power and can be used to pull, push, carry, or tow a transport unit loaded with goods.

TransportUnitCharacteristics

TransportUnitCharacteristics is optional. A single instance might exist.

A group item containing information about a transport unit, e.g. a trailer. Transport units contain goods and move using power from another source, the transport vehicle.

TransportLoadingCharacteristics

TransportLoadingCharacteristics is optional. A single instance might exist.

A group item defining how the transported items are to be loaded.

TransportUnloadingCharacteristics

TransportUnloadingCharacteristics is optional. A single instance might exist.

A group item defining how the transported items are to be unloaded.

TransportOtherInstructions

TransportOtherInstructions is optional. Multiple instances might exist.

A group item defining any other instructions for the transport not covered in the description of transport mode, vehicle, unit, and loading characteristics or defining an alternative description for the categories mentioned above.

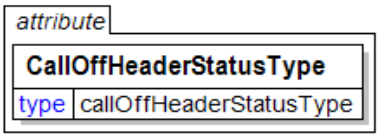
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

CallOffHeaderStatusType [attribute]

CallOffHeaderStatusType defines the status of the CallOff header.



This item is restricted to the following list.

Accepted

The supplied information is accepted.

Amended

The supplied information is changed.

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

NoAction

The supplied information has not been amended and thereby requires no action.

Original

The supplied information is the first version of that information.

Rejected

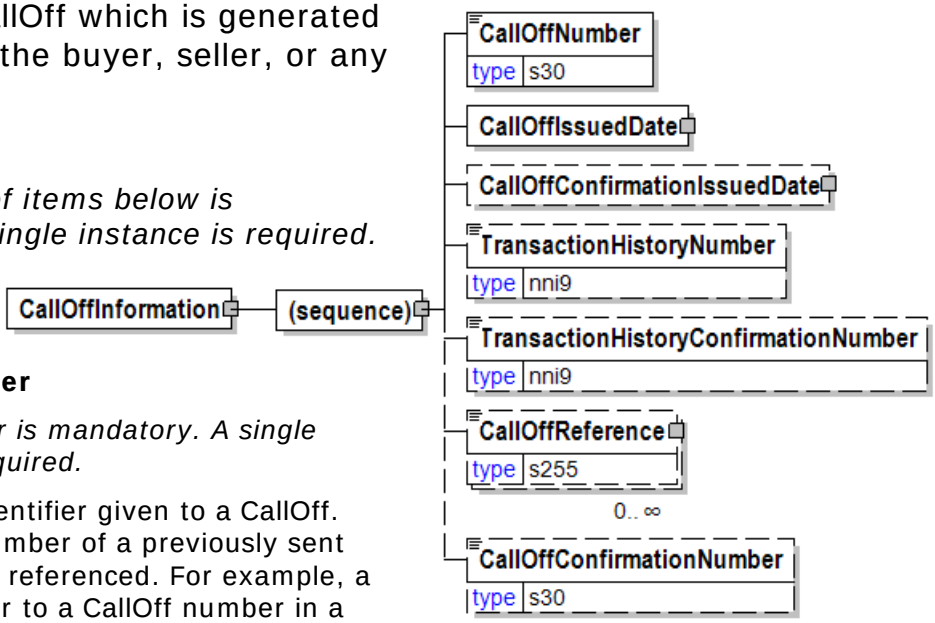
The supplied information is rejected.

CallOffInformation

A group item containing information unique to the CallOff which is generated and supplied by the buyer, seller, or any party involved.

(sequence)

The sequence of items below is mandatory. A single instance is required.



CallOffNumber

CallOffNumber is mandatory. A single instance is required.

The unique identifier given to a CallOff. The CallOff number of a previously sent CallOff can be referenced. For example, a seller can refer to a CallOff number in a DeliveryMessage.

CallOffIssuedDate

CallOffIssuedDate is mandatory. A single instance is required.

The Date and Time when the CallOoff was issued.

CallOffConfirmationIssuedDate

CallOffConfirmationIssuedDate is optional. A single instance might exist.

The Date and Time on which the CallOff confirmation was issued.

TransactionHistoryNumber

TransactionHistoryNumber is optional. A single instance might exist.

A sequential number that keeps track of the version of a document being sent by the document originator except in the case where TransactionHistoryConfirmation is used, in which case the TransactionHistoryNumber refers to the trigger transaction for which the confirmation is being sent.

TransactionHistoryConfirmationNumber

TransactionHistoryConfirmationNumber is optional. A single instance might exist.

A sequential number that indicates the version of the confirmation document being sent.

CallOffReference

CallOffReference is optional. Multiple instances might exist.

An element item detailing relevant references pertaining to the CallOff. CallOffReference uses the CallOffReferenceType attribute.

CallOffConfirmationNumber

CallOffConfirmationNumber is optional. A single instance might exist.

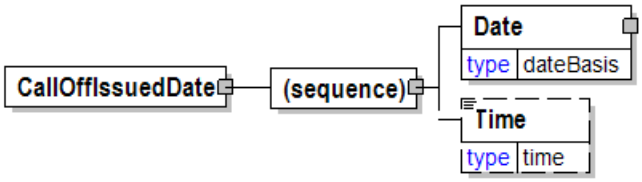
The unique identifier given to the CallOff confirmation.

CallOffIssuedDate

The Date and Time when the CallOoff was issued.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

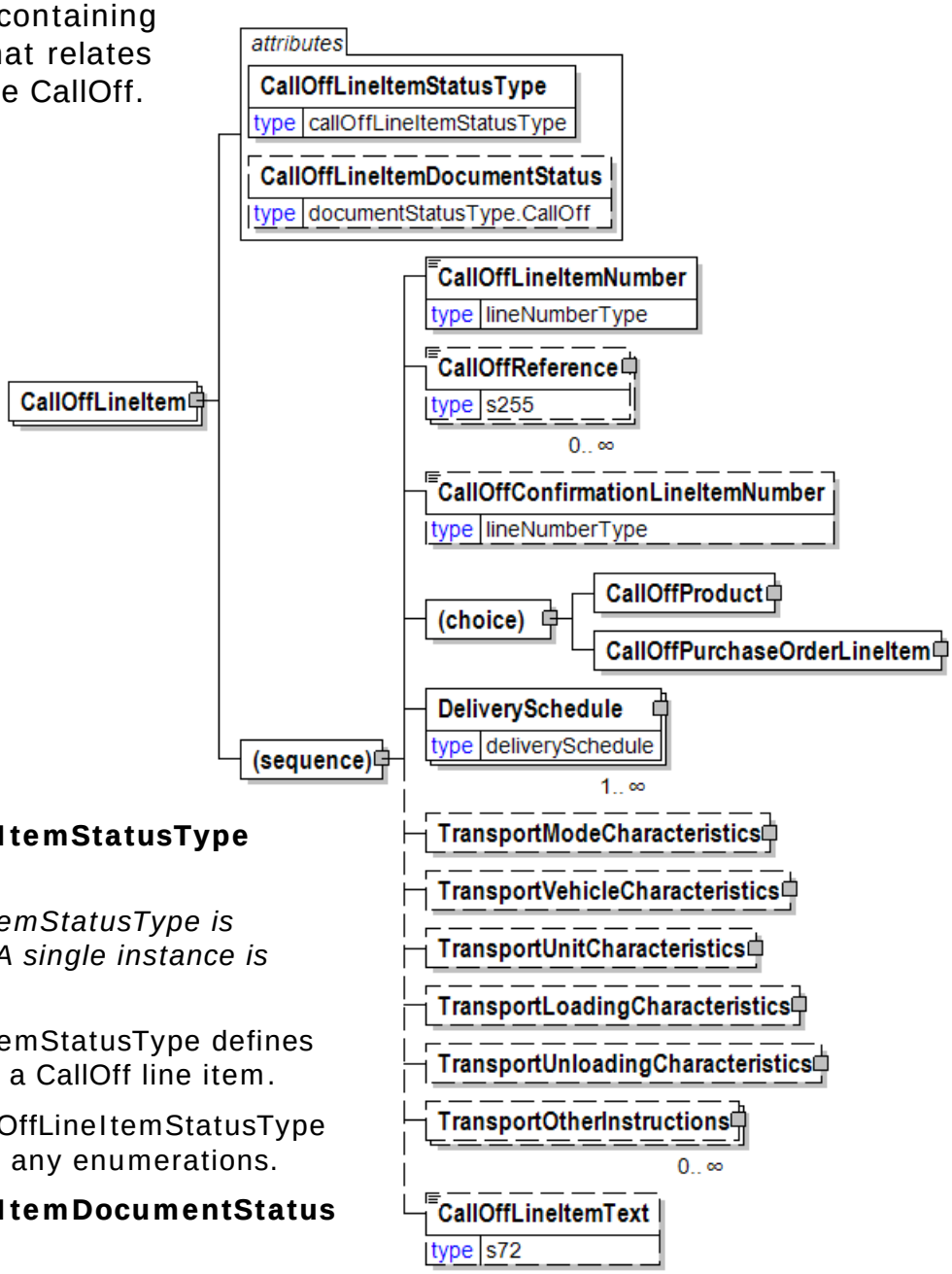
Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

CallOffLineItem

A group item containing information that relates to a line on the CallOff.



CallOffLineItemStatusType [attribute]

CallOffLineItemStatusType is mandatory. A single instance is required.

CallOffLineItemStatusType defines the status of a CallOff line item.

Refer to CallOffLineItemStatusType definition for any enumerations.

CallOffLineItemDocumentStatus [attribute]

CallOffLineItemDocumentStatus is optional. A single instance might exist.

Defines the actual document status for the CallOffLineItem.

Refer to CallOffLineItemDocumentStatus definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

CallOffLineItemNumber

CallOffLineItemNumber is mandatory. A single instance is required.

The sequential number that uniquely identifies the CallOff line item.

CallOffReference

CallOffReference is optional. Multiple instances might exist.

An element item detailing relevant references pertaining to the CallOff. CallOffReference uses the CallOffReferenceType attribute.

CallOffConfirmationLineItemNumber

CallOffConfirmationLineItemNumber is optional. A single instance might exist.

The sequential number that uniquely identifies the CallOff confirmation line item.

(choice)

[choice] is optional because of choice construct.

CallOffProduct

CallOffProduct is optional because of choice construct.

A group item identifying the product to be called off.

CallOffPurchaseOrderLineItem

CallOffPurchaseOrderLineItem is optional because of choice construct.

A group item referring to a PurchaseOrder line item.

DeliverySchedule

DeliverySchedule is mandatory. One instance is required, multiple instances might exist.

A group item defining a series of DeliveryDateWindow(s) in which specified quantities must be delivered.

TransportModeCharacteristics

TransportModeCharacteristics is optional. A single instance might exist.

A group item defining the primary mode of transport.

TransportVehicleCharacteristics

TransportVehicleCharacteristics is optional. A single instance might exist.

A group item containing information about a transport vehicle, e.g. a truck. A transport vehicle has its own power and can be used to pull, push, carry, or tow a transport unit loaded with goods.

TransportUnitCharacteristics

TransportUnitCharacteristics is optional. A single instance might exist.

A group item containing information about a transport unit, e.g. a trailer. Transport units contain goods and move using power from another source, the transport vehicle.

TransportLoadingCharacteristics

TransportLoadingCharacteristics is optional. A single instance might exist.

A group item defining how the transported items are to be loaded.

TransportUnloadingCharacteristics

TransportUnloadingCharacteristics is optional. A single instance might exist.

A group item defining how the transported items are to be unloaded.

TransportOtherInstructions

TransportOtherInstructions is optional. Multiple instances might exist.

A group item defining any other instructions for the transport not covered in the description of transport mode, vehicle, unit, and loading characteristics or defining an alternative description for the categories mentioned above.

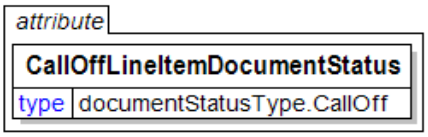
CallOffLineItemText

CallOffLineItemText is optional. A single instance might exist.

A free text field to be used for special item instructions.

CallOffLineItemDocumentStatus [attribute]

Defines the actual document status for the CallOffLineItem.



This item is restricted to the following list.

Cancelled

The supplied information of the document item is cancelled. Items that have been cancelled are not included in totals on the summary level of e-Documents.

Confirmed

The supplied information of the document item is agreed. If a requested change or cancellation of an existing document item can not be accepted, then the earlier agreed information of the document item will be re-confirmed.

Pending

The supplied information of the document item is being investigated.

Rejected

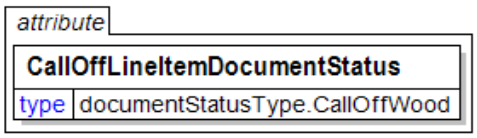
The supplied information of the document item can not be accepted. The document item is new or not earlier confirmed.

Requested

The supplied information of the document item is ordered.

CallOffLineItemDocumentStatus [attribute]

Defines the actual document status for the CallOffLineItem.



This item is restricted to the following list.

Cancelled

The supplied information of the document item is cancelled. Items that have been cancelled are not included in totals on the summary level of e-Documents.

Confirmed

The supplied information of the document item is agreed. If a requested change or cancellation of an existing document item can not be accepted, then the earlier agreed information of the document item will be re-confirmed.

Pending

The supplied information of the document item is being investigated.

Rejected

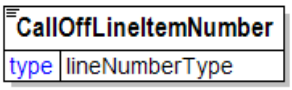
The supplied information of the document item can not be accepted. The document item is new or not earlier confirmed.

Requested

The supplied information of the document item is ordered.

CallOffLineItemNumber

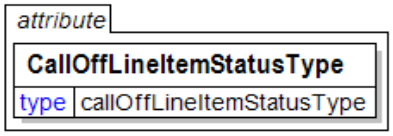
The sequential number that uniquely identifies the CallOff line item.



CallOffLineItemStatusType [attribute]

CallOffLineItemStatusType defines the status of a CallOff line item.

This item is restricted to the following list.



Accepted

The supplied information is accepted.

Amended

The supplied information is changed.

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

NoAction

The supplied information has not been amended and thereby requires no action.

Original

The supplied information is the first version of that information.

Pending

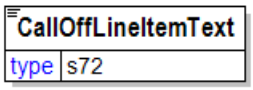
The supplied information is not complete and will be updated later.

Rejected

The supplied information is rejected.

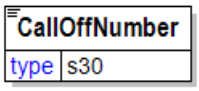
CallOffLineItemText

A free text field to be used for special item instructions.



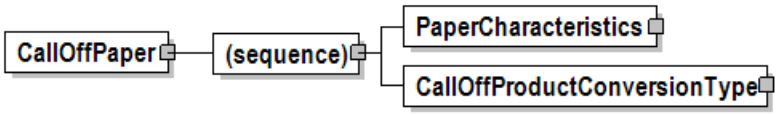
CallOffNumber

The unique identifier given to a CallOff. The CallOff number of a previously sent CallOff can be referenced. For example, a seller can refer to a CallOff number in a DeliveryMessage.



CallOffPaper

A group item containing elements that describe the paper item.



(sequence)

The sequence of items below is mandatory. A single instance is required.

PaperCharacteristics

PaperCharacteristics is mandatory. A single instance is required.

The identifying characteristics of paper most important to the ordering of the item. These are the characteristics that, when associated with a given grade, allow the manufacturer to produce but not convert or package, the paper.

CallOffProductConversionType

CallOffProductConversionType is mandatory. A single instance is required.

A call off reel or a call off sheet.

CallOffProduct

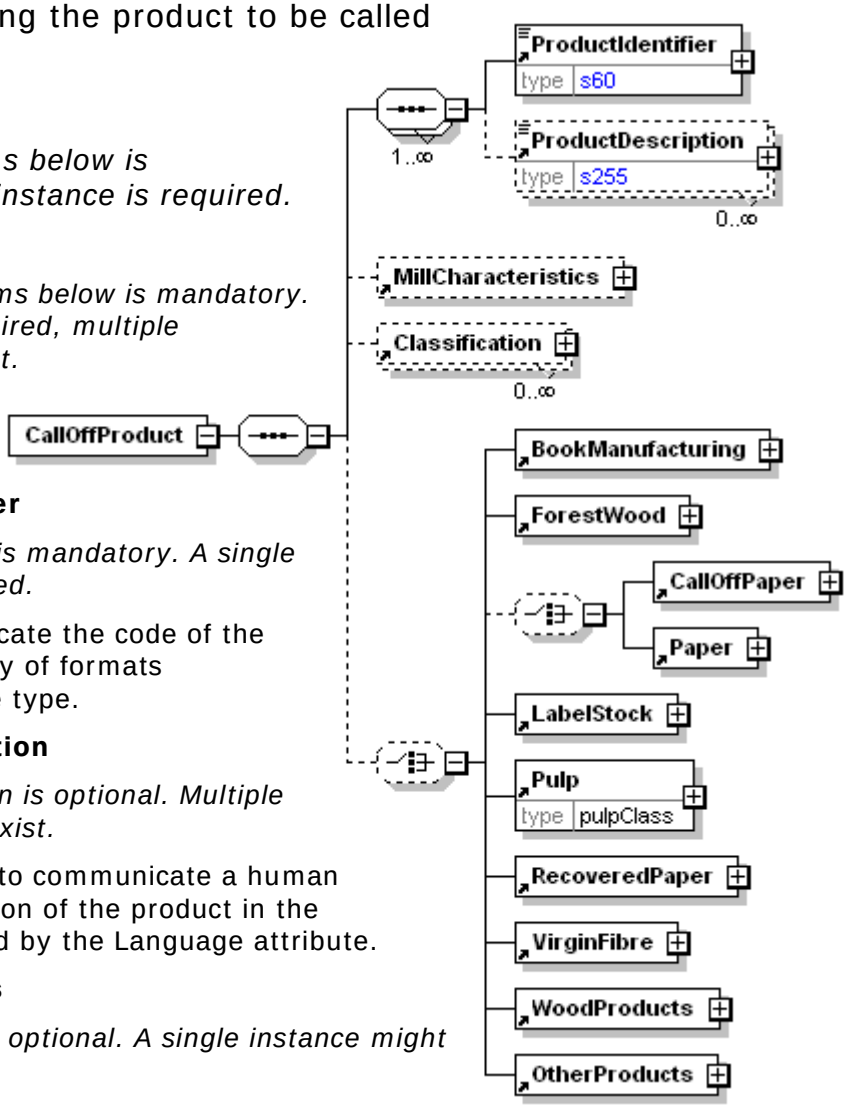
A group item identifying the product to be called off.

(sequence)

The sequence of items below is mandatory. A single instance is required.

(sequence)

The sequence of items below is mandatory. One instance is required, multiple instances might exist.



ProductIdentifier

ProductIdentifier is mandatory. A single instance is required.

Used to communicate the code of the article, in a variety of formats designated by the type.

ProductDescription

ProductDescription is optional. Multiple instances might exist.

An element used to communicate a human readable description of the product in the language specified by the Language attribute.

MillCharacteristics

MillCharacteristics is optional. A single instance might exist.

A group item defining the mill party and machine identifier where a product is or was produced.

Classification

Classification is optional. Multiple instances might exist.

A group item that details the product classification according to a particular organization's scheme. An item across multiple classifications would still be recognized as the same item. Examples of some product classifications are: Containerboard, Pulp-Dissolving, or Newsprint.

(choice)

[choice] is optional because of choice construct.

BookManufacturing

BookManufacturing is optional because of choice construct.

BookManufacturing is a group element that contains the elements that describe the book manufacturing process.

ForestWood

ForestWood is optional because of choice construct.

A grouping element with information about characteristics for Forest Wood

products.

(choice)

[choice] is optional because of choice construct.

CallOffPaper

CallOffPaper is optional because of choice construct.

A group item containing elements that describe the paper item.

Paper

Paper is optional because of choice construct.

A group item defining the characteristics of the paper product.

LabelStock

LabelStock is optional because of choice construct.

LabelStock contains the attributes and characteristics that define the label stock product.

Pulp

Pulp is optional because of choice construct.

A group item defining the characteristics of pulp that are not dependent on a particular conversion process.

RecoveredPaper

RecoveredPaper is optional because of choice construct.

A group item defining the characteristics of recycled fibre that are not dependent on a particular conversion process.

VirginFibre

VirginFibre is optional because of choice construct.

Virgin Fibre

WoodProducts

WoodProducts is optional because of choice construct.

A grouping element for all wood products.

OtherProducts

OtherProducts is optional because of choice construct.

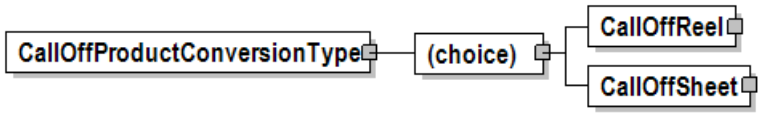
A group item defining the characteristics of other products.

CallOffProductConversionType

A call off reel or a call off sheet.

(choice)

[choice] is optional because of choice construct.



CallOffReel

CallOffReel is optional because of choice construct.

A group item containing reel information for the CallOff.

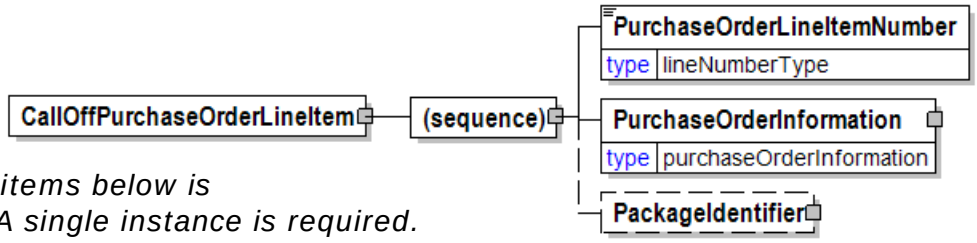
CallOffSheet

CallOffSheet is optional because of choice construct.

A group item containing sheet information for the CallOff.

CallOffPurchaseOrderLineItem

A group item referring to a PurchaseOrder line item.



(sequence)

The sequence of items below is mandatory. A single instance is required.

PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber is mandatory. A single instance is required.

The sequential number that uniquely identifies the PurchaseOrder line item.

PurchaseOrderInformation

PurchaseOrderInformation is mandatory. A single instance is required.

A group item containing information unique to this PurchaseOrder, which is provided by the buyer. PurchaseOrderInformation can be optional in the supply chain. Invoices are created without having a PurchaseOrder in Vendor Managed Inventory. Freight invoices also will not have a PurchaseOrder number.

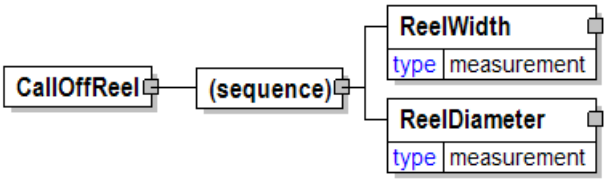
PackageIdentifier

PackageIdentifier is optional. A single instance might exist.

The identifier of the productpackage (such as reel ID or pallet ID) that is used along with the PurchaseOrderLineItemNumber to call off the product.

CallOffReel

A group item containing reel information for the CallOff.



(sequence)

The sequence of items below is mandatory. A single instance is required.

ReelWidth

ReelWidth is mandatory. A single instance is required.

The width of reel from edge to edge excluding packaging.

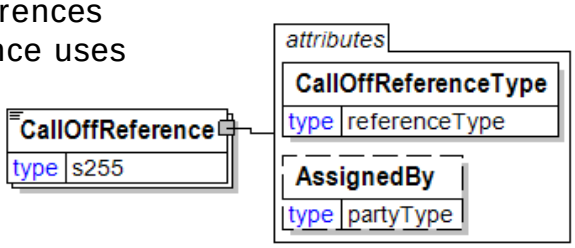
ReelDiameter

ReelDiameter is mandatory. A single instance is required.

The diameter measurement of reel excluding packaging.

CallOffReference

An element item detailing relevant references pertaining to the CallOff. CallOffReference uses the CallOffReferenceType attribute.



CallOffReferenceType [attribute]

CallOffReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to CallOffReferenceType definition for any enumerations.

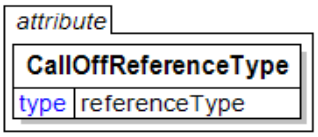
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

CallOffReferenceType [attribute]

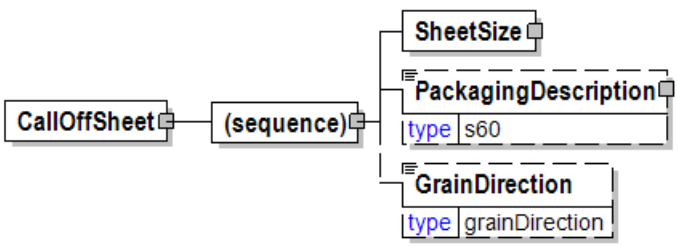


Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

CallOffSheet

A group item containing sheet information for the CallOff.



(sequence)

The sequence of items below is mandatory. A single instance is required.

SheetSize

SheetSize is mandatory. A single instance is required.

A group item that contains elements relative to the sheet size.

PackagingDescription

PackagingDescription is optional. A single instance might exist.

A text field element describing the packaging of a product.

GrainDirection

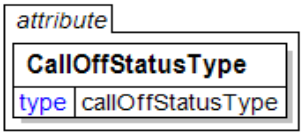
GrainDirection is optional. A single instance might exist.

Defines the primary orientation/alignment (Long or Short) of the cellulose fibres in a sheet or web of paper, which results from the flow of fibres in a water suspension during the papermaking process.

Refer to GrainDirection definition for any enumerations.

CallOffStatusType [attribute]

Identifies the status of the entire CallOff (in other words, at the root level).



This item is restricted to the following list.

Accepted

The supplied information is accepted.

Amended

The supplied information is changed.

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

Original

The supplied information is the first version of that information.

Rejected

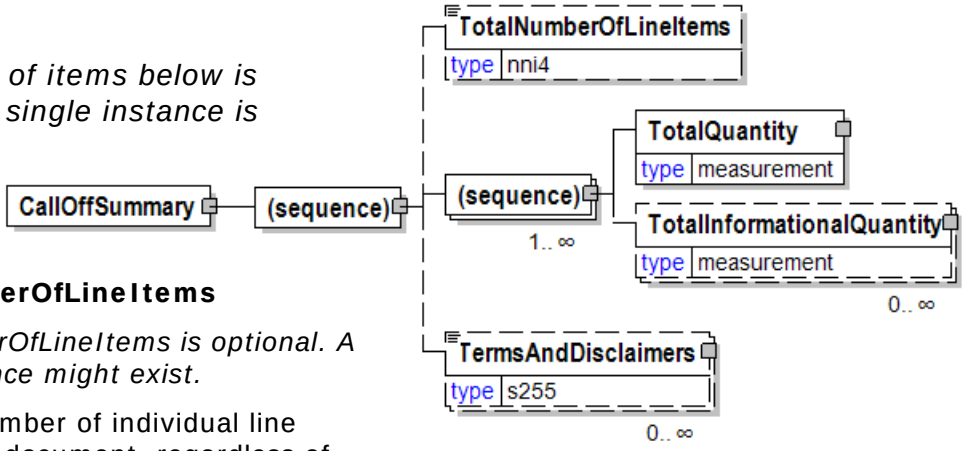
The supplied information is rejected.

CallOffSummary

Contains summary information that applies to the CallOff.

(sequence)

The sequence of items below is mandatory. A single instance is required.



TotalNumberOfLineItems

TotalNumberOfLineItems is optional. A single instance might exist.

The total number of individual line items in the document, regardless of the status or type.

(sequence)

The sequence of items below is mandatory. One instance is required, multiple instances might exist.

TotalQuantity

TotalQuantity is mandatory. A single instance is required.

The total quantity of similar items in the e-Document. TotalQuantity is primarily used in the summary section of documents where it is repeatable to permit totaling for different units of measure.

TotalInformationalQuantity

TotalInformationalQuantity is optional. Multiple instances might exist.

A quantity that is used to communicate related information about the parent element. This element represents a total that is derived from individual line items.

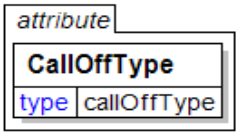
TermsAndDisclaimers

TermsAndDisclaimers is optional. Multiple instances might exist.

An element that contains legal information with an indication of what the Language is.

CallOffType [attribute]

CallOffType defines the type of CallOff.



This item is restricted to the following list.

CallOff

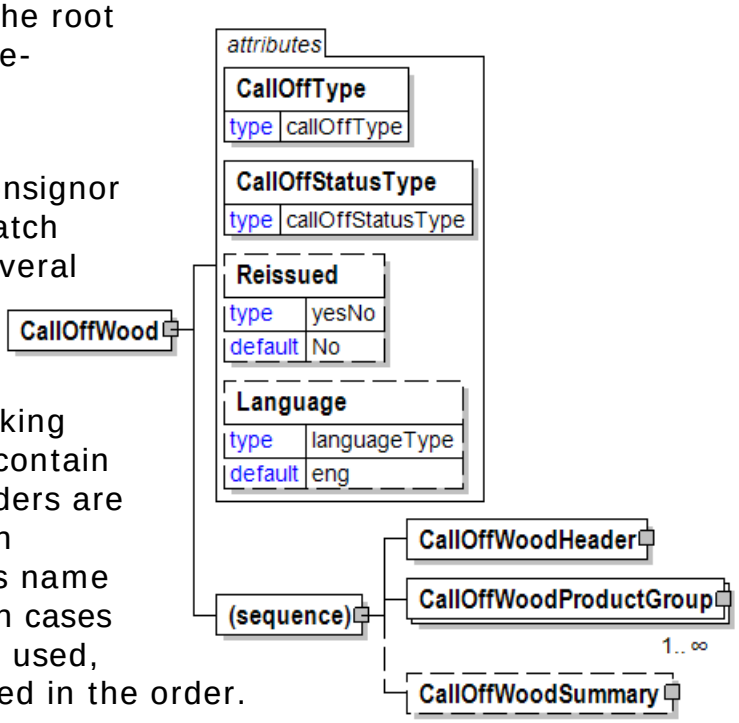
Defines a CallOff sent by the buyer to the seller.

CallOffConfirmation

Defines a CallOff confirmation sent in response to a CallOff.

CallOffWood

The CallOffWood element is the root element for the CallOffWood e-Document.



A CallOffWood is a business transaction instructing the consignor (normally the seller) to despatch goods belonging to one or several orders. A CallOffWood contains information about how the goods are to be loaded, quantities, marking instructions etc. It may also contain information about where borders are to be crossed and information concerning transport, such as name of ship and shipping agent. In cases where the CallOffWood is not used, delivery information is included in the order.

CallOffType [attribute]

CallOffType is mandatory. A single instance is required.

CallOffType defines the type of CallOff.

Refer to CallOffType definition for any enumerations.

CallOffStatusType [attribute]

CallOffStatusType is mandatory. A single instance is required.

Identifies the status of the entire CallOff (in other words, at the root level).

Refer to CallOffStatusType definition for any enumerations.

Reissued [attribute]

Reissued is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Reissued definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

CallOffWoodHeader

CallOffWoodHeader is mandatory. A single instance is required.

Information that applies to the entire Wood market segment CallOff e-Document.

CallOffWoodProductGroup

CallOffWoodProductGroup is mandatory. One instance is required, multiple instances might exist.

CallOffWoodProductGroup provides for groupings of line items in the CallOff e-Document.

This construct was introduced in version v2r30. It is recognized that the introduction of this construct is not in conformance with the papiNet policy of backward compatibility within releases of the same version.

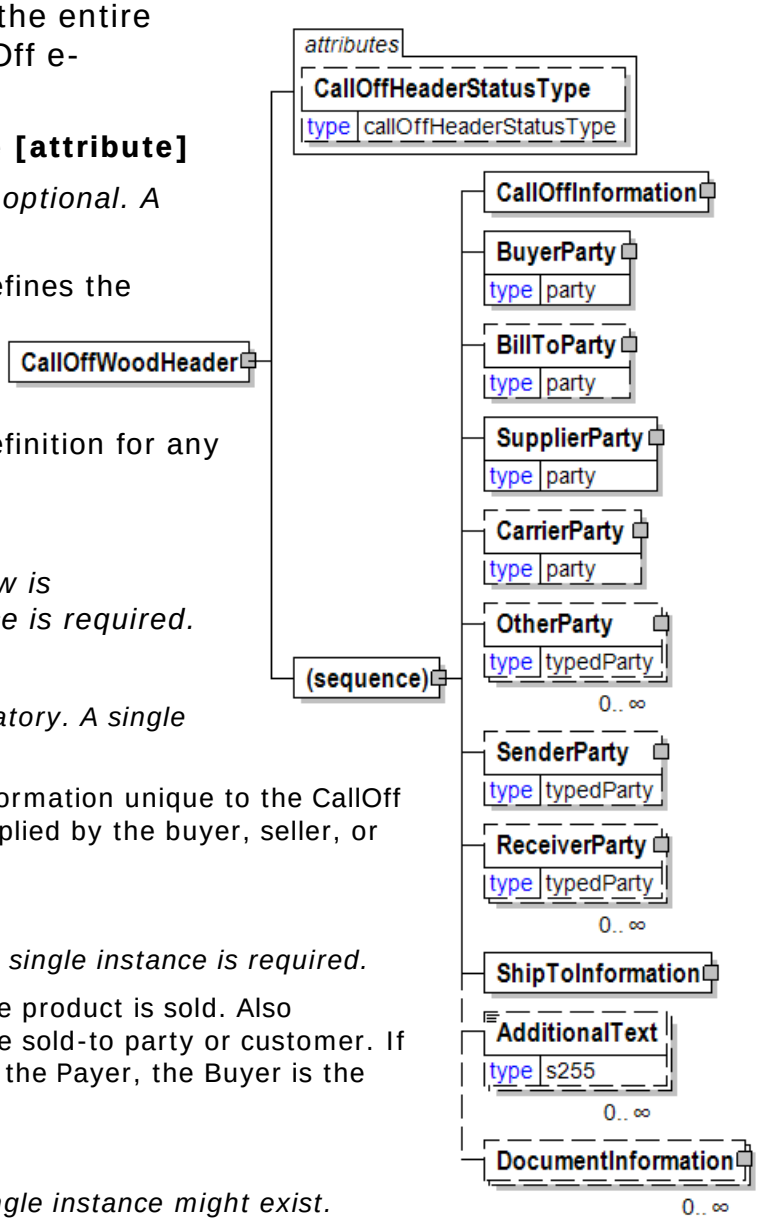
CallOffWoodSummary

CallOffWoodSummary is optional. A single instance might exist.

Summary information that applies to the Wood market segment CallOff e-Document.

CallOffWoodHeader

Information that applies to the entire Wood market segment CallOff e-Document.



CallOffHeaderStatusType [attribute]

CallOffHeaderStatusType is optional. A single instance might exist.

CallOffHeaderStatusType defines the status of the CallOff header.

Refer to CallOffHeaderStatusType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

CallOffInformation

CallOffInformation is mandatory. A single instance is required.

A group item containing information unique to the CallOff which is generated and supplied by the buyer, seller, or any party involved.

BuyerParty

BuyerParty is mandatory. A single instance is required.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

BillToParty

BillToParty is optional. A single instance might exist.

The address where the invoice is to be sent.

SupplierParty

SupplierParty is mandatory. A single instance is required.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

CarrierParty

CarrierParty is optional. A single instance might exist.

The party performing the transport of the product from the pickup location to the ship-to location; could be a hauler.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

SenderParty

SenderParty is optional. A single instance might exist.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is optional. Multiple instances might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

ShipToInformation

ShipToInformation is mandatory. A single instance is required.

Group element containing information about the ship to and delivery of a product.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

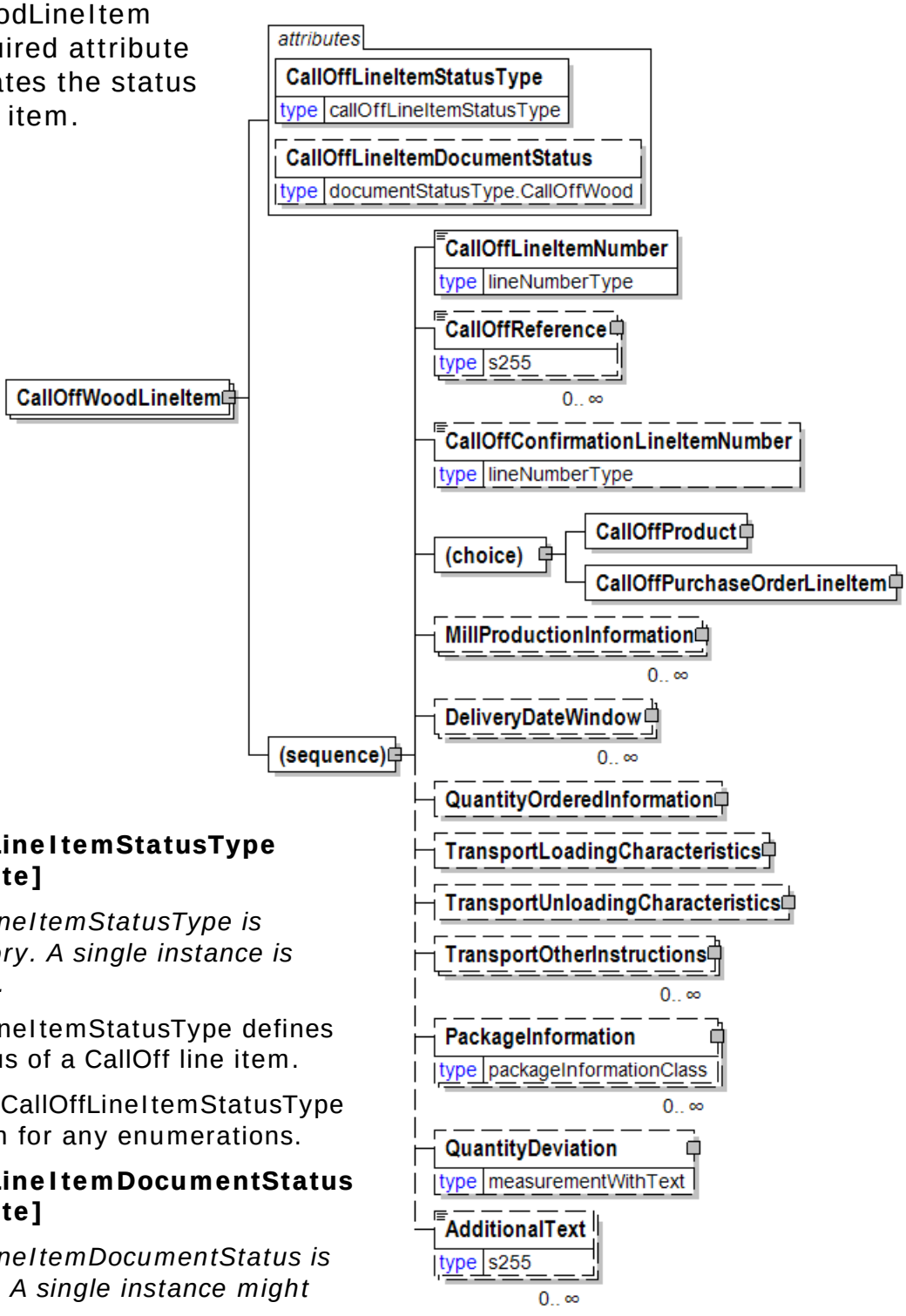
DocumentInformation

DocumentInformation is optional. Multiple instances might exist.

A group element containing a specification of required documents in the business process. Additional free text to be printed on documents can also be specified.

CallOffWoodLineItem

CallOffWoodLineItem has a required attribute that indicates the status of the line item.



CallOffLineItemStatusType [attribute]

CallOffLineItemStatusType is mandatory. A single instance is required.

CallOffLineItemStatusType defines the status of a CallOff line item.

Refer to CallOffLineItemStatusType definition for any enumerations.

CallOffLineItemDocumentStatus [attribute]

CallOffLineItemDocumentStatus is optional. A single instance might exist.

Defines the actual document status for the CallOffLineItem.

Refer to CallOffLineItemDocumentStatus definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

CallOffLineItemNumber

CallOffLineItemNumber is mandatory. A single instance is required.

The sequential number that uniquely identifies the CallOff line item.

CallOffReference

CallOffReference is optional. Multiple instances might exist.

An element item detailing relevant references pertaining to the CallOff. CallOffReference uses the CallOffReferenceType attribute.

CallOffConfirmationLineItemNumber

CallOffConfirmationLineItemNumber is optional. A single instance might exist.

The sequential number that uniquely identifies the CallOff confirmation line item.

(choice)

[choice] is optional because of choice construct.

CallOffProduct

CallOffProduct is optional because of choice construct.

A group item identifying the product to be called off.

CallOffPurchaseOrderLineItem

CallOffPurchaseOrderLineItem is optional because of choice construct.

A group item referring to a PurchaseOrder line item.

MillProductionInformation

MillProductionInformation is optional. Multiple instances might exist.

A grouping element that contains information about production at the mill.

DeliveryDateWindow

DeliveryDateWindow is optional. Multiple instances might exist.

A group item defining the date/time interval for delivery to take place. An element which may contain the estimated date for which delivery is expected. This date is not absolute.

QuantityOrderedInformation

QuantityOrderedInformation is optional. A single instance might exist.

Used to identify quantity. The construct provides via InformationalQuantity the ability to provide the Quantity in another UOM. Length is also provided to further specify the quantity.

TransportLoadingCharacteristics

TransportLoadingCharacteristics is optional. A single instance might exist.

A group item defining how the transported items are to be loaded.

TransportUnloadingCharacteristics

TransportUnloadingCharacteristics is optional. A single instance might exist.

A group item defining how the transported items are to be unloaded.

TransportOtherInstructions

TransportOtherInstructions is optional. Multiple instances might exist.

A group item defining any other instructions for the transport not covered in the description of transport mode, vehicle, unit, and loading characteristics or defining an alternative description for the categories mentioned above.

PackageInformation

PackageInformation is optional. Multiple instances might exist.

The purpose of the PackageInformation structure is to clearly identify physical handling items that constitute the delivery.

PackageInformation is the highest level of product packaging it describes the shipping or warehousing unit.

If you are communicating a package, usually for logistics or transport purposes, you should include the PackageType, Identifier, ItemCount, and Quantity. (Note: you still have the ability to describe the item with one of the “named” items.)

If you are communicating one of the named Items there is no need to include PackageType, Identifier, ItemCount, and Quantity.

Since either of these two approaches can be used the entie contents of this element are optional even though the parent may be required. It is expected that you will fill in the appropriate details.

QuantityDeviation

QuantityDeviation is optional. A single instance might exist.

To be deprecated in a future version. Use the Quantity element with a QuantityContext of "Deviation".

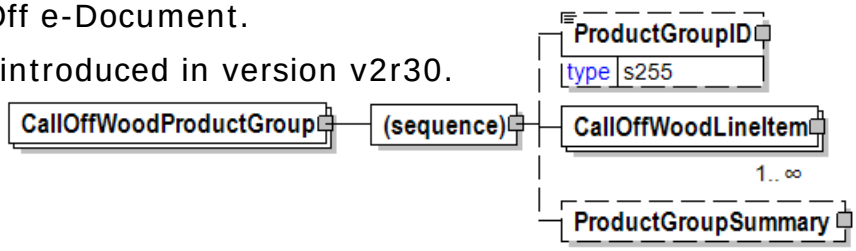
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

CallOffWoodProductGroup

CallOffWoodProductGroup provides for groupings of line items in the CallOff e-Document.



This construct was introduced in version v2r30. It is recognized that the introduction of this construct is not in conformance with the papiNet policy of backward compatibility within releases of the same version.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ProductGroupID

ProductGroupID is optional. A single instance might exist.

Possibility to group packages or Shipments. Example: Creating temporary group ID's for logistic reasons or lot number.

CallOffWoodLineItem

CallOffWoodLineItem is mandatory. One instance is required, multiple instances might exist.

CallOffWoodLineItem has a required attribute that indicates the status of the line item.

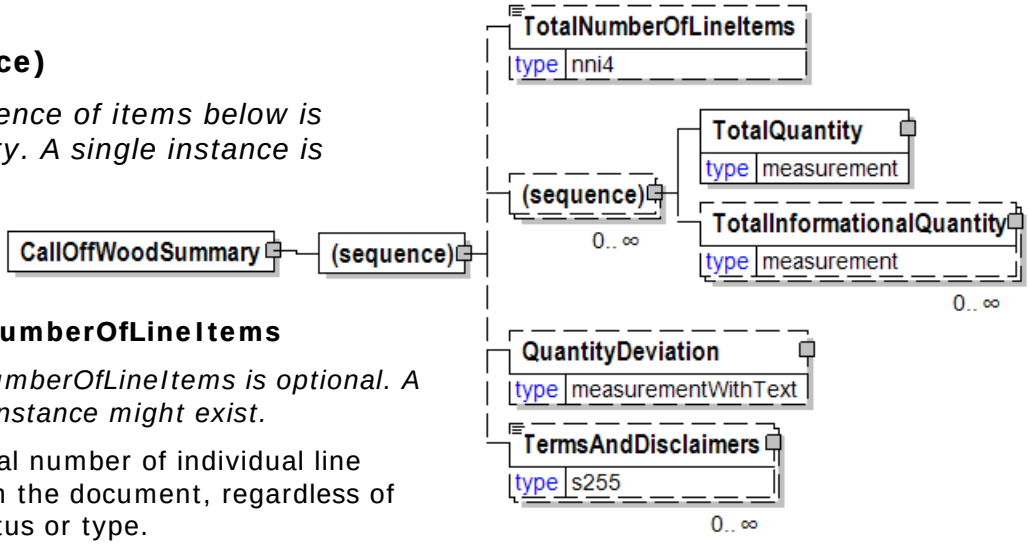
ProductGroupSummary

ProductGroupSummary is optional. A single instance might exist.

Group of elements to provide summary information on product level.

CallOffWoodSummary

Summary information that applies to the Wood market segment CallOff e-Document.



(sequence)

The sequence of items below is mandatory. A single instance is required.

TotalNumberOfLineItems

TotalNumberOfLineItems is optional. A single instance might exist.

The total number of individual line items in the document, regardless of the status or type.

(sequence)

The sequence of items below is optional. Multiple instances might exist.

TotalQuantity

TotalQuantity is mandatory. A single instance is required.

The total quantity of similar items in the e-Document. TotalQuantity is primarily used in the summary section of documents where it is repeatable to permit totaling for different units of measure.

TotalInformationalQuantity

TotalInformationalQuantity is optional. Multiple instances might exist.

A quantity that is used to communicate related information about the parent element. This element represents a total that is derived from individual line items.

QuantityDeviation

QuantityDeviation is optional. A single instance might exist.

To be deprecated in a future version. Use the Quantity element with a QuantityContext of "Deviation".

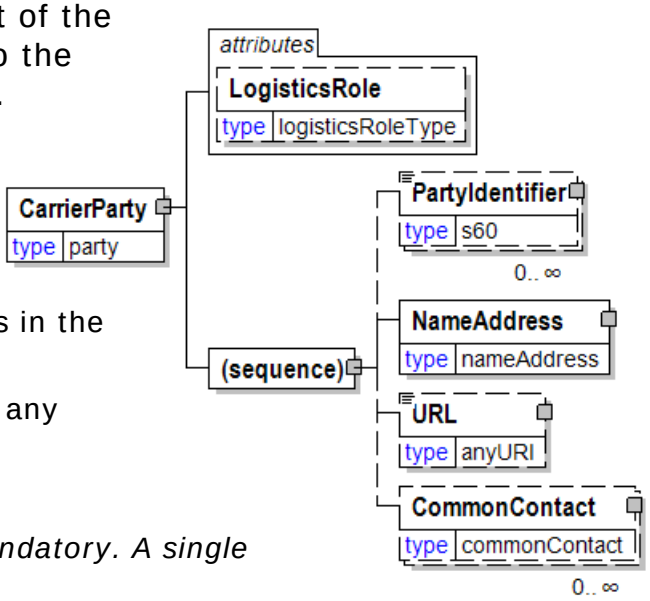
TermsAndDisclaimers

TermsAndDisclaimers is optional. Multiple instances might exist.

An element that contains legal information with an indication of what the Language is.

CarrierParty

The party performing the transport of the product from the pickup location to the ship-to location; could be a hauler.



LogisticsRole [attribute]

LogisticsRole is optional. A single instance might exist.

Communicates the nature of the logistics role, if any, the party plays in the transaction.

Refer to LogisticsRole definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PartyIdentifier

PartyIdentifier is optional. Multiple instances might exist.

A unique identifier of a specific party. This element contains an attribute PartyIdentifierType that indicates the type of party.

NameAddress

NameAddress is mandatory. A single instance is required.

A group item containing name and address of an organisation or business entity.

URL

URL is optional. A single instance might exist.

Universal Resource Locator. While typically a web address you could use this field to hold an email address.

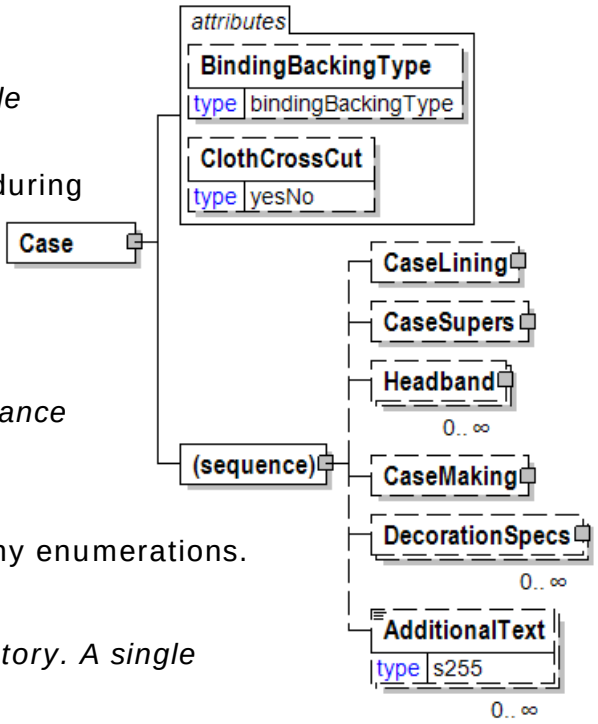
CommonContact

CommonContact is optional. Multiple instances might exist.

Identifies a specific individual associated with the party.

Case

Case information



BindingBackingType [attribute]

BindingBackingType is optional. A single instance might exist.

Specifies the shape of the book spine during the binding operation.

Refer to BindingBackingType definition for any enumerations.

ClothCrossCut [attribute]

ClothCrossCut is optional. A single instance might exist.

Either "Yes" or "No".

Refer to ClothCrossCut definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

CaseLining

CaseLining is optional. A single instance might exist.

Case lining

CaseSupers

CaseSupers is optional. A single instance might exist.

Case supers

Headband

Headband is optional. Multiple instances might exist.

Headband.

CaseMaking

CaseMaking is optional. A single instance might exist.

Case making

DecorationSpecs

DecorationSpecs is optional. Multiple instances might exist.

Decoration specifications

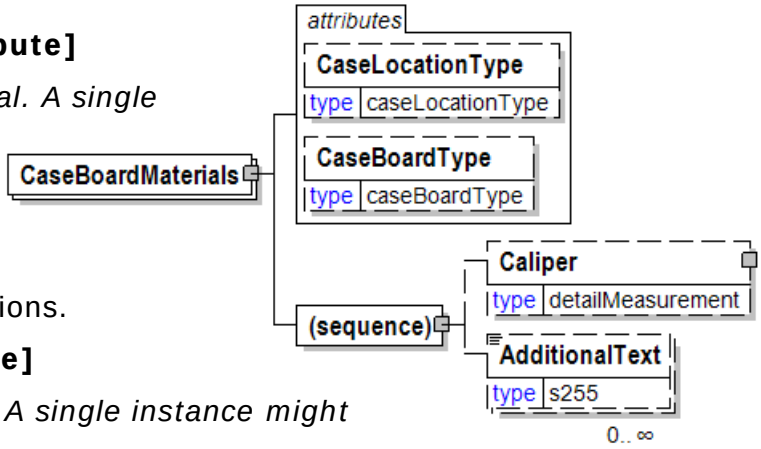
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

CaseBoardMaterials

Case board materials



CaseLocationType [attribute]

CaseLocationType is optional. A single instance might exist.

Case location type

Refer to CaseLocationType definition for any enumerations.

CaseBoardType [attribute]

CaseBoardType is optional. A single instance might exist.

The type of case board material.

Refer to CaseBoardType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Caliper

Caliper is optional. A single instance might exist.

The thickness of a sheet of paper under standard test conditions.

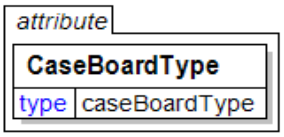
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

CaseBoardType [attribute]

The type of case board material.



This item is restricted to the following list.

Binders

Chipboard

Eskaboard

Fluted

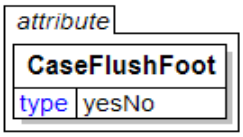
Padded

PastedOak

Other

CaseFlushFoot [attribute]

Either "Yes" or "No".



This item is restricted to the following list.

Yes

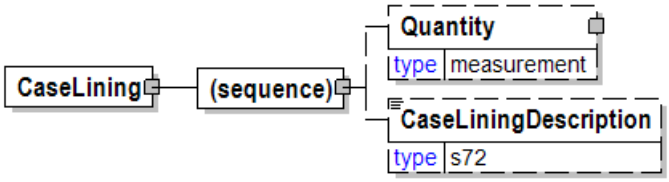
No

CaseLining

Case lining

(sequence)

The sequence of items below is mandatory. A single instance is required.



Quantity

Quantity is optional. A single instance might exist.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

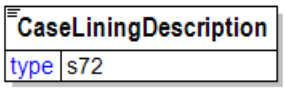
CaseLiningDescription

CaseLiningDescription is optional. A single instance might exist.

Case lining description

CaseLiningDescription

Case lining description



CaseLocationType [attribute]

Case location type



This item is restricted to the following list.

Front

Back

Spine

FrontAndBack

FrontAndSpine

BackAndSpine

FrontAndBackAndSpine

CaseMaking

Case making

CaseType [attribute]

CaseType is optional. A single instance might exist.

Case type

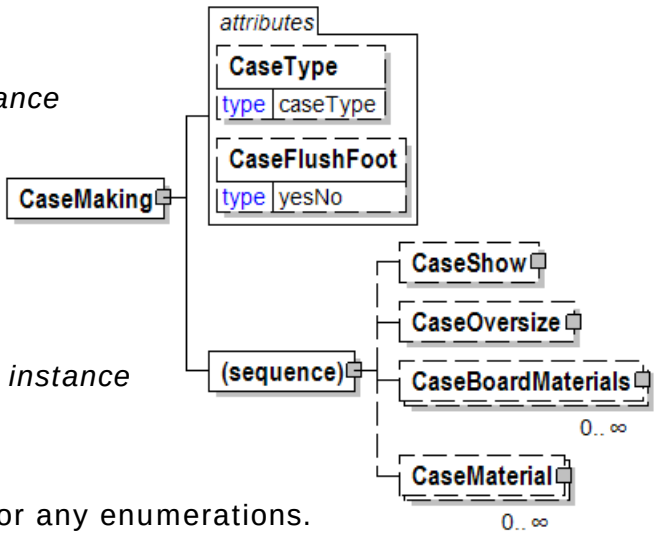
Refer to CaseType definition for any enumerations.

CaseFlushFoot [attribute]

CaseFlushFoot is optional. A single instance might exist.

Either "Yes" or "No".

Refer to CaseFlushFoot definition for any enumerations.



(sequence)

The sequence of items below is mandatory. A single instance is required.

CaseShow

CaseShow is optional. A single instance might exist.

Case show

CaseOversize

CaseOversize is optional. A single instance might exist.

Case oversize

CaseBoardMaterials

CaseBoardMaterials is optional. Multiple instances might exist.

Case board materials

CaseMaterial

CaseMaterial is optional. Multiple instances might exist.

Case material

CaseMaterial

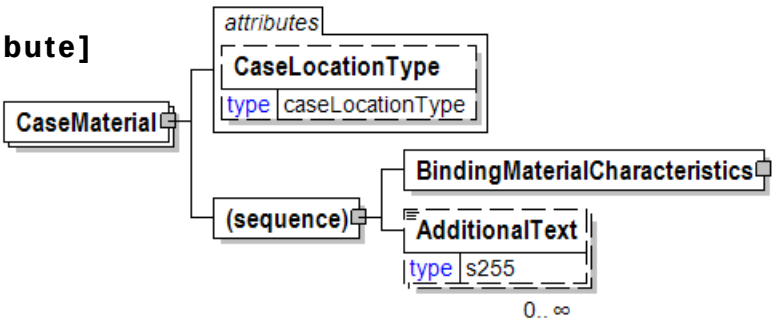
Case material

CaseLocationType [attribute]

CaseLocationType is optional. A single instance might exist.

Case location type

Refer to CaseLocationType



definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

BindingMaterialCharacteristics

BindingMaterialCharacteristics is mandatory. A single instance is required.

Binding Material Characteristics

AdditionalText

AdditionalText is optional. Multiple instances might exist.

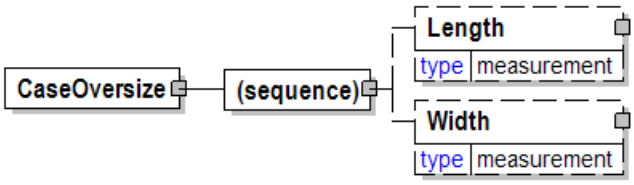
A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

CaseOversize

Case oversize

(sequence)

The sequence of items below is mandatory. A single instance is required.



Length

Length is optional. A single instance might exist.

The length of the object.

Width

Width is optional. A single instance might exist.

The width of the object.

CaseShow

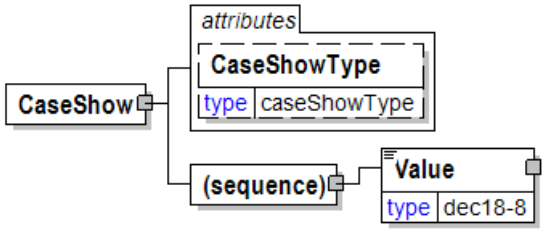
Case show

CaseShowType [attribute]

CaseShowType is optional. A single instance might exist.

Case show type

Refer to CaseShowType definition for any enumerations.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

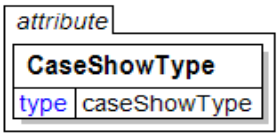
CaseShowType [attribute]

Case show type

This item is restricted to the following list.

SpineOverSide

SideOverSpine



CaseSupers

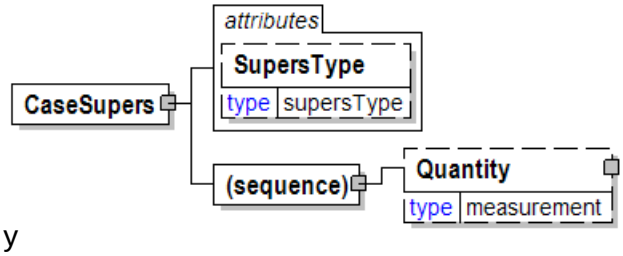
Case supers

SupersType [attribute]

SupersType is optional. A single instance might exist.

Supers Type

Refer to SupersType definition for any enumerations.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Quantity

Quantity is optional. A single instance might exist.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

CaseType [attribute]

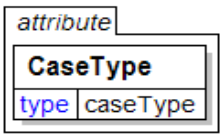
Case type

This item is restricted to the following list.

OnePiece

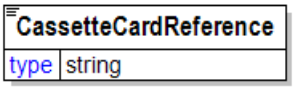
TwoPiece

ThreePiece



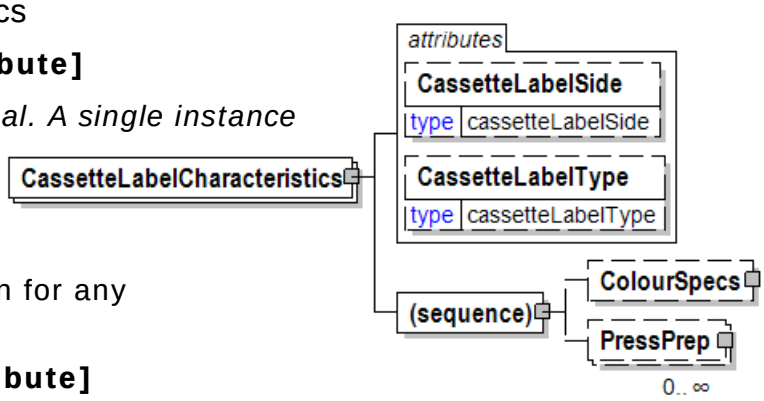
CassetteCardReference

Cassette card reference



CassetteLabelCharacteristics

Cassette label characteristics



CassetteLabelSide [attribute]

CassetteLabelSide is optional. A single instance might exist.

Cassette label side

Refer to CassetteLabelSide definition for any enumerations.

CassetteLabelType [attribute]

CassetteLabelType is optional. A single instance might exist.

Cassette label type

Refer to CassetteLabelType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ColourSpecs

ColourSpecs is optional. A single instance might exist.

Colour specs

PressPrep

PressPrep is optional. Multiple instances might exist.

Press preparation information

CassetteLabelSide [attribute]

Cassette label side



This item is restricted to the following list.

LabelOneSide

LabelTwoSide

SameLabelBothSide

Face

Spine

FaceAndSpine

None

CassetteLabelType [attribute]

Cassette label type



This item is restricted to the following list.

Braille

DirectImprint

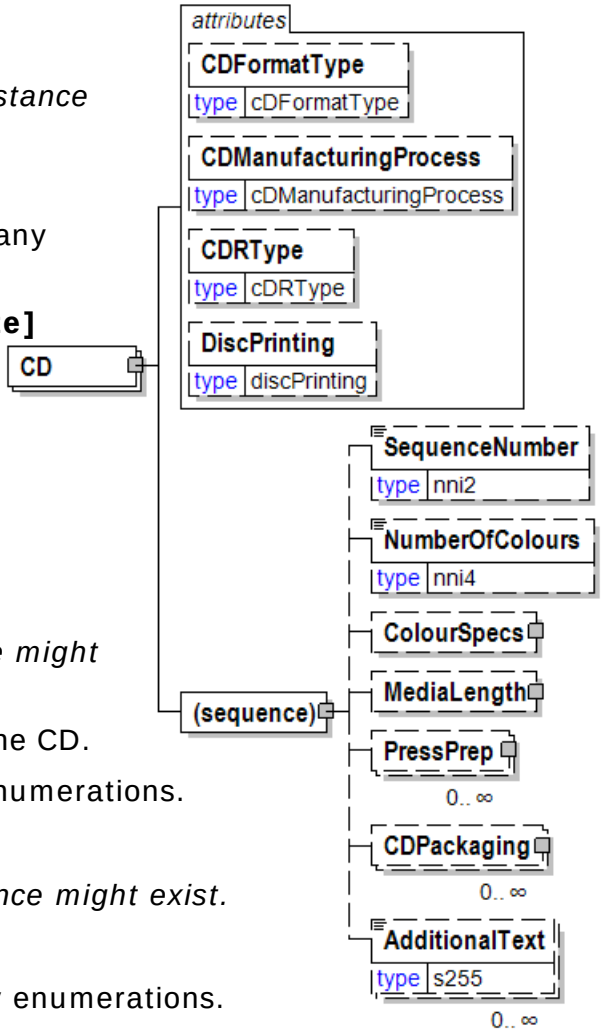
PaperLabel

None

Other

CD

CD



CDFormatType [attribute]

CDFormatType is optional. A single instance might exist.

CD format type

Refer to CDFormatType definition for any enumerations.

CDManufacturingProcess [attribute]

CDManufacturingProcess is optional. A single instance might exist.

CD manufacturing process.

Any valid string.

CDRType [attribute]

CDRType is optional. A single instance might exist.

Describes the finish to be applied to the CD.

Refer to CDRType definition for any enumerations.

DiscPrinting [attribute]

DiscPrinting is optional. A single instance might exist.

Disc printing

Refer to DiscPrinting definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

SequenceNumber

SequenceNumber is optional. A single instance might exist.

NumberOfColours

NumberOfColours is optional. A single instance might exist.

The number of colours

ColourSpecs

ColourSpecs is optional. A single instance might exist.

Colour specs

MediaLength

MediaLength is optional. A single instance might exist.

Media length

PressPrep

PressPrep is optional. Multiple instances might exist.

Press preparation information

CDPackaging

CDPackaging is optional. Multiple instances might exist.

CD Packaging

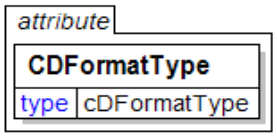
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

CDFormatType [attribute]

CD format type



This item is restricted to the following list.

Audio

CDPhoto

CDI

Enhanced

MixedMode

ROM

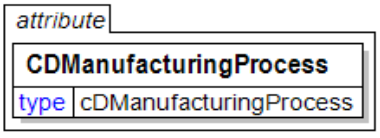
Video

Other

CDManufacturingProcess [attribute]

CD manufacturing process.

Any valid string.

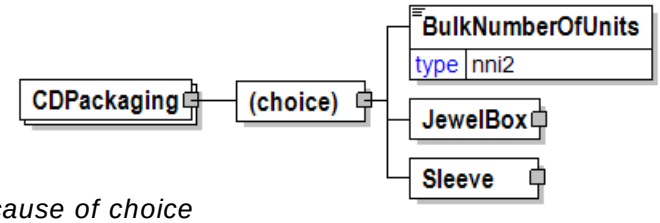


CDPackaging

CD Packaging

(choice)

[choice] is optional because of choice construct.



BulkNumberOfUnits

BulkNumberOfUnits is optional because of choice construct.

Bulk number of units

JewelBox

JewelBox is optional because of choice construct.

Jewel box.

Sleeve

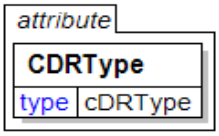
Sleeve is optional because of choice construct.

Sleeve.

CDRType [attribute]

Describes the finish to be applied to the CD.

This item is restricted to the following list.



None

CD RCRDBL SLVR

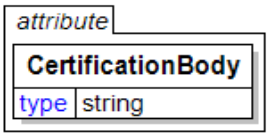
PROMEDIA SLVR

RITEX/TDK SLVR

Other

CertificationBody [attribute]

Any valid text string that specifies the entity responsible for certification.

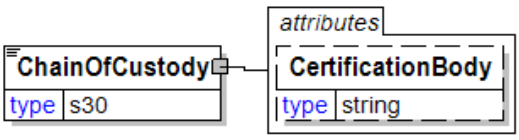


ChainOfCustody

The chain of custody.

CertificationBody [attribute]

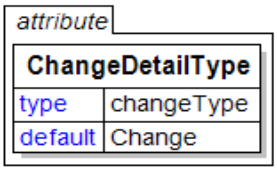
CertificationBody is optional. A single instance might exist.



Any valid text string that specifies the entity responsible for certification.

ChangeDetailType [attribute]

Specifies how a package is changed.



This item is restricted to the following list.

Add

The package is added.

Change

The package is changed.

Remove

The package is removed.

ChangesAllowed [attribute]

Indicates if the given information is allowed to be changed or not, i.e. if a logistics partner is bound to execute as instructed or can change instructed requirements.



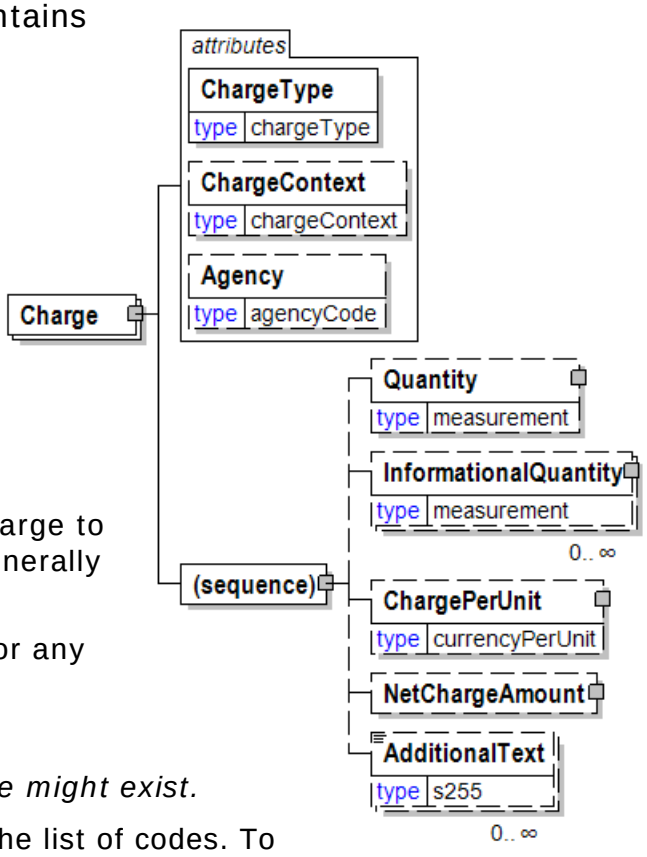
This item is restricted to the following list.

Yes

No

Charge

Charge is a group element that contains elements that describe a charge.



ChargeType [attribute]

ChargeType is mandatory. A single instance is required.

The type of charge

Refer to ChargeType definition for any enumerations.

ChargeContext [attribute]

ChargeContext is optional. A single instance might exist.

Describes the relationship of the charge to the associated to the Complaint, generally used for statistical purposes.

Refer to ChargeContext definition for any enumerations.

Agency [attribute]

Agency is optional. A single instance might exist.

Describes the agency maintaining the list of codes. To

be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Quantity

Quantity is optional. A single instance might exist.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

ChargePerUnit

ChargePerUnit is optional. A single instance might exist.

A group item containing a currency value and measurement to communicate a per unit charge.

NetChargeAmount

NetChargeAmount is optional. A single instance might exist.

A field containing the sum of all instances of the Complaint charges.

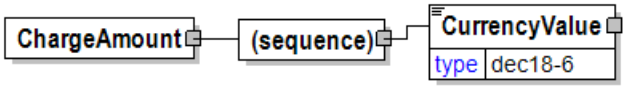
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

ChargeAmount

A field containing the total amount in ChargeInformation including tax (when tax is specified in ChargeInformation).



ChargeAmount is equal to the ChargeNetAmount plus the sum of the signed values of the MonetaryAdjustmentAmount for all instances of MonetaryAdjustment in

ChargeInformation.

(sequence)

The sequence of items below is mandatory. A single instance is required.

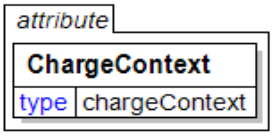
CurrencyValue

CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

ChargeContext [attribute]

Describes the relationship of the charge to the associated to the Complaint, generally used for statistical purposes.



This item is restricted to the following list.

Administrative

Logistical

Production

Rework

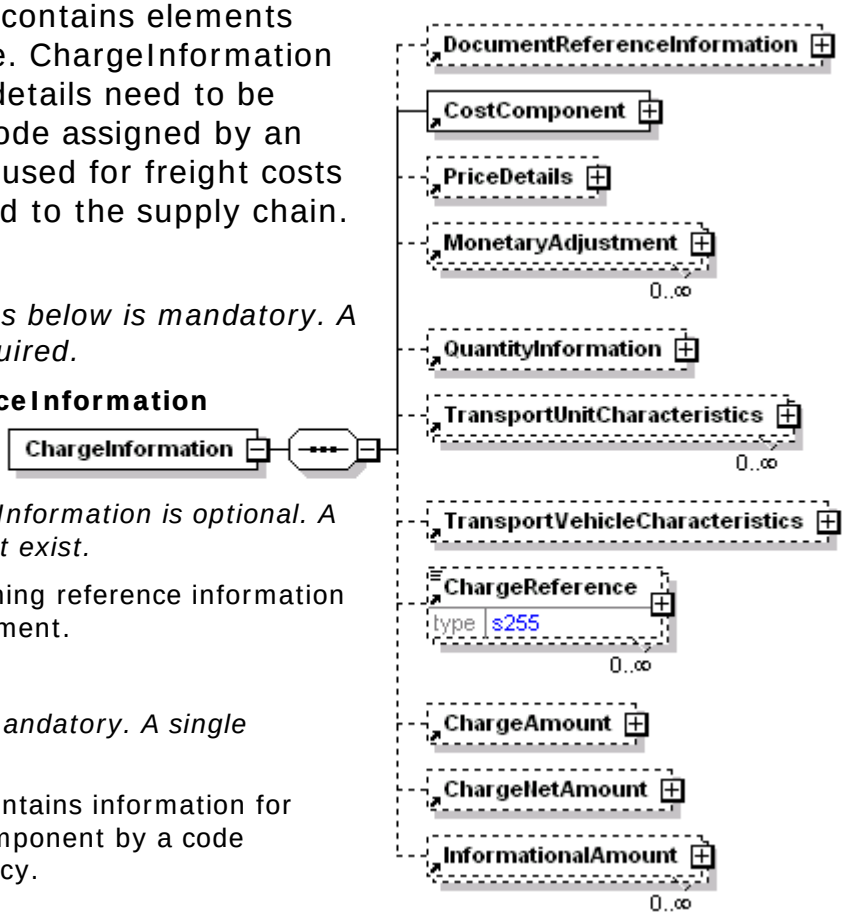
Storage

Waste

Other

ChargeInformation

A group element that contains elements that describe a charge. ChargeInformation is used when charge details need to be specified by using a code assigned by an agency. It is typically used for freight costs and other costs related to the supply chain.



(sequence)

The sequence of items below is mandatory. A single instance is required.

DocumentReferenceInformation

DocumentReferenceInformation is optional. A single instance might exist.

A group item containing reference information applicable to a document.

CostComponent

CostComponent is mandatory. A single instance is required.

A group item that contains information for specifying a cost component by a code assigned by an agency.

PriceDetails

PriceDetails is optional. A single instance might exist.

An element that groups together price information.

MonetaryAdjustment

MonetaryAdjustment is optional. Multiple instances might exist.

The element containing the information necessary for the understanding, calculation, and treatment of an adjustment to a currency amount. MonetaryAdjustment contains an attribute that indicates they type of adjustment being communicated.

QuantityInformation

QuantityInformation is optional. A single instance might exist.

A group item containing information about quantity and informational quantity of similar items.

TransportUnitCharacteristics

TransportUnitCharacteristics is optional. Multiple instances might exist.

A group item containing information about a transport unit, e.g. a trailer. Transport units contain goods and move using power from another source, the transport vehicle.

TransportVehicleCharacteristics

TransportVehicleCharacteristics is optional. A single instance might exist.

A group item containing information about a transport vehicle, e.g. a truck. A transport vehicle has its own power and can be used to pull, push, carry, or tow a

transport unit loaded with goods.

ChargeReference

ChargeReferences is optional. Multiple instances might exist.

An element detailing relevant references pertaining to the charge as indicated by ChargeReferenceType and AssignedBy.

ChargeAmount

ChargeAmount is optional. A single instance might exist.

A field containing the total amount in ChargeInformation including tax (when tax is specified in ChargeInformation).

ChargeAmount is equal to the ChargeNetAmount plus the sum of the signed values of the MonetaryAdjustmentAmount for all instances of MonetaryAdjustment in ChargeInformation.

ChargeNetAmount

ChargeNetAmount is optional. A single instance might exist.

A field containing the charged amount in ChargeInformation excluding adjustments and tax.

InformationalAmount

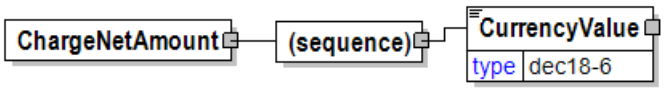
InformationalAmount is optional. Multiple instances might exist.

A monetary amount used for information purposes only (not for calculation). For example, the invoice price adjustment subtotal is expressed in sterling pounds, and the buyer wants this information expressed in U.S. dollars.

CreditDebitNote and Invoice - The TaxAmount is displayed in the currency that is applicable throughout the e-Document. When a TaxAmount needs to be displayed in a different national currency, this field is used.

ChargeNetAmount

A field containing the charged amount in ChargeInformation excluding adjustments and tax.



(sequence)

The sequence of items below is mandatory. A single instance is required.

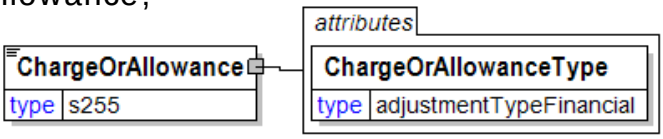
CurrencyValue

CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

ChargeOrAllowance

The description of the charge or allowance; such as freight, special handling, and stop-off handling.



ChargeOrAllowanceType [attribute]

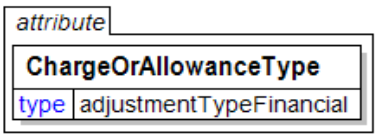
ChargeOrAllowanceType is mandatory. A single instance is required.

Defines what type of charge or allowance defines the invoice product.

Refer to ChargeOrAllowanceType definition for any enumerations.

ChargeOrAllowanceType [attribute]

Defines what type of charge or allowance defines the invoice product.



This item is restricted to the following list.

BillOfLadingCharge

An extra charge for creating a Bill of Lading.

CancellationCharge

A charge applied because a cancellation was late (after the last date of change) and all or part of the ordered product has already been made.

CashDiscount

A reduction due to a discount applied.

CertificateCharge

An extra charge for creating a certificate. Some countries requires Certificates in which different characteristics of the delivery, transport unit, route, product, and others must be proved.

There are certificates for gasen pallets, for the place of production, for the age of the ship/vessel, for not departing from one country's harbour when delivering to another.

ChargesForward

A pending Invoice amount brought forward from a previous Invoice.

ClaimAdjustment

An adjustment related to a filed complaint.

Commission

Commission costs paid to the trading agency or trader.

CompetitiveAllowance

An allowance provided for competitive reasons.

CongestionCharge

An extra fee from ports for waiting time of ships in ports, railcars on a siding, trucks at a dock. (Synonym: Demurrage.)

ConsigneeUnloadCharge

An unloading charge that is the responsibility of the consignee.

ContractAllowance

An allowance for a volume discount, usually because the agreed amount has been exceeded.

CurrencyAdjustmentCharge

An extra fee to adjust for currency variations.

DecimalRounding

Adjustments for rounding of amounts to fit the business agreement or national monetary legislation. This adjustment is typically used for decimal rounding of amounts not including tax.

N.B. Use InformationalAmount with AmountType “DecimalRounding” for specification of decimal rounding of amounts including tax.

DefectiveAllowance

An allowance provided for defective material.

DeliveryCharge

The charge for delivering the product.

DeliveryNonConformanceAllowance

An allowance due to non-conformance with the purchase agreement regarding a delivery.

DeliveryTimeBonus

A bonus given for deliveries of products within a certain time period.

EarlyShipAllowance

An allowance due to a delivery that took place earlier than planned. The seller may be charged a penalty. If this is found before issuing the Invoice, it can be handled through this allowance. If found later, it will be handled through a credit note.

EnergySurcharge

A charge related to increases in the cost of energy.

Environmental

An allowance applied due to environmental regulations.

ExpeditedShipmentCharge

An extra cost charged due to unexpected or emergency requirements (for example, breaking off a run in the mill to reach the production date for a rush order).

ExportClearanceCharge

An extra fee for customs administration.

FlatRateCharge

A general flat charge.

FreightAllowance

The freight cost allowed by the mill. This amount is negative, and will be deducted from the Invoice (U.S. business practice, in the European Union (EU), use only Freight Charge).

FreightCharge

The actual cost incurred to deliver the product. This amount is positive, and will be added to the Invoice.

FuelAdjustmentCharge

An extra fee, usually from shipping companies, to adjust fuel prices.

HandlingCharge

A charge related to the handling of the product.

Inspection

The cost associated with performing an inspection of the product.

InterestCharge

A charge applied for interest on overdue payments.

LabourAllowance

An allowance due to additional labour required in the use or acceptance of the product.

LabourCharge

A charge due to additional labour required in the use or acceptance of the product.

LoggingDamage

An adjustment caused by logging damages on Forest Wood products. Logging damages normally cause a reduction of the product price.

LotCharge

A charge applied to the lot of material.

MetalDetection

A charge for additional metal detection applied to the goods.

ModelHomeDiscount

A discount associated with the building of the model home.

NewStoreCouponDiscount

A discount associated with entry into a new store.

OrderQuantity

A charge or allowance for small/big ordered quantities.

PalletCharge

A charge that represents the cost or rental of the pallet.

PickUpAllowance

An allowance provided to compensate for the cost of picking up the product.

PromotionalAllowance

An allowance provided for the promotion of the product.

PromotionalCharge

A charge associated with the promotion of the product.

PriceCorrection

An adjustment associated with a correction of the product's price.

ProductionSetUpCharge

A special charge applied due to specific buyer requests.

Provision

The act of making ready or equipping for use.

Rebate

A rebate accepted by the buyer and seller based on the agreed price and volume.

ReelDiscount

An allowance for purchasing reels instead of sheets.

ReturnedLoadAllowance

An allowance applied due to the return of the load.

ReturnLoadCharge

A charge applied due to the return of the load.

RoadFeeCharge

A freight charge for a special tax applied to road transports in some countries, e.g. Germany

ScrapAndDunnageCharge

A charge that represents the scrapping of the material and its removal.

ServiceCharge

A charge associated with a miscellaneous service.

SpecialConversionCharge

Additional charge for a special conversion of the product.

SpecialDeliveryCharge

A special charge for delivering the product differently from the usual or agreed-to method.

SpecialHandlingCharge

A special charge for handling the product differently from the usual or agreed-to method.

SpecialPackagingCharge

A special charge for packaging the product differently from the usual or agreed-to method, or if packaging as requested is out of spec.

StopOffAllowance

An allowance for a delivery stop-off.

StopOffCharge

A charge for a delivery stop-off.

StorageAllowance

An allowance for storing the product.

StorageCharge

An extra cost charged for storing the product on location (in the plant).

Tax

An adjustment that reflects a tax item.

TestingCharge

A charge related to testing a paper grade.

TradeDiscount

A discount based on the terms of the trade given on the agreed price. Usually a percentage.

TrialDiscount

A discount applied for a trial run of a new or improved product.

TransferCharge

A freight charge incurred by the goods transfer from one location to another location not previously agreed upon.

UnloadingAllowance

An allowance to compensate for the unloading the product.

UnloadingCharge

A charge for the unloading the product.

VolumeDiscount

A rebate accepted by the buyer and the seller based on the agreed volume

WarRiskCharge

An extra fee from transport companies for transport units that cross war zones.

Other

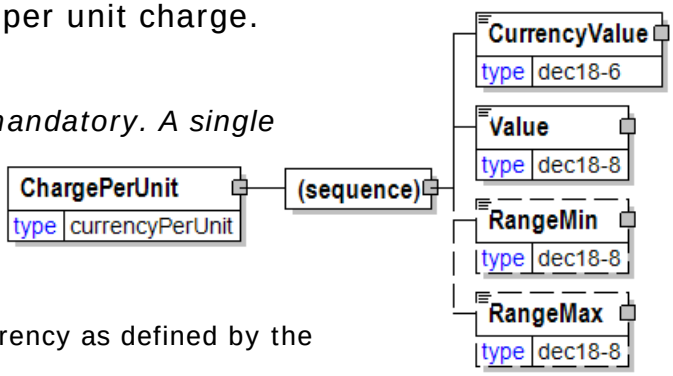
Any other adjustment not covered by the attribute list.

ChargePerUnit

A group item containing a currency value and measurement to communicate a per unit charge.

(sequence)

The sequence of items below is mandatory. A single instance is required.



CurrencyValue

CurrencyValue is mandatory.
A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

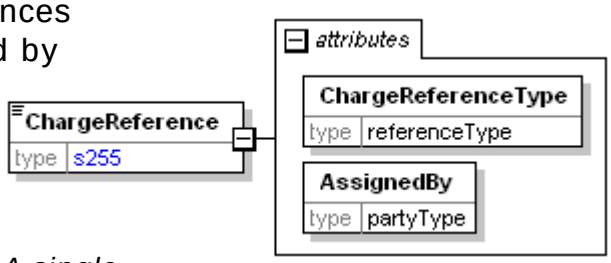
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

ChargeReference

An element detailing relevant references pertaining to the charge as indicated by ChargeReferenceType and AssignedBy.



ChargeReferenceType [attribute]

ChargeReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute AssignedBy will communicate the information previously communicated in the prefix.

Refer to ChargeReferenceType definition for any enumerations.

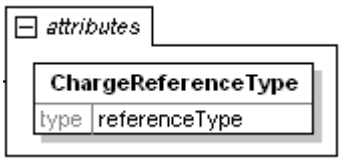
AssignedBy [attribute]

AssignedBy is mandatory. A single instance is required.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

ChargeReferenceType [attribute]

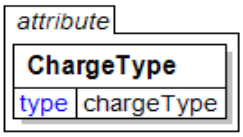


Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, Warehouse” or Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

ChargeType [attribute]

The type of charge



This item is restricted to the following list.

AdministrativeCosts

The administrative costs involved as a result of the complaint, for instance, to sell or scrap the waste.

AgreedWasteToScrap

The agreed to quantity or amount of paper the complainer declares to scrap.

AgreedWasteToSell

The agreed to quantity or amount of paper the complainer declares to sell.

ConversionCosts

Costs associated with product conversion (i.e. slitting, rewrapping, etc).

KnownProductionDowntime

Production down time associated with KnownBreaks.

LabourCosts

The labour costs involved as a result of the complaint, for instance reels that need to be cleaned because of edge cuttings.

MachineDamage

The damage suffered by the machine as a result of poor quality paper supplied.

PriceDifference

A difference in the price.

ProductionDowntime

Production downtime associated with the result of poor quality paper or a service problem.

RejectedReel

The reel(s) rejected because not workable by the converter/printer.

UnknownProductionDowntime

Production downtime associated with Breaks.

WasteToScrap

The proposed quantity or amount of paper the complainer declares to scrap.

WasteToSell

The proposed quantity or amount of paper the complainer declares to sell.

WrongQuantity

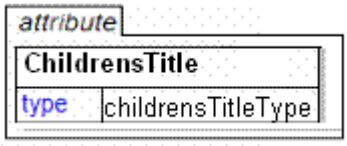
The wrong quantity was reported.

Other

Used to communicate a ChargeType that is not available in the enumerated list.

ChildrensTitle [attribute]

Specifies if the book product is designated for use by children 12 and under or not.



This item is restricted to the following list.

NotChildrensTitle

Not a children's product; no testing required for lead or phthalates.

ChildrensWithPlayValue

Designated as a children's product and has "play value" outside of reading and writing; requires testing for lead and phthalates. (Examples of "play value" include paper doll books, sticker books, board books and bathtub books).

ChildrensWithoutPlayValue

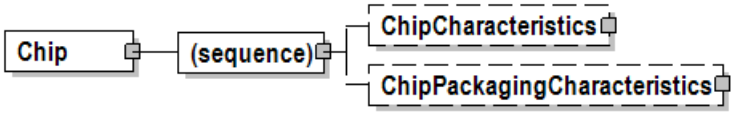
Designated as a children's product but does not have any "play value" outside of reading and writing; requires testing for lead but not phthalates.

Chip

Chip information.

(sequence)

The sequence of items below is mandatory. A single instance is required.



ChipCharacteristics

ChipCharacteristics is optional. A single instance might exist.

Chip characteristics

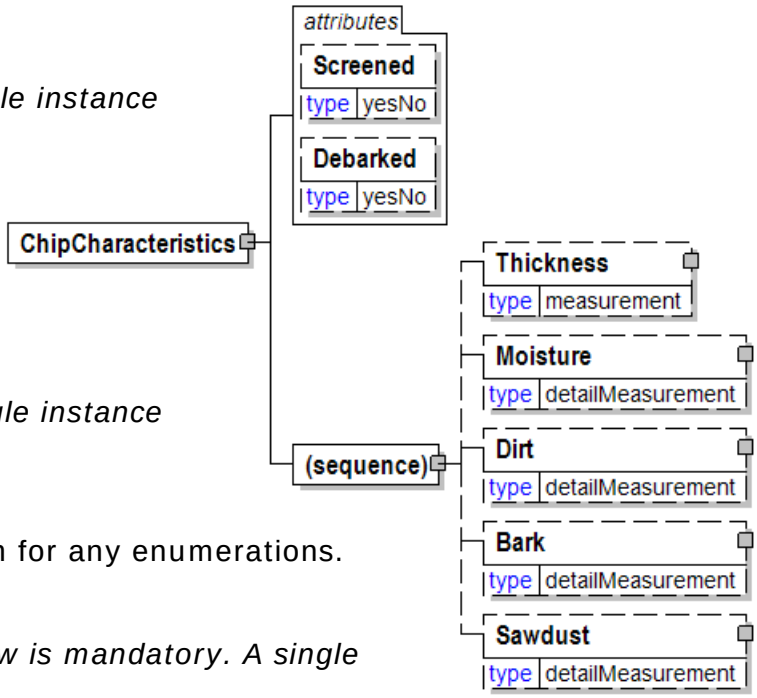
ChipPackagingCharacteristics

ChipPackagingCharacteristics is optional. A single instance might exist.

ChipPackagingCharacteristics provides information about the containerisation of the wood chips.

ChipCharacteristics

Chip characteristics



Screened [attribute]

Screened is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Screened definition for any enumerations.

Debarked [attribute]

Debarked is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Debarked definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Thickness

Thickness is optional. A single instance might exist.

Physical dimension of a product.

Moisture

Moisture is optional. A single instance might exist.

Desired percentage, or other indicator, of water in the product at the time of shipment.

Dirt

Dirt is optional. A single instance might exist.

A group item used to communicate dirt content target or test value according to a particular TestMethod.

Bark

Bark is optional. A single instance might exist.

Used to report bark content in chips as a detail measurement.

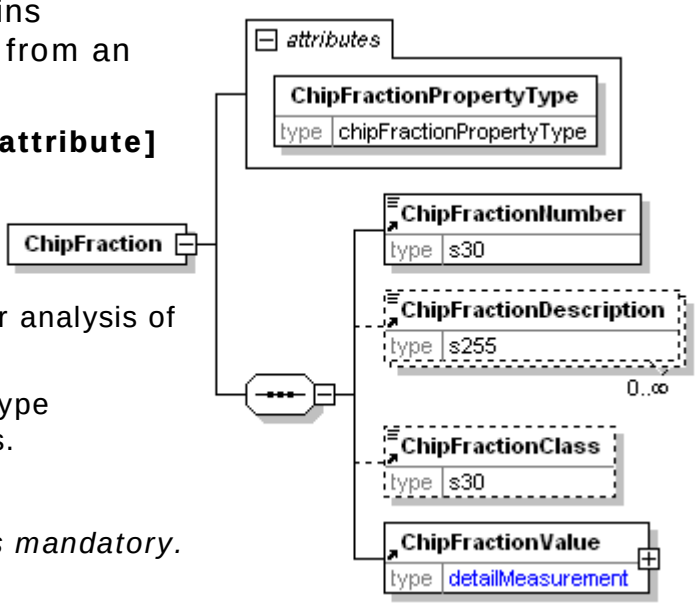
Sawdust

Sawdust is optional. A single instance might exist.

Used to report sawdust content in chips as a detail measurement.

ChipFraction

A grouping element that contains information about one fraction from an analysis of chip fractions.



ChipFractionPropertyType [attribute]

ChipFractionPropertyType is mandatory. A single instance is required.

Defines the type of property for analysis of chip fractions.

Refer to ChipFractionPropertyType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ChipFractionNumber

ChipFractionNumber is mandatory. A single instance is required.

The date when the analysis of chip fractions was done.

ChipFractionDescription

ChipFractionDescription is optional. Multiple instances might exist.

The date when the analysis of chip fractions was done.

ChipFractionClass

ChipFractionClass is optional. A single instance might exist.

The date when the analysis of chip fractions was done.

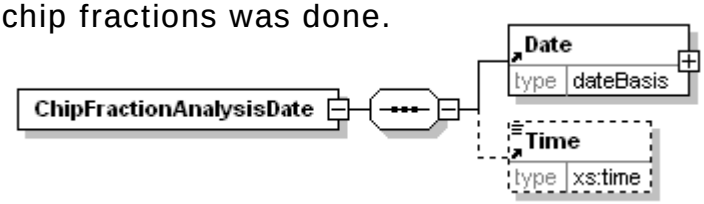
ChipFractionValue

ChipFractionValue is mandatory. A single instance is required.

A grouping element for a chip fraction value and its statistical measures.

ChipFractionAnalysisDate

The date when the analysis of chip fractions was done.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

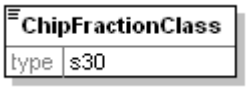
Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss,

hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use "Z" when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

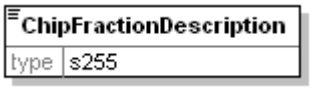
ChipFractionClass

Specifies the class of the chip fraction.



ChipFractionDescription

A free form description of the chip fraction.



ChipFractionInfo

Grouping element that contains information about analysis of chip fractions.

TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

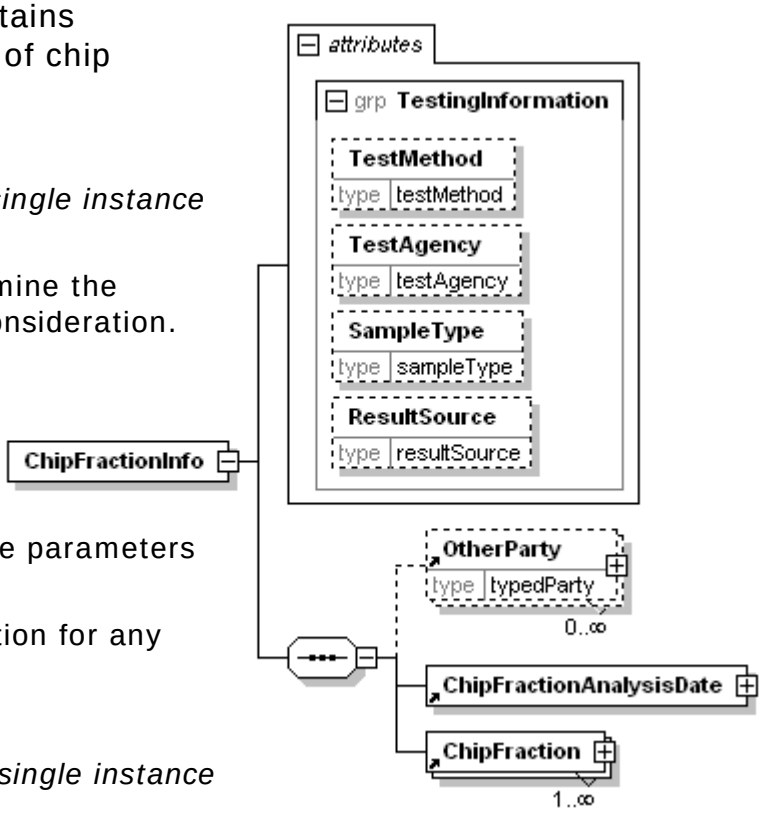
TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.



Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document

ChipFractionAnalysisDate

ChipFractionAnalysisDate is mandatory. A single instance is required.

The date when the analysis of chip fractions was done.

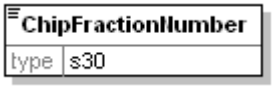
ChipFraction

ChipFraction is mandatory. Multiple instances might exist.

The date when the analysis of chip fractions was done.

ChipFractionNumber

The identifier of a chip fraction.



ChipFractionPropertyType [attribute]

Defines the type of property for analysis of chip fractions.



This item is restricted to the following list.

Length

Length of the chip fraction.

Size

Size of the chip fraction.

Thickness

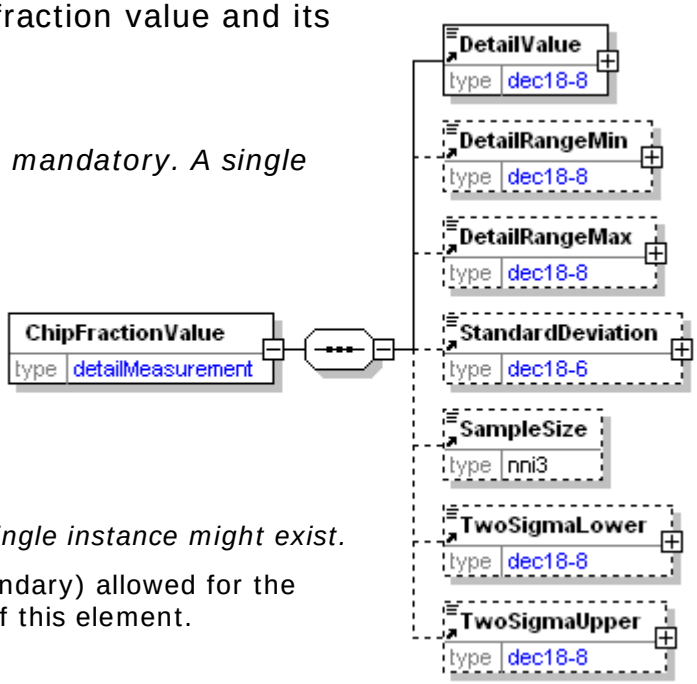
Thickness of the chip fraction.

Width

Width of the chip fraction.

ChipFractionValue

A grouping element for a chip fraction value and its statistical measures.



(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

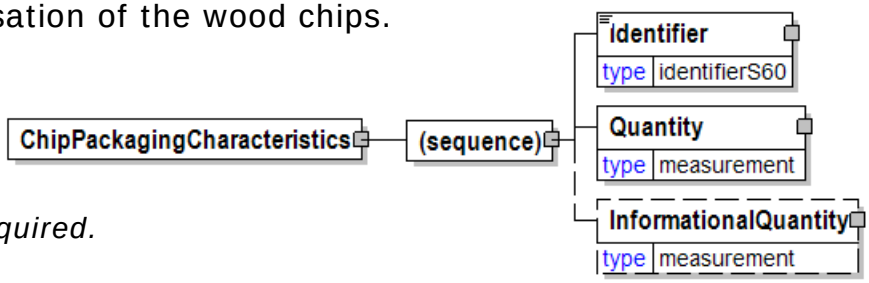
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

ChipPackagingCharacteristics

ChipPackagingCharacteristics provides information about the containerisation of the wood chips.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Identifier

Identifier is mandatory. A single instance is required.

An Identifier is required for packages and items (pallets, reel packages, boxes, ream items, reel items, etc). The Identifier element contains the actual item identifier code. Identifier is repeatable so more than one identifier can be communicated. For example, the printed identifier on a label may be different from the barcode printed on the label.

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

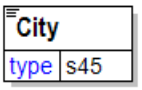
InformationalQuantity

InformationalQuantity is optional. A single instance might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

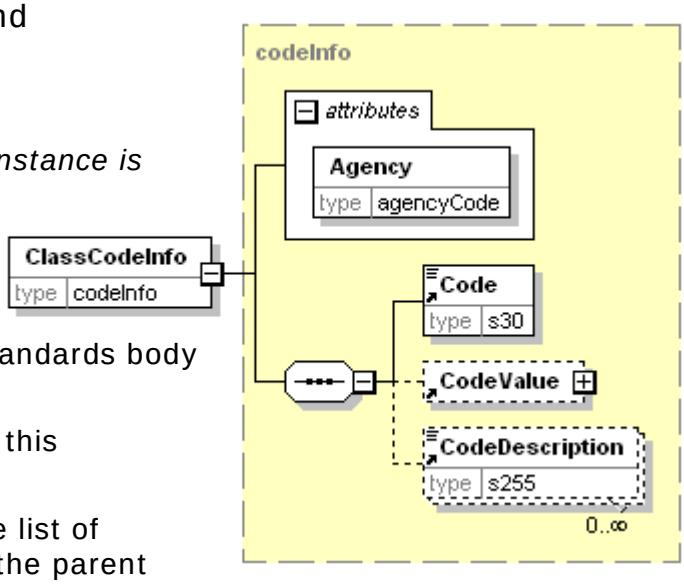
City

Name of the city associated with the address elements.



ClassCodeInfo

A group item specifying code and description for a class.



Agency [attribute]

Agency is mandatory. A single instance is required.

Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Code

Code is mandatory. A single instance is required.

Specifies a code that is defined by an agency. The agency is given for the whole construct containing the code.

CodeValue

CodeValue is optional. A single instance might exist.

A grouping element specifying a value belonging to a code that is defined by an agency.

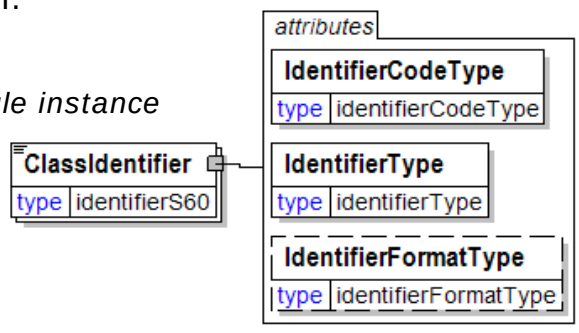
CodeDescription

CodeDescription is optional. Multiple instances might exist.

A textual description for the meaning of a code that is defined by an agency.

ClassIdentifier

Standard used for product identification.



IdentifierCodeType [attribute]

IdentifierCodeType is mandatory. A single instance is required.

Defines the type of product identifier used (for example, reel number, ream number, bar code). This code type specifies how to decode the identifier value.

Refer to IdentifierCodeType definition for any enumerations.

IdentifierType [attribute]

IdentifierType is mandatory. A single instance is required.

This attribute specifies whether the Identifier is the primary way to identify the product or a secondary way. Only one of the given identifiers can be primary. In addition, this attribute also specifies the physical support used to code the identifier (for example, a Radio Frequency (RF) Tag).

Refer to IdentifierType definition for any enumerations.

IdentifierFormatType [attribute]

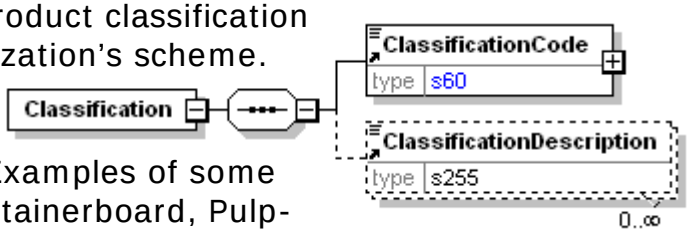
IdentifierFormatType is optional. A single instance might exist.

IdentifierFormatType defines the technical format used to make an IdentifierCodeType readable by technical devices or humans. The IdentifierCodeType specifies how to decode the identifier value

Refer to IdentifierFormatType definition for any enumerations.

Classification

A group item that details the product classification according to a particular organization's scheme. An item across multiple classifications would still be recognized as the same item. Examples of some product classifications are: Containerboard, Pulp-Dissolving, or Newsprint.



(sequence)

The sequence of items below is mandatory. A single instance is required.

ClassificationCode

ClassificationCode is mandatory. A single instance is required.

A code assigned by the indicated Agency for this particular class of product.

ClassificationDescription

ClassificationDescription is optional. Multiple instances might exist.

A free form description of the classification.

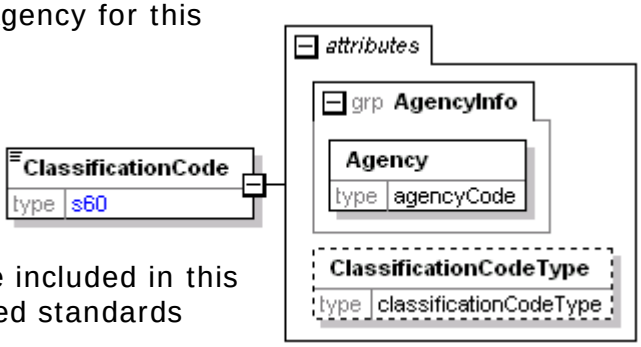
ClassificationCode

A code assigned by the indicated Agency for this particular class of product.

Agency [attribute]

Agency is mandatory. A single instance is required.

Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.



- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

ClassificationCodeType [attribute]

ClassificationCodeType is optional. A single instance might exist.

Provides a contextual definition to the classification code value.

ClassificationCodeType [attribute]

Provides a contextual definition to the classification code value.



This item is restricted to the following list.

BrandName

A specific product brand name for which the owner or source is specified in the "@AssignedBy" attribute.

CASNumber

Chemical Abstracts Service (CAS) numbers are universally used to provide a unique, unmistakable identifier for chemical substances. A CAS number itself has no inherent chemical significance but provides an unambiguous way to identify a chemical substance or molecular structure when there are many possible systematic, generic, proprietary or trivial names. CAS numbers are created and maintained by American Chemical Society. (http://www.cas.org)

CatalogueNumber

A unique reference for a product in a catalogue.

CustomsTariffNumber

EAN8

To be deprecated in next version. GS1 has renamed it to GTIN-8. Use GTIN8 instead.

EAN13

To be deprecated in next version. GS1 has renamed it to GTIN-13. Use GTIN13 instead.

ExportHarmonisedSystemCode

The Harmonised System Code is an international goods classification system developed by the Customs Co-operation Council.

USA: It is a 10-digit number, the first 6 of which compose the harmonised code. The remaining 4 digits represent statistical subdivisions. The schedule is a statistical classification of domestic and foreign commodities exported from the United States.

Canada: Canadians have adopted the scheme as a basis for a new Canadian Tariff and Statistical Classification System. The Canadian export number consists of 8 digits prefixed by "HS" and is shown in the format HS5911.31.10, for example.

EWCNumber

The European Waste Catalogue (EWC) is a hierarchical list of waste codes established by EU Commission decision.

In EU, anyone who runs a business of recycling or disposal requiring environmental permits or operating a heating plant that is using waste as fuel must take cognizance of the wastes category that is described in the EWC list.

http://ec.europa.eu/eurostat/ramon/other_documents/ewc/index.cfm?TargetUrl=DSP_EWC

FinishedGoodIdentifier

Product Identifier assigned by an Agency, e.g. a Publisher, to identify the finished product.

GradeCode

A specific product code for which the owner or source is specified in the "@AssignedBy" attribute.

GradeName

A specific product name for which the owner or source is specified in the "@AssignedBy" attribute (for example, ImprovedNewsprint-45-1479).

GTIN8

An 8 digit identifier GTIN-8 defined by GS1 for trade items, Earlier referred to as European Article Number EAN-8. GTIN-8s will be encoded in an EAN-8 bar code. See also GTIN14 for more information. http://www.gs1.org/

GTIN12

A 12 digit identifier GTIN-12 defined by GS1 for trade items, Earlier referred to as Universal Product Code. GTIN-12s can be encoded in UPC-A, UPC-E, ITF-14, or GS1-128 bar codes. GTIN-12 is primarily used in North America. See also GTIN14 for more information. http://www.gs1us.org/

GTIN13

A 13 digit identifier GTIN-13 defined by GS1 for trade items, Earlier referred to as European Article Number EAN-13. GTIN-13s can be encoded in EAN-13, ITF-14 or GS1-128 bar codes. See also GTIN14 for more information. http://www.gs1.org/

GTIN14

A 14 digit Global Trade Item Number (GTIN) defined by GS1. It is one of the main building blocks of the GS1 System and is used to uniquely identify trade items, which are products and services that are priced, ordered or invoiced at any point in the supply chain.

GTINs can be 8, 12, 13, or 14 digits in length. GS1 recommends that every GTIN be represented in software applications as 14 digits by right justifying and zero filling left, as appropriate. The following table demonstrates the structure of GTINs in a GTIN-compliant database

Type of GTIN	**GTIN Digit**													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
GTIN-8	0	0	0	0	0	0	N	N	N	N	N	N	N	C

GTIN-12	0	0 N N N N N N N N N N N	C
GTIN-13	0	N N N N N N N N N N N N	C
GTIN-14	N	N N N N N N N N N N N N	C

http://www.gs1.org/

ImportHarmonisedSystemCode

The Harmonised System Code is an international goods classification system developed by the Customs Co-operation Council.

USA: It is a 10-digit number, the first 6 of which compose the harmonised code. The remaining 4 digits represent statistical subdivisions. The schedule is a statistical classification of domestic and foreign commodities exported from the United States.

Canada: Canadians have adopted the scheme as a basis for a new Canadian Tariff and Statistical Classification System. The Canadian export number consists of 8 digits prefixed by “HS” and is shown in the format HS5911.31.10, for example.

ManufacturingGradeCode

A specific grade code to the actual manufactured product which may be different to the grade code under which the product is sold.. These codes generally refer to a product manufactured on a pulp or paper machine.

ManufacturingGradeName

A specific grade name assigned to the actual manufactured product which may be different to the grade name under which the product is sold. These codes generally refer to a product manufactured on a pulp or paper machine.

Ondule

A product code issued by the Groupement Ondulé, which is the European Association of Corrugated Base Papers Manufacturers.

PartNumber

An equivalent to the Stock Keeping Unit (SKU) for which the owner or source is specified in the “@AssignedBy” attribute. In other words, this code fully defines the product.

RFQPartNumber

The part number communicated as part of the RFQ process. This may be a form of the RFQ number itself. This field is designed to handle the situation where there is no part number assigned to the particular blend of product characteristics.

SKU

The Stock Keeping Unit that is assigned by the buyer or supplier and that includes all relevant information to make an individual item ready for shipping.

UPC

To be deprecated in next version. GS1 US has defined the UPC code to be a Global Trade Item Number GTIN-12. Use GTIN12 instead. See also IdentifierFornatType UPC_A for more information. http://www.gs1us.org/

Other

Used for any other product identifier type that is not covered by the list.

ClassificationDescription

A free form description of the classification.



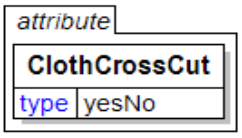
ClothCrossCut [attribute]

Either "Yes" or "No".

This item is restricted to the following list.

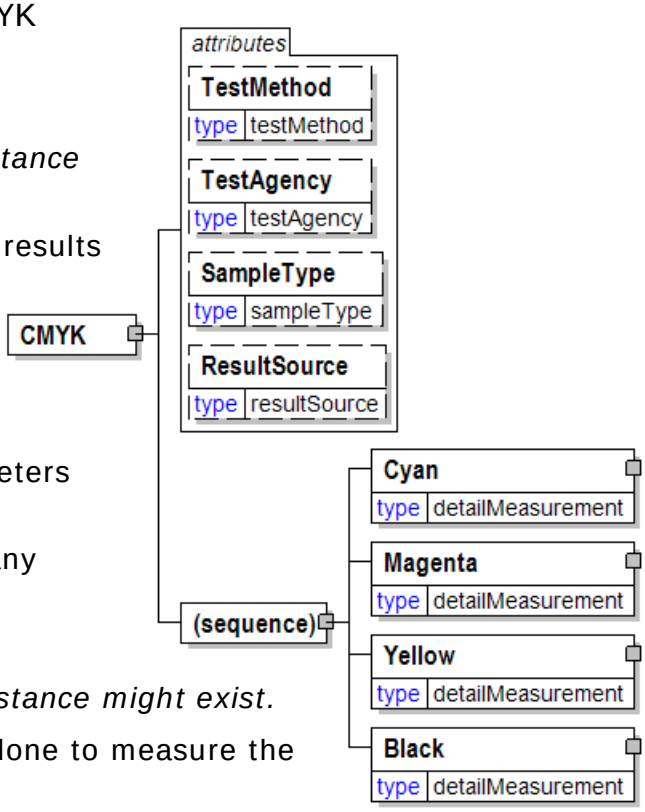
Yes

No



CMYK

A definition of colour using the CMYK protocol.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Cyan

Cyan is mandatory. A single instance is required.

The Cyan component of a colour in the CMYK approach to colour definition.

Magenta

Magenta is mandatory. A single instance is required.

The Magenta component of a colour.

Magenta is a locally defined element used in the CMYK element.

Yellow

Yellow is mandatory. A single instance is required.

The Yellow component of a colour.

Black

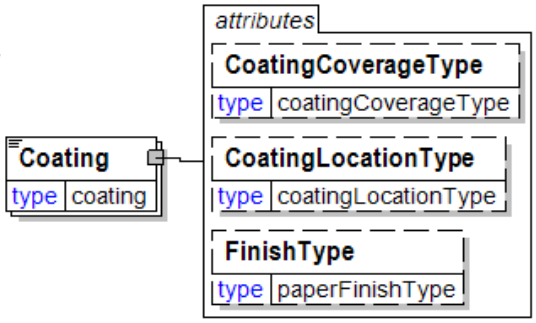
Black is mandatory. A single instance is required.

The Black component of a colour.

Coating

Coating

This item is restricted to the following list.



AnimalGlueableStampableFilm

Aqueous

Aqueous coating is a water-based sealant.

Diamond

Hard carbon coating.

DiamondUV

Duracoat

Process of applying varnish-like coating over lamination to give a multi-layer visual effect.

Film

A thin sheet of material, usually plastic and transparent.

FX

Application of ultraviolet processing to simulate embossing.

GlossUltracure

GlossUV

Gritty

GrittyMatteUV

Lacquer

Clear or coloured varnish that dries by solvent evaporation and often a curing

process as well that produces a hard, durable finish, in any sheen level from ultra matte to high gloss and that can be further polished as required.

Laminate

MatteUV

MylarFilm

A thin polyester film.

MylarFilmGloss

MylarFilmMatte

MylarFilmSilver

NoFinish

Non-Standard

PHOENIXPremier

PolyesterFilm

Made of synthetic resins which are light and strong and weather resistant.

PolyesterGloss

PolyesterMatte

PolypropyleneFilm

PolypropyleneFilmGloss

PolypropyleneFilmMatte

Press

Applied by a unit of the press.

PressVarnish

PressVarnishDull

PressUV

SatinFilm

Silkscreen

A print made by forcing ink through a fine (silk) mesh.

SilkscreenGloss

SilkscreenUV

StayFlat

Contains materials to prohibit the sheet from curling.

StayFlatFilmGloss

StayFlatFilmMatte

Tint

Screening or adding white to a solid color for results of lightening that specific color.

TintVarnish

Ultracure

Ultraviolet

Ultra-violet coating is a highly reactive, cross-linking system in which the vehicle is dried by exposure to UV radiation.

Varnish

Petroleum-based sealant applied by a standard inking unit in the press.

CoatingCoverageType [attribute]

CoatingCoverageType is optional. A single instance might exist.

Communicates the degree of coating coverage.

Refer to CoatingCoverageType definition for any enumerations.

CoatingLocationType [attribute]

CoatingLocationType is optional. A single instance might exist.

Specifies which side of the product the coating should be applied.

Refer to CoatingLocationType definition for any enumerations.

FinishType [attribute]

FinishType is optional. A single instance might exist.

Defines the finish of a sheet of paper, which means the condition of its surface (refer to Embossing for more information).

Finishes may be produced on or off machine. Finishes that are created off-machine are called embossed. (Embossing is a child element of ReelConversionCharacteristics and SheetConversionCharacteristics.)

Note:

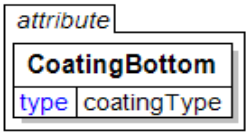
Embossed" as a finish type is just a generalized choice for one of the more specific choices listed.

Unsupercalendered" as a finish type would be indicated by not communicating a finish type.

Refer to FinishType definition for any enumerations.

CoatingBottom [attribute]

Used to specify the type of coating applied to the top or bottom of the paper sheet



This item is restricted to the following list.

Acrylic

Flexolyn

FoilCoated

GreaseBarrier

Metallic

MetalizedPolyester

MoistureBarrier

MoldInhibitor

None

OilBarrier

OxygenBarrier

Plastic

PolyCoating

Polyethylene

Pyroxylin

Silicone

CoatingCoverageType [attribute]

Communicates the degree of coating coverage.



This item is restricted to the following list.

FullCoverage

The entire item is coated.

SpotCoverage

The item is partially coated.

CoatingLocation [attribute]

Coating location



This item is restricted to the following list.

Back

Top ply of a multi-part business form. Its upper surface is not coated. Its lower surface has a coating of microscopic capsules containing colourless dye. When pressure or impact fractures the capsules, the dye is released to react with the sheet of carbonless paper below it having a coated front top surface. The image is formed on the coated front surface.

Front

The coated front sheet is used as the bottom ply of a multi-part form. The coated front sheet can receive the image from the coated back surface of the sheet above it, but it does not transmit the image nor is there a sheet below it in the form.

FrontAndBack

The coated front and back sheet is used for all plies of a carbonless form between the top and bottom plies. The under-surface of each coated front and back sheet is coated with dye capsules (coated back coating). The upper surface (coated front) reacts with the colourless dye released from fractured capsules to produce the image.

SelfContained

Carbonless paper containing both the coated back dye capsules and the coated front receptor coating on the upper surface of the same sheet, Self-contained carbonless paper can be used to create a carbonless copy when used as a second ply below almost any kind of paper.

CoatingLocationType [attribute]

Specifies which side of the product the coating should be applied.



This item is restricted to the following list.

Top

Top side of a printed component

Bottom

Bottom side of a printed component

TopAndBottom

Front

Front side of a book

Back

Back of a book

FrontAndBack

Spine

Spine of a book which is where the pages are glued or sewn together

FrontAndSpine

BackAndSpine

FrontAndBackAndSpine

CoatingTop [attribute]

Used to specify the type of coating applied to the top or bottom of the paper sheet



This item is restricted to the following list.

Acrylic

Flexolyn

FoilCoated

GreaseBarrier

Metallic

MetalizedPolyester

MoistureBarrier

MoldInhibitor

None

OilBarrier

OxygenBarrier

Plastic

PolyCoating

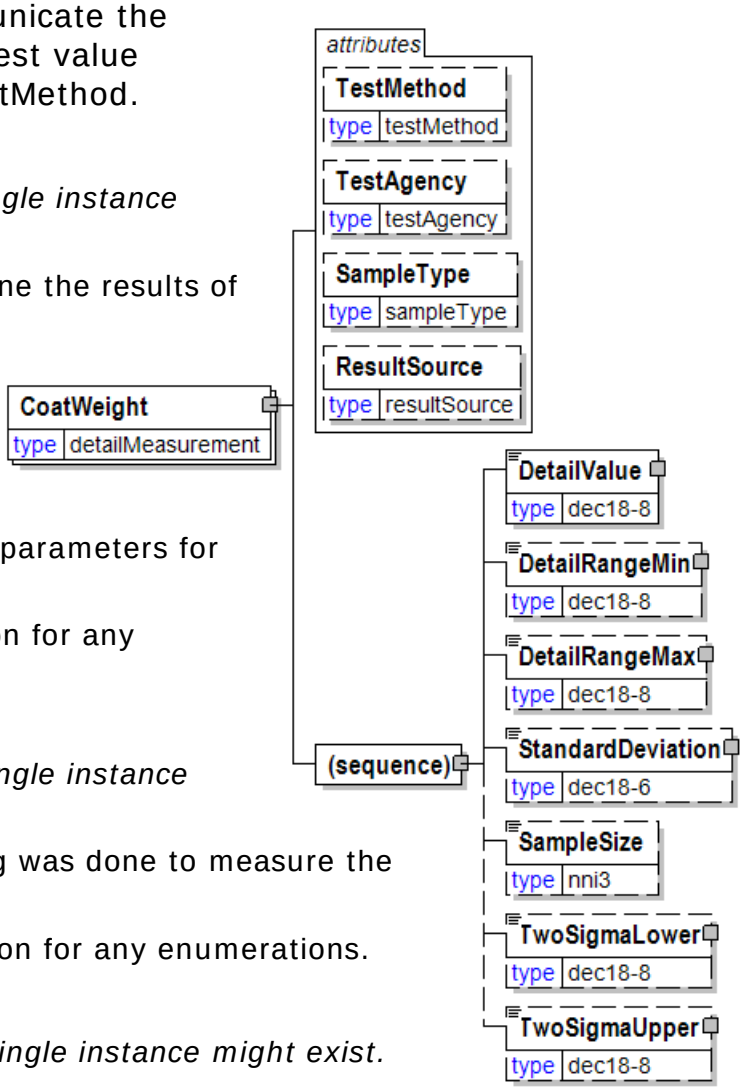
Polyethylene

Pyroxylin

Silicone

CoatWeight

A group item used to communicate the coating thickness target or test value according to a particular TestMethod.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

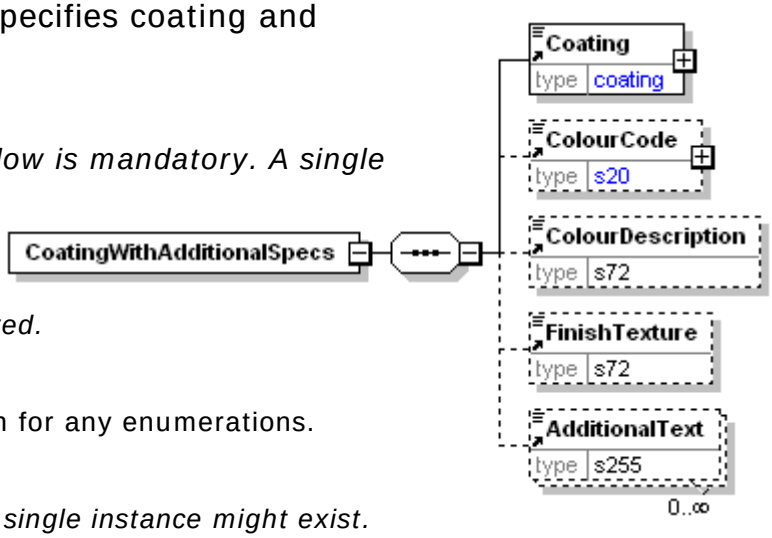
Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

CoatingWithAdditionalSpecs

A grouping element that specifies coating and additional related items.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Coating

Coating is mandatory.
A single instance is required.

Coating

Refer to Coating definition for any enumerations.

ColourCode

ColourCode is optional. A single instance might exist.

A code indicating the colour.

ColourDescription

ColourDescription is optional. A single instance might exist.

A free form description of the colour.

FinishTexture

FinishTexture is optional. A single instance might exist.

Describes the texture of the finish to be achieved such as Leatherette.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

Code

Specifies a code that is defined by an agency. The agency is given for the whole construct containing the code.



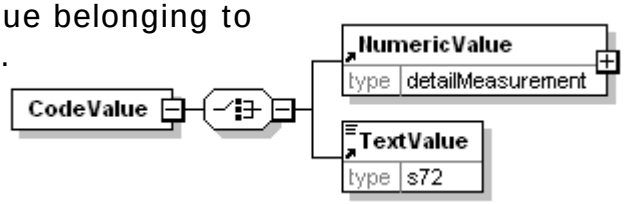
CodeDescription

A textual description for the meaning of a code that is defined by an agency.



CodeValue

A grouping element specifying a value belonging to a code that is defined by an agency.



(choice)

[choice] is mandatory. A single instance is required.

NumericValue

NumericValue is optional because of choice construct.

A grouping element for a numeric value and its statistical measures.

TextValue

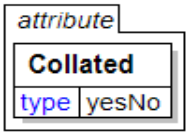
TextValue is optional because of choice construct.

A value in text format.

Collated [attribute]

Either "Yes" or "No".

This item is restricted to the following list.



Yes

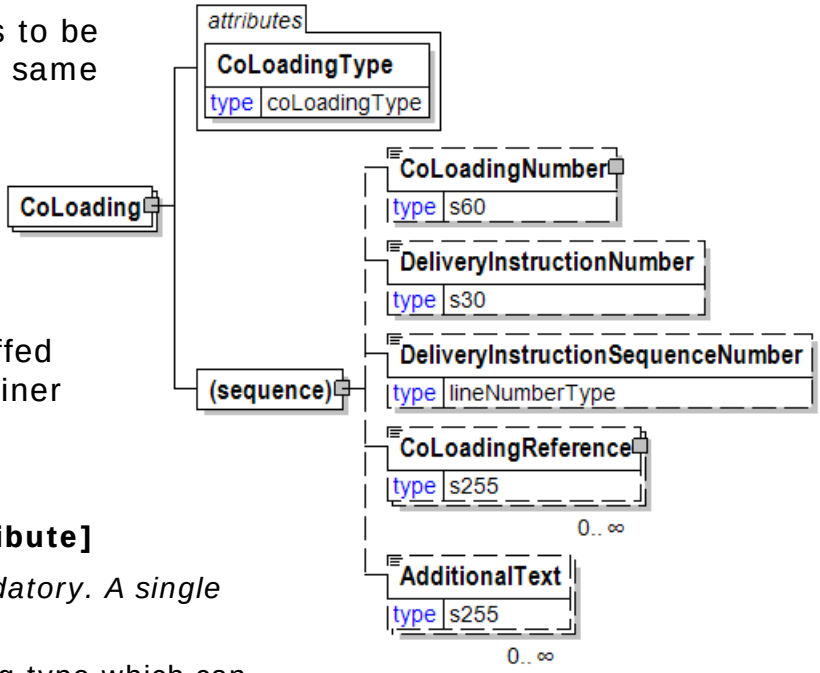
No

CoLoading

A group item specifying information about items to be loaded or loaded on the same transport unit.

Used to identify:

- Delivery together to the drop point
- Transport Orders stuffed together in a container
- Transport Orders not splittable



CoLoadingType [attribute]

CoLoadingType is mandatory. A single instance is required.

Provides the Co-Loading type which can control and confirm co-loading.

Refer to CoLoadingType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

CoLoadingNumber

CoLoadingNumber is optional. A single instance might exist.

The identifier for the CoLoading communication.

DeliveryInstructionNumber

DeliveryInstructionNumber is optional. A single instance might exist.

The unique identifier for the DeliveryInstruction.

DeliveryInstructionSequenceNumber

DeliveryInstructionSequenceNumber is optional. A single instance might exist.

A sequential number that uniquely identifies the Sequence of a DeliveryInstruction.

CoLoadingReference

CoLoadingReference is optional. Multiple instances might exist.

An element item detailing relevant references pertaining to the coloading process.

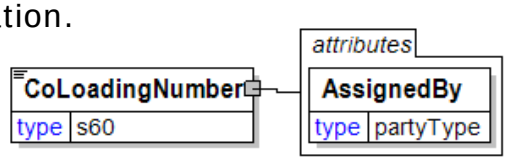
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

CoLoadingNumber

The identifier for the CoLoading communication.



AssignedBy [attribute]

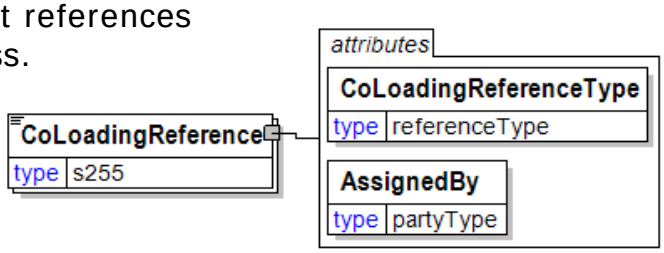
AssignedBy is mandatory. A single instance is required.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy definition for any enumerations.

CoLoadingReference

An element item detailing relevant references pertaining to the coloading process.



CoLoadingReferenceType [attribute]

CoLoadingReferenceType is mandatory. A single instance is required.

CoLoadingReferenceType provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Customer”, “Seller”, and/or “Supplier”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to CoLoadingReferenceType definition for any enumerations.

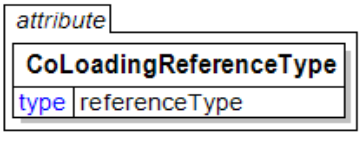
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations

CoLoadingReferenceType [attribute]



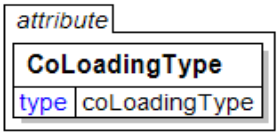
CoLoadingReferenceType provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Customer”, “Seller”, and/or “Supplier”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their

definitions.

CoLoadingType [attribute]

Provides the Co-Loading type which can control and confirm co-loading.



This item is restricted to the following list.

CoLoaded

The delivery is co-loaded with other goods on the same transport unit.

Requested

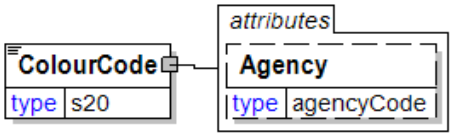
CoLoading is requested and should be executed if possible.

Required

CoLoading is required and should always be executed.

ColourCode

A code indicating the colour.



Agency [attribute]

Agency is optional. A single instance might exist.

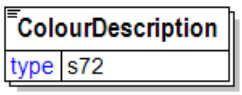
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

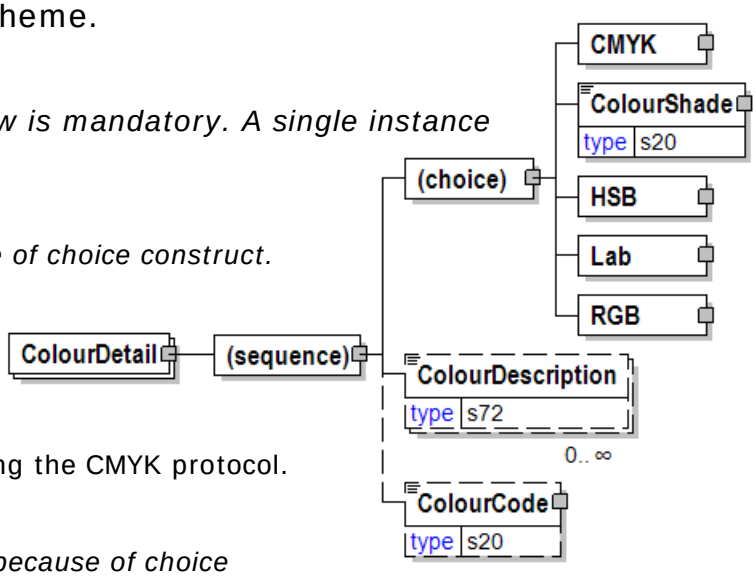
ColourDescription

A free form description of the colour.



ColourDetail

A group item used to communicate details of colour according to the selected colour definition scheme.



(sequence)

The sequence of items below is mandatory. A single instance is required.

(choice)

[choice] is optional because of choice construct.

CMYK

CMYK is optional because of choice construct.

A definition of colour using the CMYK protocol.

ColourShade

ColourShade is optional because of choice construct.

The colour shade as defined by the indicated Agency.

HSB

HSB is optional because of choice construct.

A definition of colour using the HSB protocol.

All the components of the definition are required. The structure of Hue, Saturation, and Brilliance follows DetailMeasurement.

Lab

Lab is optional because of choice construct.

A definition of colour using the L*a*b protocol.

L*a*b colour consists of a luminance or lightness component (L) and two chromatic components: a component (from green to red) and the b component (from blue to yellow). All the components of the definition are required. The structure of Luminance, “a”, and “b” follows DetailMeasurement.

RGB

RGB is optional because of choice construct.

A definition of colour using the RGB protocol.

ColourDescription

ColourDescription is optional. Multiple instances might exist.

A free form description of the colour.

ColourCode

ColourCode is optional. A single instance might exist.

A code indicating the colour.

ColourLocation [attribute]



This item is restricted to the following list.

Front

Back

Page1

Page1 is defined to be the front-outside of a 4 page component such as a cover or a endsheet.

Page2

Page2 is defined to be the front--i Inside of a 4 page component such as a cover or a endsheet.

Page3

Page3 is defined to be the back-inside of a 4 page component such as a cover or a endsheet.

Page4

Page4 is defined to be the back-outside of a 4 page component such as a cover or a endsheet.

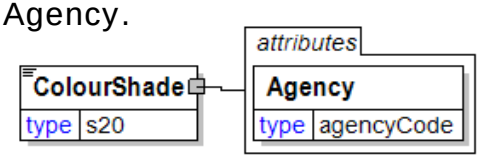
ColourMatchDescription

Colour match description



ColourShade

The colour shade as defined by the indicated Agency.



Agency [attribute]

Agency is mandatory. A single instance is required.

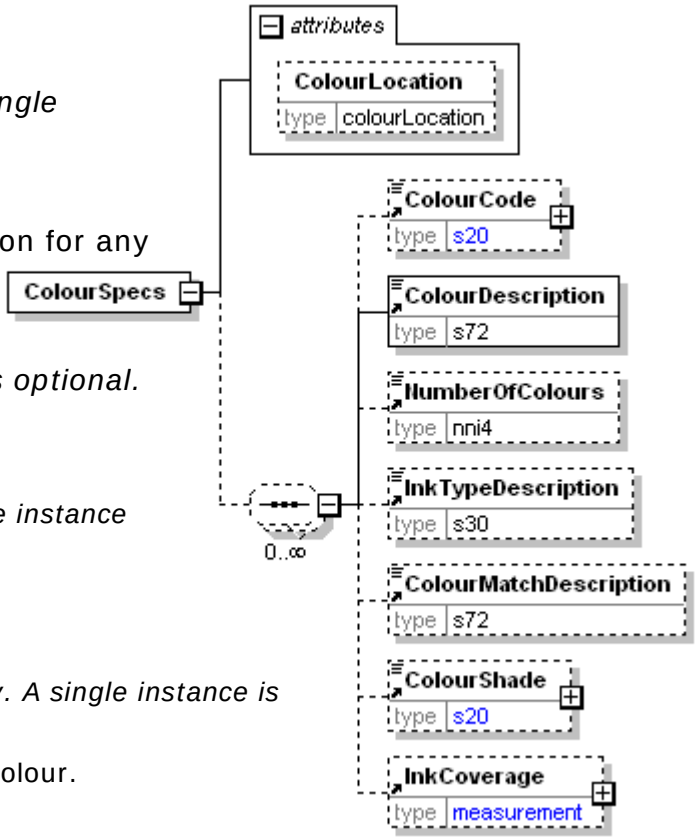
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

ColourSpecs

Colour specs



ColourLocation [attribute]

ColourLocation is optional. A single instance might exist.

Refer to ColourLocation definition for any enumerations.

(sequence)

The sequence of items below is optional. Multiple instances might exist.

ColourCode

ColourCode is optional. A single instance might exist.

A code indicating the colour.

ColourDescription

ColourDescription is mandatory. A single instance is required.

A free form description of the colour.

NumberOfColours

NumberofColours is optional. A single instance might exist.

The number of colours.

InkTypeDescription

InkTypeDescription is optional. A single instance might exist.

Ink type description

ColourMatchDescription

ColourMatchDescription is optional. A single instance might exist.

Colour match description

ColourShade

ColourShade is optional. A single instance might exist.

The colour shade as defined by the indicated Agency.

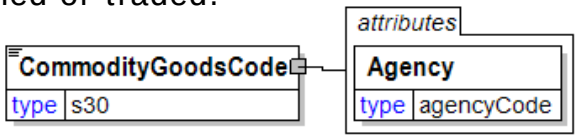
InkCoverage

InkCoverage is optional. A single instance might exist.

Ink coverage

CommodityGoodsCode

A code defining the type of goods handled or traded. The Harmonized Commodity Description and Coding System (HS) of the Customs Cooperation Council



(CCC) is used worldwide as a reference for classifications of external trade statistics and for customs tariffs.

Agency [attribute]

Agency is mandatory. A single instance is required.

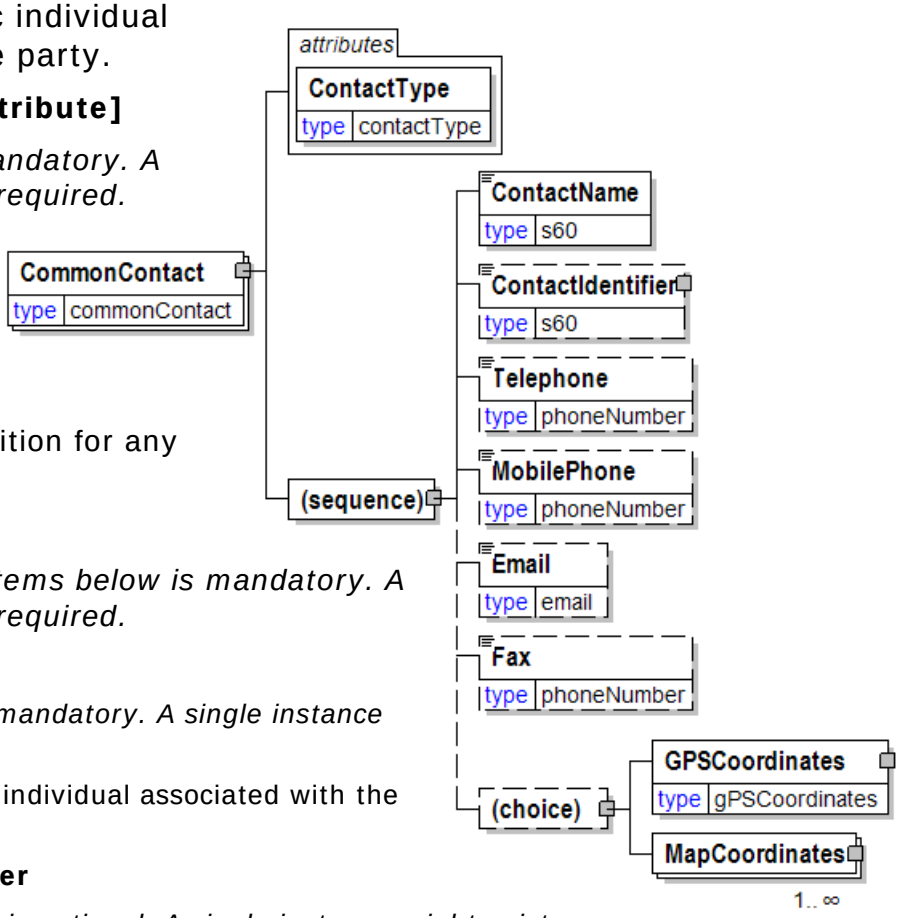
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

CommonContact

Identifies a specific individual associated with the party.



ContactType [attribute]

ContactType is mandatory. A single instance is required.

Identifies the role of the contact within the party.

Refer to ContactType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ContactName

ContactName is mandatory. A single instance is required.

The name of the individual associated with the ContactType.

ContactIdentifier

ContactIdentifier is optional. A single instance might exist.

The identifier for the contact.

Telephone

Telephone is optional. A single instance might exist.

The business phone number of the individual associated with the ContactName.

MobilePhone

MobilePhone is optional. A single instance might exist.

The mobile phone number of the individual associated with the ContactName.

Email

Email is optional. A single instance might exist.

The primary business email address of the individual associated with the ContactName.

Fax

Fax is optional. A single instance might exist.

The primary business fax number of the individual associated with the ContactName.

(choice)

[choice] is optional because of choice construct.

GPSCoordinates

GPSCoordinates is optional because of choice construct.

The location of the party as specified using a Global Positioning System.

MapCoordinates

MapCoordinates is optional because of choice construct.

A group item defining and containing position co-ordinates of a location.

CommunicationRole [attribute]

Provides information about the sender, receiver, and participants to the document communication.



This item is restricted to the following list.

From

The document originates from this party.

To

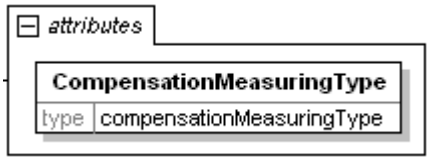
The document is destined to this party.

CC

This party is copied on the document

CompensationMeasuringType [attribute]

Specifies what kind of measuring is used for financial compensation.



This item is restricted to the following list.

ForestHarvester

Measuring is done by forest harvester during harvesting.

IndustrialSite

Measuring is done at the industrial sites.

StandingTree

Measuring of standing trees is done before harvesting.

StorageSite

Measuring is done at the storage sites, e.g. at roadside landings.

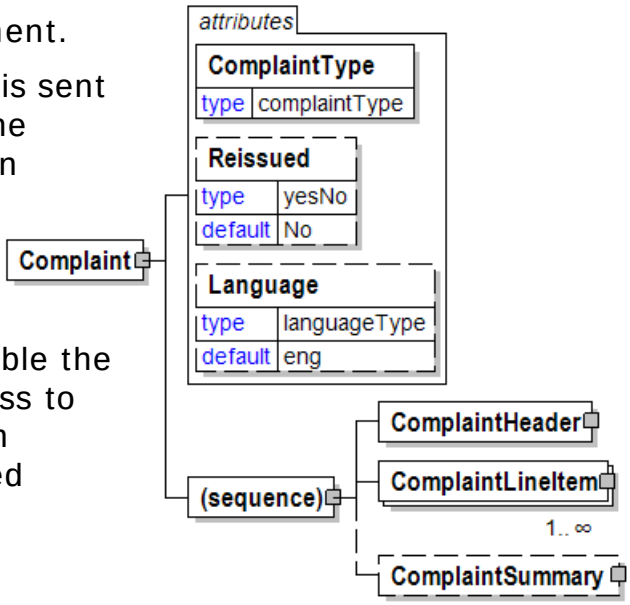
TransportWeightScale

Measuring is done by a weight scale mounted on a vehicle or a transport unit. E.g. measuring by a weight scale mounted on a forest forwarder or to transporting vehicle during loading or unloading.

Complaint

The Complaint element is the root element for the Complaint e-Document.

Typically, a Complaint e-Document is sent from the customer or end user to the supplier to communicate information regarding products or services. A response from the supplier is desired and corrective actions, if required. This e-Document must specify the necessary details to enable the supplier to trigger an internal process to verify whether the complaint reason corresponds to the supplier-assessed reason.



ComplaintType [attribute]

ComplaintType is mandatory. A single instance is required.

Indicates if the e-Document represents a Complaint by the sender or Feedback from the sender.

Refer to ComplaintType definition for any enumerations.

Reissued [attribute]

Reissued is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Reissued definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ComplaintHeader

ComplaintHeader is mandatory. A single instance is required.

The ComplaintHeader is required and contains information common to the Complaint.

ComplaintLineItem

ComplaintLineItem is mandatory. One instance is required, multiple instances might exist.

The detail information of one of the items on the Complaint.

ComplaintSummary

ComplaintSummary is optional. A single instance might exist.

Summary information that applies to the entire Complaint e-Document.

ComplaintHeader

The ComplaintHeader is required and contains information common to the Complaint.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ComplaintNumber

ComplaintNumber is mandatory. A single instance is required.

A unique identification number of the Complaint, generated by the complainer.

ComplaintIssueDate

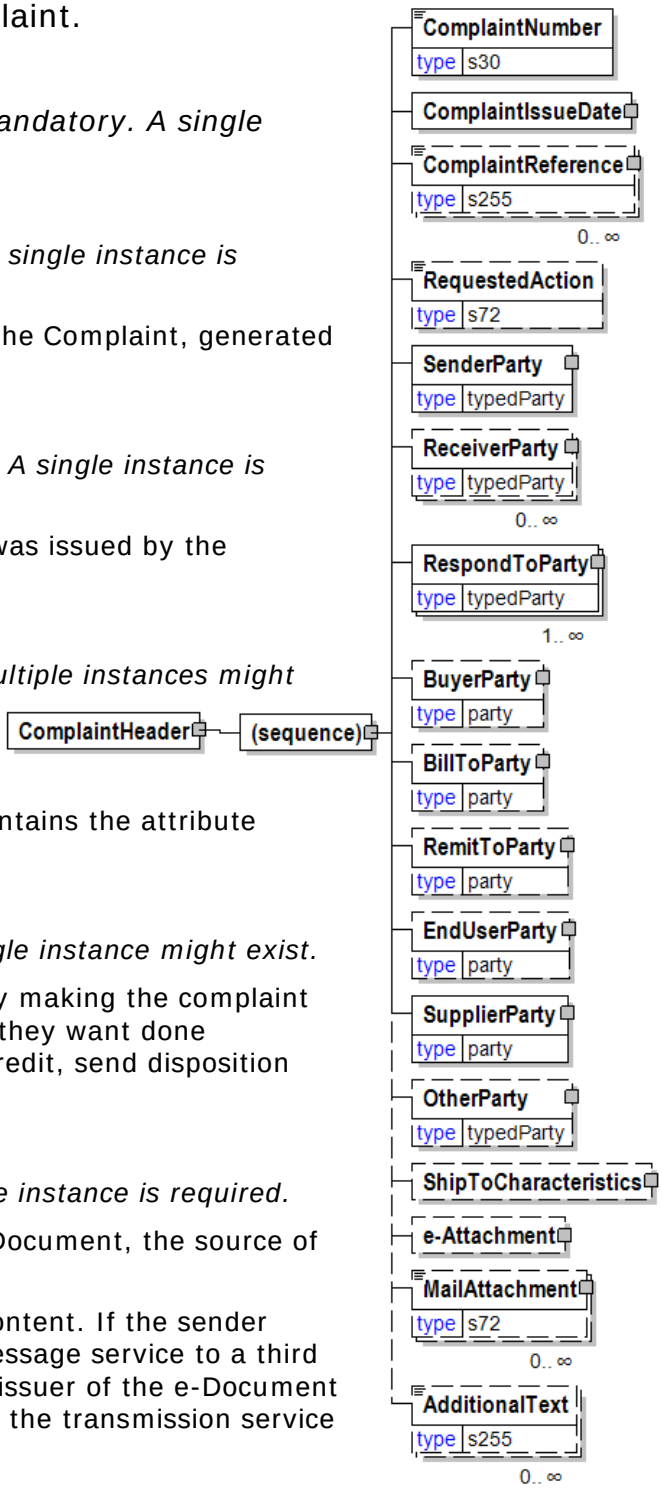
ComplaintIssueDate is mandatory. A single instance is required.

The date on which the Complaint was issued by the complainer

ComplaintReference

ComplaintReference is optional. Multiple instances might exist.

A group item detailing relevant references pertaining to the Complaint. ComplaintReference contains the attribute ComplaintReferenceType.



RequestedAction

RequestedAction is optional. A single instance might exist.

The element that enables the party making the complaint (i.e. SenderParty) to specify what they want done regarding the Complaint (send a credit, send disposition instructions, etc.)

SenderParty

SenderParty is mandatory. A single instance is required.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is optional. Multiple instances might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

RespondToParty

RespondToParty is mandatory. One instance is required, multiple instances might exist.

The party the document should be responded to.

BuyerParty

BuyerParty is optional. A single instance might exist.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

BillToParty

BillToParty is optional. A single instance might exist.

The address where the Invoice is to be sent.

RemitToParty

RemitToParty is optional. A single instance might exist.

A group item containing details of the party to whom payment will be made. The RemitToParty contains all information related to remittance.

EndUserParty

EndUserParty is optional. A single instance might exist.

The party using, consuming, or converting the product. For example, a printer using paper reels for a print job for a publisher. The final ShipTo destination for a product is normally to the end user's facilities.

SupplierParty

SupplierParty is mandatory. A single instance is required.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

OtherParty

OtherParty is optional. A single instance might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

ShipToCharacteristics

ShipToCharacteristics is optional. A single instance might exist.

A group item that provides information important for the Ship-To Party.

ShipToCharacteristics may be referenced at both the header and line item level. The reference at the header is required and acts as a default for the value at the line level, unless overridden at the line level.

e-Attachment

e-Attachment is optional. A single instance might exist.

e-Attachment enables the sender to provide information about attachments to the document.

Note: BizTalk users may have problems in processing this element. See the papiNet FAQs (papiNet.org) for more information.

MailAttachment

MailAttachment is optional. Multiple instances might exist.

MailAttachment enables the complainer to indicate that they are providing by mail (express courier, snail mail etc.) proof of the Complaint.

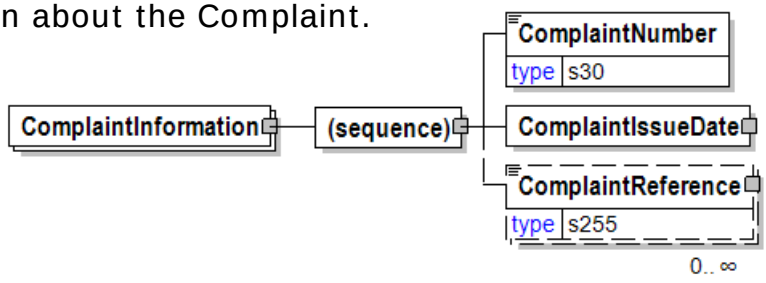
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

ComplaintInformation

ComplaintInformation is a grouping element that contains general information about the Complaint.



(sequence)

The sequence of items below is mandatory. A single instance is required.

ComplaintNumber

ComplaintNumber is mandatory. A single instance is required.

A unique identification number of the Complaint, generated by the complainer.

ComplaintIssueDate

ComplaintIssueDate is mandatory. A single instance is required.

The date on which the Complaint was issued by the complainer

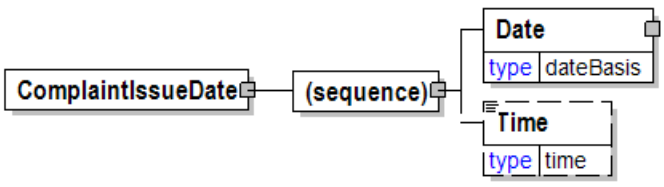
ComplaintReference

ComplaintReference is optional. Multiple instances might exist.

A group item detailing relevant references pertaining to the Complaint. ComplaintReference contains the attribute ComplaintReferenceType.

ComplaintIssueDate

The date on which the Complaint was issued by the complainer



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a

generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

ComplaintLineItem

The detail information of one of the items on the Complaint.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ComplaintLineItemNumber

ComplaintLineItemNumber is mandatory. A single instance is required.

The number used to identify the Complaint line item

ComplaintReason

ComplaintReason is mandatory. A single instance is required.

A group item containing the reason for the Complaint.

RequestedAction

RequestedAction is optional. A single instance might exist.

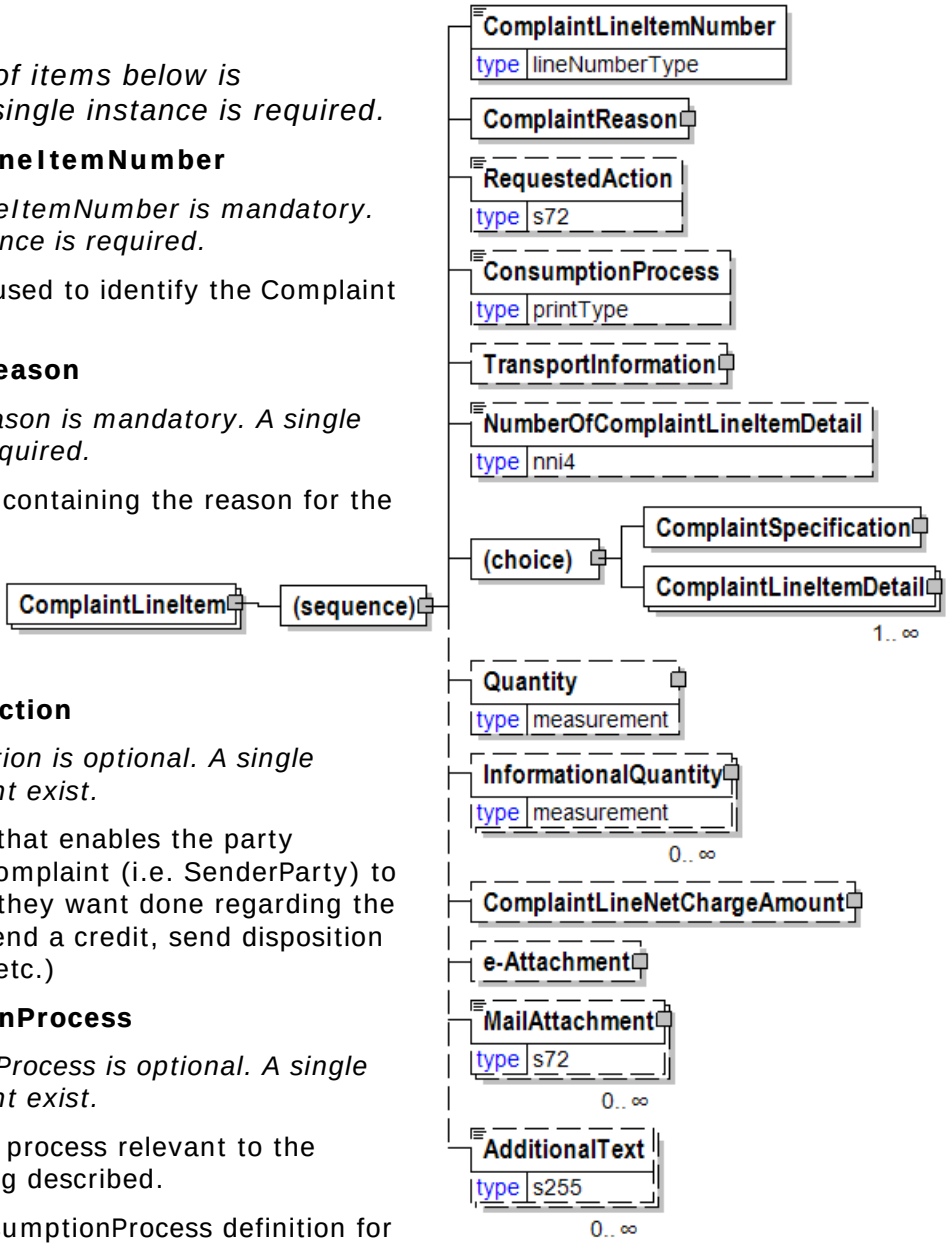
The element that enables the party making the complaint (i.e. SenderParty) to specify what they want done regarding the Complaint (send a credit, send disposition instructions, etc.)

ConsumptionProcess

ConsumptionProcess is optional. A single instance might exist.

Identifies the process relevant to the situation being described.

Refer to ConsumptionProcess definition for



any enumerations.

TransportInformation

TransportInformation is optional. A single instance might exist.

A grouping element for transport information.

NumberOfComplaintLineItemDetail

NumberOfComplaintLineItemDetail is optional. A single instance might exist.

The number of ComplaintLineItemDetail elements for a given ComplaintLineItem (Example: the number of reels in a ComplaintLineItem)

(choice)

[choice] is optional because of choice construct.

ComplaintSpecification

ComplaintSpecification is optional because of choice construct.

A group item containing information necessary to identify the physical item

ComplaintLineItemDetail

ComplaintLineItemDetail is optional because of choice construct.

A group item containing information necessary to identify the type of article being complained (example: pallet, reel etc.)

Quantity

Quantity is optional. A single instance might exist.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

ComplaintLineNetChargeAmount

ComplaintLineNetChargeAmount is optional. A single instance might exist.

The total complained amount per line.

e-Attachment

e-Attachment is optional. A single instance might exist.

e-Attachment enables the sender to provide information about attachments to the document.

Note: BizTalk users may have problems in processing this element. See the papiNet FAQs (papiNet.org) for more information.

MailAttachment

MailAttachment is optional. Multiple instances might exist.

MailAttachment enables the complainer to indicate that they are providing by mail (express courier, snail mail etc.) proof of the Complaint.

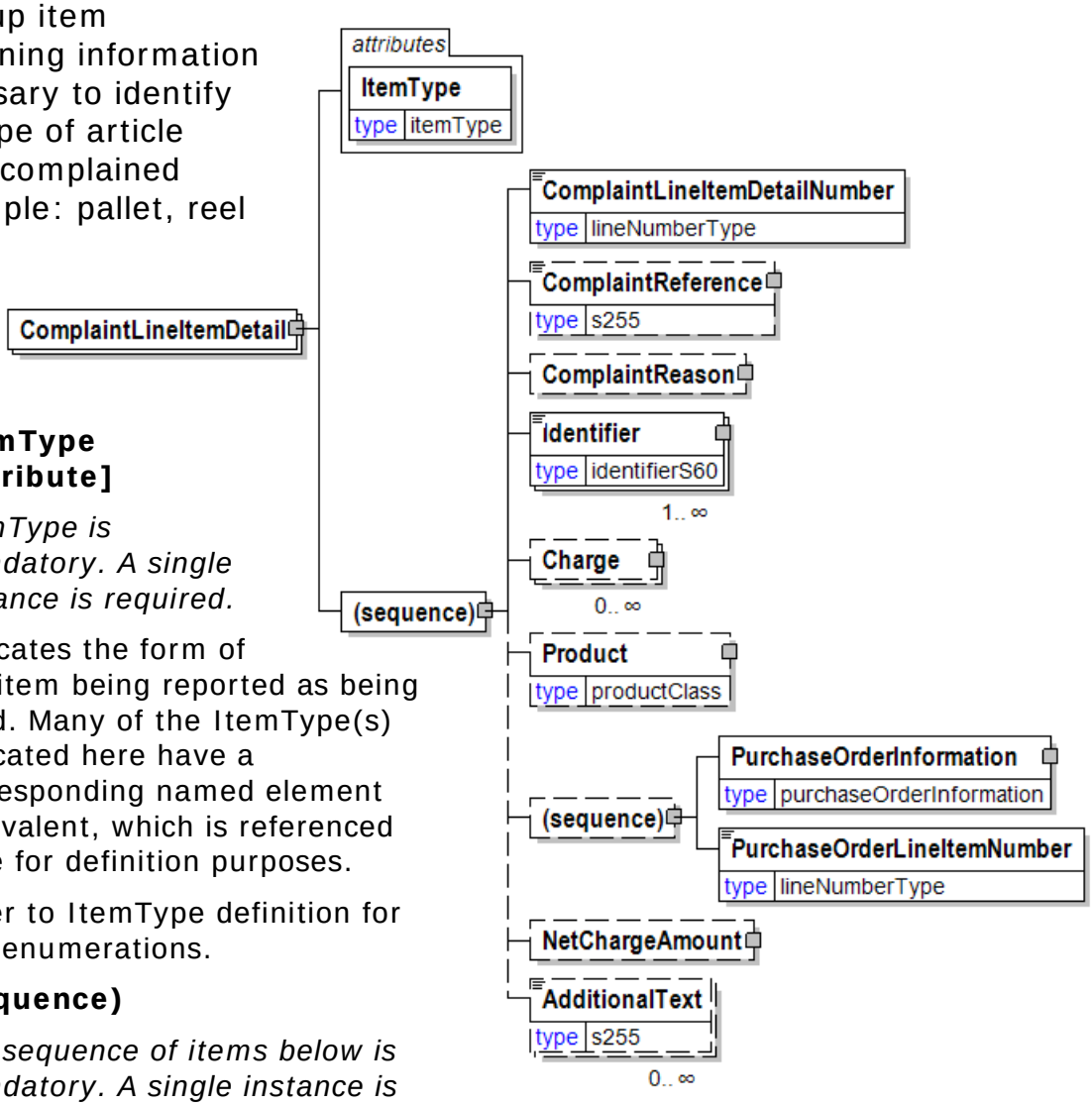
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

ComplaintLineItemDetail

A group item containing information necessary to identify the type of article being complained (example: pallet, reel etc.)



ItemType [attribute]

ItemType is mandatory. A single instance is required.

Indicates the form of the item being reported as being used. Many of the ItemType(s) indicated here have a corresponding named element equivalent, which is referenced here for definition purposes.

Refer to ItemType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ComplaintLineItemDetailNumber

ComplaintLineItemDetailNumber is mandatory. A single instance is required.

The sequential number of an item assigned by the party making the Complaint within ComplaintLineItemDetail

ComplaintReference

ComplaintReference is optional. A single instance might exist.

A group item detailing relevant references pertaining to the Complaint.

ComplaintReference contains the attribute ComplaintReferenceType.

ComplaintReason

ComplaintReason is optional. A single instance might exist.

A group item containing the reason for the Complaint.

Identifier

Identifier is mandatory. One instance is required, multiple instances might exist.

An Identifier is required for packages and items (pallets, reel packages, boxes, ream items, reel items, etc). The Identifier element contains the actual item identifier code. Identifier is repeatable so more than one identifier can be communicated. For example, the printed identifier on a label may be different from the barcode printed on the label.

Charge

Charge is optional. Multiple instances might exist.

Charge is a group element that contains elements that describe a charge.

Product

Product is optional. A single instance might exist.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

(sequence)

The sequence of items below is optional. A single instance might exist.

PurchaseOrderInformation

PurchaseOrderInformation is mandatory. A single instance is required.

A group item containing information unique to this PurchaseOrder, which is provided by the buyer. PurchaseOrderInformation can be optional in the supply chain. Invoices are created without having a PurchaseOrder in Vendor Managed Inventory. Freight invoices also will not have a PurchaseOrder number.

PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber is mandatory. A single instance is required.

The sequential number that uniquely identifies the PurchaseOrder line item.

NetChargeAmount

NetChargeAmount is optional. A single instance might exist.

A field containing the sum of all instances of the Complaint charges.

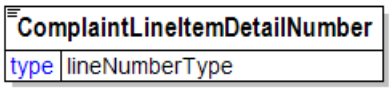
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

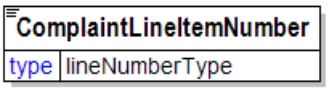
ComplaintLineItemDetailNumber

The sequential number of an item assigned by the party making the Complaint within ComplaintLineItemDetail



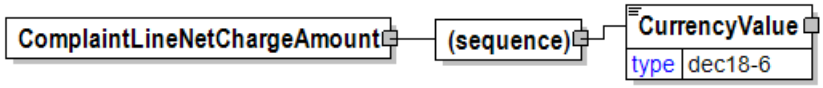
ComplaintLineItemNumber

The number used to identify the Complaint line item



ComplaintLineNetChargeAmount

The total complained amount per line.



(sequence)

The sequence of items below is mandatory. A single instance is required.

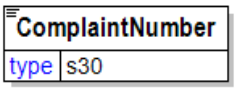
CurrencyValue

CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

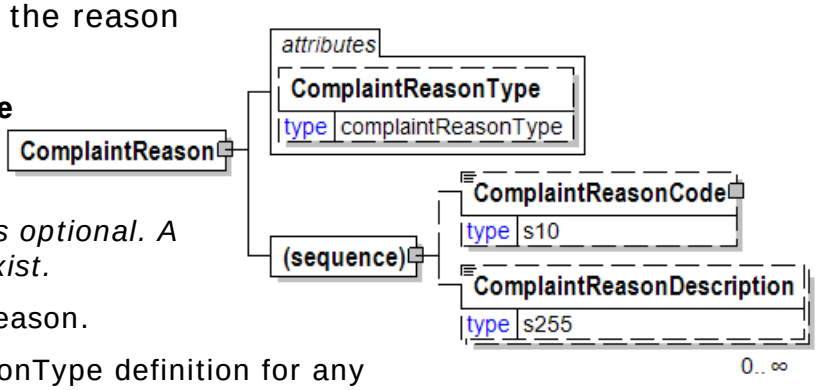
ComplaintNumber

A unique identification number of the Complaint, generated by the complainer.



ComplaintReason

A group item containing the reason for the Complaint.



ComplaintReasonType [attribute]

ComplaintReasonType is optional. A single instance might exist.

The type of complaint reason.

Refer to ComplaintReasonType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ComplaintReasonCode

ComplaintReasonCode is optional. A single instance might exist.

A code for quickly communicating the type of ComplaintReason. The Agency

responsible for the code can be associated with the element.

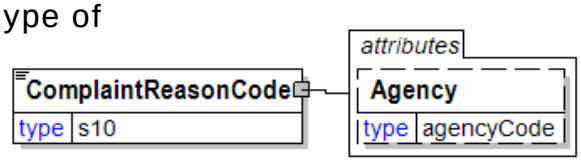
ComplaintReasonDescription

ComplaintReasonDescription is optional. Multiple instances might exist.

A text field element describing the reason for the Complaint

ComplaintReasonCode

A code for quickly communicating the type of ComplaintReason. The Agency responsible for the code can be associated with the element.



Agency [attribute]

Agency is optional. A single instance might exist.

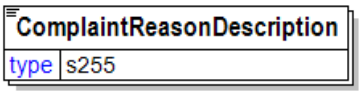
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

ComplaintReasonDescription

A text field element describing the reason for the Complaint



ComplaintReasonType [attribute]

The type of complaint reason.

This item is restricted to the following list.



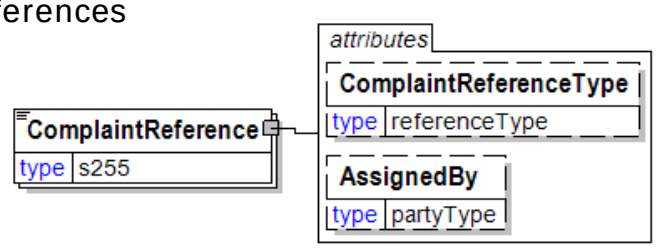
Commercial

Logistical

Technical

ComplaintReference

A group item detailing relevant references pertaining to the Complaint. ComplaintReference contains the attribute ComplaintReferenceType.



ComplaintReferenceType

[attribute]

ComplaintReferenceType is optional. A single instance might exist.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to ComplaintReferenceType definition for any enumerations.

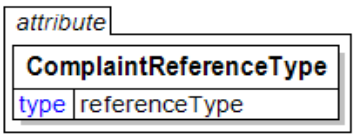
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

ComplaintReferenceType [attribute]



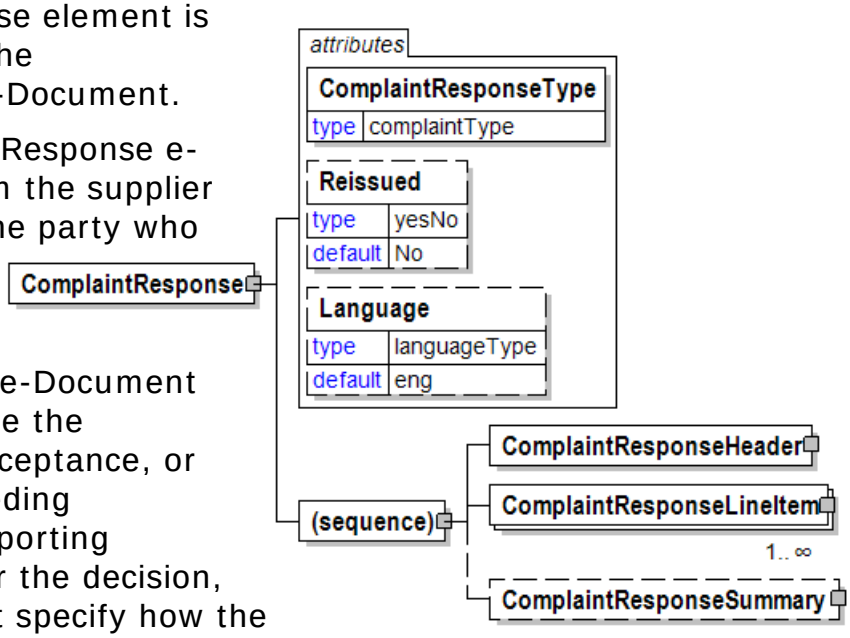
Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

ComplaintResponse

The ComplaintResponse element is the root element for the ComplaintResponse e-Document.

Typically, a ComplaintResponse e-Document is sent from the supplier or sender parties to the party who has originated the Complaint, or possibly to the RespondToParty. The e-Document is sent to communicate the acceptance, partial acceptance, or rejection, of the preceding complaint(s) with supporting information. Whatever the decision, this e-Document must specify how the complaint will be processed.



ComplaintResponseType [attribute]

ComplaintResponseType is mandatory. A single instance is required.

Indicates if the e-Document represents a Complaint by the sender or Feedback from the sender.

Refer to ComplaintResponseType definition for any enumerations.

Reissued [attribute]

Reissued is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Reissued definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ComplaintResponseHeader

ComplaintResponseHeader is mandatory. A single instance is required.

The ComplaintResponseHeader is required and contains information common to the ComplaintResponse.

ComplaintResponseLineItem

ComplaintResponseLineItem is mandatory. One instance is required, multiple instances might exist.

The detail information about the response for a particular complaint.

Note: In version V2R30 the multiplicity of e-Attachment was changed from optional, repeatable to optional, single. It is recognized that this is not backwardly compatible. We apologize for any issues this causes.

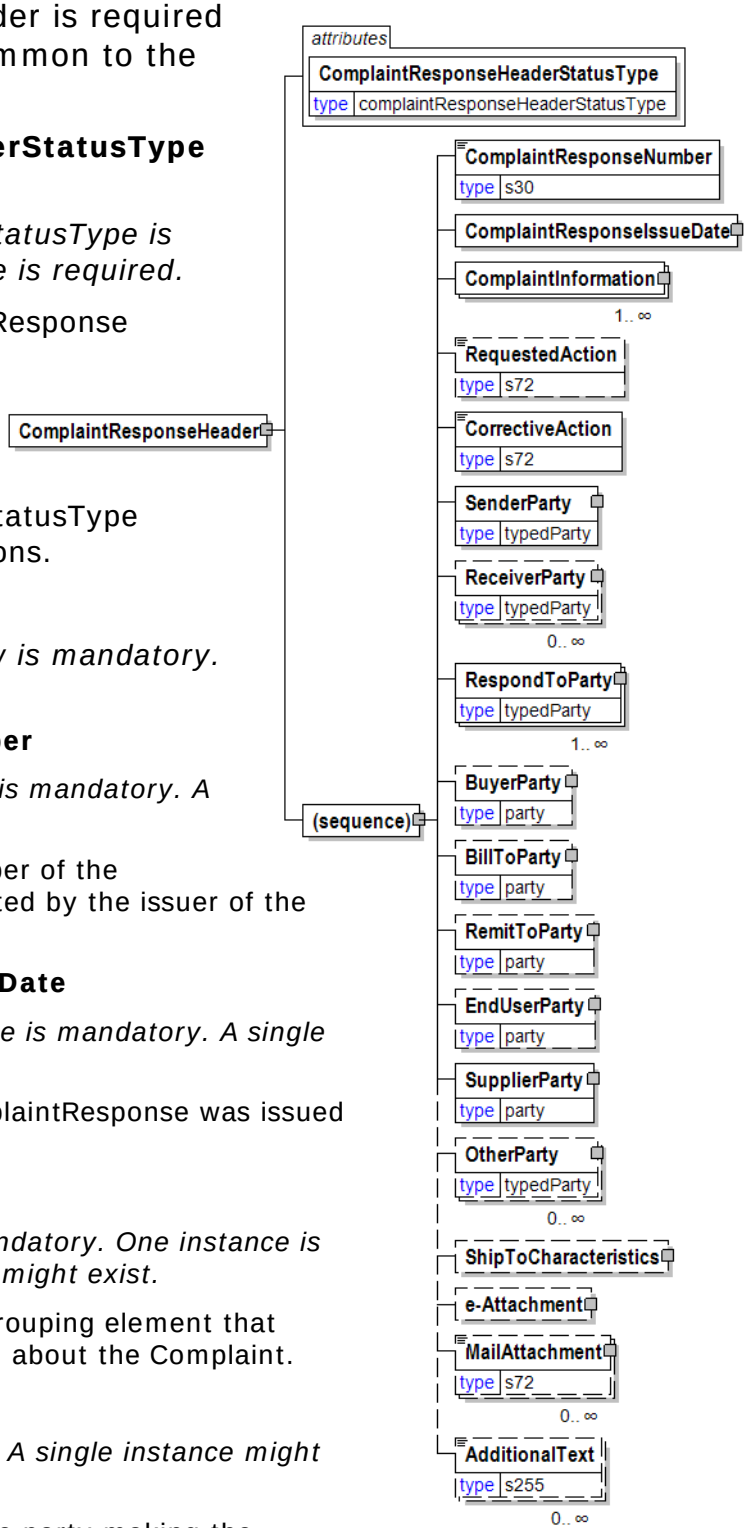
ComplaintResponseSummary

ComplaintResponseSummary is optional. A single instance might exist.

Summary information that applies to the entire ComplaintResponse e-Document.

ComplaintResponseHeader

The ComplaintResponseHeader is required and contains information common to the ComplaintResponse.



ComplaintResponseHeaderStatusType [attribute]

ComplaintResponseHeaderStatusType is mandatory. A single instance is required.

The status of the ComplaintResponse header.

Refer to ComplaintResponseHeaderStatusType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ComplaintResponseNumber

ComplaintResponseNumber is mandatory. A single instance is required.

A unique identification number of the ComplaintResponse, generated by the issuer of the ComplaintResponse.

ComplaintResponseIssueDate

ComplaintResponseIssueDate is mandatory. A single instance is required.

The date on which the ComplaintResponse was issued within the sender's system.

ComplaintInformation

ComplaintInformation is mandatory. One instance is required, multiple instances might exist.

ComplaintInformation is a grouping element that contains general information about the Complaint.

RequestedAction

RequestedAction is optional. A single instance might exist.

The element that enables the party making the complaint (i.e. SenderParty) to specify what they want done regarding the Complaint (send a credit, send disposition instructions, etc.)

CorrectiveAction

CorrectiveAction is mandatory. A single instance is required.

This element enables the party issuing the ComplaintResponse (i.e. SupplierParty) to specify what is the corrective action they will take in order to close the Complaint (send a credit, send disposition instructions, etc.)

SenderParty

SenderParty is mandatory. A single instance is required.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is optional. Multiple instances might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

RespondToParty

RespondToParty is mandatory. One instance is required, multiple instances might exist.

The party the document should be responded to.

BuyerParty

BuyerParty is optional. A single instance might exist.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

BillToParty

BillToParty is optional. A single instance might exist.

The address where the Invoice is to be sent.

RemitToParty

RemitToParty is optional. A single instance might exist.

A group item containing details of the party to whom payment will be made. The RemitToParty contains all information related to remittance.

EndUserParty

EndUserParty is optional. A single instance might exist.

The party using, consuming, or converting the product. For example, a printer using paper reels for a print job for a publisher. The final ShipTo destination for a product is normally to the end user's facilities.

SupplierParty

SupplierParty is mandatory. A single instance is required.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-

Document.

ShipToCharacteristics

ShipToCharacteristics is optional. A single instance might exist.

A group item that provides information important for the Ship-To Party.

ShipToCharacteristics may be referenced at both the header and line item level. The reference at the header is required and acts as a default for the value at the line level, unless overridden at the line level.

e-Attachment

e-Attachment is optional. A single instance might exist.

e-Attachment enables the sender to provide information about attachments to the document.

Note: BizTalk users may have problems in processing this element. See the papiNet FAQs (papiNet.org) for more information.

MailAttachment

MailAttachment is optional. Multiple instances might exist.

MailAttachment enables the complainer to indicate that they are providing by mail (express courier, snail mail etc.) proof of the Complaint.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

ComplaintResponseHeaderStatusType [attribute]

The status of the ComplaintResponse header.

This item is restricted to the following list.



Accepted

The supplied information is accepted.

PartiallyAccepted

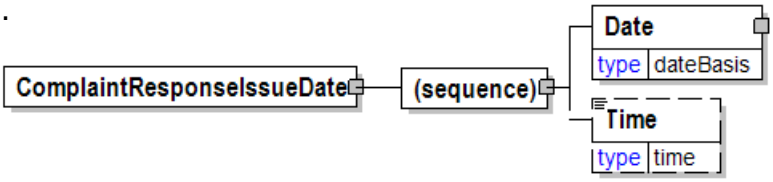
The supplied information is not completely accepted.

Rejected

The supplied information is rejected.

ComplaintResponseIssueDate

The date on which the ComplaintResponse was issued within the sender's system.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

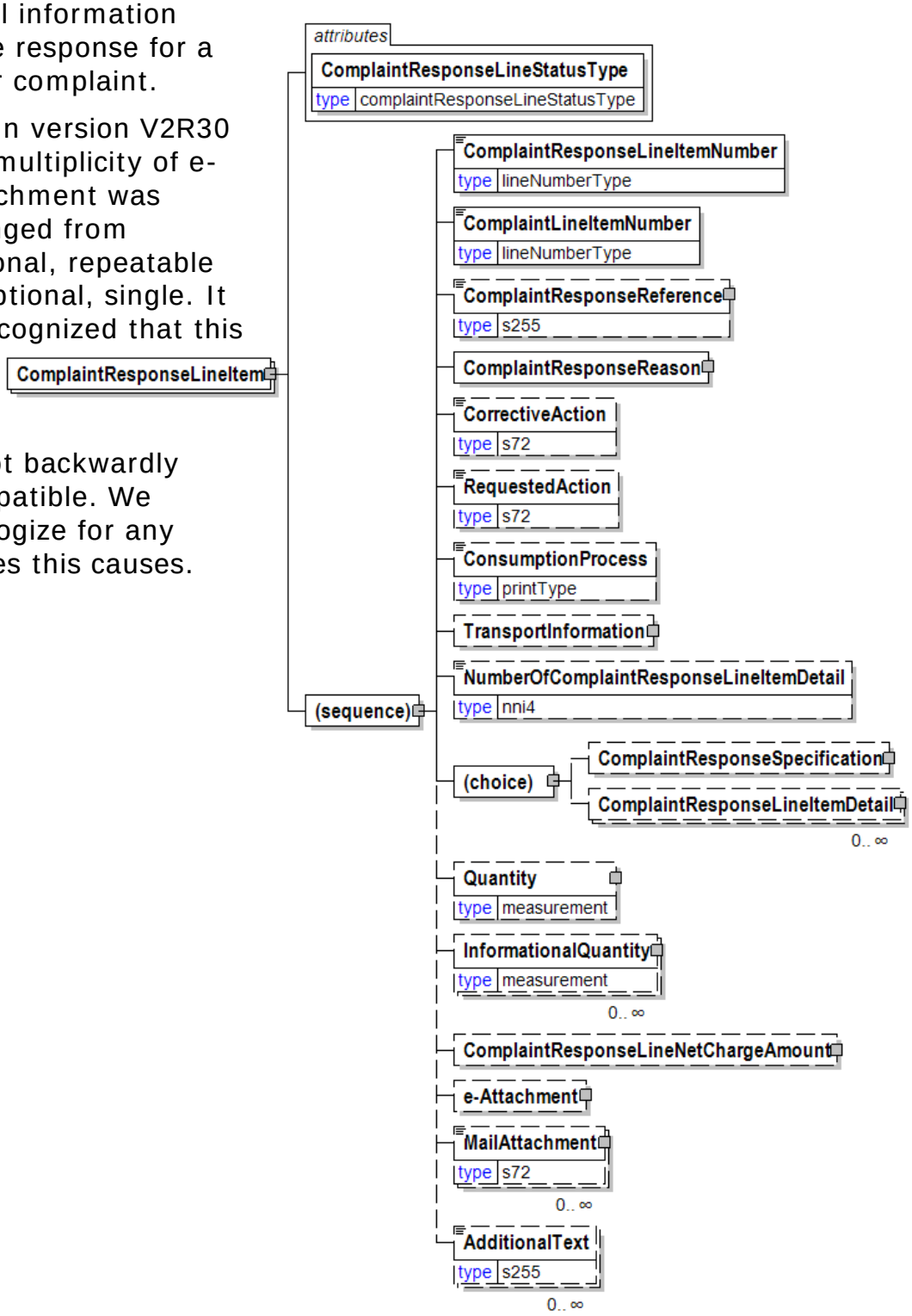
Times are treated in a standard XML fashion with a special case used to indicate a generalized "local" time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use "Z" when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

ComplaintResponseLineItem

The detail information about the response for a particular complaint.

Note: In version V2R30 the multiplicity of e-Attachment was changed from optional, repeatable to optional, single. It is recognized that this is not backwardly compatible. We apologize for any issues this causes.



ComplaintResponseLineStatusType [attribute]

ComplaintResponseLineStatusType is mandatory. A single instance is required.

The status of the ComplaintResponse line.

Refer to ComplaintResponseLineStatusType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ComplaintResponseLineItemNumber

ComplaintResponseLineItemNumber is mandatory. A single instance is required.

The number used to identify the ComplaintResponse line item

ComplaintLineItemNumber

ComplaintLineItemNumber is mandatory. A single instance is required.

The number used to identify the Complaint line item

ComplaintResponseReference

ComplaintResponseReference is optional. A single instance might exist.

A group item detailing relevant references pertaining to the ComplaintResponse

ComplaintResponseReason

ComplaintResponseReason is mandatory. A single instance is required.

A group item containing the reason assessed by the supplier or sender parties for the ComplaintResponse

CorrectiveAction

CorrectiveAction is optional. A single instance might exist.

This element enables the party issuing the ComplaintResponse (i.e. SupplierParty) to specify what is the corrective action they will take in order to close the Complaint (send a credit, send disposition instructions, etc.)

RequestedAction

RequestedAction is optional. A single instance might exist.

The element that enables the party making the complaint (i.e. SenderParty) to specify what they want done regarding the Complaint (send a credit, send disposition instructions, etc.)

ConsumptionProcess

ConsumptionProcess is optional. A single instance might exist.

Identifies the process relevant to the situation being described.

Refer to ConsumptionProcess definition for any enumerations.

TransportInformation

TransportInformation is optional. A single instance might exist.

A grouping element for transport information.

NumberOfComplaintResponseLineItemDetail

NumberOfComplaintResponseLineItemDetail is optional. A single instance might exist.

The number of ComplaintResponseLineItemDetail elements for a given ComplaintResponseLineItem

(choice)

[choice] is optional because of choice construct.

ComplaintResponseSpecification

ComplaintResponseSpecification is optional because of choice construct.

A group item containing information necessary to identify the physical item.

ComplaintResponseLineItemDetail

ComplaintResponseLineItemDetail is optional because of choice construct.

A group item containing information necessary to identify the type of article being complained.

Quantity

Quantity is optional. A single instance might exist.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

ComplaintResponseLineNetChargeAmount

ComplaintResponseLineNetChargeAmount is optional. A single instance might exist.

The net ComplaintResponse amount per line (excludes adjustments and tax).

e-Attachment

e-Attachment is optional. A single instance might exist.

e-Attachment enables the sender to provide information about attachments to the document.

Note: BizTalk users may have problems in processing this element. See the papiNet FAQs (papiNet.org) for more information.

MailAttachment

MailAttachment is optional. Multiple instances might exist.

MailAttachment enables the complainer to indicate that they are providing by mail (express courier, snail mail etc.) proof of the Complaint.

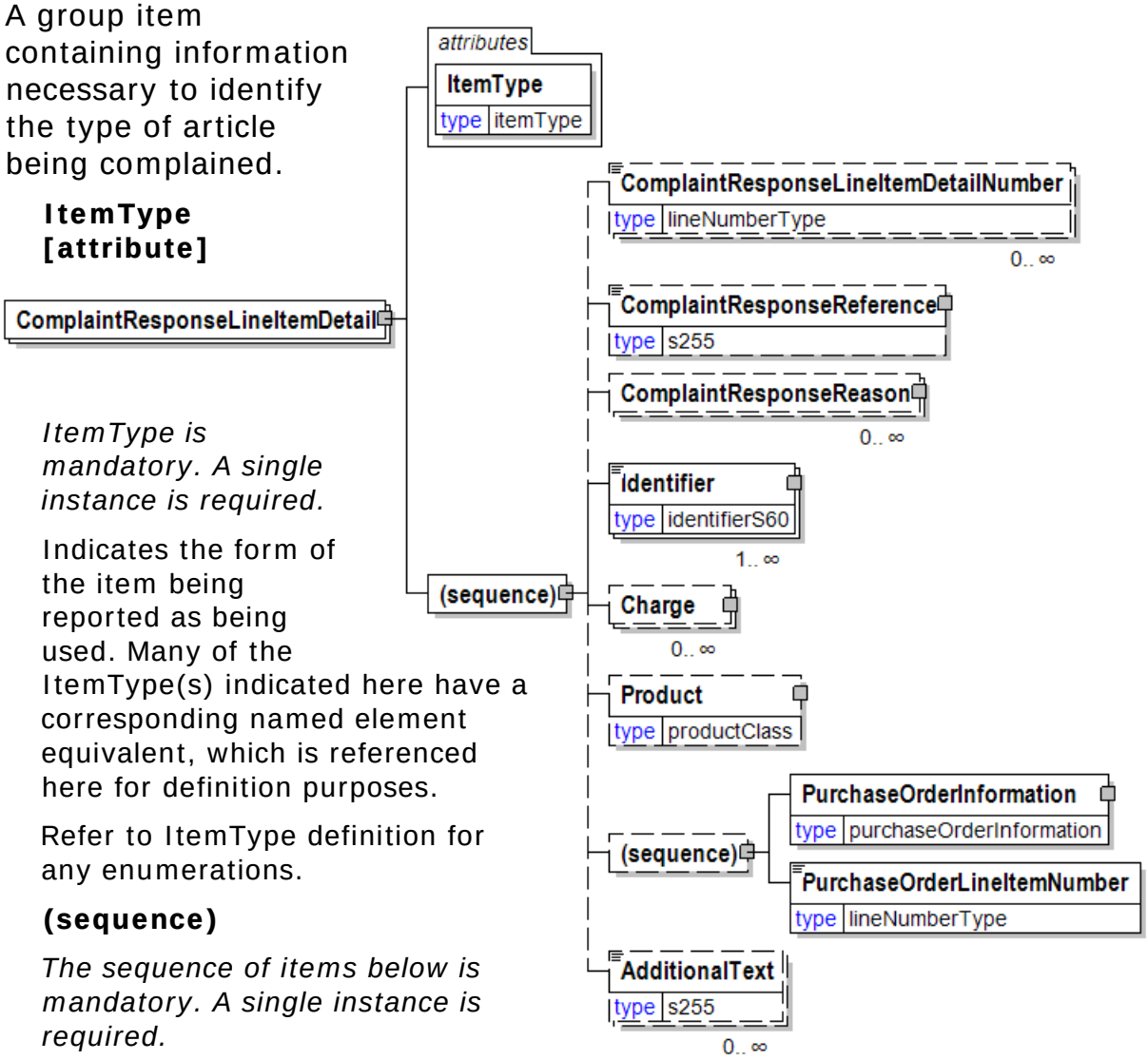
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

ComplaintResponseLineItemDetail

A group item containing information necessary to identify the type of article being complained.



ItemType [attribute]

ItemType is mandatory. A single instance is required.

Indicates the form of the item being reported as being used. Many of the ItemType(s) indicated here have a corresponding named element equivalent, which is referenced here for definition purposes.

Refer to ItemType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ComplaintResponseLineItemDetailNumber

ComplaintResponseLineItemDetailNumber is optional. Multiple instances might exist.

The sequential number of an item assigned by the party making the ComplaintResponse within line item detail.

ComplaintResponseReference

ComplaintResponseReference is optional. A single instance might exist.

A group item detailing relevant references pertaining to the ComplaintResponse

ComplaintResponseReason

ComplaintResponseReason is optional. Multiple instances might exist.

A group item containing the reason assessed by the supplier or sender parties for the ComplaintResponse

Identifier

Identifier is mandatory. One instance is required, multiple instances might exist.

An Identifier is required for packages and items (pallets, reel packages, boxes, ream items, reel items, etc). The Identifier element contains the actual item

identifier code. Identifier is repeatable so more than one identifier can be communicated. For example, the printed identifier on a label may be different from the barcode printed on the label.

Charge

Charge is optional. Multiple instances might exist.

Charge is a group element that contains elements that describe a charge.

Product

Product is optional. A single instance might exist.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

(sequence)

The sequence of items below is optional. A single instance might exist.

PurchaseOrderInformation

PurchaseOrderInformation is mandatory. A single instance is required.

A group item containing information unique to this PurchaseOrder, which is provided by the buyer. PurchaseOrderInformation can be optional in the supply chain. Invoices are created without having a PurchaseOrder in Vendor Managed Inventory. Freight invoices also will not have a PurchaseOrder number.

PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber is mandatory. A single instance is required.

The sequential number that uniquely identifies the PurchaseOrder line item.

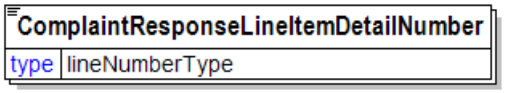
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

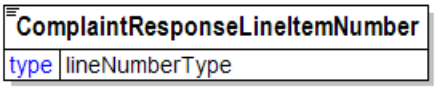
ComplaintResponseLineItemDetailNumber

The sequential number of an item assigned by the party making the ComplaintResponse within line item detail.



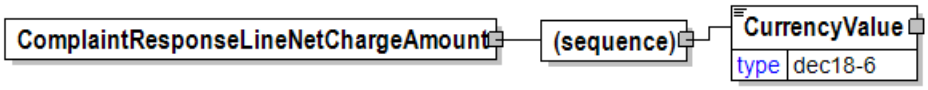
ComplaintResponseLineItemNumber

The number used to identify the ComplaintResponse line item



ComplaintResponseLineNetChargeAmount

The net ComplaintResponse amount per line (excludes adjustments and tax).



(sequence)

The sequence of items below is mandatory. A single instance is required.

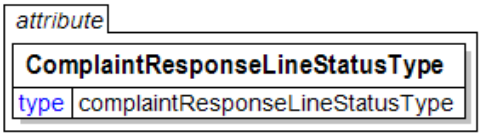
CurrencyValue

CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

ComplaintResponseLineStatusType [attribute]

The status of the ComplaintResponse line.



This item is restricted to the following list.

Accepted

The supplied information is accepted.

PartiallyAccepted

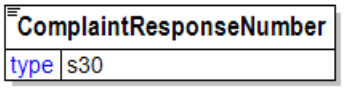
The supplied information is not completely accepted.

Rejected

The supplied information is rejected.

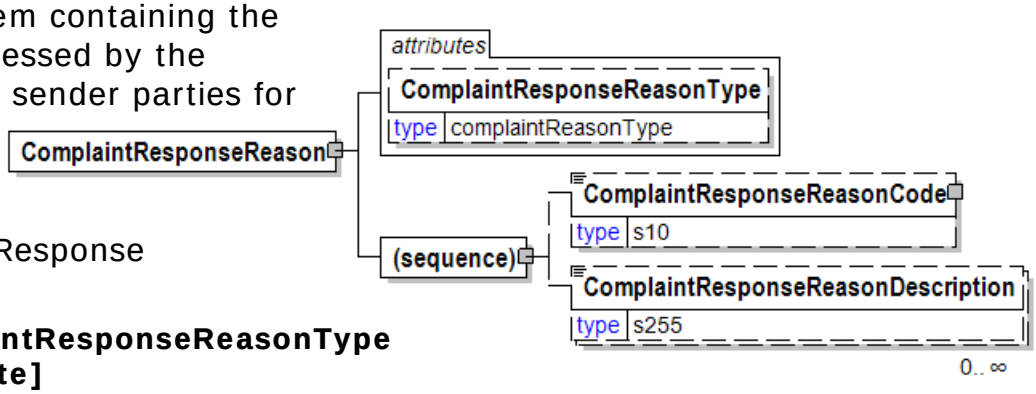
ComplaintResponseNumber

A unique identification number of the ComplaintResponse, generated by the issuer of the ComplaintResponse.



ComplaintResponseReason

A group item containing the reason assessed by the supplier or sender parties for the ComplaintResponse



ComplaintResponseReasonType [attribute]

ComplaintResponseReasonType is optional. A single instance might exist.

The type of complaint reason.

Refer to ComplaintResponseReasonType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ComplaintResponseReasonCode

ComplaintResponseReasonCode is optional. A single instance might exist.

The reason for the complaint in code form. Agency provides the context.

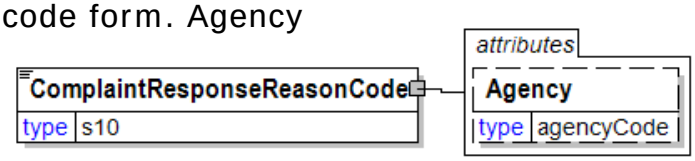
ComplaintResponseReasonDescription

ComplaintResponseReasonDescription is optional. Multiple instances might exist.

A text field element describing the reason for the ComplaintResponse

ComplaintResponseReasonCode

The reason for the complaint in code form. Agency provides the context.



Agency [attribute]

Agency is optional. A single instance might exist.

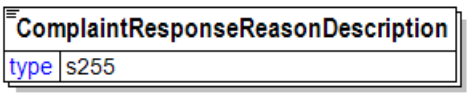
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

ComplaintResponseReasonDescription

A text field element describing the reason for the ComplaintResponse



ComplaintResponseReasonType [attribute]

The type of complaint reason.

This item is restricted to the following list.



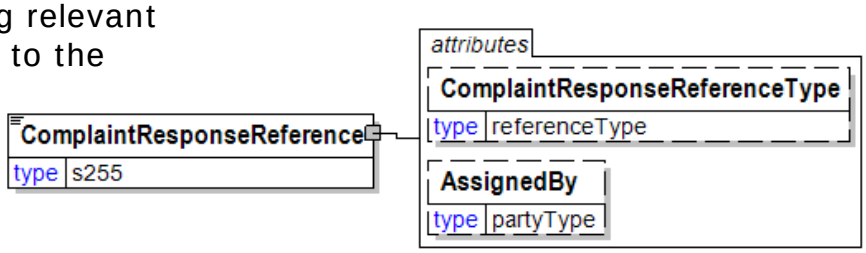
Commercial

Logistical

Technical

ComplaintResponseReference

A group item detailing relevant references pertaining to the



ComplaintResponse

ComplaintResponseReferenceType [attribute]

ComplaintResponseReferenceType is optional. A single instance might exist.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to ComplaintResponseReferenceType definition for any enumerations.

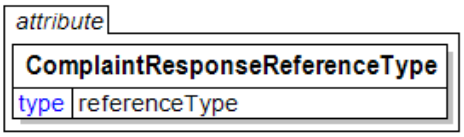
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations

ComplaintResponseReferenceType [attribute]



Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

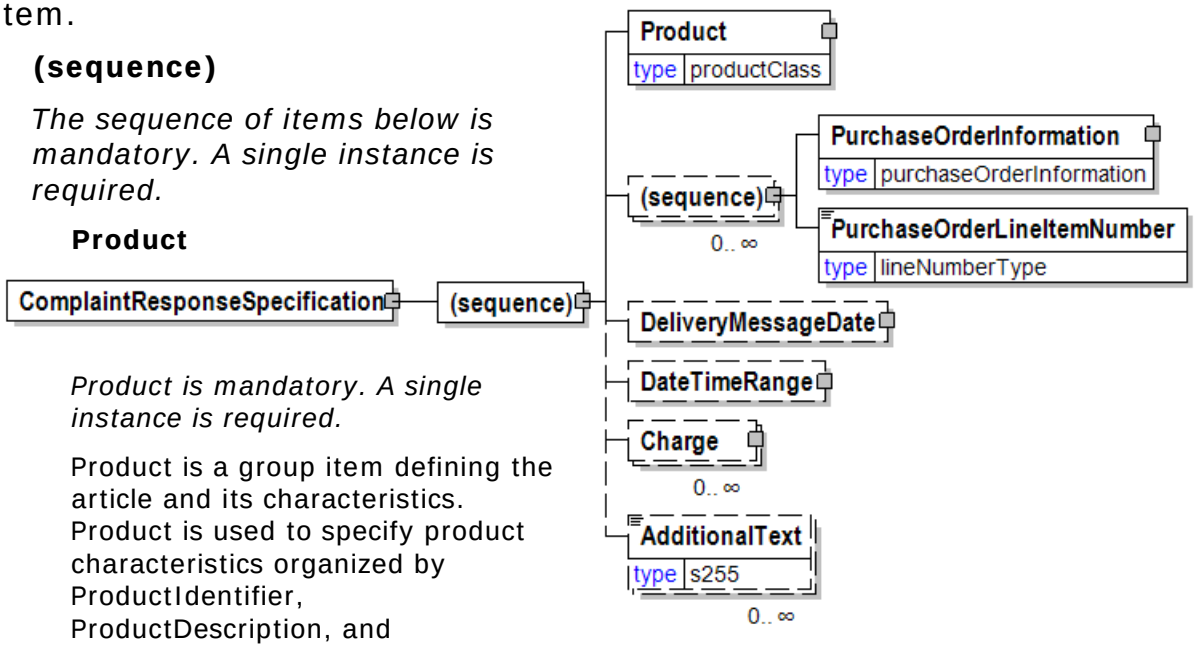
ComplaintResponseSpecification

A group item containing information necessary to identify the physical item.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Product



Product is mandatory. A single instance is required.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

(sequence)

The sequence of items below is optional. Multiple instances might exist.

PurchaseOrderInformation

PurchaseOrderInformation is mandatory. A single instance is required.

A group item containing information unique to this PurchaseOrder, which is provided by the buyer. PurchaseOrderInformation can be optional in the supply chain. Invoices are created without having a PurchaseOrder in Vendor Managed Inventory. Freight invoices also will not have a PurchaseOrder number.

PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber is mandatory. A single instance is required.

The sequential number that uniquely identifies the PurchaseOrder line item.

DeliveryMessageDate

DeliveryMessageDate is optional. A single instance might exist.

The Date and Time when the DeliveryMessage was issued.

DateTimeRange

DateTimeRange is optional. A single instance might exist.

Specifies a date and/or time range.

Charge

Charge is optional. Multiple instances might exist.

Charge is a group element that contains elements that describe a charge.

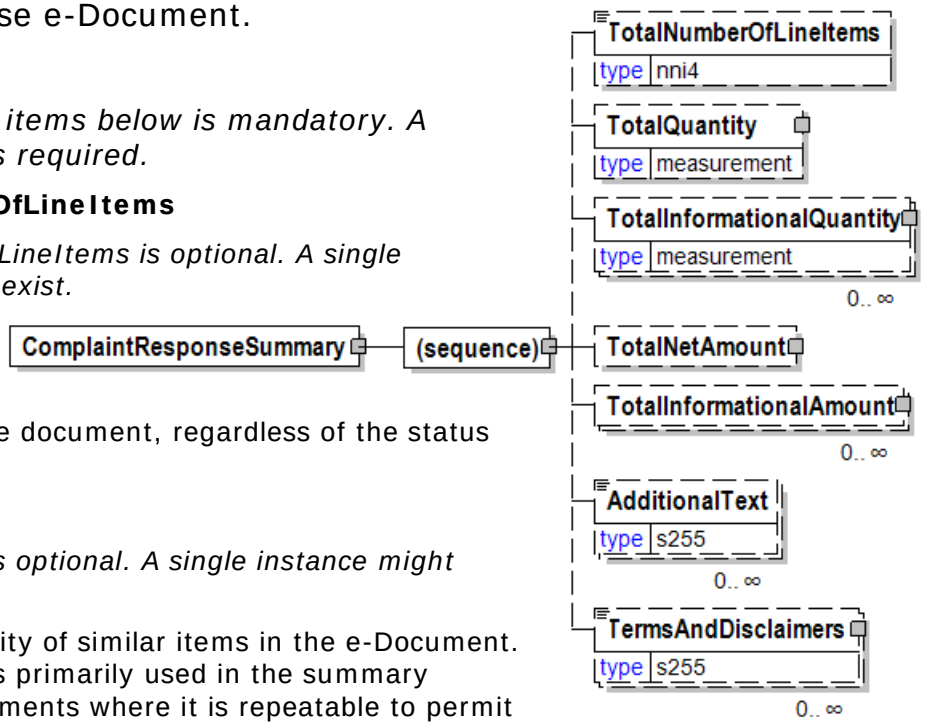
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

ComplaintResponseSummary

Summary information that applies to the entire ComplaintResponse e-Document.



(sequence)

The sequence of items below is mandatory. A single instance is required.

TotalNumberOfLineItems

TotalNumberOfLineItems is optional. A single instance might exist.

The total number of individual line items in the document, regardless of the status or type.

TotalQuantity

TotalQuantity is optional. A single instance might exist.

The total quantity of similar items in the e-Document. TotalQuantity is primarily used in the summary section of documents where it is repeatable to permit totaling for different units of measure.

TotalInformationalQuantity

TotalInformationalQuantity is optional. Multiple instances might exist.

A quantity that is used to communicate related information about the parent element. This element represents a total that is derived from individual line items.

TotalNetAmount

TotalNetAmount is optional. A single instance might exist.

A field containing total amount excluding tax. For example, in the Invoice TotalNetAmount is equal to the sum of LineItemSubTotal plus TotalAdjustments. TotalNetAmount encapsulates CurrencyValue.

TotalInformationalAmount

TotalInformationalAmount is optional. Multiple instances might exist.

A monetary amount used for information purposes only (not for calculation). For example, the invoice price adjustment subtotal is expressed in sterling pounds, and the buyer wants this information expressed in U.S. dollars.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

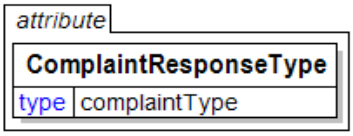
TermsAndDisclaimers

TermsAndDisclaimers is optional. Multiple instances might exist.

An element that contains legal information with an indication of what the Language is.

ComplaintResponseType [attribute]

Indicates if the e-Document represents a Complaint by the sender or Feedback from the sender.



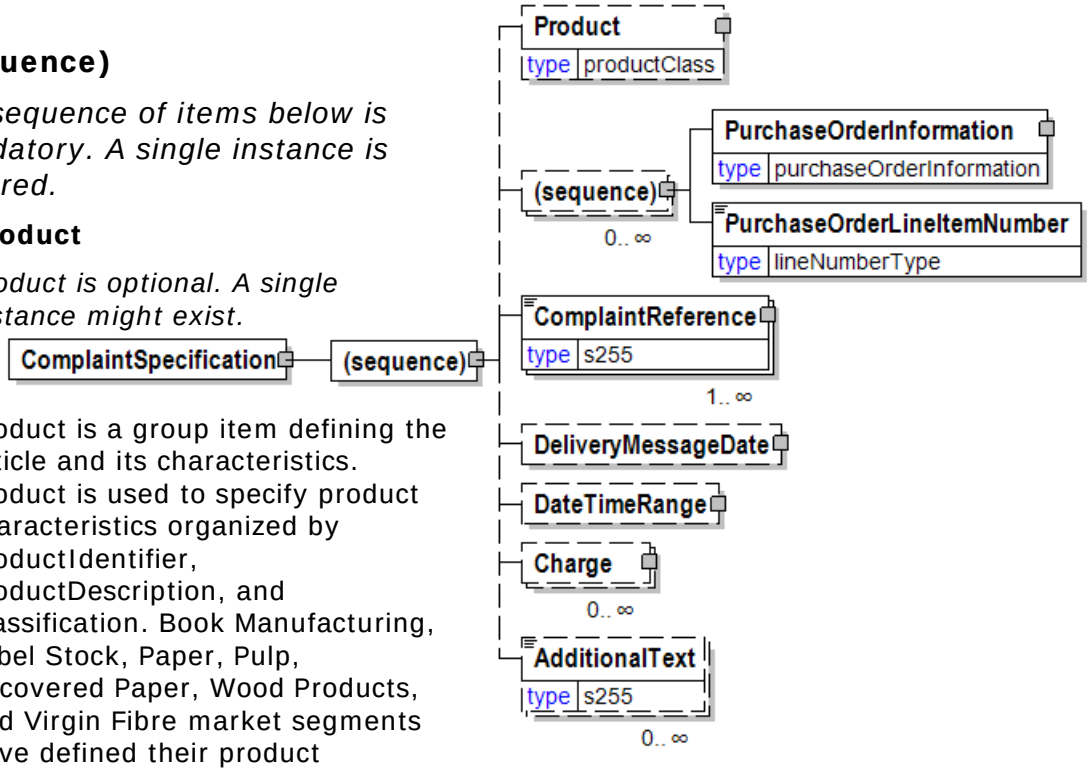
This item is restricted to the following list.

Claim

Feedback

ComplaintSpecification

A group item containing information necessary to identify the physical item



(sequence)

The sequence of items below is mandatory. A single instance is required.

Product

Product is optional. A single instance might exist.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

(sequence)

The sequence of items below is optional. Multiple instances might exist.

PurchaseOrderInformation

PurchaseOrderInformation is mandatory. A single instance is required.

A group item containing information unique to this PurchaseOrder, which is provided by the buyer. PurchaseOrderInformation can be optional in the supply chain. Invoices are created without having a PurchaseOrder in Vendor Managed Inventory. Freight invoices also will not have a PurchaseOrder number.

PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber is mandatory. A single instance is required.

The sequential number that uniquely identifies the PurchaseOrder line item.

ComplaintReference

ComplaintReference is mandatory. One instance is required, multiple instances might exist.

A group item detailing relevant references pertaining to the Complaint. ComplaintReference contains the attribute ComplaintReferenceType.

DeliveryMessageDate

DeliveryMessageDate is optional. A single instance might exist.

The Date and Time when the DeliveryMessage was issued.

DateTimeRange

DateTimeRange is optional. A single instance might exist.

Specifies a date and/or time range.

Charge

Charge is optional. Multiple instances might exist.

Charge is a group element that contains elements that describe a charge.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

ComplaintSummary

Summary information that applies to the entire complaint e-Document.

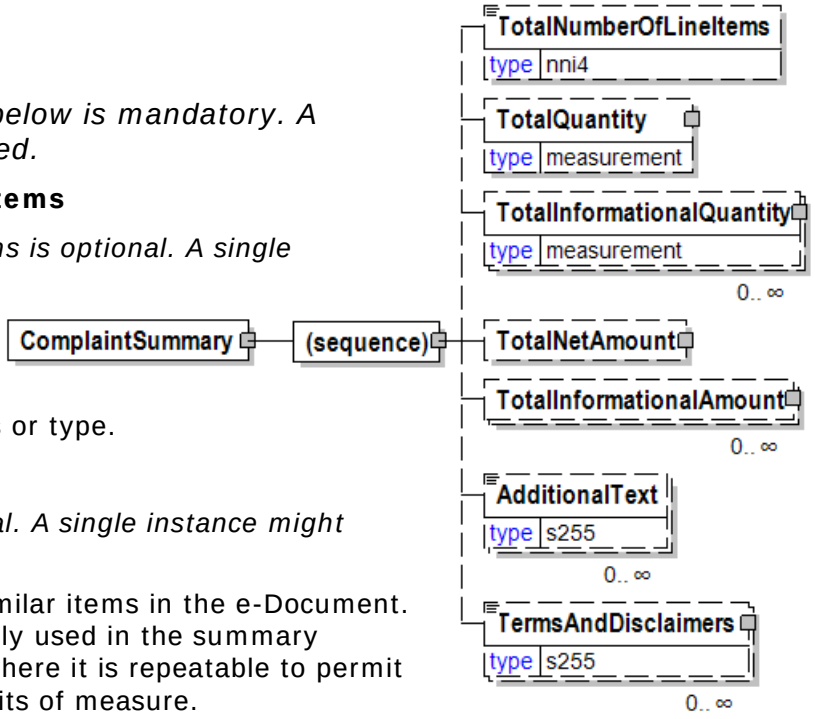
(sequence)

The sequence of items below is mandatory. A single instance is required.

TotalNumberOfLineItems

TotalNumberOfLineItems is optional. A single instance might exist.

The total number of individual line items in the document, regardless of the status or type.



TotalQuantity

TotalQuantity is optional. A single instance might exist.

The total quantity of similar items in the e-Document. TotalQuantity is primarily used in the summary section of documents where it is repeatable to permit totaling for different units of measure.

TotalInformationalQuantity

TotalInformationalQuantity is optional. Multiple instances might exist.

A quantity that is used to communicate related information about the parent element. This element represents a total that is derived from individual line items.

TotalNetAmount

TotalNetAmount is optional. A single instance might exist.

A field containing total amount excluding tax. For example, in the Invoice TotalNetAmount is equal to the sum of LineItemSubTotal plus TotalAdjustments. TotalNetAmount encapsulates CurrencyValue.

TotalInformationalAmount

TotalInformationalAmount is optional. Multiple instances might exist.

A monetary amount used for information purposes only (not for calculation). For example, the invoice price adjustment subtotal is expressed in sterling pounds, and the buyer wants this information expressed in U.S. dollars.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

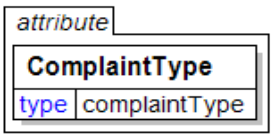
TermsAndDisclaimers

TermsAndDisclaimers is optional. Multiple instances might exist.

An element that contains legal information with an indication of what the Language is.

ComplaintType [attribute]

Indicates if the e-Document represents a Complaint by the sender or Feedback from the sender.



This item is restricted to the following list.

Claim

A “Claim” type is used when there is a customer reaction that includes a financial compensation.

Feedback

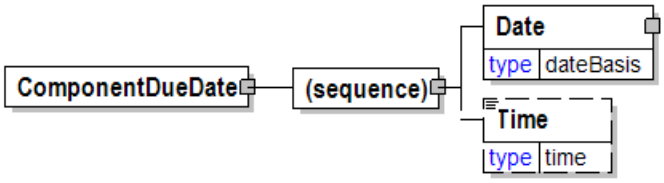
A “Feedback” type is used when there is a customer reaction that doesn’t include any financial compensation.

ComponentDueDate

Date supplied component is expected to arrive

(sequence)

The sequence of items below is mandatory. A single instance is required.



Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

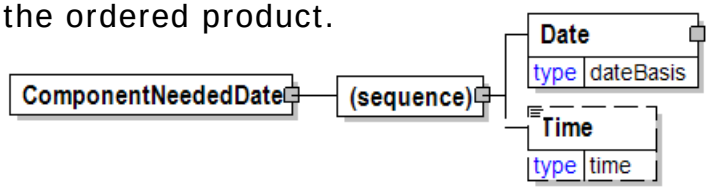
Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized "local" time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use "Z" when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

ComponentNeededDate

Date the supplied component is needed by the vendor in order to make the due date of the ordered product.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized "local" time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

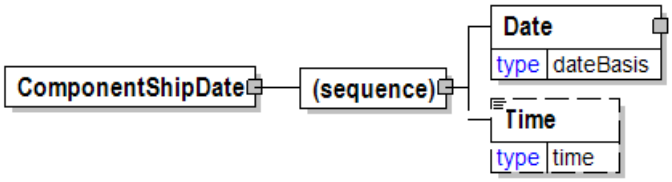
- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use "Z" when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

ComponentShipDate

Date supplied component is expected to ship

(sequence)

The sequence of items below is mandatory. A single instance is required.



Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

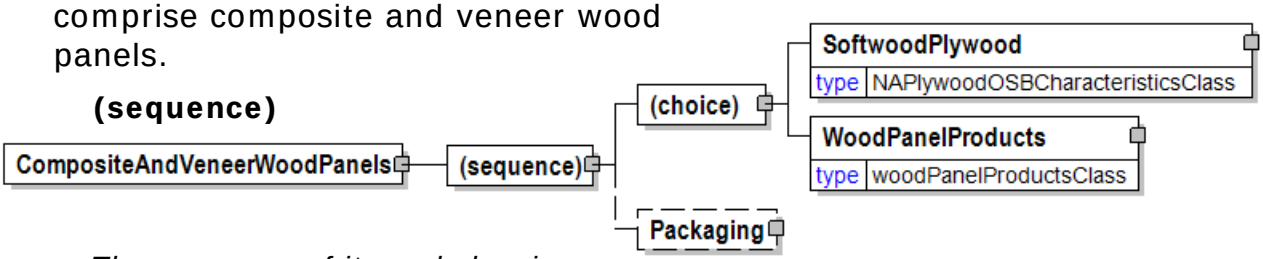
hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

CompositeAndVeneerWoodPanels

A grouping element that contains the timbler/lumber products that comprise composite and veneer wood panels.

(sequence)



The sequence of items below is mandatory. A single instance is required.

(choice)

[choice] is optional because of choice construct.

SoftwoodPlywood

SoftwoodPlywood is optional because of choice construct.

Characteristics of wood panelling products.

WoodPanelProducts

WoodPanelProducts is optional because of choice construct.

Characteristics of wood panelling products.

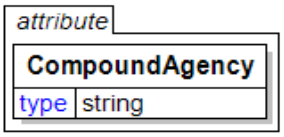
Packaging

Packaging is optional. A single instance might exist.

Type of a package that includes individual products.

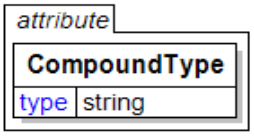
CompoundAgency [attribute]

The agency responsible for the compound coding.
Defines the trade name of the treatment.



CompoundType [attribute]

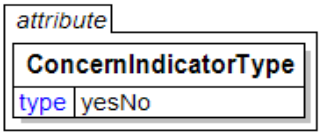
Defines the type of chemical treatment used.



ConcernIndicatorType [attribute]

Either "Yes" or "No".

This item is restricted to the following list.



Yes

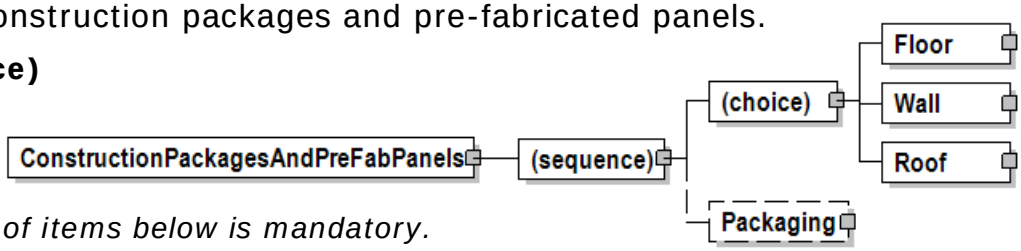
No

ConstructionPackagesAndPreFabPanels

A grouping element that contains the timber/lumber products that comprise construction packages and pre-fabricated panels.

(sequence)

The



sequence of items below is mandatory.
A single instance is required.

(choice)

[choice] is optional because of choice construct.

Floor

Floor is optional because of choice construct.

Defines parts and complete flooring systems.

Wall

Wall is optional because of choice construct.

Defines parts and complete wall systems.

Roof

Roof is optional because of choice construct.

Defines parts and complete roofing systems.

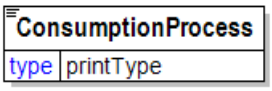
Packaging

Packaging is optional. A single instance might exist.

Type of a package that includes individual products.

ConsumptionProcess

Identifies the process relevant to the situation being described.



This item is restricted to the following list.

ColdsetOffset

An offset printing method suitable for newspapers, in other words, ink dries by penetration into the paper.

ContinuousForms

An offset printing method, generally without a hot drying section and suitable for reels.

Digital

An electrostatic printing method, typically a large black-and-white or multicolour printer/copier.

Flexography

A special printing method, which is a follow-up of letter print with advanced print cylinder surface. Suitable for sheets.

FoilPrint

A special printing/finishing method suitable for foils through embossed print plate/cylinder; flat/flat, or circle/flat (form to sheet).

Forms

An offset printing method, generally without a hot drying section and suitable for sheets.

Gravure

A standard printing method with embossed print cylinders. Suitable for sheets.

HeatsetOffset

An offset printing method.

InkJet

An inkjet printing method, typically a large black-and-white or multicolour printer.

InstantOffset

A standard flat printing method (for example, wet offset, or waterless offset) suitable for small print orders and small sheet sizes (for example, max. DIN A3).

Laser

A laser-based printing method, typically a large black-and-white or multicolour printer/copier.

Letterpress

A special printing method suitable for books or newspapers (old style) with advanced letters. Suitable for sheets.

LightPrint

- A printing method similar to a facsimile print, a photo-like print with a specific prepared cylinder surface on photo basis or an artificial print.

MiniWeb

A digital printing method suitable for reels less than 20 inch wide.

RotoFlexography

RotoGravure

RotoLetterpress

RotoSilkScreen

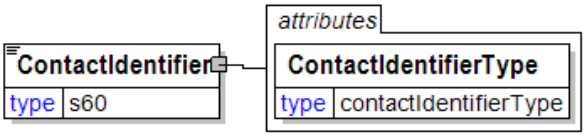
SheetfedOffset

SilkScreen

WebOffset

ContactIdentifier

The identifier for the contact.



ContactIdentifierType [attribute]

ContactIdentifierType is mandatory.
A single instance is required.

Indicates which particular identifier is being communicated.

Refer to ContactIdentifierType definition for any enumerations.

ContactIdentifierType [attribute]

Indicates which particular identifier is being communicated.



This item is restricted to the following list.

DriverLicenseID

The identifier for a driving licence.

PassportID

The identifier for a passport.

PersonalID

The identifier for a human being.

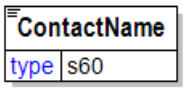
Other

PasportID

To be deprecated. Use PassportID. This enumeration had a spelling error.

ContactName

The name of the individual associated with the ContactType.



ContactType [attribute]

Identifies the role of the contact within the party.



This item is restricted to the following list.

AccountManager

The person who manages the account for the seller or service provider.

Carrier

This contact person identified in the transaction works for a carrier.

CrossDock

This contact person identified in the transaction works at a cross-docking terminal/warehouse.

CustomerService

This contact person identified in the transaction works for the customer service department of the supplying company.

ForestForwarder

The contact responsible for transporting forest wood products from logging areas to roadside landings.

ForestHarvester

The contact responsible for harvesting of forest wood products.

Forwarder

The contact for freight forwarding.

HelpDesk

The contact within the trading partner arrangement who services information related requests.

Measurer

The contact that is doing the measurements.

Merchant

This contact person identified in the transaction works for a merchant.

Mill

The paper or pulp mill involved in the transaction.

OriginalSupplier

The contact for the first supplier in a supply chain.

Plant

This contact person identified in the transaction works at the plant.

Purchaser

This contact person identified in the transaction works for the entity that is requesting the product.

RemitTo

This contact person identified in the transaction works for the entity to which payment is to be made.

SalesOffice

This contact person identified in the transaction works for a sales office.

Supervisor

A contact that direct or oversee performance or operation.

Supplier

The contact for the organisation or business entity responsible for providing the product.

TransportPlanner

The person responsible for planning the transports.

TransportVehicle

Contact information for the transport vehicle involved in the transaction.

Warehouse

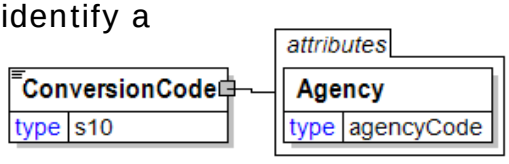
This contact person identified in the transaction works at a warehouse.

Other

This contact person identified in the transaction works for someone other than the entity types defined in the attribute list.

ConversionCode

A code, as assigned by an Agency, used to identify a group of conversion characteristics.



Agency [attribute]

Agency is mandatory. A single instance is required.

Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

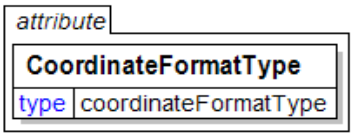
Refer to Agency definition for any enumerations.

CoordinateDisplayOrder [attribute]



A sequential number that controls the order for how multiple coordinates are processed and displayed on maps by map applications, e.g. for a MapPoint of type LinePoint how coordinates are connected together to form a line on a map. Coordinates are processed and displayed in consecutive order if CoordinateDisplayOrder is not given.

CoordinateFormatType [attribute]



CoordinateFormatType defines the format of the string containing the co-ordinates.

This item is restricted to the following list.

Degrees

Latitude and longitude given in decimal degrees according to ISO Standard 6709. Format: ±DD.DDDD±DDD.DDDD where

±DD = three-digit integer degrees part of latitude (through -90 ~ -00 ~ +90)

±DDD = four-digit integer degrees part of longitude (through -180 ~ -000 ~ +180)

.DDDD = variable-length fraction part in degrees

Latitude comes before longitude. North latitude is positive and south latitude is negative. East longitude is positive and west longitude is negative. Plus and minus signs in the format must be supplied. The integer part is a fixed length respectively. Padding character is "0".

For example <Coordinates CoordinateFormatType= "Degrees">+60.062893+018.595290</Coordinates>

More info at http://www.iso.org/iso/home/store/catalogue_tc/catalogue_detail.htm?csnumber=39242

DegreesMinutes

Latitude and Longitude given in degrees and decimal minutes according to ISO Standard 6709. Format: ±DDMM.MMMM±DDDMM.MMMM where

±DD = three-digit integer degrees part of latitude (through -90 ~ -00 ~ +90)

±DDD = four-digit integer degrees part of longitude (through -180 ~ -000 ~ +180)

MM = two-digit integer minutes part (00 through 59)

.MMMM = variable-length fraction part in minutes

Latitude comes before longitude. North latitude is positive and south latitude is negative. East longitude is positive and west longitude is negative. Plus and

minus signs in the format must be supplied. The integer part is a fixed length respectively. Padding character is "0".

For example <Coordinates CoordinateFormatType= "DegreesMinutes">+6003.77358+01835.7174</Coordinates>

More info at http://www.iso.org/iso/home/store/catalogue_tc/catalogue_detail.htm?csnumber=39242

DegreesMinutesSeconds

Latitude and Longitude given in degrees, minutes and decimal seconds

according to ISO Standard 6709.

Format: ±DDMMSS.SSSS±DDDMMSS.SSSS where

±DD = three-digit integer degrees part of latitude (through -90 ~ -00 ~ +90)

±DDD = four-digit integer degrees part of longitude (through -180 ~ -000 ~ +180)

MM = two-digit integer minutes part (00 through 59)

SS = two-digit integer seconds part (00 through 59)

.SSSS = variable-length fraction part in seconds

Latitude comes before longitude. North latitude is positive and south latitude is negative. East longitude is positive and west longitude is negative. Plus and minus signs in the format must be supplied. The integer part is a fixed length respectively. Padding character is "0".

For example <Coordinates CoordinateFormatType= "DegreesMinutesSeconds">+600346.4148+0183543.0440"</Coordinates>

More info at http://www.iso.org/iso/home/store/catalogue_tc/catalogue_detail.htm?csnumber=39242

XY

X- and Y- co-ordinate separated by the space-character.

ZoneXY

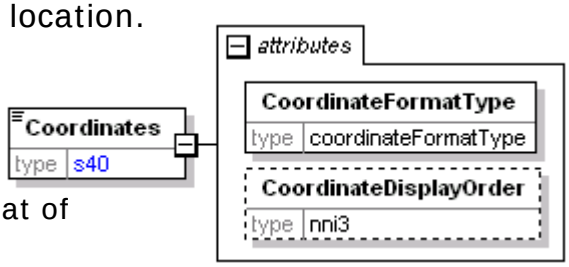
Zone, X- and Y- co-ordinate separated by space-characters.

Coordinates

Contains the position co-ordinates of a location.

CoordinateFormatType [attribute]

CoordinateFormatType is mandatory.
A single instance is required.



CoordinateFormatType defines the format of the string containing the co-ordinates.

Refer to CoordinateFormatType definition for any enumerations.

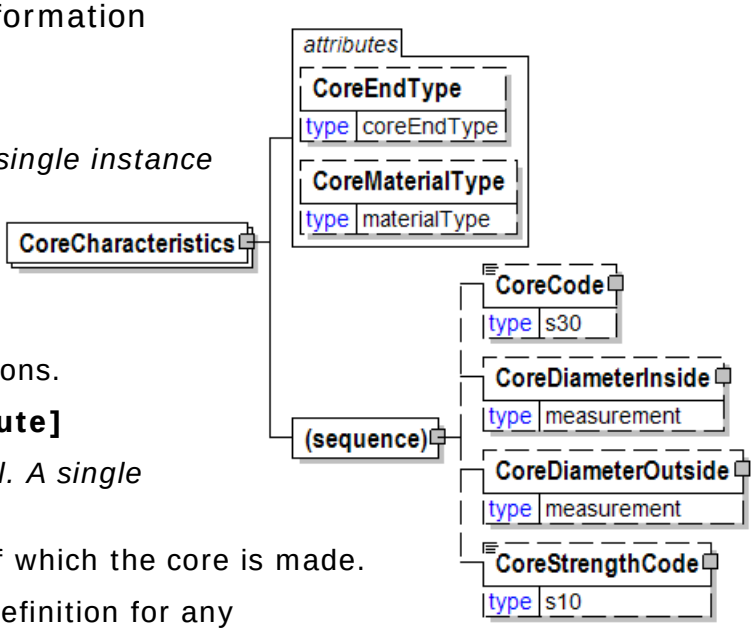
CoordinateDisplayOrder

CoordinateDisplayOrderis optional. A single instance might exist.

A sequential number that controls the order for how multiple coordinates are processed and displayed on maps by map applications, e.g. for a MapPoint of type LinePoint how coordinates are connected together to form a line on a map. Coordinates are processed and displayed in consecutive order if CoordinateDisplayOrder is not given.

CoreCharacteristics

A group item that details information used to fully define a core.



CoreEndType [attribute]

CoreEndType is optional. A single instance might exist.

Describes how the core ends are made.

Refer to CoreEndType definition for any enumerations.

CoreMaterialType [attribute]

CoreMaterialType is optional. A single instance might exist.

Specifies the material out of which the core is made.

Refer to CoreMaterialType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

CoreCode

CoreCode is optional. A single instance might exist.

A code defining details for a core

CoreDiameterInside

CoreDiameterInside is optional. A single instance might exist.

The diameter of the core's inner circle.

CoreDiameterOutside

CoreDiameterOutside is optional. A single instance might exist.

The diameter of the core's outer circle.

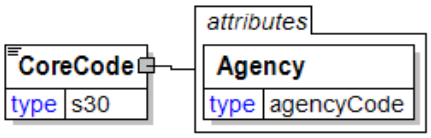
CoreStrengthCode

CoreStrengthCode is optional. A single instance might exist.

CoreStrengthCode is a composite of critical speed, flexural and crush strength of a fibre core, as defined by the indicated Agency.

CoreCode

A code defining details for a core



Agency [attribute]

Agency is mandatory. A single instance is required.

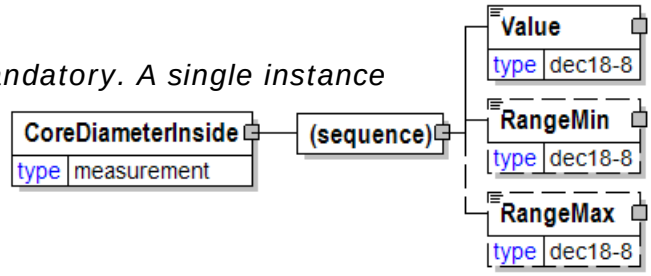
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

CoreDiameterInside

The diameter of the core's inner circle.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

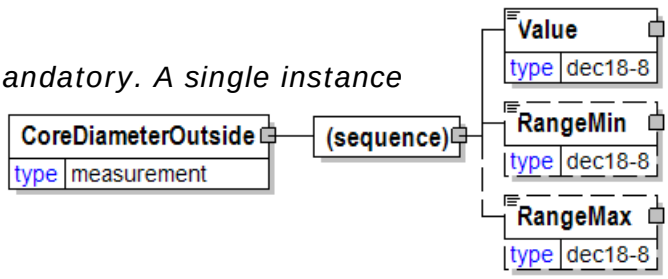
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

CoreDiameterOutside

The diameter of the core's outer circle.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

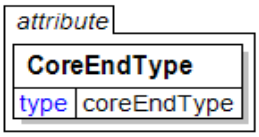
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

CoreEndType [attribute]

Describes how the core ends are made.



This item is restricted to the following list.

Adaptor

The Adaptor type is where the end type is adaptable to a 6 inch or 3 inch core diameter. (Spelling validated with core manufacturers.)

Bevelled

The core end is beveled. A grinding wheel has been used to grind down the inside of the core right at the end to enable an easier mounting of the core onto the shaft or the chucks. This is also called a beveled end cut. (Improper spelling noted but will be retained as enumeration choice for backward compatability.)

Bridge

The core end has a notch that is cut on the inside of the core that is tapered and does not go through the core to edge; this is done so the core can be grasped by a particular type of core chuck on a reel arm on a press. Similar to a tapered core.

HalfMetal

The core is half metal.

Notched

The core end has a notch. Notch can be used to drive the core by the press operator or by manufacturing.

NotchedFullMetal

The core end has a notch. Core end is reinforced with metal cap.

Plain

The core end is smooth, not notched.

PlainFullMetal

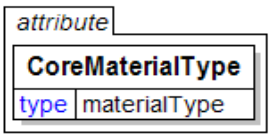
The core end has no notch; end is reinforced with a metal tip.

Tapered

The core end is tapered.

CoreMaterialType [attribute]

Specifies the material out of which the core is made.



This item is restricted to the following list.

Aluminium

The reel core is made of aluminium.

Composite

The reel core is made up of a composite of materials, not entirely of fibre content.

Fibre

The reel core is made of fibre.

Iron

The reel core is made of iron.

Paper

The reel core is made of paper.

Plastic

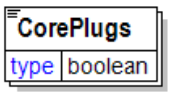
The reel core is made of plastic.

Steel

The reel core is made of steel.

CorePlugs

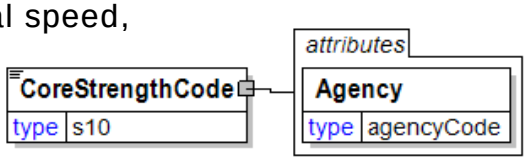
An element that indicates if plugs are to be inserted into the ends of the core. Core plugs can be made of various materials and are used to protect the core ends.



Note: A conversion error took place between Version 1.0 of papiNet and Version 2.0 of papiNet and this item was inadvertantly converted from true/false (1.0) to nni1 (2.0). this item has been reinstated to a boolean value. However, please note that for reasons of backward compatibility it is highly recommended that you use the 1/0 approach to communicating true or false where 1 = true and 0 = false. Our apologies for any issues.

CoreStrengthCode

CoreStrengthCode is a composite of critical speed, flexural and crush strength of a fibre core, as defined by the indicated Agency.



Agency [attribute]

Agency is mandatory. A single instance is required.

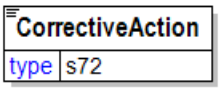
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

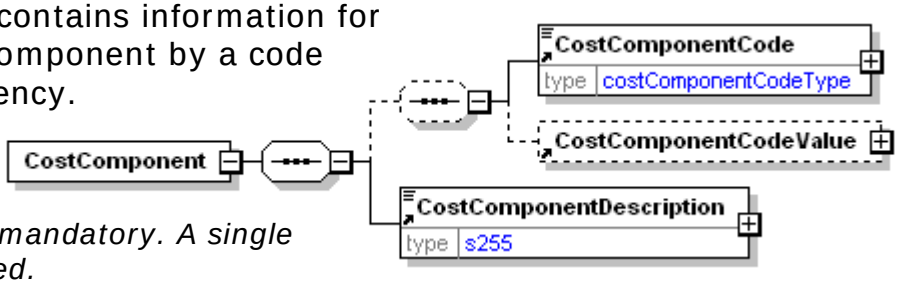
CorrectiveAction

This element enables the party issuing the ComplaintResponse (i.e. SupplierParty) to specify what is the corrective action they will take in order to close the Complaint (send a credit, send disposition instructions, etc.)



CostComponent

A group item that contains information for specifying a cost component by a code assigned by an agency.



(sequence)

The sequence of items below is mandatory. A single instance is required.

(sequence)

The sequence of items below is optional. A single instance might exist.

CostComponentCode

CostComponentCode is mandatory. A single instance is required.

An element that communicates a code for the cost component.

For specification of logistics services it is recommended to use UN/ECE as the agency for the cost component code. Currently UN/ECE codes are freight cost codes established according to the UN Freight Cost Code Recommendation N°. 23, which can be found at www.unece.org/cefact/recommendations/rec_index.htm. The current version (at the time of this publication) can be found at www.unece.org/cefact/recommendations/rec23fcc_rev1_030623.pdf.

It is anticipated that additional UN/ECE cost component codes will be added as they become available.

CostComponentCodeValue

CostComponentCodeValue is optional. A single instance might exist.

A grouping element specifying a value belonging to a cost component code.

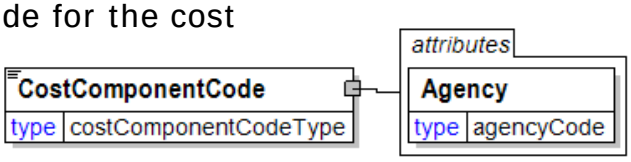
CostComponentDescription

CostComponentDescription is mandatory. A single instance is required.

The description of the cost component.

CostComponentCode

An element that communicates a code for the cost component.



For specification of logistics services it is recommended to use UN/ECE as the agency for the cost component code. Currently UN/ECE codes are freight cost codes established according to the UN Freight Cost Code Recommendation N°. 23, which can be found at www.unece.org/cefact/recommendations/rec_index.htm. The current version (at the time of this publication) can be found at www.unece.org/cefact/recommendations/rec23fcc_rev1_030623.pdf.

It is anticipated that additional UN/ECE cost component codes will be added as they become available.

Agency [attribute]

Agency is mandatory. A single instance is required.

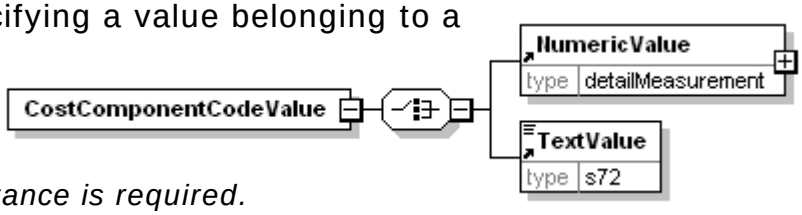
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

CostComponentCodeValue

A grouping element specifying a value belonging to a cost component code.



(choice)

[choice] is mandatory. A single instance is required.

NumericValue

NumericValue is optional because of choice construct.

A grouping element for a numeric value and its statistical measures.

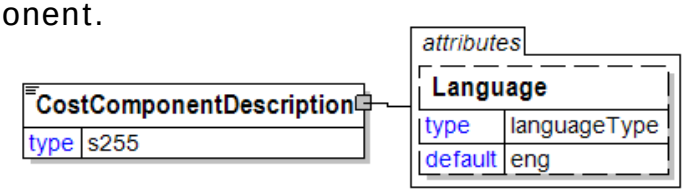
TextValue

TextValue is optional because of choice construct.

A value in text format.

CostComponentDescription

The description of the cost component.



Language [attribute]

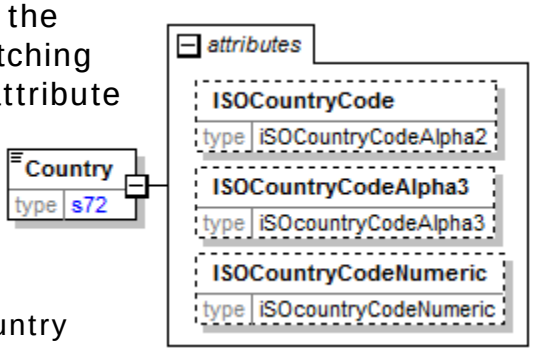
Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

Country

The name of the country associated with the address elements. To ensure reliable matching of addresses, it is suggested to use the attribute ISOCountryCode as well.



ISOCountryCode [attribute]

ISOCountryCode is optional. A single instance might exist.

The valid Alpha 2-character list of ISO Country Codes.

Refer to ISOCountryCode definition for any enumerations.

ISOCountryCodeAlfa3 [attribute]

ISOCountryCodeAlfa3 is optional. A single instance might exist.

The valid Alpha 3-character list of ISO Country Codes.

Refer to ISOCountryCodeAlfa3 definition for any enumerations.

ISOCountryCodeNumeric [attribute]

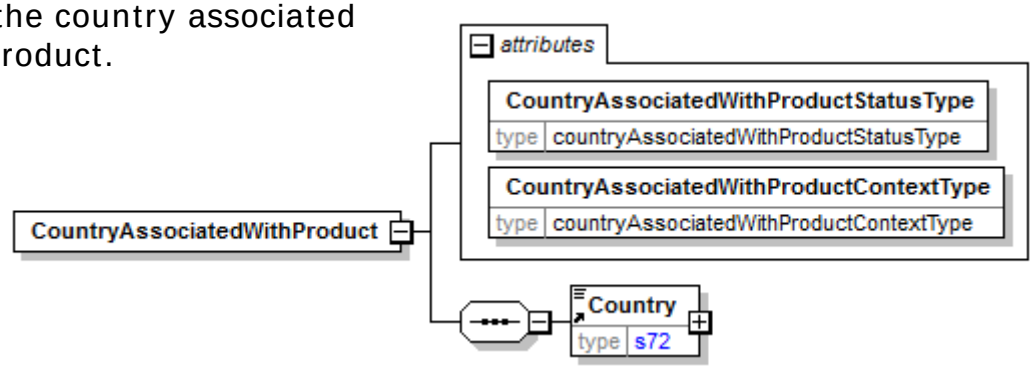
ISOCountryCodeNumeric is optional. A single instance might exist.

The valid Numeric 3-digit list of ISO Country Codes.

Refer to ISOCountryCodeNumeric definition for any enumerations.

CountryAssociatedWithProduct

Specifies the country associated with the product.



CountryAssociatedWithProductStatusType [attribute]

CountryAssociatedWithProductStatusType is mandatory. A single instance is required.

Specifies the status type of the country associated with the product.

Refer to CountryAssociatedWithProductStatusType definition for any enumerations.

CountryAssociatedWithProductContextType [attribute]

CountryAssociatedWithProductContextType is mandatory. A single instance is required.

Specifies in what context the country is associated with the product.

Refer to CountryAssociatedWithProductContextType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Country

Country is mandatory. A single instance is required.

The name of the country associated with the address elements. To ensure reliable matching of addresses, it is suggested to use the attribute ISOCountryCode as well.

CountryAssociatedWithProductContextType [attribute]

Specifies in what context the country is associated with the product.



This item is restricted to the following list.

Distribution

Country in which the product is distributed.

Manufacture

Country in which the product is manufactured. Manufacture is the process of procuring raw materials from outside to make the final product process; conversion of raw materials into finished product by using various processes, machines and energy.

Production

Country in which the product is produced. Production is the process of converting inputs into outputs through various operations without procuring raw materials from the outside.

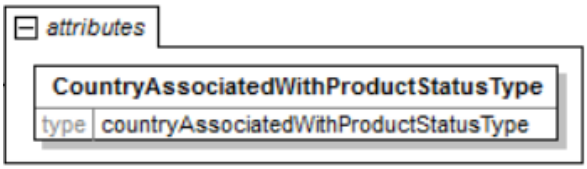
Publication

Country in which the product is published.

CountryAssociatedWithProductStatusType [attribute]

Specifies the status type of the country associated with the product.

This item is restricted to the following list.



CurrentCountry:

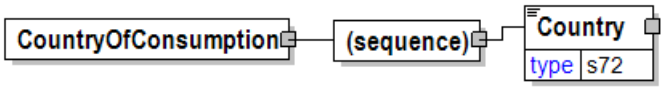
Country in which the product is being produced, published, manufactured or distributed.

OriginalCountry:

Country in which the product was originally produced, published, manufactured or distributed.

CountryOfConsumption

The country of consumption for the material.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Country

Country is mandatory. A single instance is required.

The name of the country associated with the address elements. To ensure reliable matching of addresses, it is suggested to use the attribute ISOCountryCode as well.

CountryOfDestination

The country where the goods will be, or were, shipped to.



(sequence)

The sequence of items below is mandatory. A single instance is required.

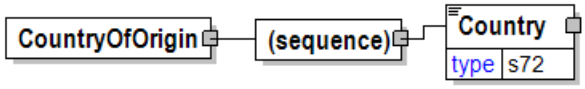
Country

Country is mandatory. A single instance is required.

The name of the country associated with the address elements. To ensure reliable matching of addresses, it is suggested to use the attribute ISOCountryCode as well.

CountryOfOrigin

The country of origin for the material.



(sequence)

The sequence of items below is mandatory. A single instance is required.

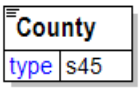
Country

Country is mandatory. A single instance is required.

The name of the country associated with the address elements. To ensure reliable matching of addresses, it is suggested to use the attribute ISOCountryCode as well.

County

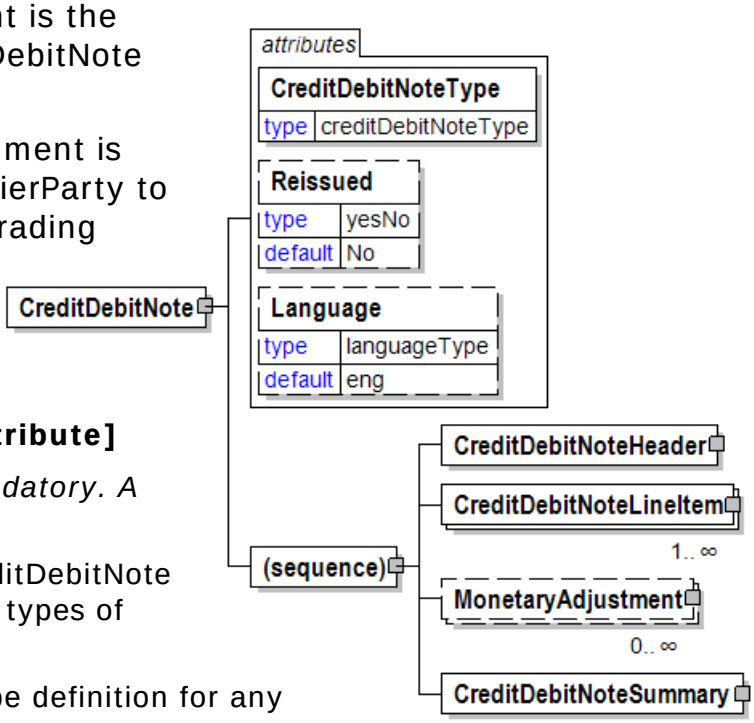
The name of the county that the address is in.



CreditDebitNote

The CreditDebitNote element is the root element for the CreditDebitNote e-Document.

The CreditDebitNote e-Document is generally used by the SupplierParty to compensate or charge the trading parties (ShipToParty, BuyerParty, OtherParty, etc.) for matters outside the scope of the Invoice.



CreditDebitNoteType [attribute]

CreditDebitNoteType is mandatory. A single instance is required.

Defines the type of the CreditDebitNote e-Document. There are two types of CreditDebitNote Messages:

Refer to CreditDebitNoteType definition for any enumerations.

Reissued [attribute]

Reissued is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Reissued definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

CreditDebitNoteHeader

CreditDebitNoteHeader is mandatory. A single instance is required.

The CreditDebitNoteHeader contains information common to the CreditDebitNote

CreditDebitNoteLineItem

CreditDebitNoteLineItem is mandatory. One instance is required, multiple instances might exist.

CreditDebitLineItem contains the information about the Credit or Debit being issued.

MonetaryAdjustment

MonetaryAdjustment is optional. Multiple instances might exist.

The element containing the information necessary for the understanding, calculation, and treatment of an adjustment to a currency amount. MonetaryAdjustment contains an attribute that indicates they type of adjustment being communicated.

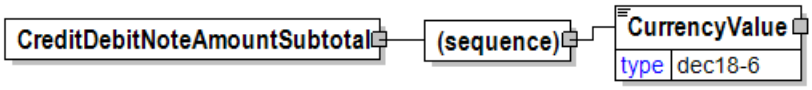
CreditDebitNoteSummary

CreditDebitNoteSummary is mandatory. A single instance is required.

Contains summary information that applies to the entire e-Document.

CreditDebitNoteAmountSubtotal

A field that contains the result of the calculation Quantity at the



CreditDebitNoteLineItem level times the PricePerUnit.

(sequence)

The sequence of items below is mandatory. A single instance is required.

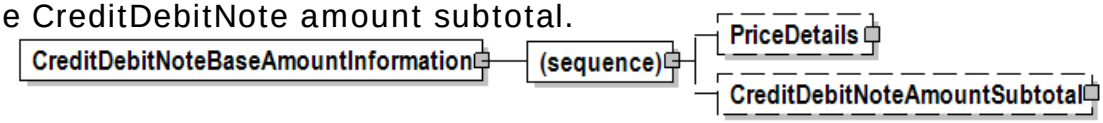
CurrencyValue

CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

CreditDebitNoteBaseAmountInformation

A group item containing the price per unit and the CreditDebitNote amount subtotal.



(sequence)

The sequence of items below is mandatory. A single instance is required.

PriceDetails

PriceDetails is optional. A single instance might exist.

An element that groups together price information.

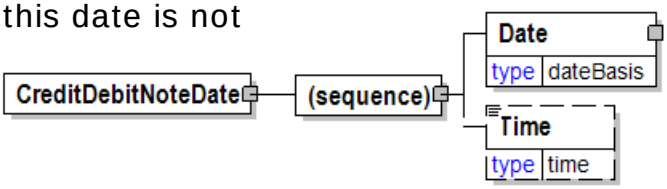
CreditDebitNoteAmountSubtotal

CreditDebitNoteAmountSubtotal is optional. A single instance might exist.

A field that contains the result of the calculation Quantity at the CreditDebitNoteLineItem level times the PricePerUnit.

CreditDebitNoteDate

The issue date of the CreditDebitNote. This date often drives payment terms. Note that this date is not necessarily the same as the creation date of the CreditDebitNote.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

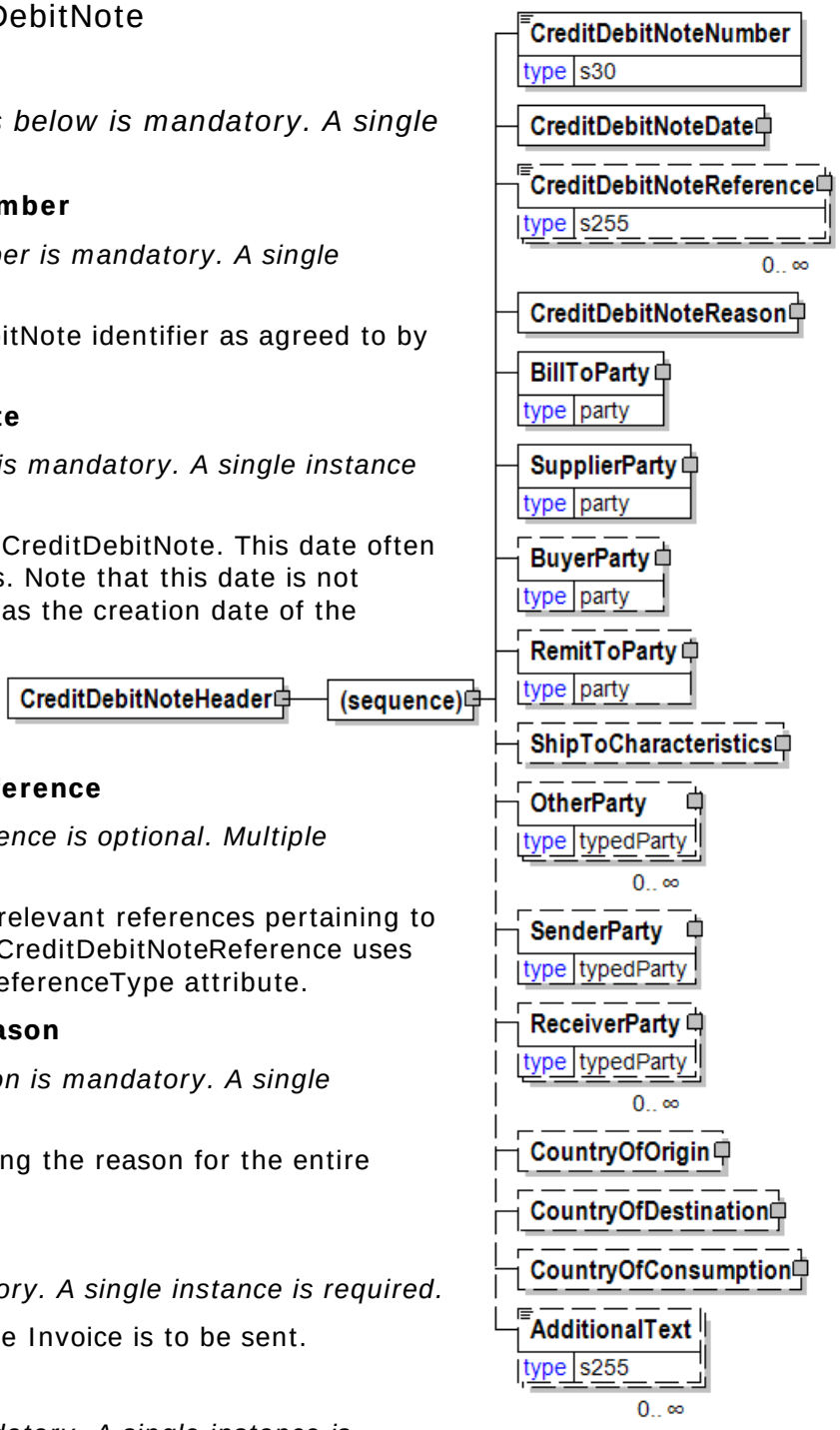
Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

CreditDebitNoteHeader

The CreditDebitNoteHeader contains information common to the CreditDebitNote



(sequence)

The sequence of items below is mandatory. A single instance is required.

CreditDebitNoteNumber

CreditDebitNoteNumber is mandatory. A single instance is required.

The unique CreditDebitNote identifier as agreed to by the trading partners.

CreditDebitNoteDate

CreditDebitNoteDate is mandatory. A single instance is required.

The issue date of the CreditDebitNote. This date often drives payment terms. Note that this date is not necessarily the same as the creation date of the CreditDebitNote.

CreditDebitNoteReference

CreditDebitNoteReference is optional. Multiple instances might exist.

An element detailing relevant references pertaining to the CreditDebitNote. CreditDebitNoteReference uses the CreditDebitNoteReferenceType attribute.

CreditDebitNoteReason

CreditDebitNoteReason is mandatory. A single instance is required.

A group item containing the reason for the entire CreditDebitNote.

BillToParty

BillToParty is mandatory. A single instance is required.

The address where the Invoice is to be sent.

SupplierParty

SupplierParty is mandatory. A single instance is required.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

BuyerParty

BuyerParty is optional. A single instance might exist.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

RemitToParty

RemitToParty is optional. A single instance might exist.

A group item containing details of the party to whom payment will be made. The RemitToParty contains all information related to remittance.

ShipToCharacteristics

ShipToCharacteristics is optional. A single instance might exist.

A group item that provides information important for the Ship-To Party.

ShipToCharacteristics may be referenced at both the header and line item level. The reference at the header is required and acts as a default for the value at the line level, unless overridden at the line level.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

SenderParty

SenderParty is optional. A single instance might exist.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is optional. Multiple instances might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

CountryOfOrigin

CountryOfOrigin is optional. A single instance might exist.

The country of origin for the material.

CountryOfDestination

CountryOfDestination is optional. A single instance might exist.

The country where the goods will be, or were, shipped to.

CountryOfConsumption

CountryOfConsumption is optional. A single instance might exist.

The country of consumption for the material.

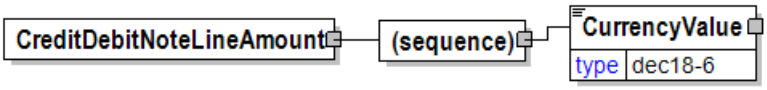
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

CreditDebitNoteLineAmount

The total CreditDebitNote amount per line (includes adjustments and tax)



(sequence)

The sequence of items below is mandatory. A single instance is required.

CurrencyValue

CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

CreditDebitNoteLineItem

CreditDebitLineItem contains the information about the Credit or Debit being issued.

(sequence)

The sequence of items below is mandatory. A single instance is required.

CreditDebitNoteLineItemNumber

CreditDebitNoteLineItemNumber is mandatory. A single instance is required.

A sequential number that uniquely identifies the CreditDebitNote line item.

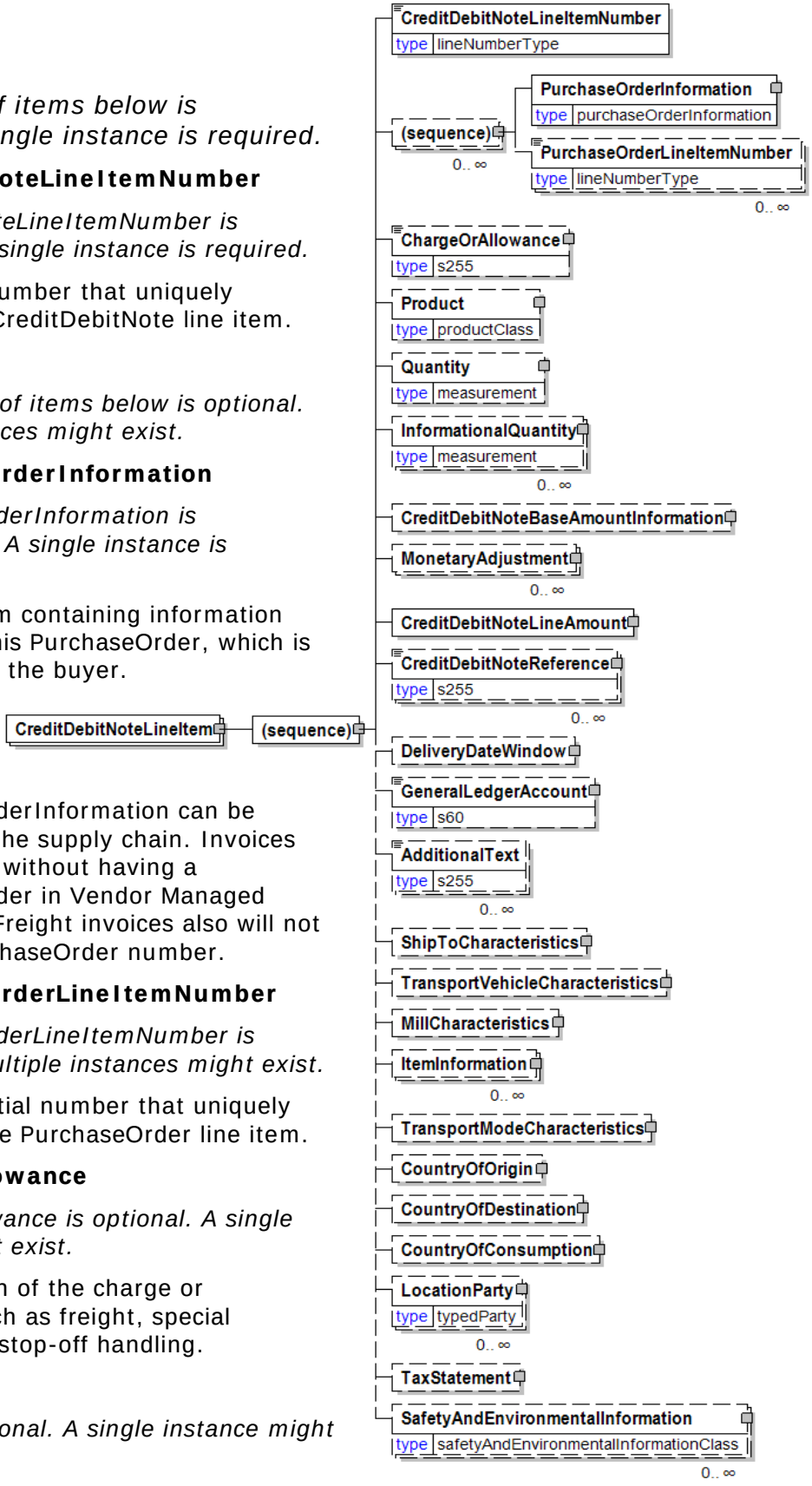
(sequence)

The sequence of items below is optional. Multiple instances might exist.

PurchaseOrderInformation

PurchaseOrderInformation is mandatory. A single instance is required.

A group item containing information unique to this PurchaseOrder, which is provided by the buyer.



PurchaseOrderInformation can be optional in the supply chain. Invoices are created without having a PurchaseOrder in Vendor Managed Inventory. Freight invoices also will not have a PurchaseOrder number.

PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber is optional. Multiple instances might exist.

The sequential number that uniquely identifies the PurchaseOrder line item.

ChargeOrAllowance

ChargeOrAllowance is optional. A single instance might exist.

The description of the charge or allowance; such as freight, special handling, and stop-off handling.

Product

Product is optional. A single instance might exist.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing,

Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

Quantity

Quantity is optional. A single instance might exist.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

CreditDebitNoteBaseAmountInformation

CreditDebitNoteBaseAmountInformation is optional. A single instance might exist.

A group item containing the price per unit and the CreditDebitNote amount subtotal.

MonetaryAdjustment

MonetaryAdjustment is optional. Multiple instances might exist.

The element containing the information necessary for the understanding, calculation, and treatment of an adjustment to a currency amount. MonetaryAdjustment contains an attribute that indicates they type of adjustment being communicated.

CreditDebitNoteLineAmount

CreditDebitNoteLineAmount is mandatory. A single instance is required.

The total CreditDebitNote amount per line (includes adjustments and tax)

CreditDebitNoteReference

CreditDebitNoteReference is optional. Multiple instances might exist.

An element detailing relevant references pertaining to the CreditDebitNote. CreditDebitNoteReference uses the CreditDebitNoteReferenceType attribute.

DeliveryDateWindow

DeliveryDateWindow is optional. A single instance might exist.

A group item defining the date/time interval for delivery to take place. An element which may contain the estimated date for which delivery is expected. This date is not absolute.

GeneralLedgerAccount

GeneralLedgerAccount is optional. A single instance might exist.

The general ledger account to be referenced for the item.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

ShipToCharacteristics

ShipToCharacteristics is optional. A single instance might exist.

A group item that provides information important for the Ship-To Party.

ShipToCharacteristics may be referenced at both the header and line item level. The reference at the header is required and acts as a default for the value at the line level, unless overridden at the line level.

TransportVehicleCharacteristics

TransportVehicleCharacteristics is optional. A single instance might exist.

A group item containing information about a transport vehicle, e.g. a truck. A transport vehicle has its own power and can be used to pull, push, carry, or tow a transport unit loaded with goods.

MillCharacteristics

MillCharacteristics is optional. A single instance might exist.

A group item defining the mill party and machine identifier where a product is or was produced.

ItemInformation

ItemInformation is optional. Multiple instances might exist.

The purpose of the ItemInformation structure is to clearly identify physical items. The attribute ItemType defines the type of physical item. Physical items can be handling units like packages as well as items contained in packages.

TransportModeCharacteristics

TransportModeCharacteristics is optional. A single instance might exist.

A group item defining the primary mode of transport.

CountryOfOrigin

CountryOfOrigin is optional. A single instance might exist.

The country of origin for the material.

CountryOfDestination

CountryOfDestination is optional. A single instance might exist.

The country where the goods will be, or were, shipped to.

CountryOfConsumption

CountryOfConsumption is optional. A single instance might exist.

The country of consumption for the material.

LocationParty

LocationParty is optional. Multiple instances might exist.

The organization or business entity where the business event took place or will take place.

TaxStatement

TaxStatement is optional. A single instance might exist.

A group element for declaration of exception from normal charges of tax and the reason for tax exemption.

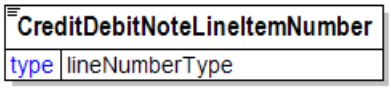
SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency).

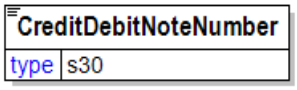
CreditDebitNoteLineItemNumber

A sequential number that uniquely identifies the CreditDebitNote line item.



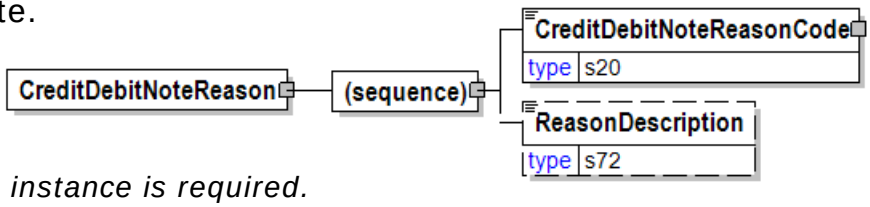
CreditDebitNoteNumber

The unique CreditDebitNote identifier as agreed to by the trading partners.



CreditDebitNoteReason

A group item containing the reason for the entire CreditDebitNote.



(sequence)

The sequence of items below is mandatory. A single instance is required.

CreditDebitNoteReasonCode

CreditDebitNoteReasonCode is mandatory. A single instance is required.

A selection of one of the valid reasons for creating a CreditDebitNote.

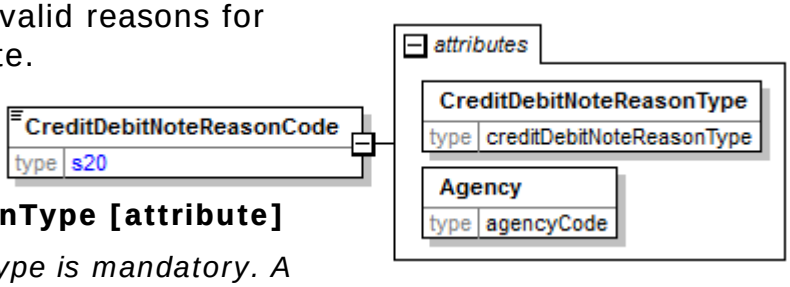
ReasonDescription

ReasonDescription is optional. A single instance might exist.

Text associated with a particular ReasonIdentifier

CreditDebitNoteReasonCode

A selection of one of the valid reasons for creating a CreditDebitNote.



CreditDebitNoteReasonType [attribute]

CreditDebitNoteReasonType is mandatory. A single instance is required.

Describes the type of reasons associated with the CreditDebitNote.

Refer to CreditDebitNoteReasonType definition for any enumerations.

Agency [attribute]

Agency is mandatory. A single instance is required.

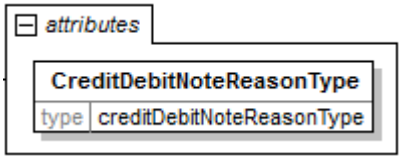
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

CreditDebitNoteReasonType [attribute]

Describes the type of reasons associated with the CreditDebitNote.



This item is restricted to the following list.

Claim

Commission

InvoiceAsCreditNote

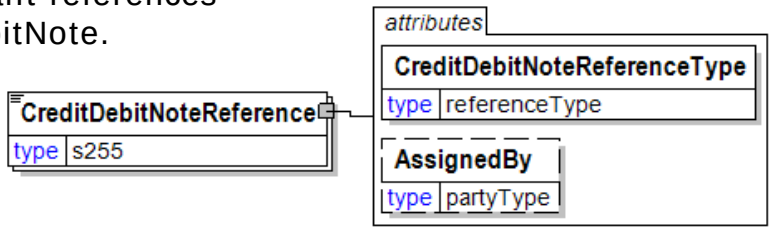
When during invoicing the TotalAmount turns out to be negative, then a credit note is created instead of an invoice. This type of credit note has no reference to any original invoice.

InvoiceError

Rebate

CreditDebitNoteReference

An element detailing relevant references pertaining to the CreditDebitNote.



CreditDebitNoteReference uses the CreditDebitNoteReferenceType attribute.

CreditDebitNoteReferenceType [attribute]

CreditDebitNoteReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information

previously communicated in the prefix.

Refer to CreditDebitNoteReferenceType definition for any enumerations.

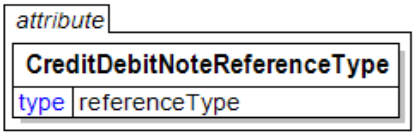
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

CreditDebitNoteReferenceType [attribute]



Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

CreditDebitNoteSummary

Contains summary information that applies to the entire e-Document.

(sequence)

The sequence of items below is mandatory. A single instance is required.

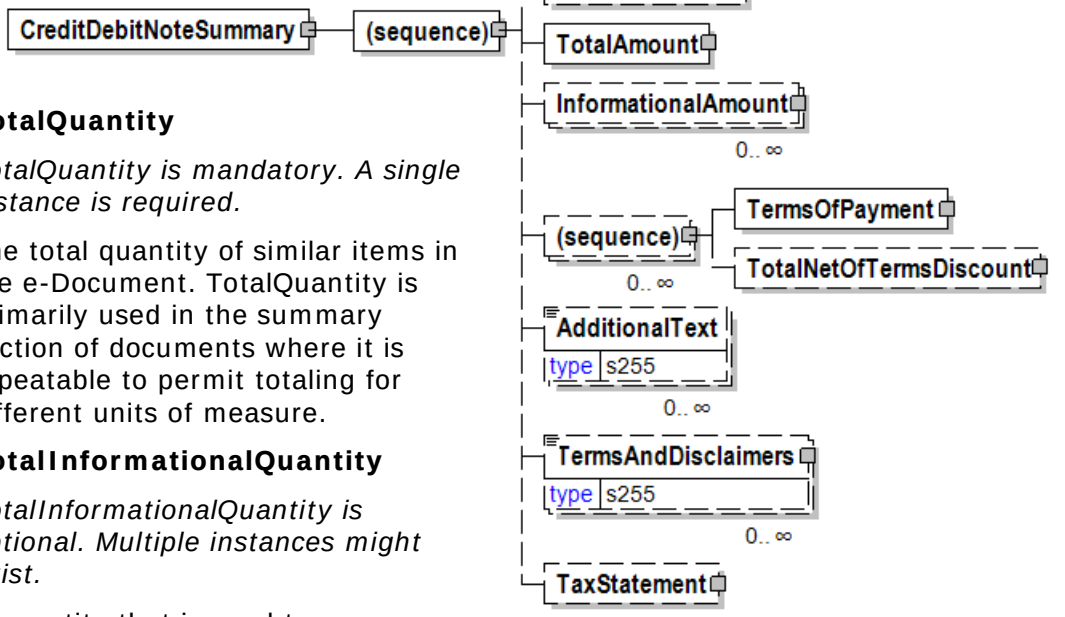
TotalNumberOfLineItems

TotalNumberOfLineItems is optional. A single instance might exist.

The total number of individual line items in the document, regardless of the status or type.

(sequence)

The sequence of items below is optional. Multiple instances might exist.



TotalQuantity

TotalQuantity is mandatory. A single instance is required.

The total quantity of similar items in the e-Document. TotalQuantity is primarily used in the summary section of documents where it is repeatable to permit totaling for different units of measure.

TotalInformationalQuantity

TotalInformationalQuantity is optional. Multiple instances might exist.

A quantity that is used to communicate related information about the parent element. This element represents a total that is derived from individual line items.

LineItemSubTotal

LineItemSubTotal is optional. A single instance might exist.

The total amount of all base amounts on e-Document line items. The base amount contains the result of the calculation quantity times the base unit price. As such it does not include any taxes. For example, in an Invoice claiming payment for products LineItemSubTotal is equal to the sum of all InvoiceLineBaseAmount.

TotalAdjustments

TotalAdjustments is optional. A single instance might exist.

The CurrencyValue of TotalAdjustments contains the total of all adjustments and charges excluding tax. For example, in the Invoice TotalAdjustments is equal to the sum of the signed values of the MonetaryAdjustmentAmount for all instances of MonetaryAdjustment with PriceAdjustment and FlatAmountAdjustment and plus the sum of the signed values of the ChargeNetAmount for all instances of ChargeInformation.

TotalTaxAmount

TotalTaxAmount is optional. A single instance might exist.

The CurrencyValue of TotalTaxAmount contains the sum of all instances of TaxAdjustment in the document. TotalTaxAmount contains the sum of all instances of the MonetaryAdjustmentAmount for tax adjustments.

TotalNetAmount

TotalNetAmount is optional. A single instance might exist.

A field containing total amount excluding tax. For example, in the Invoice TotalNetAmount is equal to the sum of LineItemSubTotal plus TotalAdjustments. TotalNetAmount encapsulates CurrencyValue.

TotalAmount

TotalAmount is mandatory. A single instance is required.

The total amount including tax (when tax is specified in the e-Document).

In e-Documents claiming payment this is the amount due for payment based on the terms of payment. Decimal rounding might be applied to this amount.

InformationalAmount

InformationalAmount is optional. Multiple instances might exist.

A monetary amount used for information purposes only (not for calculation). For example, the invoice price adjustment subtotal is expressed in sterling pounds, and the buyer wants this information expressed in U.S. dollars.

CreditDebitNote and Invoice - The TaxAmount is displayed in the currency that is applicable throughout the e-Document. When a TaxAmount needs to be displayed in a different national currency, this field is used.

(sequence)

The sequence of items below is optional. Multiple instances might exist.

TermsOfPayment

TermsOfPayment is mandatory. A single instance is required.

A group item that contains agreed-to terms defining when, how, and under what conditions the payment is to be made.

When TermsOfPayment is optional; if omitted, TermsOfPayment is controlled through previous negotiation.

TotalNetOfTermsDiscount

TotalNetOfTermsDiscount is optional. A single instance might exist.

The components of the amount to be paid if prompt payment discount terms are met, including the amount that is subject to the payment terms discount, the discount amount, and the amount due after prompt payment discount.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

TermsAndDisclaimers

TermsAndDisclaimers is optional. Multiple instances might exist.

An element that contains legal information with an indication of what the Language

is.

TaxStatement

TaxStatement is optional. A single instance might exist.

A group element for declaration of exception from normal charges of tax and the reason for tax exemption.

CreditDebitNoteType [attribute]

Defines the type of the CreditDebitNote e-Document. There are two types of CreditDebitNote Messages:



This item is restricted to the following list.

CreditNote

Credits that are provided for amount reductions and complaints. A CreditNode will normally have a reference to an earlier issued Invoice.

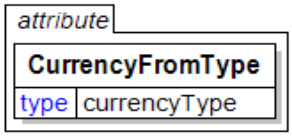
DebitNote

A DebitNote claims payment for additional charges. A DebitNote normally has a reference to an earlier issued Invoice.

CurrencyFromType [attribute]

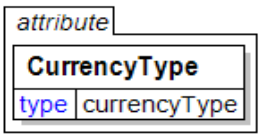
The from currency in an exchange.

A three-character ISO 4217 currency code in capital letters. The ISO standard classification for currencies.



CurrencyType [attribute]

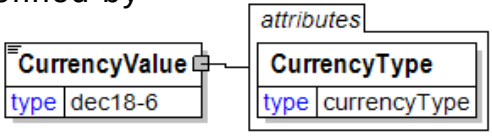
A three-character ISO 4217 currency code in capital letters. The ISO standard classification for currencies.



A three-character ISO 4217 currency code in capital letters. The ISO standard classification for currencies. Refer to the ISO standard for information about the choices for the attribute's enumerations.

CurrencyValue

The amount in the referenced currency as defined by the CurrencyType attribute.



CurrencyType [attribute]

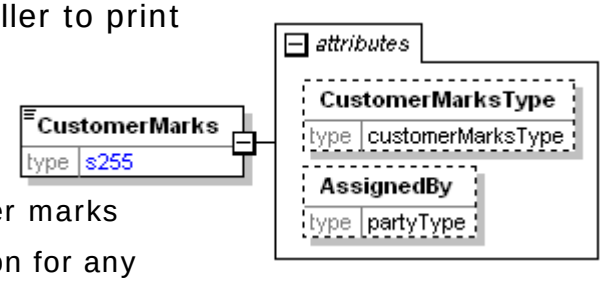
CurrencyType is mandatory. A single instance is required.

A three-character ISO 4217 currency code in capital letters. The ISO standard classification for currencies.

Refer to CurrencyType definition for any enumerations.

CustomerMarks

The text that the buyer wants the seller to print on the package label or elsewhere.



CustomerMarksType [attribute]

CustomerMarksType is optional.

Specifies the content type of customer marks

Refer to CustomerMarksType definition for any enumerations.

AssignedBy [attribute]

AssignedBy is optional.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy definition for any enumerations.

CustomerMarksType [attribute]

Specifies the content type of customer marks.



This item is restricted to the following list.

Author

Name of the author of the product or book

BasisWeight

The weight of the paper expressed as a mass for a given surface area.

BoxWeight

Weight of the filled box.

BookVolumeNumber

A number assigned to a book that denotes the sequential order when several books are either bound in an identical format or are part of a series or set.

BrandName

A specific product brand name for which the owner or source is specified in the “@AssignedBy” attribute

Copyright

The year of publication copyright**.**

Edition

Identifies the version of the product for which copies were printed and published at one time; For example in book manufacturing values might be 1st, 2nd, etc

ExportShipMark

An export shipment mark for identification.

GradeCode

A specific product code for which the owner or source is specified in the "@AssignedBy" attribute

GradeName

A specific product name for which the owner or source is specified in the "@AssignedBy" attribute (for example, ImprovedNewsprint-45-1479)

Identifier

Identifier of the individual item.

ISBN10

10 digit ISBN code without dashes.

ISBN10Dash

10 digit ISBN code with dashes**.**

ISBN13

13 digit ISBN code.

ISBN13Dash

A 13 character ISBN with dashes.

LotIdentifier

A unique code used to identify a grouping of product with one set of quality statistics common to all members of that group. Synonym: Lot Number.

PartNumber

An equivalent to the Stock Keeping Unit (SKU) for which the owner or source is specified in the "@AssignedBy" attribute. In other words, this code fully defines the product.

PrintingNumber

A reference to the sequential print run number.

ProfitCenter

Profit Center identifier.

PublisherName

Name of the publisher of a document.

PubName

The publication name.

PurchaseOrderNumber

The unique order identifier as designated by the customer.

ReferenceNumber

An informational reference (either textual or numeric) for which the owner or source is specified in the "@AssignedBy" attribute.

RetailPrice

Cover price of the finished product.

TambourID

The unique identifier of the jumbo reel (also called mother reel or Tambour).

Title

Proper title of a book product.

TitleAlias

Alternate title description for book products, usually for security purposes.

UnitsPerCarton

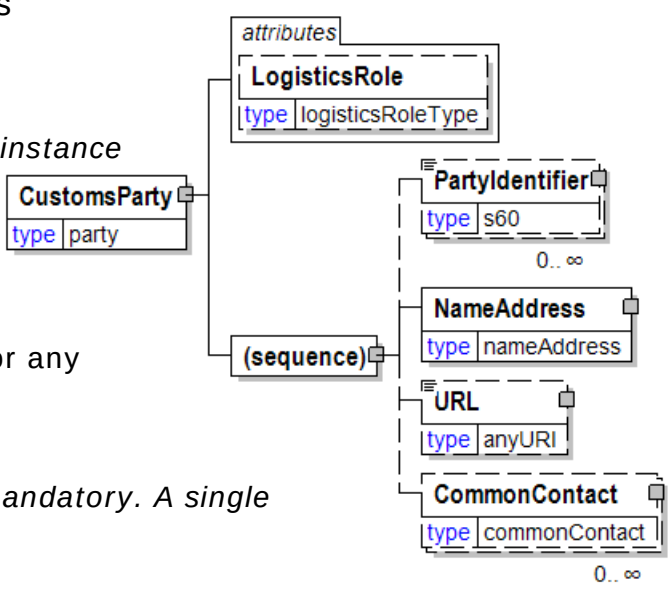
Number of units per box.

UniversalProductIdentifier

Unique identifier for the book, component of a book product, and many other products.

CustomsParty

The party responsible for customs arrangements.



LogisticsRole [attribute]

LogisticsRole is optional. A single instance might exist.

Communicates the nature of the logistics role, if any, the party plays in the transaction.

Refer to LogisticsRole definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PartyIdentifier

PartyIdentifier is optional. Multiple instances might exist.

A unique identifier of a specific party. This element contains an attribute PartyIdentifierType that indicates the type of party.

NameAddress

NameAddress is mandatory. A single instance is required.

A group item containing name and address of an organisation or business entity.

URL

URL is optional. A single instance might exist.

Universal Resource Locator. While typically a web address you could use this field to hold an email address.

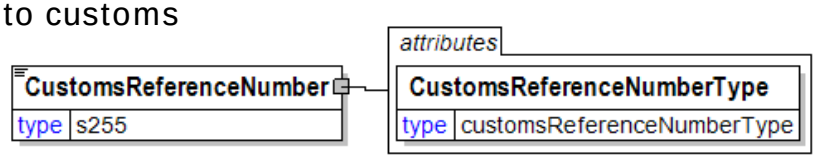
CommonContact

CommonContact is optional. Multiple instances might exist.

Identifies a specific individual associated with the party.

CustomsReferenceNumber

A reference that applies to customs arrangements.



CustomsReferenceNumberType [attribute]

CustomsReferenceNumberType is mandatory. A single instance is required.

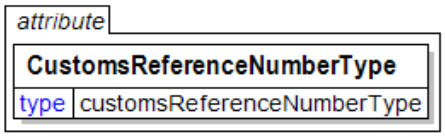
The type of customs reference number.

Refer to CustomsReferenceNumberType definition for any enumerations.

CustomsReferenceNumberType [attribute]

The type of customs reference number.

This item is restricted to the following list.



T2L

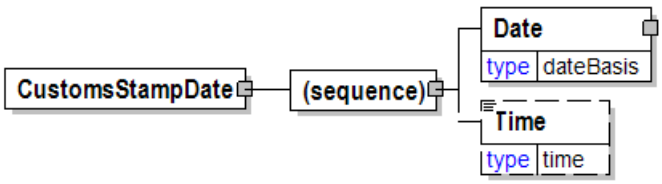
SimplifiedCustomsClearanceLicenseNumber

CustomsStampDate

The date of the customs stamp.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

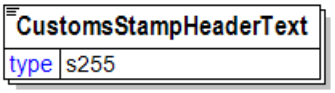
Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should

be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

CustomsStampHeaderText

Text to be applied prior to the customs stamp.



CustomsStampInformation

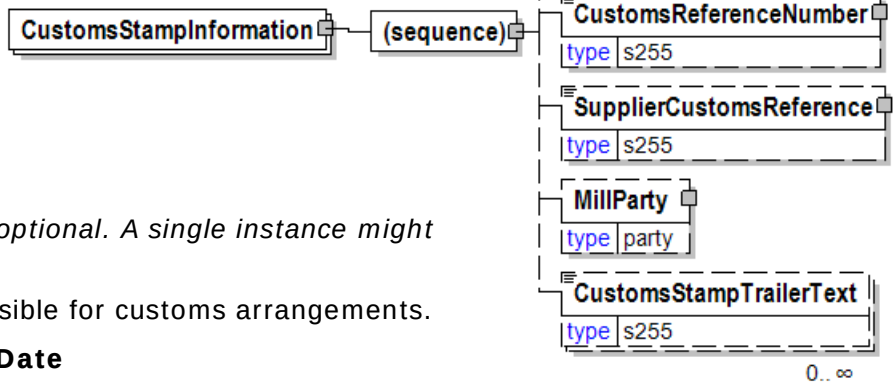
A grouping element that organises the information for customs.

(sequence)

The sequence of items below is mandatory. A single instance is required.

CustomsStampHeaderText

CustomsStampHeaderText is optional. Multiple instances might exist.



Text to be applied prior to the customs stamp.

CustomsParty

CustomsParty is optional. A single instance might exist.

The party responsible for customs arrangements.

CustomsStampDate

CustomsStampDate is optional. A single instance might exist.

The date of the customs stamp.

CustomsReferenceNumber

CustomsReferenceNumber is optional. A single instance might exist.

A reference that applies to customs arrangements.

SupplierCustomsReference

SupplierCustomsReference is optional. A single instance might exist.

Supplier Customs Reference

MillParty

MillParty is optional. A single instance might exist.

The organisation or business entity that actually produces the product.

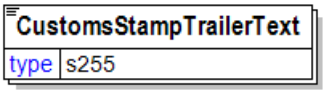
CustomsStampTrailerText

CustomsStampTrailerText is optional. Multiple instances might exist.

Text to be applied after the customs stamp.

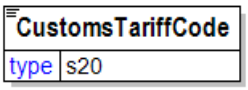
CustomsStampTrailerText

Text to be applied after the customs stamp.



CustomsTariffCode

The tariff code for customs purposes.

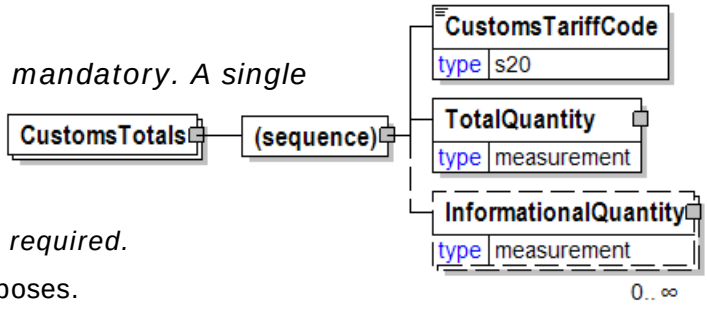


CustomsTotals

A grouping element for customs total information.

(sequence)

The sequence of items below is mandatory. A single instance is required.



CustomsTariffCode

CustomsTariffCode is mandatory. A single instance is required.

The tariff code for customs purposes.

TotalQuantity

TotalQuantity is mandatory. A single instance is required.

The total quantity of similar items in the e-Document. TotalQuantity is primarily used in the summary section of documents where it is repeatable to permit totaling for different units of measure.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

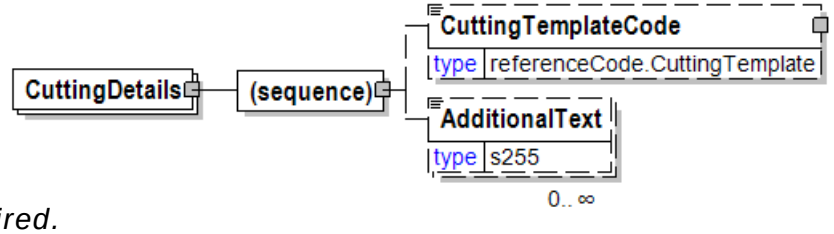
A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

CuttingDetails

Cutting Details provides information on how to cut the sheet.

(sequence)

The sequence of items below is mandatory. A single instance is required.



CuttingTemplateCode

CuttingTemplateCode is optional. A single instance might exist.

Cutting Template Code contains the reference to previously defined instructions on how to cut the sheet.

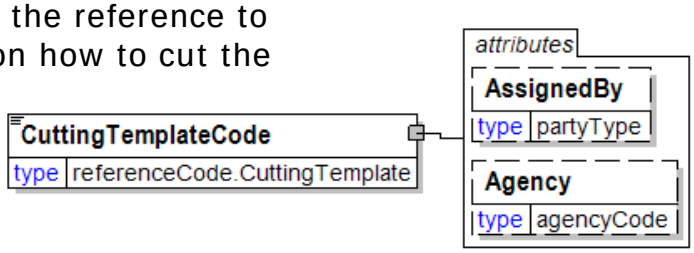
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

CuttingTemplateCode

Cutting Template Code contains the reference to previously defined instructions on how to cut the sheet.



AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber. Refer to AssignedBy definition for any enumerations.

Refer to AssignedBy definition for any enumerations.

Agency [attribute]

Agency is optional. A single instance might exist.

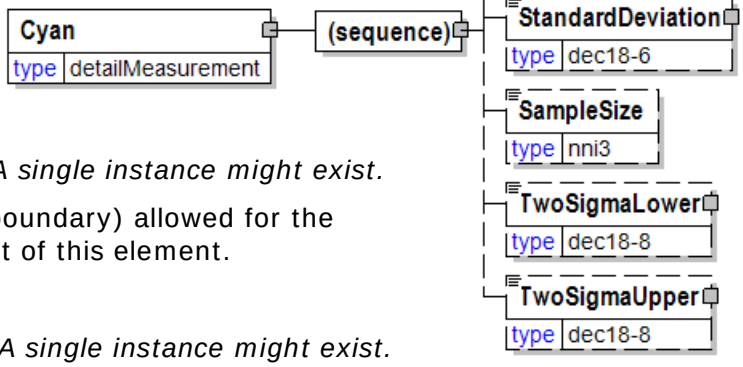
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

Cyan

The Cyan component of a colour in the CMYK approach to colour definition.



(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

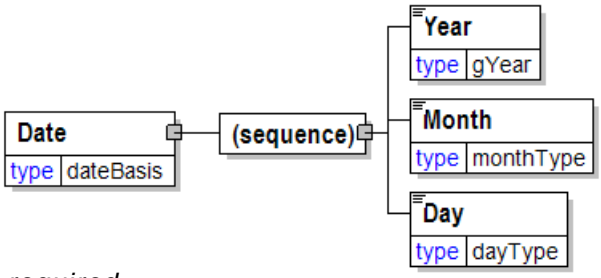
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

Date

A group element that contains the specification of Year, Month, and Day.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Year

Year is mandatory. A single instance is required.

Identifies the year number when communicating a Calendar date.

Month

Month is mandatory. A single instance is required.

Identifies the month number when communicating a Calendar date.

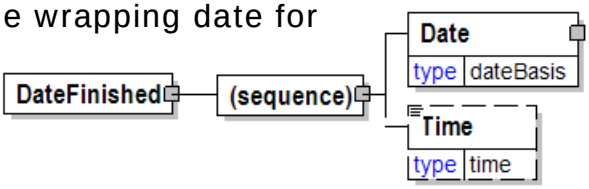
Day

Day is mandatory. A single instance is required.

Identifies the day of the month when communicating a Calendar date. Day is an integer between 1 and 31.

DateFinished

The Date and optionally the Time that an item was finished. For example, this could be the wrapping date for a reel or ream or the date the sheet(s) were packaged in preparation for shipment



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

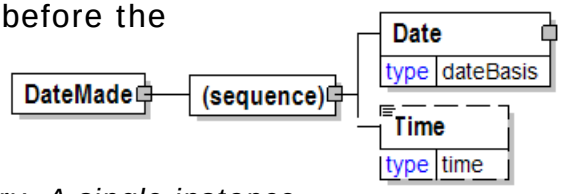
hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be

in discord with other users of XML.

DateMade

The Date and optionally the Time when an item was produced. DateMade is normally a date before the wrapping and labelling date of the item.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

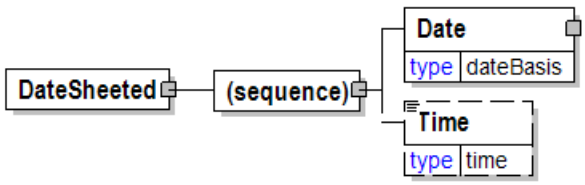
Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

DateSheeted

The Date and optionally the Time that the paper was sheeted.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss,

hh:mm:ssZ, or hh:mm:ss±hh:mm.

hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use "Z" when communicating a time in their time zone to other users.

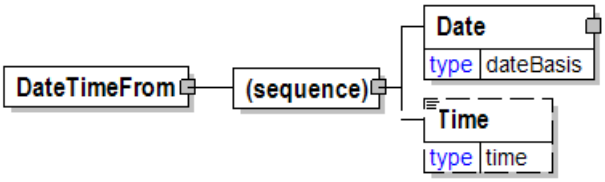
hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

DateTimeFrom

The start or beginning Date and Time of a date range.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized "local" time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use "Z" when communicating a time in their time zone to other users.

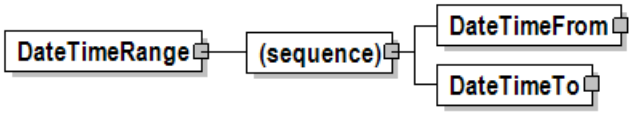
hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

DateTimeRange

Specifies a date and/or time range.

(sequence)

The sequence of items below is mandatory. A single instance is required.



DateTimeFrom

DateTimeFrom is mandatory. A single instance is required.

The start or beginning Date and Time of a date range.

DateTimeTo

DateTimeTo is mandatory. A single instance is required.

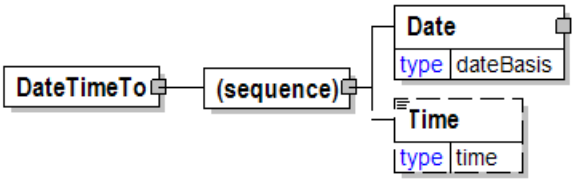
The ending Date and Time of a date/time range.

DateTimeTo

The ending Date and Time of a date/time range.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

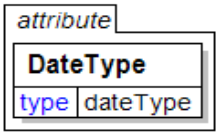
DateTimeValue

A Date and Time value in the standard W3C xs:dateTime format.



DateType [attribute]

Provides a context for the other date used in the document.



This item is restricted to the following list.

ActualArrivalDate

The date the product arrived at the delivery destination.

ActualDeliveryCompletedDate

The date when a vehicle left a delivery destination after fulfilling a delivery, e.g. when an empty vehicle left the weighbridge or passed through the exit gate of the delivery destination.

ActualDepartureDate

The date the product departed the delivery origin.

AvailableToShipDate

The date the product needs to be available to ship.

BoundBookDate

Date the book is to be bound

CancelAfterDate

An action defined by the context is to be cancelled after the specified date.

ComponentDueDate

The date the component is due at the manufacturing or assembly location.

ComponentShipDate

The date the component has shipped or should ship.

ConsumptionDate

The date the item was or should be consumed.

DateOfLastChange

The last date that changes are permitted.

DateOfTrading

A date or date range when the supply of goods or services were made or completed. Normally this is the date of delivery but it can be other dates depending on terms of delivery; for example, despatch date.

DeliveryNotAllowed

Delivery must not take place during the dates specified.

DeliveryDate

The date the product is to be delivered.

DeliveryPriorToDate

The delivery must take place prior to this date.

DeliveryRequestedDate

The date on which the buyer requests goods to be delivered. Delivery will happen at this date on a “best endeavours” basis.

DespatchDate

The date the product is to be despatched.

DoNotDeliverAfterDate

The delivery must not take place after the date specified.

DoNotShipAfterDate

The shipment must not take place after the date specified.

DrawDate

The date removed from stock.

EarliestDate

EndCallOffDate

The date that call offs should end.

EndOfDeliveryMonth

The end of the month that delivery has taken place.

EndOfDespatchMonth

The end of the month that despatch has taken place.

EndOfInvoiceMonth

The end of the month that Invoice has taken place.

EstimatedTimeOfArrival

The date and time that the shipment is expected to arrive.

EstimatedTimeOfDeparture

The date and time that the shipment is expected to leave.

ExMillDate

Goods are ready at the mill.

ForestForwardingDate

The date when transporting of forest wood products take place from logging areas to roadside landings.

InvoiceDate

A date that is qualifying the invoicing period. This date often drives payment terms. Note that this date is not necessarily the same as the issue date of the Invoice.

LastChangeDate

The most recent date the document was changed.

LoadingDate

The date when the goods are loaded on a transport unit.

MeasuringDate

The date when measuring is performed.

OnPressDate

Date printing will commence.

OnSalesDate

Publicised sales date

OrderConfirmationDate

The date that OrderConfirmation took place.

OrderFirmedDate

The date that the order will be consider firm unless additional information is received.

PickUpDate

The date the material will be, or is available to be, picked-up from the shipping location.

PlannedShipDate

The anticipated date of shipment.

PostingDate

The posting date determines the booking period and defines in which fiscal period the document will be booked.

PrepDate

Specifies the date applied to the preparation process.

PriceListDate

Defines what date the price in a business agreement is based on.

PrintDate

The date on which a job is planned to go on the press to be printed. The ordered product needs to be available before this date.

ProductionDate

The date the product is produced.

ProofDueBackDate

Date the return of the proof is due back or the review process is to be completed.

ProofOutDate

Date the proof is mailed or made available to the buyer for review.

PublicationDate

Date the book will be published.

PurchaseOrderDate

The date when the PurchaseOrder was issued.

ReferencePeriod

A period of time covered by the object, e.g. an e-Document.

RequiredByDate

The date by which the activity must be completed. In the context of a PurchaseOrder this date refers to the date by which the material must be at the buyer's location of use.

ResourceDeliveryDate

The date and time when the resource is expected to be delivered.

ResourceRequestedDate

The date and time when the resource is requested to be delivered.

ShipEvenlyThroughout

Distribute shipment of product in relatively even shipments throughout the date range indicated

ShipmentPriorToDate

The shipment (despatch) must take place prior to this date—in other words, the goods have to leave the terminal.

ShipmentRequestedDate

The date shipment is requested.

SnowRemovalActualDate

The date that snow removal has taken place.

SnowRemovalRequestedDate

The requested date that snow removal is to take place.

SpecificationVersionDate

Date of version of a specification

StartCallOffDate

The date on which the first CallOff can be placed.

TheWeekBeginning

The delivery is to be made at the beginning of the week that is mentioned in the Date construct.

TheWeekEnding

The delivery is to be made at the end of the week that is mentioned in the Date construct.

WarehouseDate

Depending on the e-Document context this can communicate the date that items are due in the warehouse or have been placed in the warehouse. For example:

Date books are due in the publisher's warehouse

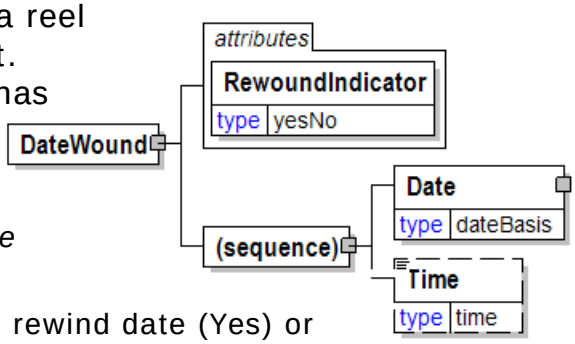
Date reels were unloaded and put into the warehouse

Other

Any other type of date that is not contained in the attribute list.

DateWound

The Date and optionally the Time that a reel was wound or produced from its parent. RewoundIndicator indicates if the reel has been rewound.



RewoundIndicator [attribute]

RewoundIndicator is mandatory. A single instance is required.

Is the date being communicated the the rewind date (Yes) or

the date of original winding (No)?

Refer to RewoundIndicator definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

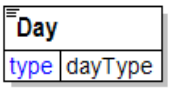
Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

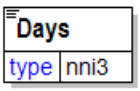
Day

Identifies the day of the month when communicating a Calendar date. Day is an integer between 1 and 31.



Days

The qualifier of DeliveryTransitTime. More generally used to communicate duration in days.



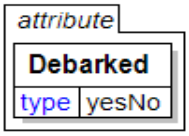
Debarked [attribute]

Either "Yes" or "No".

This item is restricted to the following list.

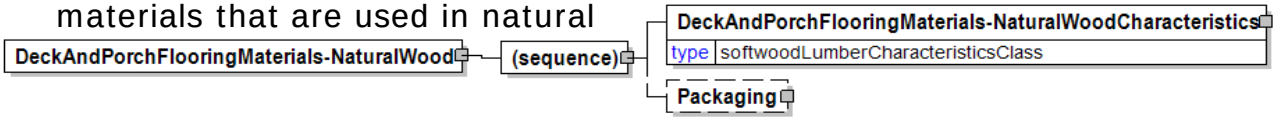
Yes

No



DeckAndPorchFlooringMaterials-NaturalWood

Deck and porch flooring materials that are used in natural wood products.



(sequence)

The sequence of items below is mandatory. A single instance is required.

DeckAndPorchFlooringMaterials-NaturalWoodCharacteristics

DeckAndPorchFlooringMaterials-NaturalWoodCharacteristics is mandatory. A single instance is required.

Natural wood characteristics of deck and porch flooring materials.

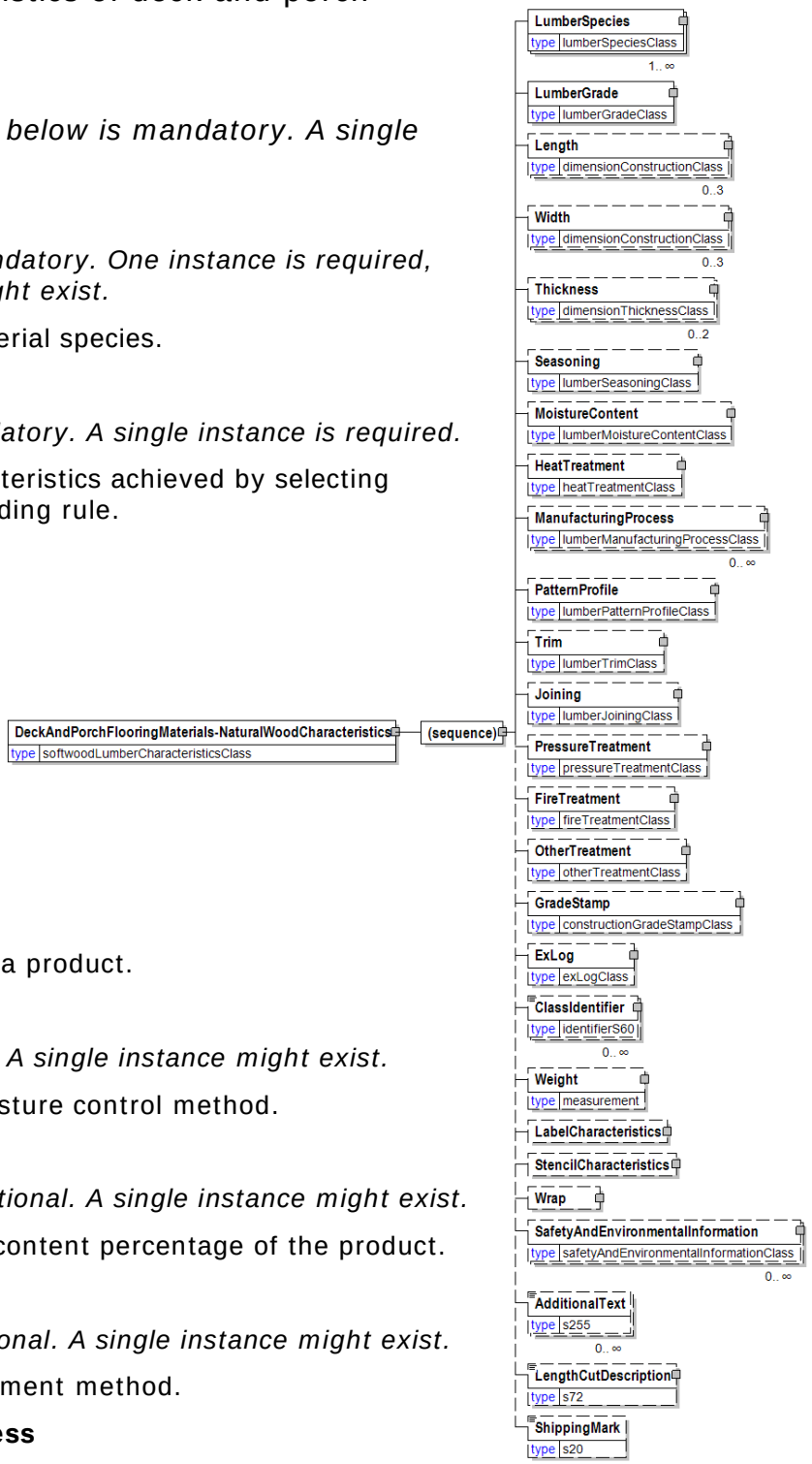
Packaging

Packaging is optional. A single instance might exist.

Type of a package that includes individual products.

DeckAndPorchFlooringMaterials-NaturalWoodCharacteristics

Natural wood characteristics of deck and porch flooring materials.



(sequence)

The sequence of items below is mandatory. A single instance is required.

LumberSpecies

LumberSpecies is mandatory. One instance is required, multiple instances might exist.

Specifies the raw material species.

LumberGrade

LumberGrade is mandatory. A single instance is required.

Defines quality characteristics achieved by selecting pieces based on a grading rule.

Length

Length is optional.

The length of the object.

Width

Width is optional.

The width of the object.

Thickness

Thickness is optional.

Physical dimension of a product.

Seasoning

Seasoning is optional. A single instance might exist.

Describes drying/ moisture control method.

MoistureContent

MoistureContent is optional. A single instance might exist.

Defines the moisture content percentage of the product.

HeatTreatment

HeatTreatment is optional. A single instance might exist.

Defines the heat treatment method.

ManufacturingProcess

ManufacturingProcess is optional. Multiple instances might exist.

Defines the different machining and processes made for the product.

PatternProfile

PatternProfile is optional. A single instance might exist.

Defines the pattern used in machining the product.

Trim

Trim is optional. A single instance might exist.

Trim

Joining

Joining is optional. A single instance might exist.

Defines the method used to join pieces of wood.

PressureTreatment

PressureTreatment is optional. A single instance might exist.

Method and parameter values of pressure treatment.

FireTreatment

FireTreatment is optional. A single instance might exist.

Fire treatment

OtherTreatment

OtherTreatment is optional. A single instance might exist.

Other treatment

GradeStamp

GradeStamp is optional. A single instance might exist.

Grade stamp information

ExLog

ExLog is optional. A single instance might exist.

Describes the cutting pattern of the log.

ClassIdentifier

ClassIdentifier is optional. Multiple instances might exist.

Standard used for product identification.

Weight

Weight is optional. A single instance might exist.

The weight of the item.

LabelCharacteristics

LabelCharacteristics is optional. A single instance might exist.

A group item that organises the labeling information.

StencilCharacteristics

StencilCharacteristics is optional. A single instance might exist.

A group element specifying attributes of a stencil to be applied to an item, and optional text.

Wrap

Wrap is optional. A single instance might exist.

A group item that organises wrapping detail information.

SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the

percentage of the product is certified (for example, 75% is certified by the indicated agency).

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

LengthCutDescription

LengthCutDescription is optional. A single instance might exist.

Length Cut Description

ShippingMark

ShippingMark is optional. A single instance might exist.

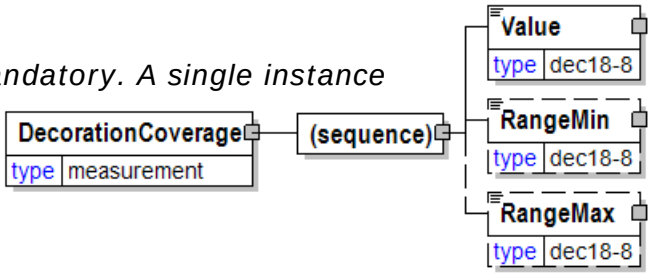
A shipping mark identifies the producer and quality on the end side of the product. Not to be mixed with company code/logo or other product marking.

DecorationCoverage

Decoration coverage.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

DecorationLocationType [attribute]

Decoration location type

This item is restricted to the following list.



Front

Back

Spine

FrontAndBack

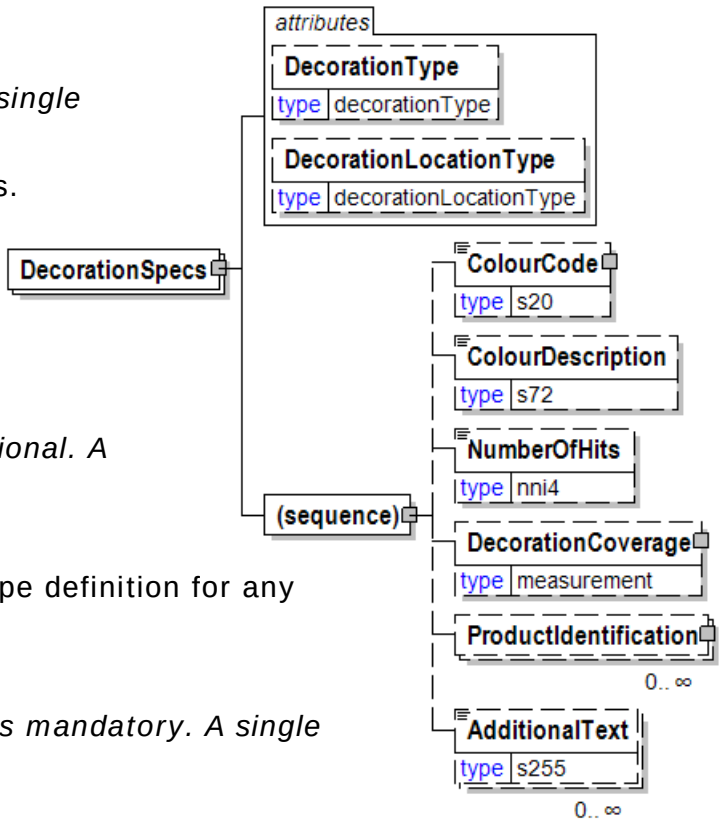
FrontAndSpine

BackAndSpine

FrontAndBackAndSpine

DecorationSpecs

Decoration specifications



DecorationType [attribute]

DecorationType is optional. A single instance might exist.

Describes the finishing process.

Refer to DecorationType definition for any enumerations.

DecorationLocationType [attribute]

DecorationLocationType is optional. A single instance might exist.

Decoration location type

Refer to DecorationLocationType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ColourCode

ColourCode is optional. A single instance might exist.

A code indicating the colour.

ColourDescription

ColourDescription is optional. A single instance might exist.

A free form description of the colour.

NumberOfHits

NumberOfHits is optional. A single instance might exist.

The number of hits

DecorationCoverage

DecorationCoverage is optional. A single instance might exist.

Decoration coverage.

ProductIdentification

ProductIdentification is optional. Multiple instances might exist.

A grouping element designed to communicate product identification related to the parent element that contains this item.

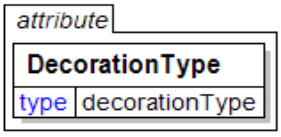
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

DecorationType [attribute]

Describes the finishing process.



This item is restricted to the following list.

Debossing

DieCuts

Emboss

FoilStamping

Pressing a design onto a book cover using metallic or pigment foil.

Hubbing

InkStamping

Pressing a design onto a book cover using ink

RaisedBands

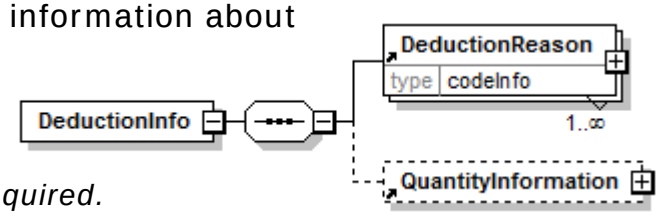
RaisedUV

Raised bumps obtained via an ultra-violet process.

Stamping

DeductionInfo

A grouping element that contains information about deductions of quantities**.**



(sequence)

The sequence of items below is mandatory. A single instance is required.

DeductionReason

DeductionReason is mandatory. One instance is required, multiple instances might exist.

A grouping element that contains the reason for the deduction.

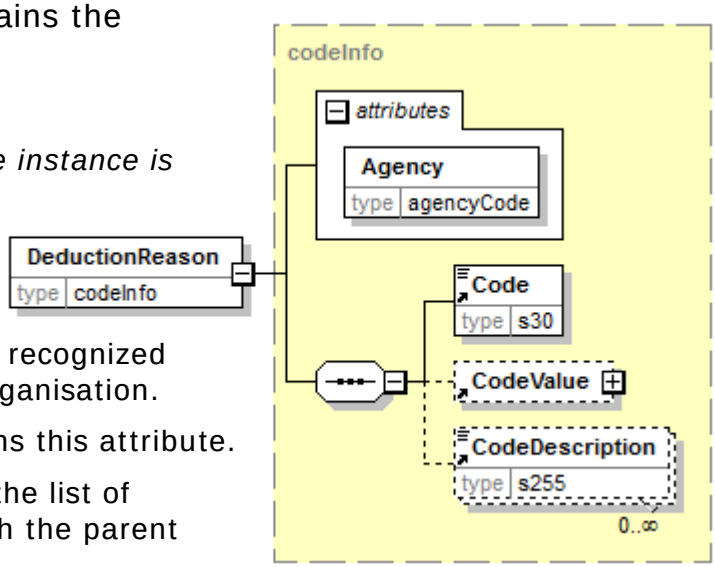
QuantityInformation

QuantityInformation is optional. A single instance might exist.

A group item containing information about quantity and informational quantity of similar items.

DeductionReason

A grouping element that contains the reason for the deduction.



Agency [attribute]

Agency is mandatory. A single instance is required.

Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Code

Code is mandatory. A single instance is required.

Specifies a code that is defined by an agency. The agency is given for the whole construct containing the code.

CodeValue

CodeValue is optional. A single instance might exist.

A grouping element specifying a value belonging to a code that is defined by an agency.

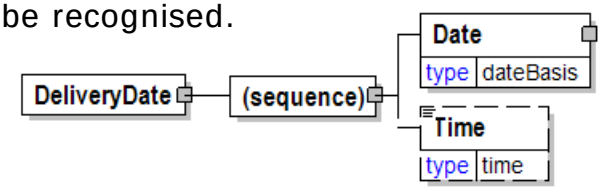
CodeDescription

CodeDescription is optional. Multiple instances might exist.

A textual description for the meaning of a code that is defined by an agency.

DeliveryDate

The Date and optionally the Time that the partners agree is the date upon which deliveries will be recognised. Possible choices for this date are either the date despatched or the date received.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

DeliveryDateType [attribute]

Provides a context for the delivery date window.



This item is restricted to the following list.

ActualArrivalDate

The date the product arrived at the delivery destination.

ActualDeliveryCompletedDate

The date when a vehicle left a delivery destination after fulfilling a delivery, e.g. when an empty vehicle left the weighbridge or passed through the exit gate of the delivery destination.

ActualDepartureDate

The date the product departed the delivery origin.

AvailableToShipDate

The date that the material is available for shipment. That is, the material can be picked up on this date.

CancelAfterDate

The delivery is to be cancelled if not delivered by this date.

DateOfLastChange

The latest date at which an amendment versus cancellation is allowed to take place. The seller in the e-Document confirmation communicates this date.

DateOfTrading

A date or date range when the supply of goods or services were made or completed. Normally this is the date of delivery but it can be other dates depending on terms of delivery (for example the despatch date).

DeliveryNotAllowed

Delivery must not take place during the dates specified.

DeliveryRequestedDate

The date on which a buyer requests goods to be delivered. Delivery will happen at this date on a “best endeavours” basis.

DoNotDeliverAfterDate

The delivery must not take place after the date specified.

DoNotShipAfterDate

The shipment must not take place after the date specified.

EndCallOffDate

The date on which the last CallOff can be placed.

EstimatedTimeOfArrival

The expected time that the goods will arrive. Receiving facilities should be available.

EstimatedTimeOfDeparture

The date and time that the shipment is expected to leave.

LastChangeDate

The most recent date the document was changed.

LoadingDate

The date on which loading should or is planned to take place.

PostingDate

The posting date determines the booking period and defines in which fiscal period the document will be booked.

PickUpDate

The date the material will be, or is available to be, picked-up from the shipping location.

PlannedShipDate

The date on which shipment is planned to take place.

ResourceDeliveryDate

The date and time when the resource is expected to be delivered.

ResourceRequestedDate

The date and time when the resource is requested to be delivered.

ReferencePeriod

A period of time covered by the object, e.g. an e-Document.

ShipmentPriorToDate

The shipment (despatch) must take place prior to this date—in other words; the goods have to leave the terminal.

ShipmentRequestedDate

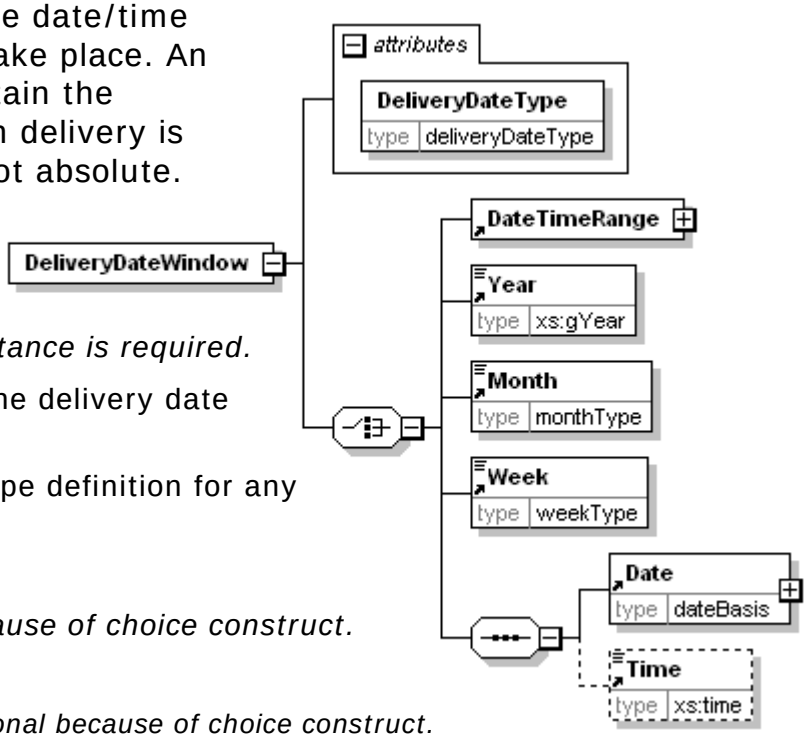
The date on which shipment is requested to take place.

StartCallOffDate

The date on which the first CallOff can be placed.

DeliveryDateWindow

A group item defining the date/time interval for delivery to take place. An element which may contain the estimated date for which delivery is expected. This date is not absolute.



DeliveryDateType [attribute]

DeliveryDateType is mandatory. A single instance is required.

Provides a context for the delivery date window.

Refer to DeliveryDateType definition for any enumerations.

(choice)

[choice] is optional because of choice construct.

DateTimeRange

DateTimeRange is optional because of choice construct.

Specifies a date and/or time range.

Year

Year is optional because of choice construct.

Identifies the year number when communicating a Calendar date.

Month

Month is optional because of choice construct.

Identifies the month number when communicating a Calendar date.

Week

Week is optional because of choice construct.

A field defining the week number of the calendar year. ISO 8601 is used as the basis for this element, “Week 01 of a year is the first week that has the Thursday in this year, which is equivalent to the week that contains the fourth day of January.”

(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

hh:mm:ss±hh:mm is used to represent a time with a time zone. The time

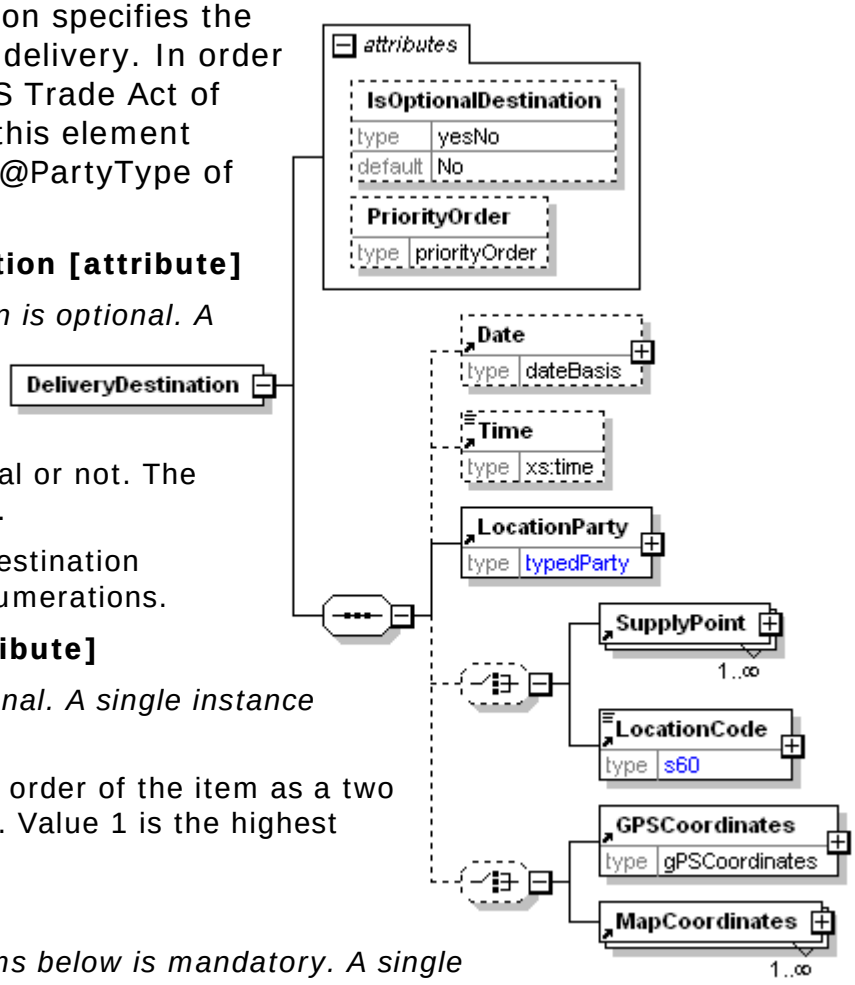
zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

DeliveryDestination

The DeliveryDestination specifies the end of one leg of the delivery. In order to comply with the US Trade Act of 2002 you would use this element with a LocationParty/@PartyType of Port.



IsOptionalDestination [attribute]

IsOptionalDestination is optional. A single instance might exist.

Specifies if the Destination is optional or not. The default value is “No”.

Refer to IsOptionalDestination definition for any enumerations.

PriorityOrder [attribute]

PriorityOrder is optional. A single instance might exist.

Specifies the priority order of the item as a two digit positive integer. Value 1 is the highest priority.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is optional. A single instance might exist.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

LocationParty

LocationParty is mandatory. A single instance is required.

The organization or business entity where the business event took place or will take place.

(choice)

[choice] is optional because of choice construct.

SupplyPoint

SupplyPoint is optional because of the choice construct.

Grouping element that contains items describing a supply point. A SupplyPoint belongs to a LocationParty, e.g. in a DeliveryOrigin or DeliveryDestination, and describes where goods are stored and can be loaded or unloaded. A SupplyPoint can for example be a loading or unloading gate at a warehouse or a road side landing at a logging area in the forest.

LocationCode

LocationCode is optional because of the choice construct.

A code used to identify a specific physical location within a site identified by a party, e.g. a loading station in a warehouse or an unloading station at a printer site.
LocationCode will be deprecated in a future version. Use SupplyPoint instead of LocationCode.

(choice)

[choice] is optional because of choice construct.

GPSCoordinates

GPSCoordinates is optional because of choice construct.

The location of the party as specified using a Global Positioning System.

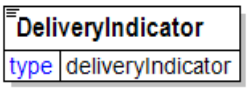
MapCoordinates

MapCoordinates is optional because of choice construct.

A group item defining and containing position co-ordinates of a location.

DeliveryIndicator

Indicates if delivery should take place or not.



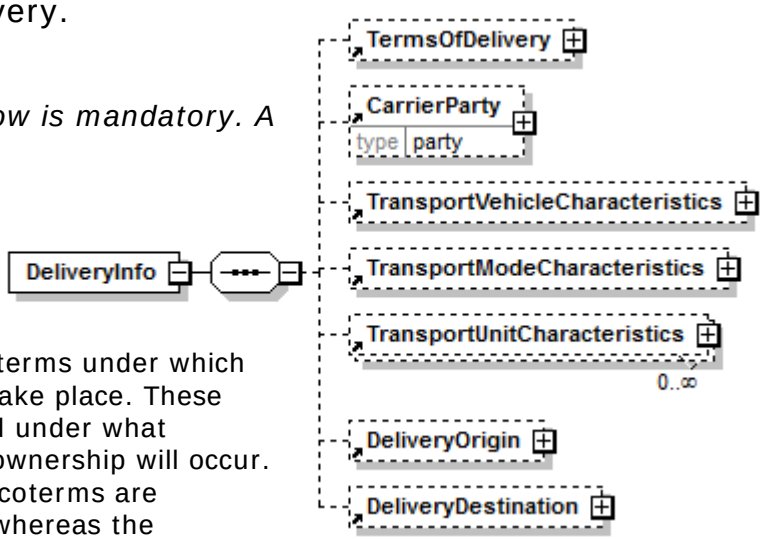
This item is restricted to the following list.

Deliver

DoNotDeliver

DeliveryInfo

Information about the delivery.



(sequence)

The sequence of items below is mandatory. A single instance is required.

TermsOfDelivery

TermsOfDelivery is optional. A single instance might exist.

A group item defining the terms under which the delivery of goods will take place. These terms determine when and under what conditions the transfer of ownership will occur. Generally speaking, the Incoterms are primarily used in Europe, whereas the ShipmentMethodOfPayment is primarily used in North America.

CarrierParty

CarrierParty is optional. A single instance might exist.

The party performing the transport of the product from the pickup location to the ship-to location; could be a hauler.

TransportVehicleCharacteristics

TransportVehicleCharacteristics is optional. A single instance might exist.

A group item containing information about a transport vehicle, e.g. a truck. A transport vehicle has its own power and can be used to pull, push, carry, or tow a transport unit loaded with goods.

TransportModeCharacteristics

TransportModeCharacteristics is optional. A single instance might exist.

A group item defining the primary mode of transport.

TransportUnitCharacteristics

TransportUnitCharacteristics is optional. Multiple instances might exist.

A group item containing information about a transport unit, e.g. a trailer. Transport units contain goods and move using power from another source, the transport vehicle.

DeliveryOrigin

DeliveryOrigin is optional. A single instance might exist.

A group item that represents the start of one leg in a route. Compare to DeliveryDestination.

The DeliveryOrigin specifies the start of one leg of the delivery.

In order to comply with the US Trade Act of 2002 you would use this element with a LocationParty/@PartyType of Port.

DeliveryDestination

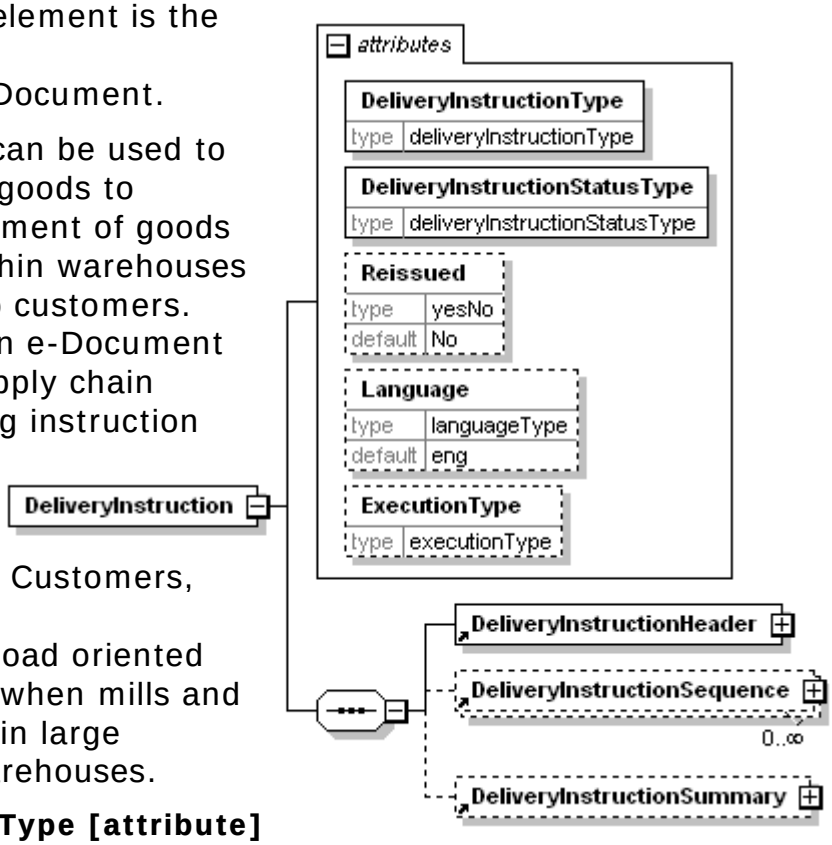
DeliveryDestination is optional. A single instance might exist.

The DeliveryDestination specifies the end of one leg of the delivery. In order to comply with the US Trade Act of 2002 you would use this element with a LocationParty/@PartyType of Port.

DeliveryInstruction

A DeliveryInstruction element is the root element for the DeliveryInstruction e-Document.

A DeliveryInstruction can be used to instruct movement of goods to warehouses and movement of goods to virtual locations within warehouses as well as deliveries to customers. The DeliveryInstruction e-Document is designed to fulfil supply chain requirements regarding instruction for goods deliveries to Mills, Suppliers, Forwarders, Warehouse Operators, Customers, and End-Users. The DeliveryInstruction is load oriented which is very efficient when mills and suppliers move goods in large quantities between warehouses.



DeliveryInstructionType [attribute]

DeliveryInstructionType is mandatory. A single instance is required.

DeliveryInstructionType defines the type of DeliveryInstruction.

Refer to DeliveryInstructionType definition for any enumerations.

DeliveryInstructionStatusType [attribute]

DeliveryInstructionStatusType is mandatory. A single instance is required.

Identifies the status of the entire DeliveryInstruction (in other words, at the root level).

Refer to DeliveryInstructionStatusType definition for any enumerations.

Reissued [attribute]

Reissued is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Reissued definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

ExecutionType [attribute]

Communicates the type of content of a DeliveryInstruction e-Document.

Refer to ExecutionType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DeliveryInstructionHeader

DeliveryInstructionHeader is mandatory. A single instance is required.

The DeliveryInstruction Header provides information that applies to the entire DeliveryInstruction.

DeliveryInstructionSequence

DeliveryInstructionSequence is optional Multiple instances might exist.

The DeliveryInstruction Sequence contains information about a loading or delivery event, depending on the type of DeliveryInstruction being communicated.

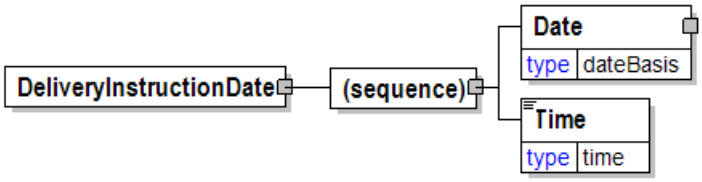
DeliveryInstructionSummary

DeliveryInstructionSummary is optional. A single instance might exist.

The DeliveryInstruction Summary provides summary information used to verify the contents of the e-Document.

DeliveryInstructionDate

The Date and Time when the DeliveryInstruction was issued.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is mandatory. A single instance is required.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

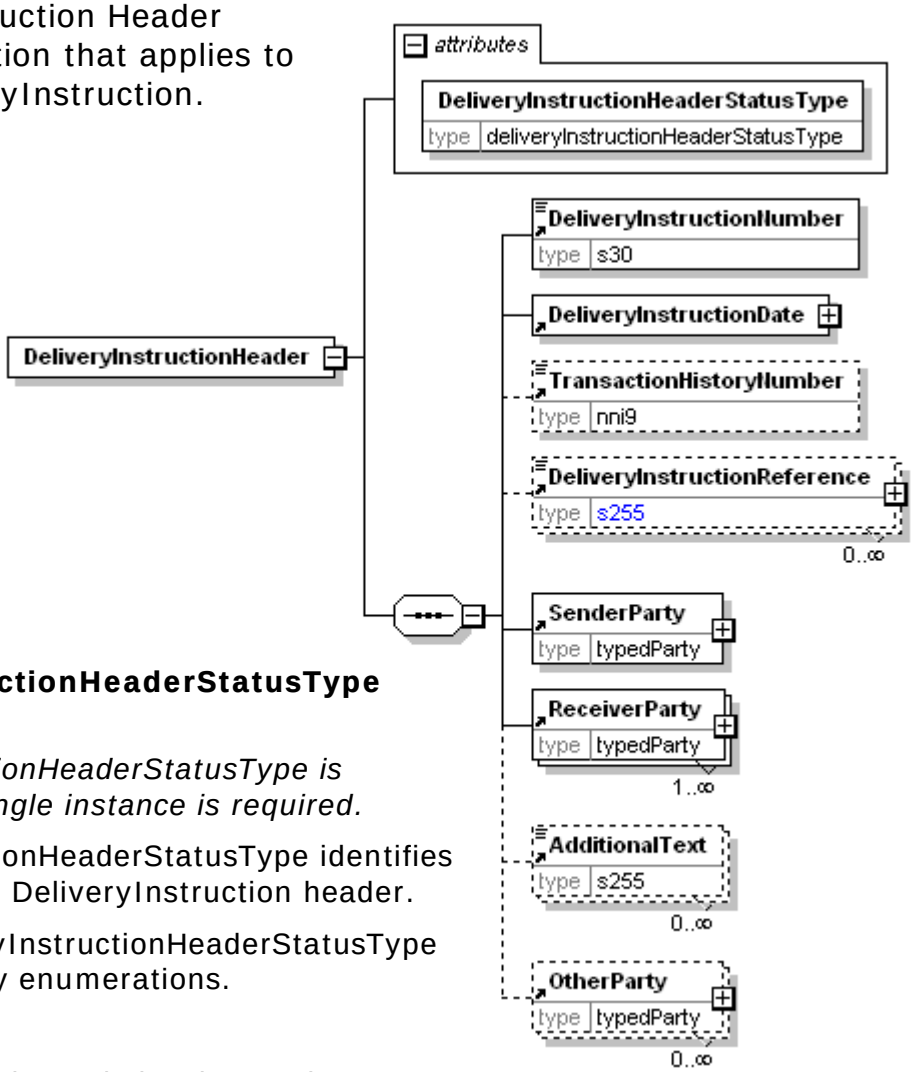
hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use "Z" when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

DeliveryInstructionHeader

The DeliveryInstruction Header provides information that applies to the entire DeliveryInstruction.



DeliveryInstructionHeaderStatusType [attribute]

DeliveryInstructionHeaderStatusType is mandatory. A single instance is required.

DeliveryInstructionHeaderStatusType identifies the status of the DeliveryInstruction header.

Refer to DeliveryInstructionHeaderStatusType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DeliveryInstructionNumber

DeliveryInstructionNumber is mandatory. A single instance is required.

The unique identifier for the DeliveryInstruction.

DeliveryInstructionDate

DeliveryInstructionDate is mandatory. A single instance is required.

The Date and Time when the DeliveryInstruction was issued.

TransactionHistoryNumber

TransactionHistoryNumber is optional. A single instance might exist.

A sequential number that keeps track of the version of a document being sent by the document originator except in the case where TransactionHistoryConfirmation is used, in which case the TransactionHistoryNumber refers to the trigger transaction for which the confirmation is being sent.

DeliveryInstructionReference

DeliveryInstructionReference is optional. Multiple instances might exist.

An element detailing relevant references pertaining to the DeliveryInstruction, as indicated by the DeliveryInstructionReferenceType and AssignedBy.

SenderParty

SenderParty is mandatory. A single instance is required.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is mandatory. One instance is required, multiple instances might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

DeliveryInstructionHeaderStatusType [attribute]

DeliveryInstructionHeaderStatusType identifies the status of the DeliveryInstruction header.



This item is restricted to the following list.

Amended

The supplied information is changed.

Cancelled

The supplied information has been cancelled. Items that have been cancelled

are not included in totals on the summary levels of the e-Document.

New

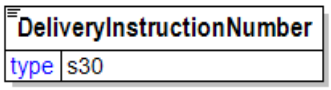
The supplied information is new and supplied for the first time.

NoAction

The supplied information has not been amended and thereby requires no action.

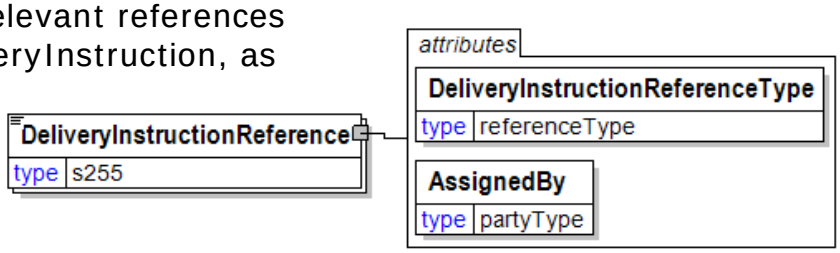
DeliveryInstructionNumber

The unique identifier for the DeliveryInstruction.



DeliveryInstructionReference

An element detailing relevant references pertaining to the DeliveryInstruction, as indicated by the



DeliveryInstructionReferenceType and AssignedBy.

DeliveryInstructionReferenceType [attribute]

DeliveryInstructionReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to DeliveryInstructionReferenceType definition for any enumerations.

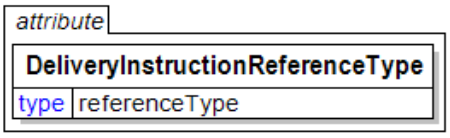
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

DeliveryInstructionReferenceType [attribute]

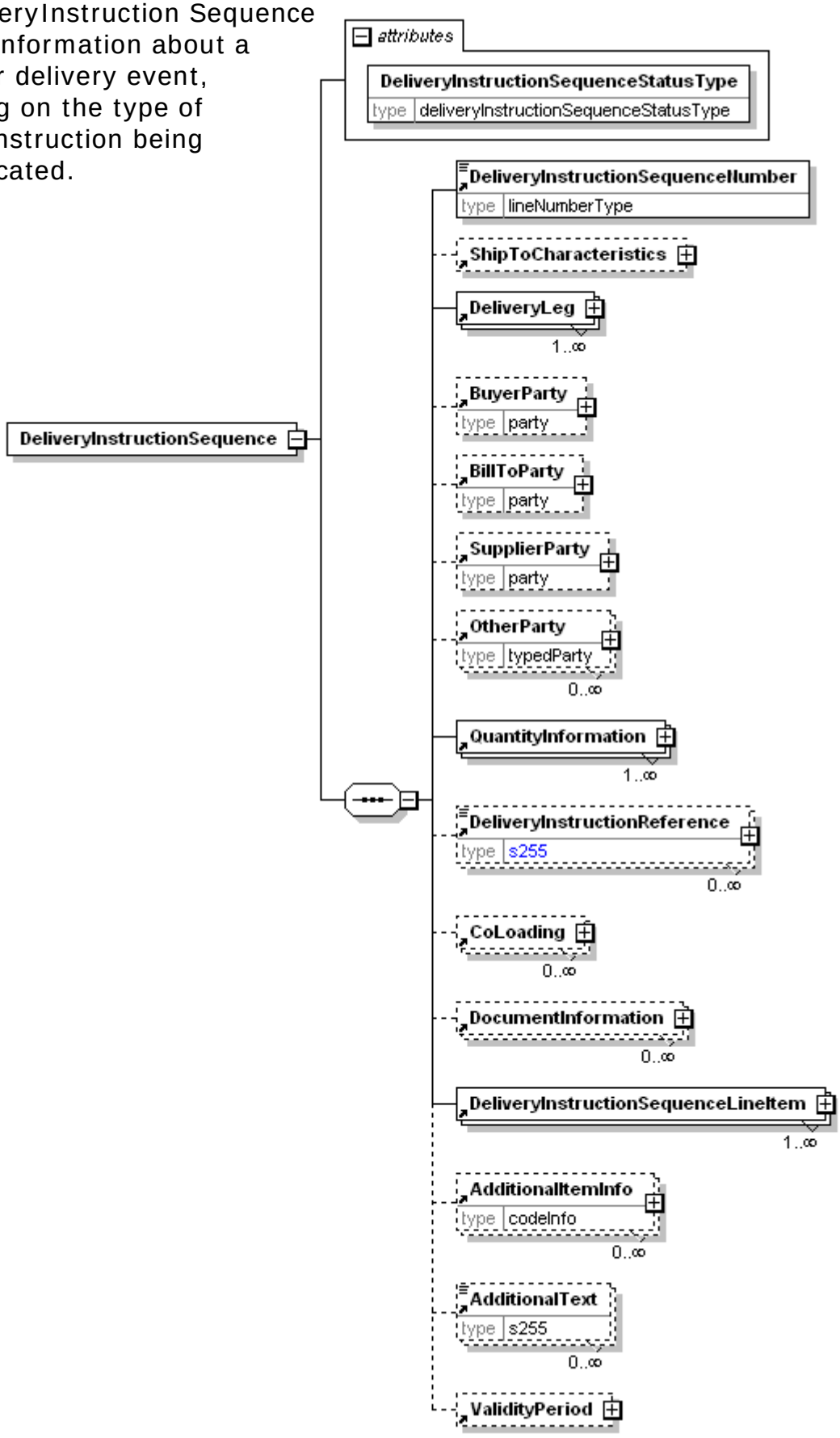


Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

DeliveryInstructionSequence

The DeliveryInstruction Sequence contains information about a loading or delivery event, depending on the type of DeliveryInstruction being communicated.



DeliveryInstructionSequenceStatusType [attribute]

DeliveryInstructionSequenceStatusType is mandatory. A single instance is required.

DeliveryInstruction sequence status type identifies the status of the DeliveryInstruction sequence

Refer to DeliveryInstructionSequenceStatusType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DeliveryInstructionSequenceNumber

DeliveryInstructionSequenceNumber is mandatory. A single instance is required.

A sequential number that uniquely identifies the Sequence of a DeliveryInstruction.

ShipToCharacteristics

ShipToCharacteristics is optional. A single instance might exist.

A group item that provides information important for the Ship-To Party.

ShipToCharacteristics may be referenced at both the header and line item level. The reference at the header is required and acts as a default for the value at the line level, unless overridden at the line level.

DeliveryLeg

DeliveryLeg is mandatory. One instance is required, multiple instances might exist.

A DeliveryLeg details the sequence, origin, transportation, and destination of each part of the delivery. More than one leg may be required if there is a change of mode, vehicle, or carrier.

Although transportation information is optional, it is strongly recommended that any transportation information available be sent.

BuyerParty

BuyerParty is optional. A single instance might exist.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

BillToParty

BillToParty is optional. A single instance might exist.

The address where the Invoice is to be sent.

SupplierParty

SupplierParty is optional. A single instance might exist.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

QuantityInformation

QuantityInformation is mandatory. One instance is required, multiple instances

might exist.

A group item containing information about quantity and informational quantity of similar items.

DeliveryInstructionReference

DeliveryInstructionReference is optional. Multiple instances might exist.

An element detailing relevant references pertaining to the DeliveryInstruction, as indicated by the DeliveryInstructionReferenceType and AssignedBy.

CoLoading

CoLoading is optional. Multiple instances might exist.

A group item specifying information about items to be loaded or loaded on the same transport unit.

Used to identify:

Delivery together to the drop point

Transport Orders stuffed together in a container

Transport Orders not splittable

DocumentInformation

DocumentInformation is optional. Multiple instances might exist.

A group element containing a specification of required documents in the business process. Additional free text to be printed on documents can also be specified.

DeliveryInstructionSequenceLineItem

DeliveryInstructionSequenceLineItem is mandatory. One instance is required, multiple instances might exist.

The group item DeliveryInstructionSequenceLineItem contains information for a line item of a DeliveryInstruction sequence. The line item specifies detail information about product quantities, loading and unloading characteristics, order numbers and other references.

AdditionalItemInfo

AdditionalItemInfo is optional. Multiple instances might exist.

A grouping element that contains information about additional items specified by an agency. Restricted use of this element is recommended.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

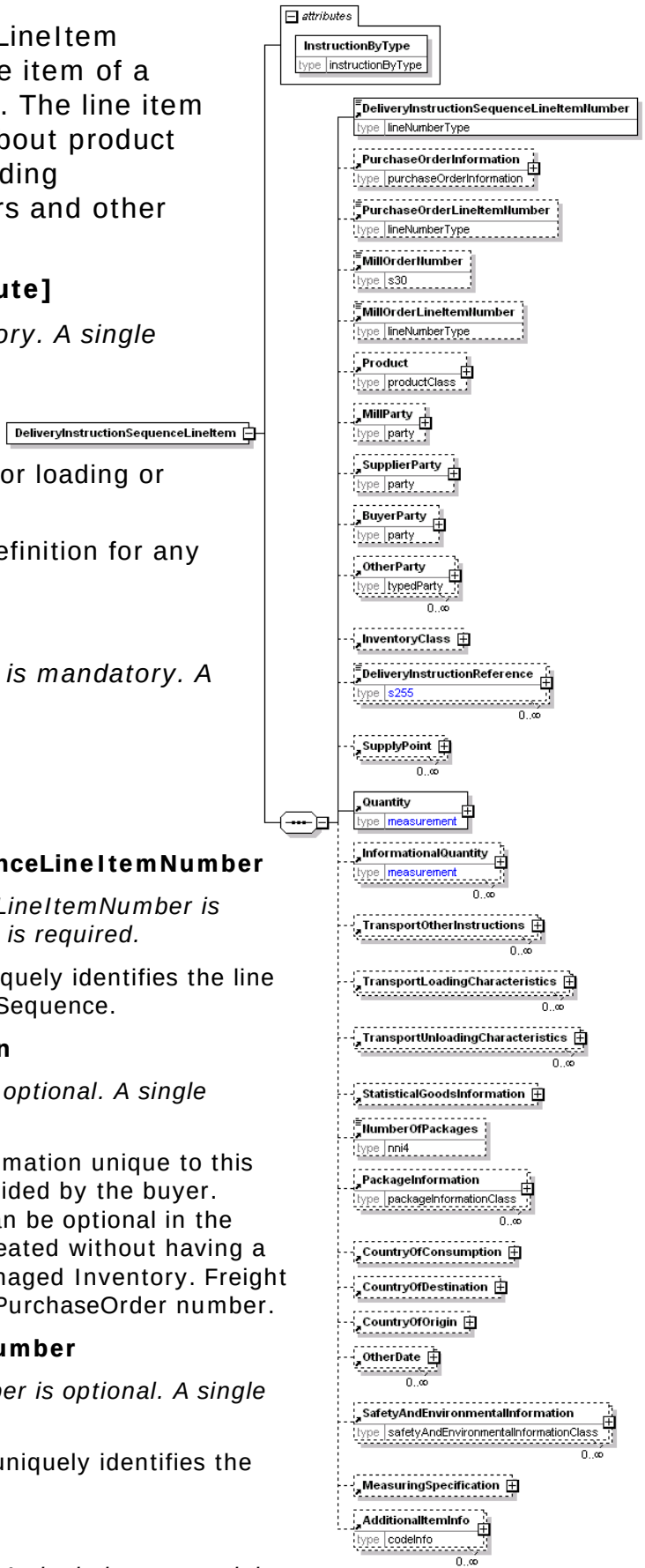
ValidityPeriod

ValidityPeriod is optional. A single instance might exist.

The validity period for a specific item, e.g. the validity period for an e-Document.

DeliveryInstructionSequenceLineItem

The group item DeliveryInstructionSequenceLineItem contains information for a line item of a DeliveryInstruction sequence. The line item specifies detail information about product quantities, loading and unloading characteristics, order numbers and other references.



InstructionByType [attribute]

InstructionByType is mandatory. A single instance is required.

Provides the type for how goods are identified on group level when instructed for loading or delivery.

Refer to InstructionByType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DeliveryInstructionSequenceLineItemNumber

DeliveryInstructionSequenceLineItemNumber is mandatory. A single instance is required.

A sequential number that uniquely identifies the line item of a DeliveryInstructionSequence.

PurchaseOrderInformation

PurchaseOrderInformation is optional. A single instance might exist.

A group item containing information unique to this PurchaseOrder, which is provided by the buyer. PurchaseOrderInformation can be optional in the supply chain. Invoices are created without having a PurchaseOrder in Vendor Managed Inventory. Freight invoices also will not have a PurchaseOrder number.

PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber is optional. A single instance might exist.

The sequential number that uniquely identifies the PurchaseOrder line item.

MillOrderNumber

MillOrderNumber is optional. A single instance might exist.

The manufacturing order number the mill uses.

MillOrderLineItemNumber

MillOrderLineItemNumber is optional. A single instance might exist.

A number that uniquely identifies the line items of the Mill Order.

Product

Product is optional. A single instance might exist.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

MillParty

MillParty is optional. A single instance might exist.

The organisation or business entity that actually produces the product.

SupplierParty

SupplierParty is optional. A single instance might exist.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

BuyerParty

BuyerParty is optional. A single instance might exist.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

InventoryClass

InventoryClass is optional. A single instance might exist.

A group item containing information about status of inventory and goods items.

DeliveryInstructionReference

DeliveryInstructionReference is optional. Multiple instances might exist.

An element detailing relevant references pertaining to the DeliveryInstruction, as indicated by the DeliveryInstructionReferenceType and AssignedBy.

SupplyPoint

SupplyPoint is optional. Multiple instances might exist.

Grouping element that contains items describing a supply point. A SupplyPoint belongs to a LocationParty, e.g. in a DeliveryOrigin or DeliveryDestination, and describes where goods are stored and can be loaded or unloaded. A SupplyPoint can for example be a loading or unloading gate at a warehouse or a road side landing at a logging area in the forest.

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

TransportOtherInstructions

TransportOtherInstructions is optional. Multiple instances might exist.

A group item defining any other instructions for the transport not covered in the description of transport mode, vehicle, unit, and loading characteristics or defining an alternative description for the categories mentioned above.

TransportLoadingCharacteristics

TransportLoadingCharacteristics is optional. Multiple instances might exist.

A group item defining how the transported items are to be loaded.

TransportUnloadingCharacteristics

TransportUnloadingCharacteristics is optional. Multiple instances might exist.

A group item defining how the transported items are to be unloaded.

StatisticalGoodsInformation

StatisticalGoodsInformation is optional. A single instance might exist.

A group item containing statistical information about handled or traded goods.

NumberOfPackages

NumberOfPackages is optional. A single instance might exist.

The number of packages in the delivery.

PackageInformation

PackageInformation is optional. Multiple instances might exist.

The purpose of the PackageInformation structure is to clearly identify physical handling items that constitute the delivery.

PackageInformation is the highest level of product packaging it describes the shipping or warehousing unit.

- If you are communicating a package, usually for logistics or transport purposes, you should include the PackageType, Identifier, ItemCount, and Quantity. (Note: you still have the ability to describe the item with one of the “named” items.)
- If you are communicating one of the named Items there is no need to include PackageType, Identifier, ItemCount, and Quantity.

Since either of these two approaches can be used the entie contents of this element are optional even though the parent may be required. It is expected that you will

fill in the appropriate details.

CountryOfConsumption

CountryOfConsumption is optional. A single instance might exist.

The country of consumption for the material.

CountryOfDestination

CountryOfDestination is optional. A single instance might exist.

The country where the goods will be, or were, shipped to.

CountryOfOrigin

CountryOfOrigin is optional. A single instance might exist.

The country of origin for the material.

OtherDate

OtherDate is optional. Multiple instances might exist.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency).

MeasuringSpecification

MeasuringSpecification is optional. A single instance might exist.

A grouping element that contains a specification for measurement procedures.

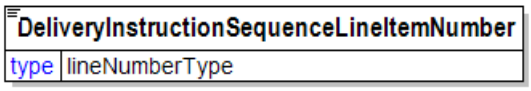
AdditionalItemInfo

AdditionalItemInfo is optional. Multiple instances might exist.

A grouping element that contains information about additional items specified by an agency. Restricted use of this element is recommended.

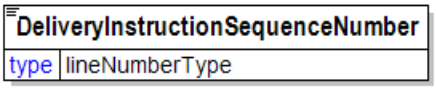
DeliveryInstructionSequenceLineItemNumber

A sequential number that uniquely identifies the line item of a DeliveryInstructionSequence.



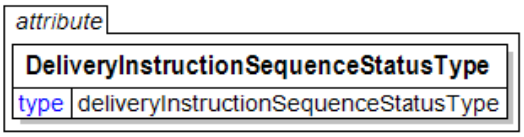
DeliveryInstructionSequenceNumber

A sequential number that uniquely identifies the Sequence of a DeliveryInstruction.



DeliveryInstructionSequenceStatusType [attribute]

DeliveryInstruction sequence status type identifies the status of the DeliveryInstruction sequence



This item is restricted to the following list.

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

New

The supplied information is new and supplied for the first time.

NoAction

The supplied information has not been amended and thereby requires no action.

Replaced

The supplied information is replacing earlier supplied information. The receiver should revalidate the information in their system based upon the entire information received.

DeliveryInstructionStatusType [attribute]

Identifies the status of the entire DeliveryInstruction (in other words, at the root level).



This item is restricted to the following list.

Amended

The supplied information is changed

Cancelled

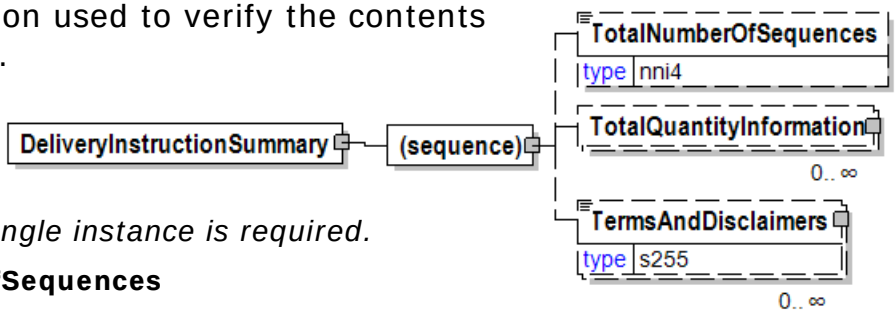
The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

Original

The supplied information is the first version of that information.

DeliveryInstructionSummary

The DeliveryInstruction Summary provides summary information used to verify the contents of the e-Document.



(sequence)

The sequence of items below is mandatory. A single instance is required.

TotalNumberOfSequences

TotalNumberOfSequences is optional. A single instance might exist.

The total number of sequences in the document.

TotalQuantityInformation

TotalQuantityInformation is optional. Multiple instances might exist.

A group item containing information about the total quantity and total informational quantity of similar items in the document. TotalQuantityInformation is primarily used in the summary section of e-Documents where it is repeatable to permit totalling for different units of measure.

TermsAndDisclaimers

TermsAndDisclaimers is optional. Multiple instances might exist.

An element that contains legal information with an indication of what the Language is.

DeliveryInstructionType [attribute]

DeliveryInstructionType defines the type of DeliveryInstruction.



This item is restricted to the following list.

AvailabilityInstruction

An AvailabilityInstruction can specify many delivery events. Each event can contain quantity for one or many loads, but does not specify the load. A DeliveryInstruction type DeliveryInstruction specifies more details for the events in an AvailabilityInstruction. AvailabilityInstruction can also be handled by the company responsible for the delivery independently if so agreed.

DeliveryInstruction

A DeliveryInstruction can specify many delivery events. Each event can contain quantity for one or many loads. A sequence in a DeliveryInstruction specifies all details for one event. The receiver of a DeliveryInstruction can generate many Loading Instructions from one DeliveryInstruction.

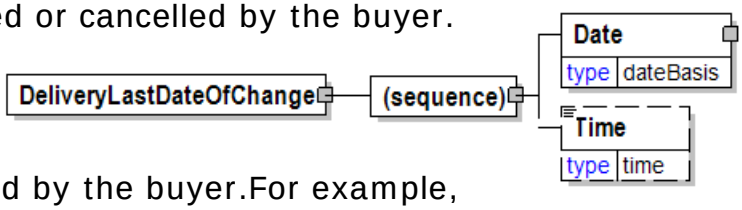
LoadingInstruction

A Loading Instruction specifies loading of transport units. A Forwarder receiving a DeliveryInstruction from a supplier can convert it into many Loading Instructions, which are sent to a Warehouse Operator. A sequence in a Loading Instruction specifies all details how to load one transport unit. A Loading Instruction can include goods from many delivery instructions and

also goods belonging to many suppliers.

DeliveryLastDateOfChange

The final Date and optionally Time that a line item or delivery line may be amended or cancelled by the buyer.



The final Date and optionally Time that a line item or delivery line may be amended or cancelled by the buyer.For example, the buyer can cancel each a delivery line before the DeliveryLastDateOfChange received from the seller on the OrderConfirmation.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

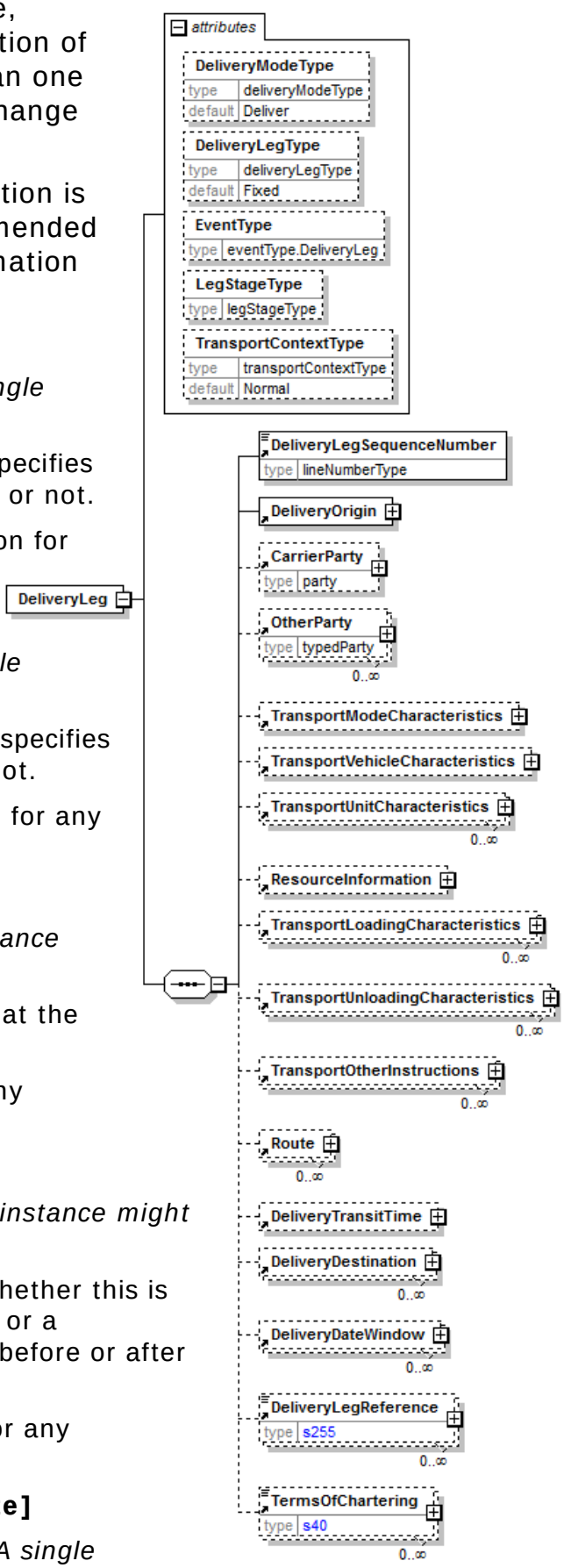
Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

DeliveryLeg

A DeliveryLeg details the sequence, origin, transportation, and destination of each part of the delivery. More than one leg may be required if there is a change of mode, vehicle, or carrier.

Although transportation information is optional, it is strongly recommended that any transportation information available be sent.



DeliveryModeType [attribute]

DeliveryModeType is optional. A single instance might exist.

Provides delivery mode type that specifies if transport arrangement is needed or not.

Refer to DeliveryModeType definition for any enumerations.

DeliveryLegType [attribute]

DeliveryLegType is optional. A single instance might exist.

Provides the delivery leg type that specifies if delivery schedule is supplied or not.

Refer to DeliveryLegType definition for any enumerations.

EventType [attribute]

EventType is optional. A single instance might exist.

The type of transportation event that the DeliveryLeg represents.

Refer to EventType definition for any enumerations.

LegStageType [attribute]

LegStageType is optional. A single instance might exist.

LegStageType is used to identify whether this is the primary transportation process or a transportation process that comes before or after the main transportation process.

Refer to LegStageType definition for any enumerations.

TransportContextType [attribute]

TransportContextType is optional. A single instance might exist.

Provides information about the reason for the transport.

Refer to TransportContextType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DeliveryLegSequenceNumber

DeliveryLegSequenceNumber is mandatory. A single instance is required.

The sequential number of the delivery leg. Applicable to multiple delivery segments.

DeliveryOrigin

DeliveryOrigin is mandatory. A single instance is required.

A group item that represents the start of one leg in a route. Compare to DeliveryDestination.

The DeliveryOrigin specifies the start of one leg of the delivery.

In order to comply with the US Trade Act of 2002 you would use this element with a LocationParty/@PartyType of Port.

CarrierParty

CarrierParty is optional. A single instance might exist.

The party performing the transport of the product from the pickup location to the ship-to location; could be a hauler.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

TransportModeCharacteristics

TransportModeCharacteristics is optional. A single instance might exist.

A group item defining the primary mode of transport.

TransportVehicleCharacteristics

TransportVehicleCharacteristics is optional. A single instance might exist.

A group item containing information about a transport vehicle, e.g. a truck. A transport vehicle has its own power and can be used to pull, push, carry, or tow a transport unit loaded with goods.

TransportUnitCharacteristics

TransportUnitCharacteristics is optional. Multiple instances might exist.

A group item containing information about a transport unit, e.g. a trailer. Transport units contain goods and move using power from another source, the transport vehicle.

ResourceInformation

ResourceInformation is optional. A single instance might exist.

A group item that contains information for specification of resources.

TransportLoadingCharacteristics

TransportLoadingCharacteristics is optional. Multiple instances might exist.

A group item defining how the transported items are to be loaded.

TransportUnloadingCharacteristics

TransportUnloadingCharacteristics is optional. Multiple instances might exist.

A group item defining how the transported items are to be unloaded.

TransportOtherInstructions

TransportOtherInstructions is optional. Multiple instances might exist.

A group item defining any other instructions for the transport not covered in the description of transport mode, vehicle, unit, and loading characteristics or defining an alternative description for the categories mentioned above.

Route

Route is optional. Multiple instances might exist.

Route defines directions and characteristics for how to transport goods between two locations. A route starts at delivery origin or at the supplypoint belonging to the delivery origin.

DeliveryTransitTime

DeliveryTransitTime is optional. A single instance might exist.

A group item representing the number of Days and optionally Hours and Minutes between origin and destination for a DeliveryLeg.

DeliveryDestination

DeliveryDestination is optional. A Multiple instances might exist.

The DeliveryDestination specifies the end of one leg of the delivery. In order to comply with the US Trade Act of 2002 you would use this element with a LocationParty/@PartyType of Port.

DeliveryDateWindow

DeliveryDateWindow is optional. Multiple instances might exist.

A group item defining the date/time interval for delivery to take place. An element which may contain the estimated date for which delivery is expected. This date is not absolute.

DeliveryLegReference

DeliveryLegReference is optional. Multiple instances might exist.

A reference that applies to the delivery leg.

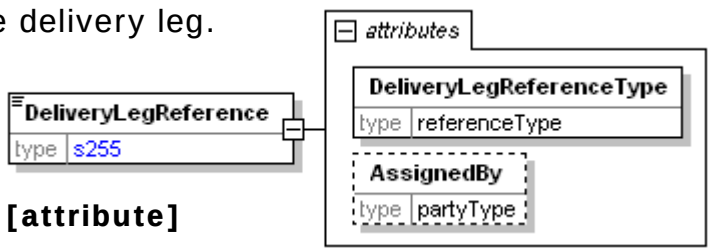
TermsOfChartering

TermsOfChartering is optional. Multiple instances might exist.

The terms of the vessel chartering. There are multiple types of TermsOfChartering that need to be specified. E.g.: Loading Terms and Unloading Terms

DeliveryLegReference

A reference that applies to the delivery leg.



DeliveryLegReferenceType [attribute]

DeliveryLegReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to DeliveryLegReferenceType definition for any enumerations.

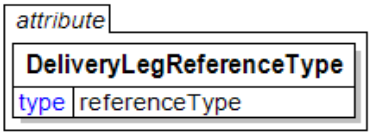
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

DeliveryLegReferenceType [attribute]

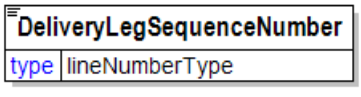


Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

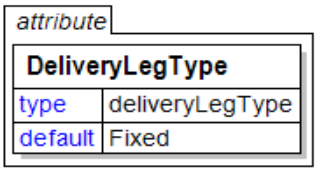
DeliveryLegSequenceNumber

The sequential number of the delivery leg. Applicable to multiple delivery segments.



DeliveryLegType [attribute]

Provides the delivery leg type that specifies if delivery schedule is supplied or not.



This item is restricted to the following list.

Fixed

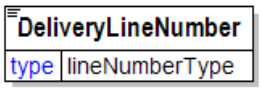
The delivery schedule is supplied and defined.

Open

The delivery schedule is open and will be given later by other party. This type is often used when goods are picked-up at the warehouse by customer.

DeliveryLineNumber

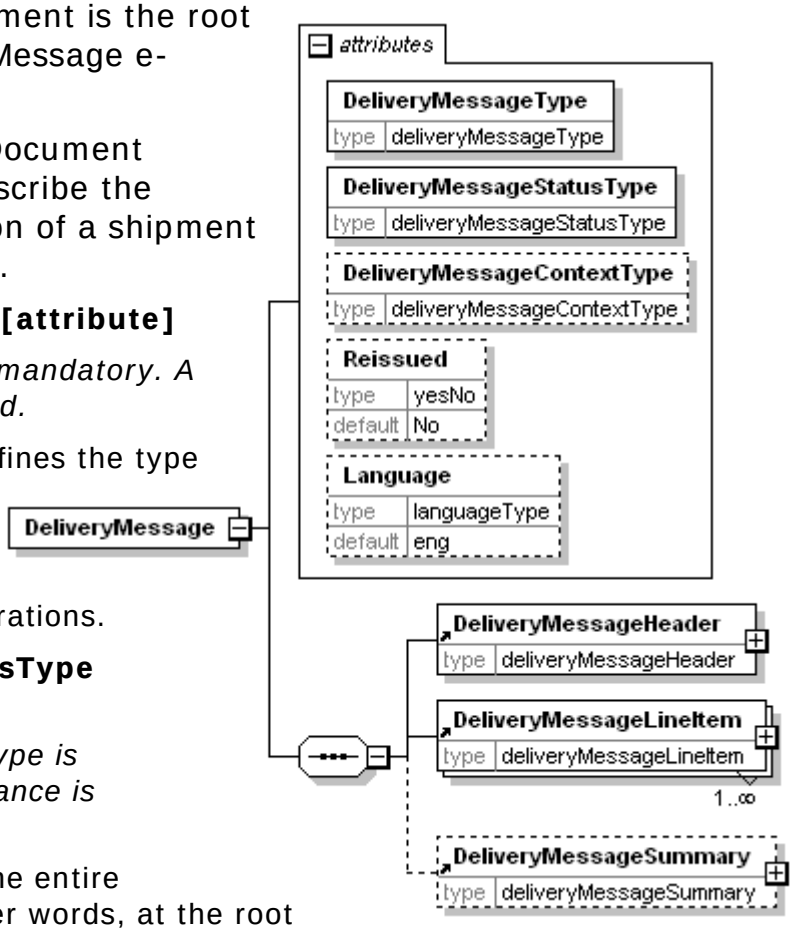
A sequential number that uniquely identifies a delivery line of the DeliverySchedule; a delivery line consists of a quantity and a date range for the delivery to take place.



DeliveryMessage

The DeliveryMessage element is the root element for the DeliveryMessage e-Document.

The DeliveryMessage e-Document enables the sender to describe the contents and configuration of a shipment at various levels of detail.



DeliveryMessageType [attribute]

DeliveryMessageType is mandatory. A single instance is required.

DeliveryMessageType defines the type of DeliveryMessage.

Refer to DeliveryMessageType definition for any enumerations.

DeliveryMessageStatusType [attribute]

DeliveryMessageStatusType is mandatory. A single instance is required.

Identifies the status of the entire DeliveryMessage (in other words, at the root level).

Refer to DeliveryMessageStatusType definition for any enumerations.

DeliveryMessageContextType [attribute]

DeliveryMessageContextType is optional. A single instance might exist.

Communicates the reason for this delivery. If not present then this is a standard, typical delivery.

Refer to DeliveryMessageContextType definition for any enumerations.

Reissued [attribute]

Reissued is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Reissued definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DeliveryMessageHeader

DeliveryMessageHeader is mandatory. A single instance is required.

The DeliveryMessageHeader contains information common to the entire delivery.

DeliveryMessageLineItem

DeliveryMessageLineItem is mandatory. One instance is required, multiple instances might exist.

The DeliveryMessageLineItem specifies details for an individual delivery line.

DeliveryMessageSummary

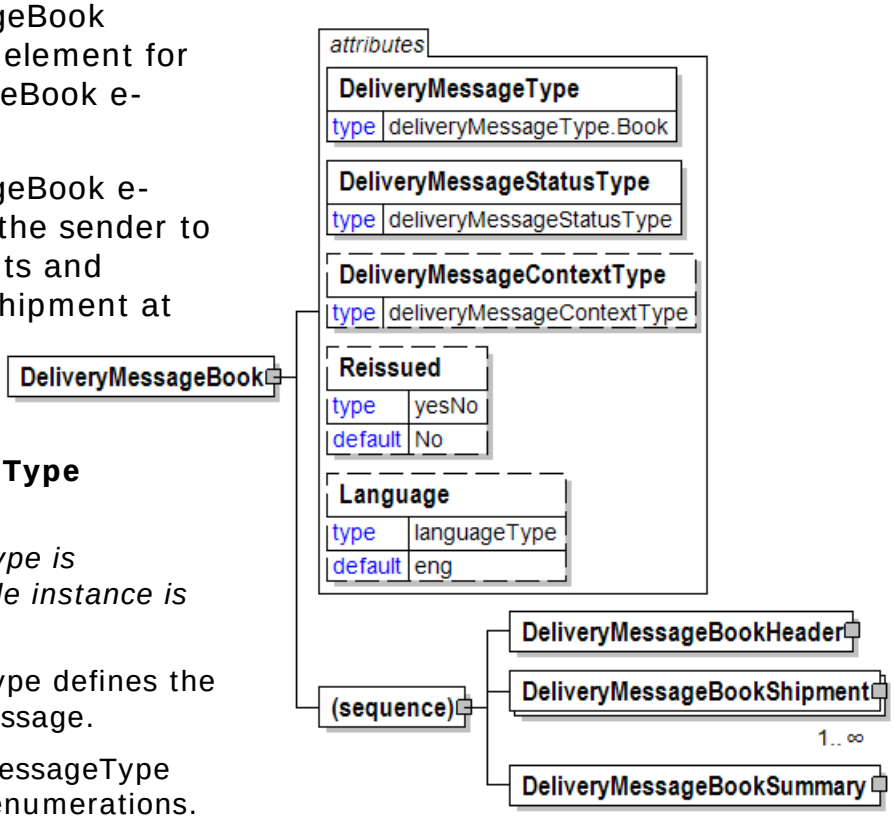
DeliveryMessageSummary is optional. A single instance might exist.

Summary information that applies to the entire DeliveryMessage.

DeliveryMessageBook

The DeliveryMessageBook element is the root element for the DeliveryMessageBook e-Document.

The DeliveryMessageBook e-Document enables the sender to describe the contents and configuration of a shipment at various levels of detail.



DeliveryMessageType [attribute]

DeliveryMessageType is mandatory. A single instance is required.

DeliveryMessageType defines the type of DeliveryMessage.

Refer to DeliveryMessageType definition for any enumerations.

DeliveryMessageStatusType [attribute]

DeliveryMessageStatusType is mandatory. A single instance is required.

Identifies the status of the entire DeliveryMessage (in other words, at the root level).

Refer to DeliveryMessageStatusType definition for any enumerations.

DeliveryMessageContextType [attribute]

DeliveryMessageContextType is optional. A single instance might exist.

Communicates the reason for this delivery. If not present then this is a standard, typical delivery.

Refer to DeliveryMessageContextType definition for any enumerations.

Reissued [attribute]

Reissued is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Reissued definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DeliveryMessageBookHeader

DeliveryMessageBookHeader is mandatory. A single instance is required.

The DeliveryMessageBookHeader is required and contains information common to the entire delivery.

DeliveryMessageBookShipment

DeliveryMessageBookShipment is mandatory. One instance is required, multiple instances might exist.

DeliveryMessageBookShipment is required. The DeliveryMessageBookShipment specifies an individual shipment. It may contain many shipment line items.

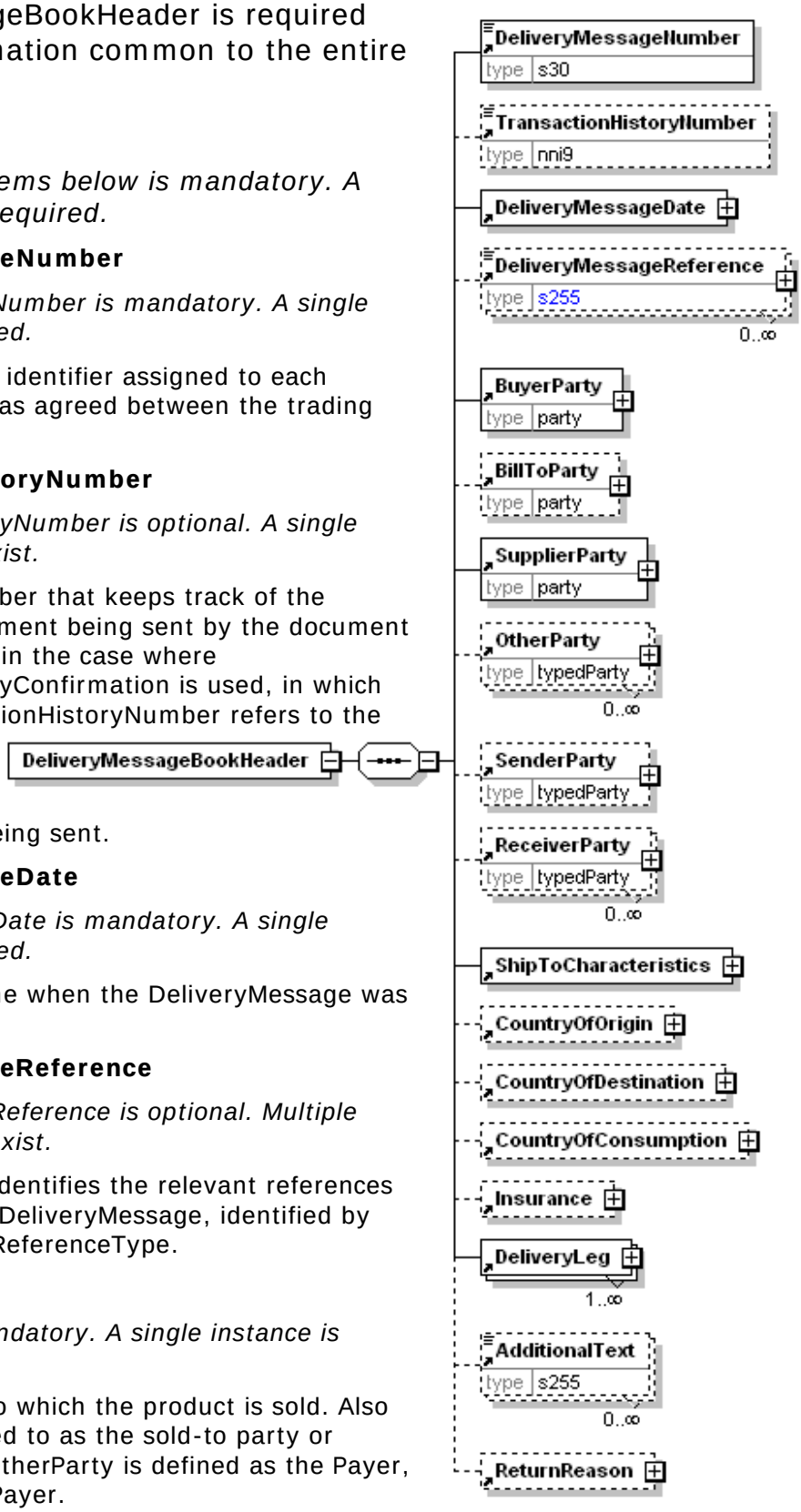
DeliveryMessageBookSummary

DeliveryMessageBookSummary is mandatory. A single instance is required.

DeliveryMessageBookSummary is a required element.

DeliveryMessageBookHeader

The DeliveryMessageBookHeader is required and contains information common to the entire delivery.



(sequence)

The sequence of items below is mandatory. A single instance is required.

DeliveryMessageNumber

DeliveryMessageNumber is mandatory. A single instance is required.

A unique delivery identifier assigned to each DeliveryMessage as agreed between the trading partners.

TransactionHistoryNumber

TransactionHistoryNumber is optional. A single instance might exist.

A sequential number that keeps track of the version of a document being sent by the document originator except in the case where TransactionHistoryConfirmation is used, in which case the TransactionHistoryNumber refers to the trigger transaction for which the confirmation is being sent.

DeliveryMessageDate

DeliveryMessageDate is mandatory. A single instance is required.

The Date and Time when the DeliveryMessage was issued.

DeliveryMessageReference

DeliveryMessageReference is optional. Multiple instances might exist.

An element that identifies the relevant references pertaining to the DeliveryMessage, identified by DeliveryMessageReferenceType.

BuyerParty

BuyerParty is mandatory. A single instance is required.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

BillToParty

BillToParty is optional. A single instance might exist.

The address where the Invoice is to be sent.

SupplierParty

SupplierParty is mandatory. A single instance is required.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

SenderParty

SenderParty is optional. A single instance might exist.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is optional. Multiple instances might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

ShipToCharacteristics

ShipToCharacteristics is mandatory. A single instance is required.

A group item that provides information important for the Ship-To Party.

ShipToCharacteristics may be referenced at both the header and line item level. The reference at the header is required and acts as a default for the value at the line level, unless overridden at the line level.

CountryOfOrigin

CountryOfOrigin is optional. A single instance might exist.

The country of origin for the material.

CountryOfDestination

CountryOfDestination is optional. A single instance might exist.

The country where the goods will be, or were, shipped to.

CountryOfConsumption

CountryOfConsumption is optional. A single instance might exist.

The country of consumption for the material.

Insurance

Insurance is optional. A single instance might exist.

Group element containing information about insurance

DeliveryLeg

DeliveryLeg is mandatory. One instance is required, multiple instances might exist.

A DeliveryLeg details the sequence, origin, transportation, and destination of each part of the delivery. More than one leg may be required if there is a change of mode, vehicle, or carrier.

Although transportation information is optional, it is strongly recommended that any transportation information available be sent.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

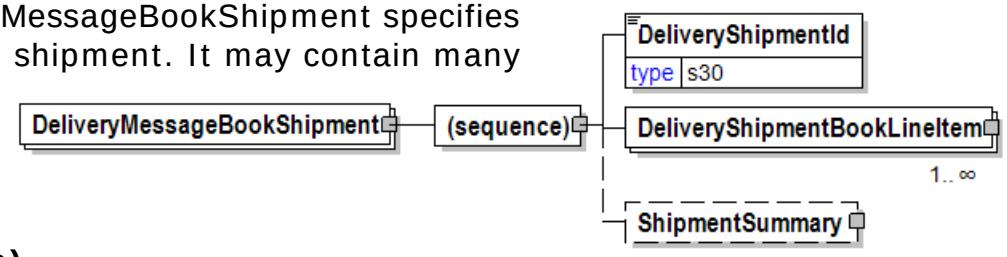
ReturnReason

ReturnReason is optional. A single instance might exist.

A group item containing the reason for the Return

DeliveryMessageBookShipment

DeliveryMessageBookShipment is required. The DeliveryMessageBookShipment specifies an individual shipment. It may contain many shipment line items.



(sequence)

The sequence of items below is mandatory. A single instance is required.

DeliveryShipmentId

DeliveryShipmentId is mandatory. A single instance is required.

Unique identifier for the shipment

DeliveryShipmentBookLineItem

DeliveryShipmentBookLineItem is mandatory. One instance is required, multiple instances might exist.

DeliveryShipmentBookLineItem is required. The DeliveryShipmentBookLineItem specifies an individual shipment delivery line for one PurchaseOrder and PurchaseOrder line item.

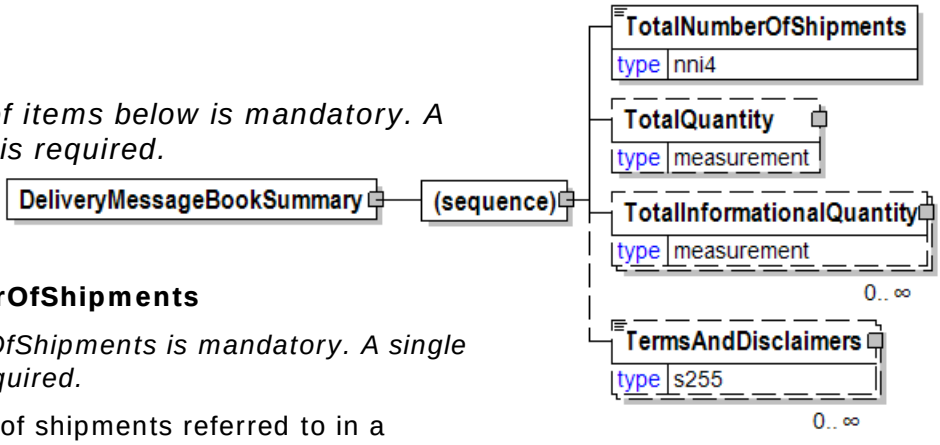
ShipmentSummary

ShipmentSummary is optional. A single instance might exist.

Summery information for an entire shipment

DeliveryMessageBookSummary

DeliveryMessageBookSummary is a required element.



(sequence)

The sequence of items below is mandatory. A single instance is required.

TotalNumberOfShipments

TotalNumberOfShipments is mandatory. A single instance is required.

Total number of shipments referred to in a DeliveryMessage.

TotalQuantity

TotalQuantity is optional. A single instance might exist.

The total quantity of similar items in the e-Document. TotalQuantity is primarily used in the summary section of documents where it is repeatable to permit totaling for different units of measure.

TotalInformationalQuantity

TotalInformationalQuantity is optional. Multiple instances might exist.

A quantity that is used to communicate related information about the parent element. This element represents a total that is derived from individual line items.

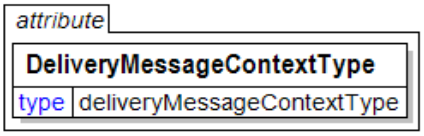
TermsAndDisclaimers

TermsAndDisclaimers is optional. Multiple instances might exist.

An element that contains legal information with an indication of what the Language is.

DeliveryMessageContextType [attribute]

Communicates the reason for this delivery. If not present then this is a standard, typical delivery.



This item is restricted to the following list.

Return

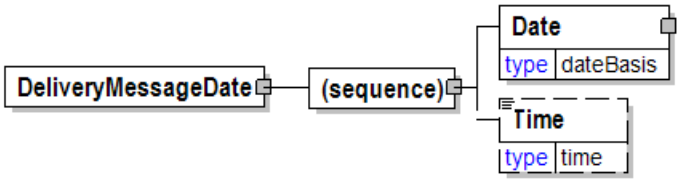
The delivery supports the goods return process.

DeliveryMessageDate

The Date and Time when the DeliveryMessage was issued.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

DeliveryMessageHeader

The DeliveryMessageHeader contains information common to the entire delivery.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DeliveryMessageNumber

DeliveryMessageNumber is mandatory. A single instance is required.

A unique delivery identifier assigned to each DeliveryMessage as agreed between the trading partners.

TransactionHistoryNumber

TransactionHistoryNumber is optional. A single instance might exist.

A sequential number that keeps track of the version of a document being sent by the document originator except in the case where TransactionHistoryConfirmation is used, in which case the TransactionHistoryNumber refers to the trigger transaction for which the confirmation is being sent.



DeliveryMessageDate

DeliveryMessageDate is mandatory. A single instance is required.

The Date and Time when the DeliveryMessage was issued.

DeliveryMessageReason

DeliveryMessageReason is optional. Multiple instances might exist.

A group item containing the reason for issuing the DeliveryMessage e-Document.

DeliveryMessageReference

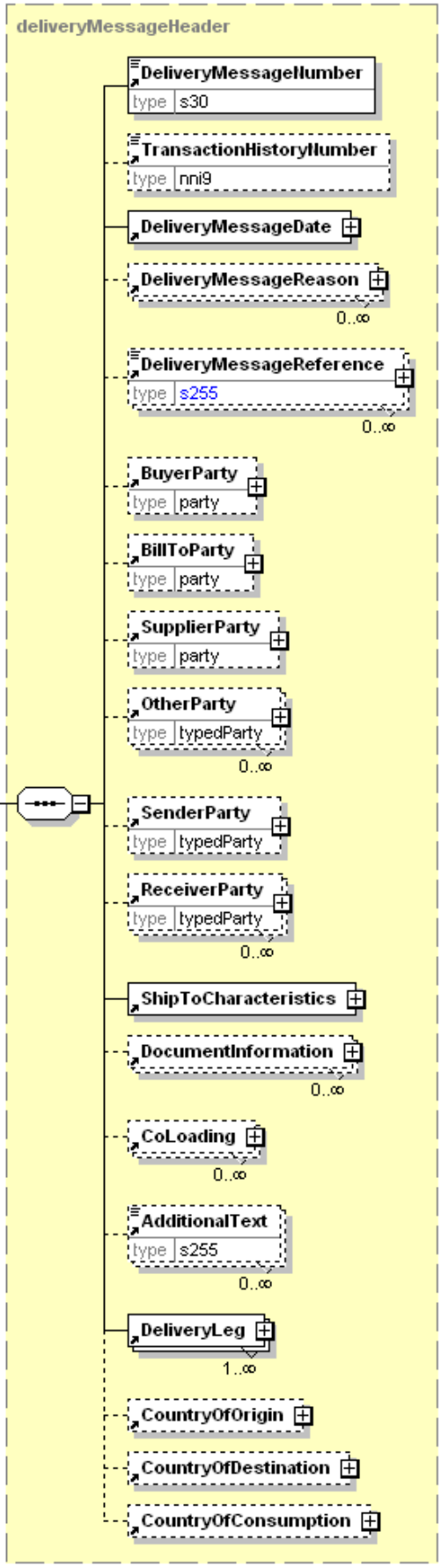
DeliveryMessageReference is optional. Multiple instances might exist.

An element that identifies the relevant references pertaining to the DeliveryMessage, identified by DeliveryMessageReferenceType.

BuyerParty

BuyerParty is optional. A single instance might exist.

The legal entity to which the product is sold. Also commonly referred to as the sold-



to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

BillToParty

BillToParty is optional. A single instance might exist.

The address where the Invoice is to be sent.

SupplierParty

SupplierParty is optional. A single instance might exist.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

SenderParty

SenderParty is optional. A single instance might exist.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is optional. Multiple instances might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

ShipToCharacteristics

ShipToCharacteristics is mandatory. A single instance is required.

A group item that provides information important for the Ship-To Party.

ShipToCharacteristics may be referenced at both the header and line item level. The reference at the header is required and acts as a default for the value at the line level, unless overridden at the line level.

DocumentInformation

DocumentInformation is optional. Multiple instances might exist.

A group element containing a specification of required documents in the business process. Additional free text to be printed on documents can also be specified.

CoLoading

CoLoading is optional. Multiple instances might exist.

A group item specifying information about items to be loaded or loaded on the same transport unit.

Used to identify:

Delivery together to the drop point

Transport Orders stuffed together in a container

Transport Orders not splittable

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

DeliveryLeg

DeliveryLeg is mandatory. One instance is required, multiple instances might exist.

A DeliveryLeg details the sequence, origin, transportation, and destination of each part of the delivery. More than one leg may be required if there is a change of mode, vehicle, or carrier.

Although transportation information is optional, it is strongly recommended that any transportation information available be sent.

CountryOfOrigin

CountryOfOrigin is optional. A single instance might exist.

The country of origin for the material.

CountryOfDestination

CountryOfDestination is optional. A single instance might exist.

The country where the goods will be, or were, shipped to.

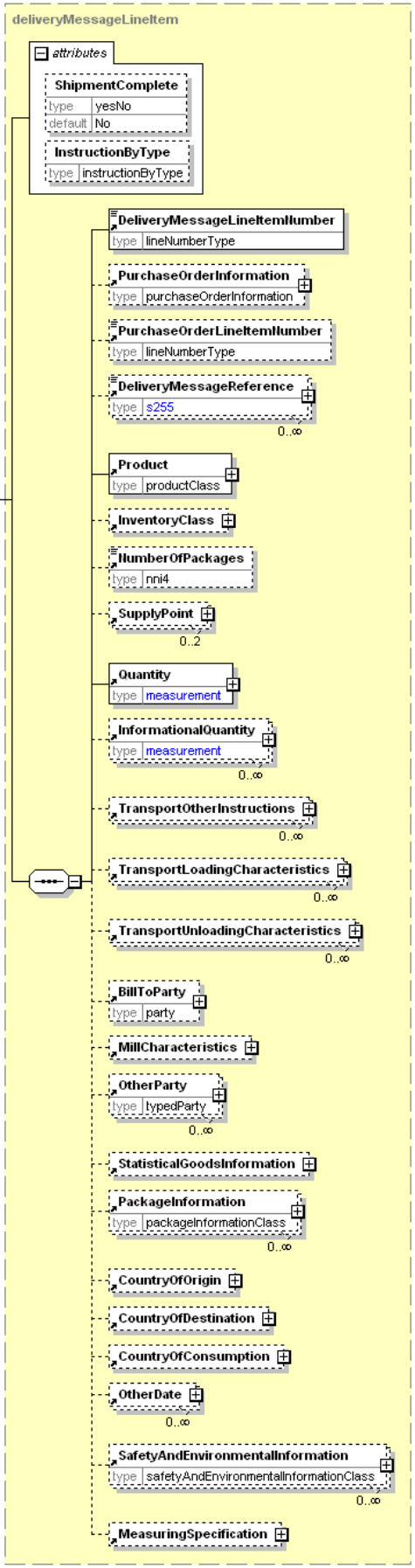
CountryOfConsumption

CountryOfConsumption is optional. A single instance might exist.

The country of consumption for the material.

DeliveryMessageLineItem

The DeliveryMessageLineItem specifies details for an individual delivery line.





ShipmentComplete [attribute]

ShipmentComplete is optional. A single instance might exist.

Indicates that all shipments for the particular delivery item are complete

Refer to ShipmentComplete definition for any enumerations.

InstructionByType [attribute]

InstructionByType is optional. A single instance might exist.

Provides the type for how goods are identified on group level when instructed for loading or delivery.

Refer to InstructionByType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DeliveryMessageLineItem Number

DeliveryMessageLineItemNumber is mandatory. A single instance is required.

The sequential number that uniquely identifies the delivery line item.

PurchaseOrderInformation

PurchaseOrderInformation is optional. A single instance might exist.

A group item containing information unique to this PurchaseOrder, which is provided by the buyer. PurchaseOrderInformation can be optional in the supply chain. Invoices are created without having a PurchaseOrder in Vendor Managed Inventory. Freight invoices also will not have a PurchaseOrder number.

PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber is optional. A single instance might exist.

The sequential number that uniquely identifies the PurchaseOrder line item.

DeliveryMessageReference

DeliveryMessageReference is optional. Multiple instances might exist.

An element that identifies the relevant references pertaining to the DeliveryMessage, identified by DeliveryMessageReferenceType.

Product

Product is mandatory. A single instance is required.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

InventoryClass

InventoryClass is optional. A single instance might exist.

A group item containing information about status of inventory and goods items.

NumberOfPackages

NumberOfPackages is optional. A single instance might exist.

The number of packages in the delivery.

SupplyPoint

SupplyPoint is optional. Two instances might exist.

Grouping element that contains items describing a supply point. A SupplyPoint belongs to a LocationParty, e.g. in a DeliveryOrigin or DeliveryDestination, and describes where goods are stored and can be loaded or unloaded. A SupplyPoint can for example be a loading or unloading gate at a warehouse or a road side landing at a logging area in the forest.

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

TransportOtherInstructions

TransportOtherInstructions is optional. Multiple instances might exist.

A group item defining any other instructions for the transport not covered in the description of transport mode, vehicle, unit, and loading characteristics or defining an alternative description for the categories mentioned above.

TransportLoadingCharacteristics

TransportLoadingCharacteristics is optional. Multiple instances might exist.

A group item defining how the transported items are to be loaded.

TransportUnloadingCharacteristics

TransportUnloadingCharacteristics is optional. Multiple instances might exist

A group item defining how the transported items are to be unloaded.

BillToParty

BillToParty is optional. A single instance might exist.

The address where the Invoice is to be sent.

MillCharacteristics

MillCharacteristics is optional. A single instance might exist.

A group item defining the mill party and machine identifier where a product is or was produced.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

StatisticalGoodsInformation

StatisticalGoodsInformation is optional. A single instance might exist.

A group item containing statistical information about handled or traded goods.

PackageInformation

PackageInformation is optional. Multiple instances might exist.

The purpose of the PackageInformation structure is to clearly identify physical handling items that constitute the delivery.

PackageInformation is the highest level of product packaging it describes the shipping or warehousing unit.

- If you are communicating a package, usually for logistics or transport purposes, you should include the PackageType, Identifier, ItemCount, and Quantity. (Note: you still have the ability to describe the item with one of the “named” items.)
- If you are communicating one of the named Items there is no need to include PackageType, Identifier, ItemCount, and Quantity.

Since either of these two approaches can be used the entie contents of this element are optional even though the parent may be required. It is expected that you will fill in the appropriate details.

CountryOfOrigin

CountryOfOrigin is optional. A single instance might exist.

The country of origin for the material.

CountryOfDestination

CountryOfDestination is optional. A single instance might exist.

The country where the goods will be, or were, shipped to.

CountryOfConsumption

CountryOfConsumption is optional. A single instance might exist.

The country of consumption for the material.

OtherDate

OtherDate is optional. Multiple instances might exist.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency).

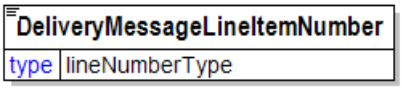
MeasuringSpecification

MeasuringSpecification is optional. A single instance might exist.

A grouping element that contains a specification for measurement procedures.

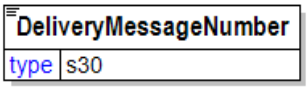
DeliveryMessageLineItemNumber

The sequential number that uniquely identifies the delivery line item.



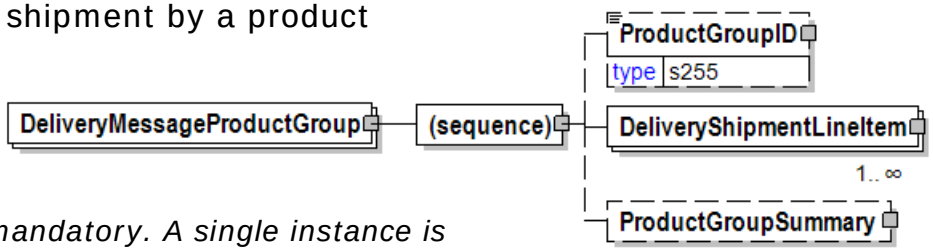
DeliveryMessageNumber

A unique delivery identifier assigned to each DeliveryMessage as agreed between the trading partners.



DeliveryMessageProductGroup

The DeliveryMessageProductGroup permits the organization of a shipment by a product grouping.



(sequence)

The sequence of items below is mandatory. A single instance is required.

ProductGroupID

ProductGroupID is optional. A single instance might exist.

Possibility to group packages or Shipments. Example: Creating temporary group ID's for logistic reasons or lot number.

DeliveryShipmentLineItem

DeliveryShipmentLineItem is mandatory. One instance is required, multiple instances might exist.

The DeliveryShipmentLineItem specifies an individual delivery line for one order and order line item.

PackageInformation will be deprecated in the version following V2R30, it has been replaced with TransportPackageInformation.

You are encouraged to use TransportPackageInformation.

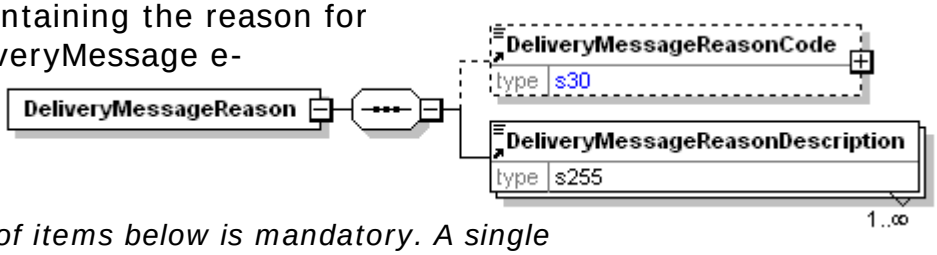
ProductGroupSummary

ProductGroupSummary is optional. A single instance might exist.

Group of elements to provide summary information on product level.

DeliveryMessageReason

A group item containing the reason for issuing the DeliveryMessage e-Document.



(sequence)

The sequence of items below is mandatory. A single instance is required.

DeliveryMessageReasonCode

DeliveryMessageReasonCode is optional. A single instance might exist.

A code specifying the reason for issuing the DeliveryMessage e-Document.

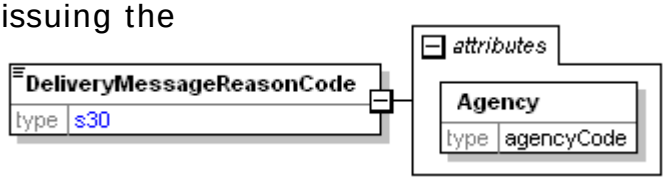
DeliveryMessageReasonDescription

DeliveryMessageReasonDescription is mandatory. One instance is required, multiple instances might exist.

A text describing the reason for issuing the DeliveryMessage e-Document.

DeliveryMessageReasonCode

A code specifying the reason for issuing the DeliveryMessage e-Document.



Agency [attribute]

Agency is mandatory. A single instance is required.

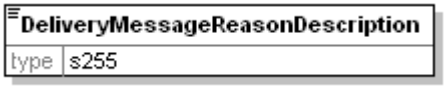
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

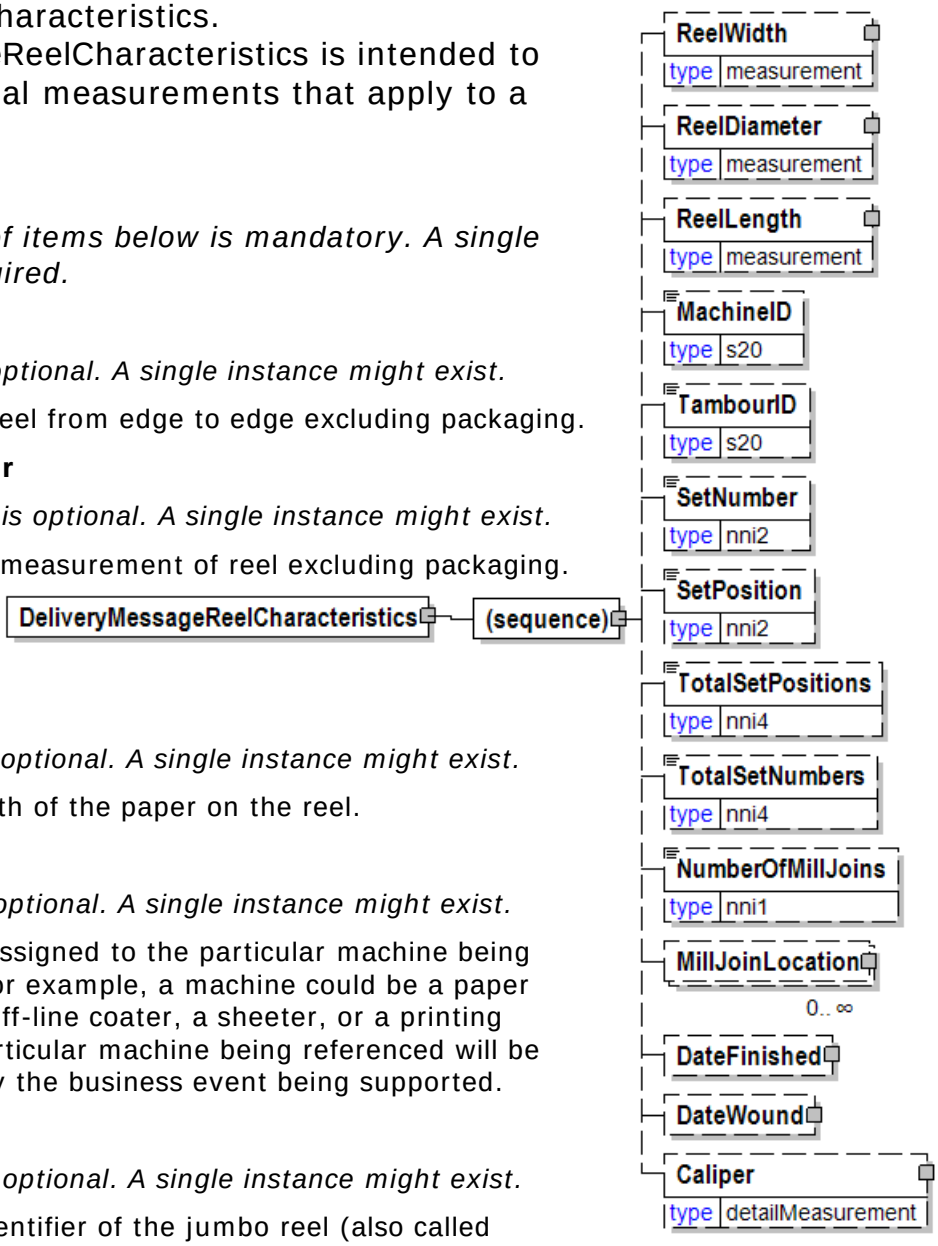
DeliveryMessageReasonDescription

A text describing the reason for issuing the DeliveryMessage e-Document.



DeliveryMessageReelCharacteristics

A group item for actual measurement and manufacturing characteristics. DeliveryMessageReelCharacteristics is intended to indicate the actual measurements that apply to a reel.



(sequence)

The sequence of items below is mandatory. A single instance is required.

ReelWidth

ReelWidth is optional. A single instance might exist.

The width of reel from edge to edge excluding packaging.

ReelDiameter

ReelDiameter is optional. A single instance might exist.

The diameter measurement of reel excluding packaging.

ReelLength

ReelLength is optional. A single instance might exist.

The total length of the paper on the reel.

MachineID

MachineID is optional. A single instance might exist.

An identifier assigned to the particular machine being referenced. For example, a machine could be a paper machine, an off-line coater, a sheeter, or a printing press. The particular machine being referenced will be determined by the business event being supported.

TambourID

TambourID is optional. A single instance might exist.

The unique identifier of the jumbo reel (also called mother reel or Tambour).

SetNumber

SetNumber is optional. A single instance might exist.

The part of the radius of the Tambour that constitutes the reel.

SetPosition

SetPosition is optional. A single instance might exist.

The position of the reel in relation to the reels cut across the Tambour.

TotalSetPositions

TotalSetPositions is optional. A single instance might exist.

The total number of reels cut across the Tambour (in the width direction). Tambour is also called jumbo reel or mother reel.

TotalSetNumbers

TotalSetNumbers is optional. A single instance might exist.

The total number of sets wound from the Tambour (in the radial direction). Tambour is also called jumbo reel or mother reel.

NumberOfMillJoins

NumberOfMillJoins is optional. A single instance might exist.

The number of joins in the reel.

MillJoinLocation

MillJoinLocation is optional. Multiple instances might exist.

A group element detailing the location of each mill join in a reel. The element DeliveryMessageReelCharacteristics/ NumberOfMillJoins gives the total number of joins in a reel. DeliveryMessageReelCharacteristics/MillJoinLocation would be repeated the NumberOfMillJoin times.

DateFinished

DateFinished is optional. A single instance might exist.

The Date and optionally the Time that an item was finished. For example, this could be the wrapping date for a reel or ream or the date the sheet(s) were packaged in preparation for shipment

DateWound

DateWound is optional. A single instance might exist.

The Date and optionally the Time that a reel was wound or produced from its parent. RewoundIndicator indicates if the reel has been rewound.

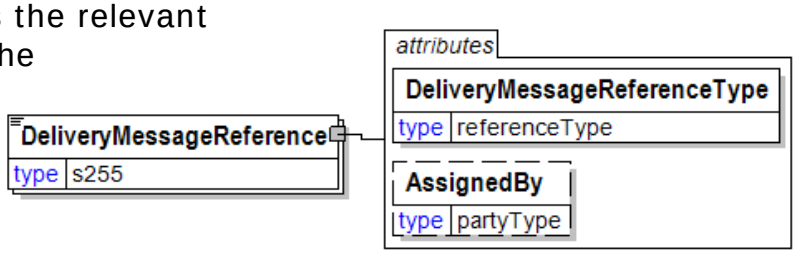
Caliper

Caliper is optional. A single instance might exist.

The thickness of a sheet of paper under standard test conditions.

DeliveryMessageReference

An element that identifies the relevant references pertaining to the DeliveryMessage, identified by



DeliveryMessageReferenceType.

DeliveryMessageReferenceType [attribute]

DeliveryMessageReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to DeliveryMessageReferenceType definition for any enumerations.

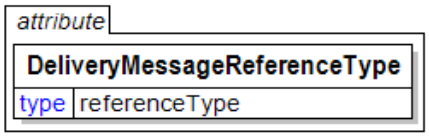
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

DeliveryMessageReferenceType [attribute]

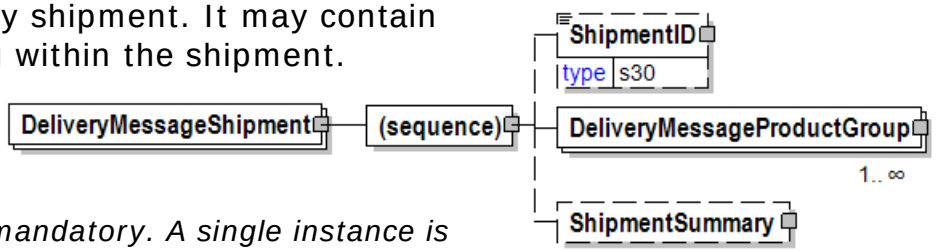


Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

DeliveryMessageShipment

The DeliveryMessageShipment specifies an individual delivery shipment. It may contain product grouping within the shipment.



(sequence)

The sequence of items below is mandatory. A single instance is required.

ShipmentID

ShipmentID is optional. A single instance might exist.

The ShipmentID may be a Bill of Lading Marking, which is customer's reference mark on each package used for logistic purposes. Should not be mixed up with Bill of Lading number. Another example of ShipmentID is grouping by a ContainerID.

DeliveryMessageProductGroup

DeliveryMessageProductGroup is mandatory. One instance is required, multiple instances might exist.

The DeliveryMessageProductGroup permits the organization of a shipment by a product grouping.

ShipmentSummary

ShipmentSummary is optional. A single instance might exist.

Summery information for an entire shipment

DeliveryMessageStatusType [attribute]

Identifies the status of the entire DeliveryMessage (in other words, at the root level).



This item is restricted to the following list.

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

Original

The supplied information is the first version of that information.

Replaced

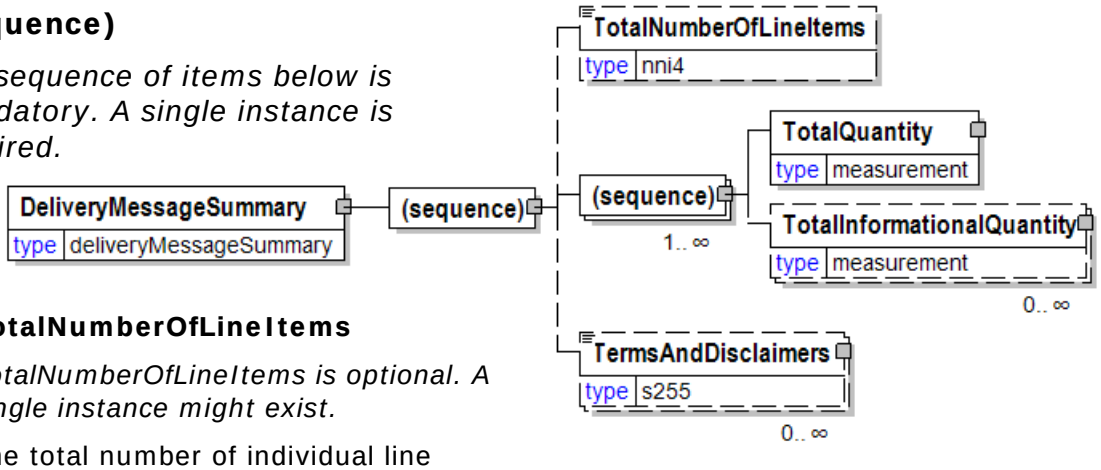
The supplied information is replacing earlier supplied information. The receiver should revalidate the information in their system based upon the entire information received.

DeliveryMessageSummary

Summary information that applies to the entire DeliveryMessage.

(sequence)

The sequence of items below is mandatory. A single instance is required.



TotalNumberOfLineItems

TotalNumberOfLineItems is optional. A single instance might exist.

The total number of individual line items in the document, regardless of the status or type.

(sequence)

The sequence of items below is mandatory. One instance is required, multiple instances might exist.

TotalQuantity

TotalQuantity is mandatory. A single instance is required.

The total quantity of similar items in the e-Document. TotalQuantity is primarily used in the summary section of documents where it is repeatable to permit totaling for different units of measure.

TotalInformationalQuantity

TotalInformationalQuantity is optional. Multiple instances might exist.

A quantity that is used to communicate related information about the parent element. This element represents a total that is derived from individual line

items.

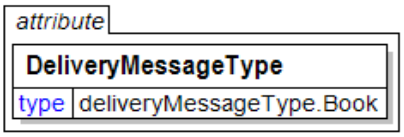
TermsAndDisclaimers

TermsAndDisclaimers is optional. Multiple instances might exist.

An element that contains legal information with an indication of what the Language is.

DeliveryMessageType (Book) [attribute]

DeliveryMessageType defines the type of DeliveryMessageBook.



This item is restricted to the following list.

DeliveryMessage

A DeliveryMessage type that contains optional routing information, quantities at the DeliveryMessageLineItem level, and details at the DeliveryMessageLineItemDetail level. The seller uses a DeliveryMessage to provide delivery details to the ship-to party and tracking information.

InitialShipmentAdvice

A DeliveryMessage type that contains detailed routing information, quantities at the DeliveryMessageLineItem level and optionally details at the DeliveryMessageLineItemDetail level. The seller uses the InitialShipmentAdvice to provide preliminary notification of shipment routing and quantities (can be used as an advanced notice of delivery). The quantities indicated may not necessarily be delivered—for example, if there is damage in transit or the delivery is rerouted to another destination.

LoadedSpecification

A DeliveryMessage type that contains a specification of loaded goods on a transport unit (e.g. container, rail wagon). A loading specification (LoadedSpecification) can contain goods belonging to many suppliers and buyers and is normally referring to a Loading Instruction.

ShipmentAdvice

A DeliveryMessage type that contains a specification of goods, that are dispatched and will be delivered to a warehouse. A ShipmentAdvice can refer to a DeliveryInstruction Sequence or a CallOff, but is normally also used for notifying a receiving warehouse operator of shipments to the warehouse.

ThirdPartyShipmentAdvice

Notification of a shipment from a warehouse to a party other than the party that ordered the product from the supplier

Waybill

The forwarding agreement or carrying agreement that is used as a receipt for cargo and as a contract of carriage.

DeliveryMessageType [attribute]

DeliveryMessageType defines the type of DeliveryMessage.



This item is restricted to the following list.

DeliveryMessage

A DeliveryMessage type that contains optional routing information, quantities at the DeliveryMessageLineItem level, and details at the DeliveryMessageLineItemDetail level. The seller uses a DeliveryMessage to provide delivery details to the ship-to party and tracking information.

InitialShipmentAdvice

A DeliveryMessage type that contains detailed routing information, quantities at the DeliveryMessageLineItem level and optionally details at the DeliveryMessageLineItemDetail level. The seller uses the InitialShipmentAdvice to provide preliminary notification of shipment routing and quantities (can be used as an advanced notice of delivery). The quantities indicated may not necessarily be delivered—for example, if there is damage in transit or the delivery is rerouted to another destination.

LoadedSpecification

A DeliveryMessage type that contains a specification of loaded goods on a transport unit (e.g. container, rail wagon). A loading specification (LoadedSpecification) can contain goods belonging to many suppliers and buyers and is normally referring to a Loading Instruction.

ShipmentAdvice

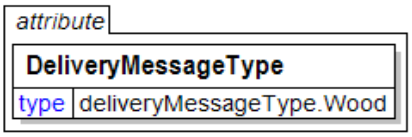
A DeliveryMessage type that contains a specification of goods, that are dispatched and will be delivered to a warehouse. A ShipmentAdvice can refer to a DeliveryInstruction Sequence or a CallOff, but is normally also used for notifying a receiving warehouse operator of shipments to the warehouse.

Waybill

The forwarding agreement or carrying agreement that is used as a receipt for cargo and as a contract of carriage.

DeliveryMessageType (Wood) [attribute]

DeliveryMessageType defines the type of DeliveryMessageWood.



This item is restricted to the following list.

DeliveryMessage

A DeliveryMessage type that contains optional routing information, quantities at the DeliveryMessageLineItem level, and details at the DeliveryMessageLineItemDetail level. The seller uses a DeliveryMessage to provide delivery details to the ship-to party and tracking information.

InitialShipmentAdvice

A DeliveryMessage type that contains detailed routing information, quantities at the DeliveryMessageLineItem level and optionally details at the

DeliveryMessageLineItemDetail level. The seller uses the InitialShipmentAdvice to provide preliminary notification of shipment routing and quantities (can be used as an advanced notice of delivery). The quantities indicated may not necessarily be delivered—for example, if there is damage in transit or the delivery is rerouted to another destination.

LoadingOrder

Specifies delivery schedule, the transport booking requirements and shipping instructions, as well as the internal work order for the shipment.

LoadedSpecification

A DeliveryMessage type that contains a specification of loaded goods on a transport unit (e.g. container, rail wagon). A loading specification (LoadedSpecification) can contain goods belonging to many suppliers and buyers and is normally referring to a Loading Instruction.

PackingSpecification

A Packing Specification is a business transaction specifying the complete consignment being shipped from a consignor to a consignee. The specification describes in detail what is being shipped and how it is packed and marked.

ShipmentAdvice

A DeliveryMessage type that contains a specification of goods, that are dispatched and will be delivered to a warehouse. A ShipmentAdvice can refer to a DeliveryInstruction Sequence or a CallOff, but is normally also used for notifying a receiving warehouse operator of shipments to the warehouse.

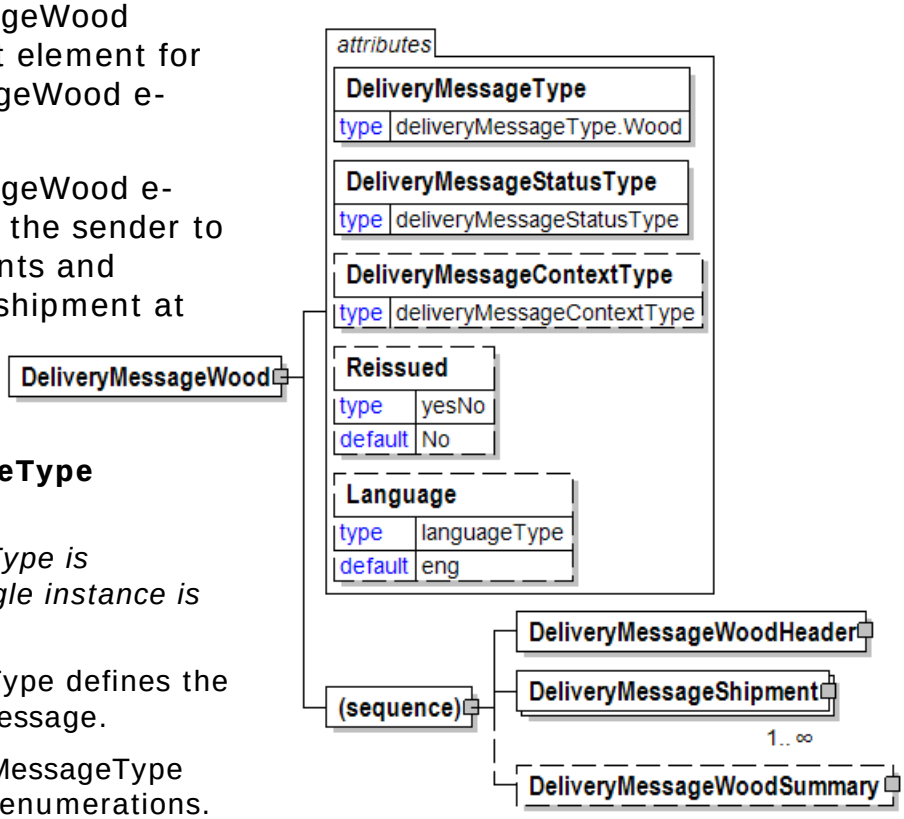
Waybill

The forwarding agreement or carrying agreement that is used as a receipt for cargo and as a contract of carriage.

DeliveryMessageWood

The DeliveryMessageWood element is the root element for the DeliveryMessageWood e-Document.

The DeliveryMessageWood e-Document enables the sender to describe the contents and configuration of a shipment at various levels of detail.



DeliveryMessageType [attribute]

DeliveryMessageType is mandatory. A single instance is required.

DeliveryMessageType defines the type of DeliveryMessage.

Refer to DeliveryMessageType definition for any enumerations.

DeliveryMessageStatusType [attribute]

DeliveryMessageStatusType is mandatory. A single instance is required.

Identifies the status of the entire DeliveryMessage (in other words, at the root level).

Refer to DeliveryMessageStatusType definition for any enumerations.

DeliveryMessageContextType [attribute]

DeliveryMessageContextType is optional. A single instance might exist.

Communicates the reason for this delivery. If not present then this is a standard, typical delivery.

Refer to DeliveryMessageContextType definition for any enumerations.

Reissued [attribute]

Reissued is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Reissued definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DeliveryMessageWoodHeader

DeliveryMessageWoodHeader is mandatory. A single instance is required.

This element contains the information that is consistent for the entire DeliveryMessageWood document.

Note: DocumentReferenceInformation will be removed from this element in the next version of papiNet. Use the DocumentInformation element instead.

DeliveryMessageShipment

DeliveryMessageShipment is mandatory. One instance is required, multiple instances might exist.

The DeliveryMessageShipment specifies an individual delivery shipment. It may contain product grouping within the shipment.

DeliveryMessageWoodSummary

DeliveryMessageWoodSummary is optional. A single instance might exist.

The DeliveryMessageWoodSummary contains summary information based on the line items contained in the DeliveryMessageWood document.

DeliveryMessageWoodHeader

This element contains the information that is consistent for the entire DeliveryMessageWood document.

Note: DocumentReferenceInformation will be removed from this element in the next version of papiNet. Use the DocumentInformation element instead.

(sequence)

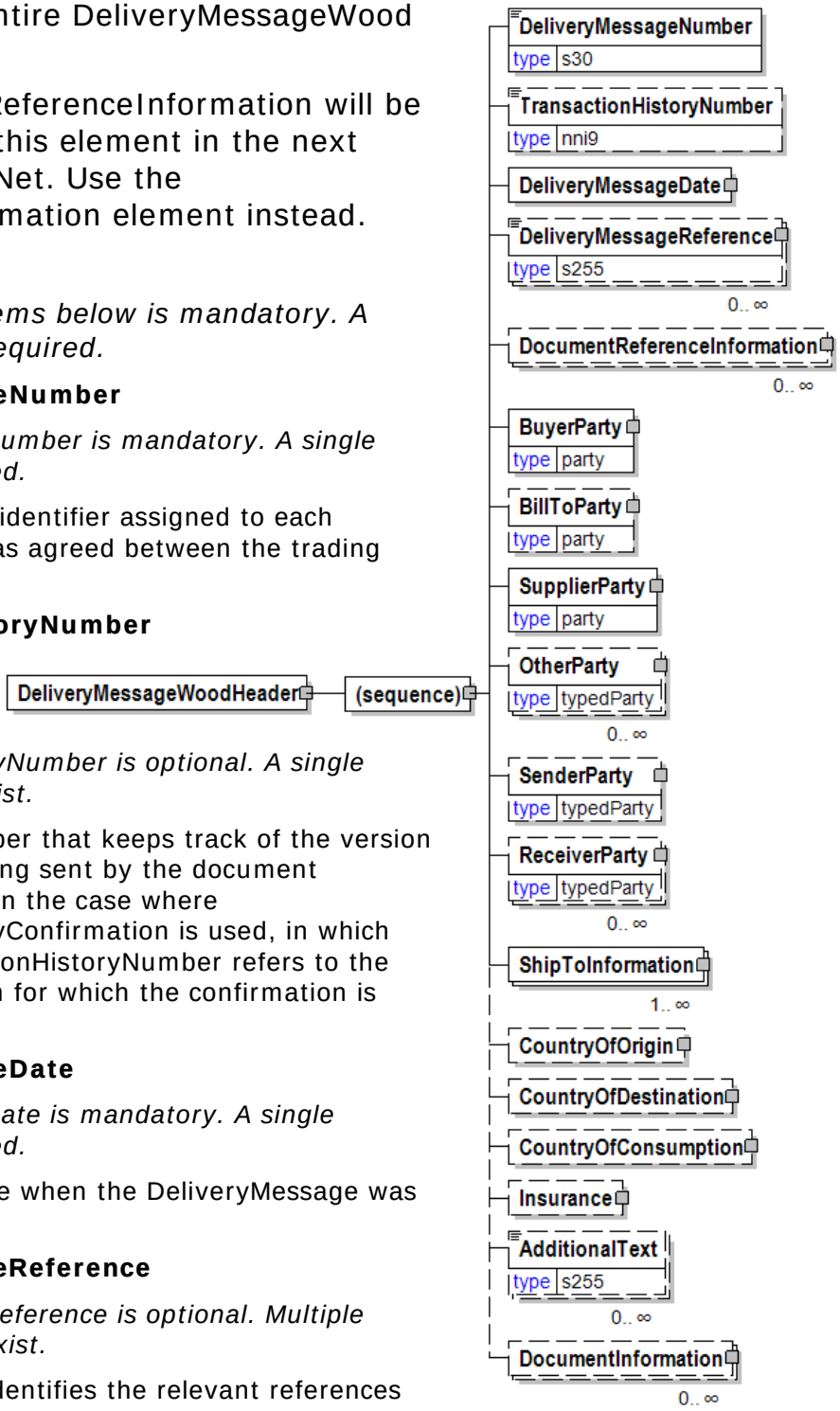
The sequence of items below is mandatory. A single instance is required.

DeliveryMessageNumber

DeliveryMessageNumber is mandatory. A single instance is required.

A unique delivery identifier assigned to each DeliveryMessage as agreed between the trading partners.

TransactionHistoryNumber



TransactionHistoryNumber is optional. A single instance might exist.

A sequential number that keeps track of the version of a document being sent by the document originator except in the case where TransactionHistoryConfirmation is used, in which case the TransactionHistoryNumber refers to the trigger transaction for which the confirmation is being sent.

DeliveryMessageDate

DeliveryMessageDate is mandatory. A single instance is required.

The Date and Time when the DeliveryMessage was issued.

DeliveryMessageReference

DeliveryMessageReference is optional. Multiple instances might exist.

An element that identifies the relevant references pertaining to the DeliveryMessage, identified by DeliveryMessageReferenceType.

DocumentReferenceInformation

DocumentReferenceInformation is optional. Multiple instances might exist.

A group item containing reference information applicable to a document.

BuyerParty

BuyerParty is mandatory. A single instance is required.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

BillToParty

BillToParty is optional. A single instance might exist.

The address where the Invoice is to be sent.

SupplierParty

SupplierParty is mandatory. A single instance is required.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

SenderParty

SenderParty is optional. A single instance might exist.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is optional. Multiple instances might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

ShipToInformation

ShipToInformation is mandatory. One instance is required, multiple instances might exist.

Group element containing information about the ship to and delivery of a product.

CountryOfOrigin

CountryOfOrigin is optional. A single instance might exist.

The country of origin for the material.

CountryOfDestination

CountryOfDestination is optional. A single instance might exist.

The country where the goods will be, or were, shipped to.

CountryOfConsumption

CountryOfConsumption is optional. A single instance might exist.

The country of consumption for the material.

Insurance

Insurance is optional. A single instance might exist.

Group element containing information about insurance

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

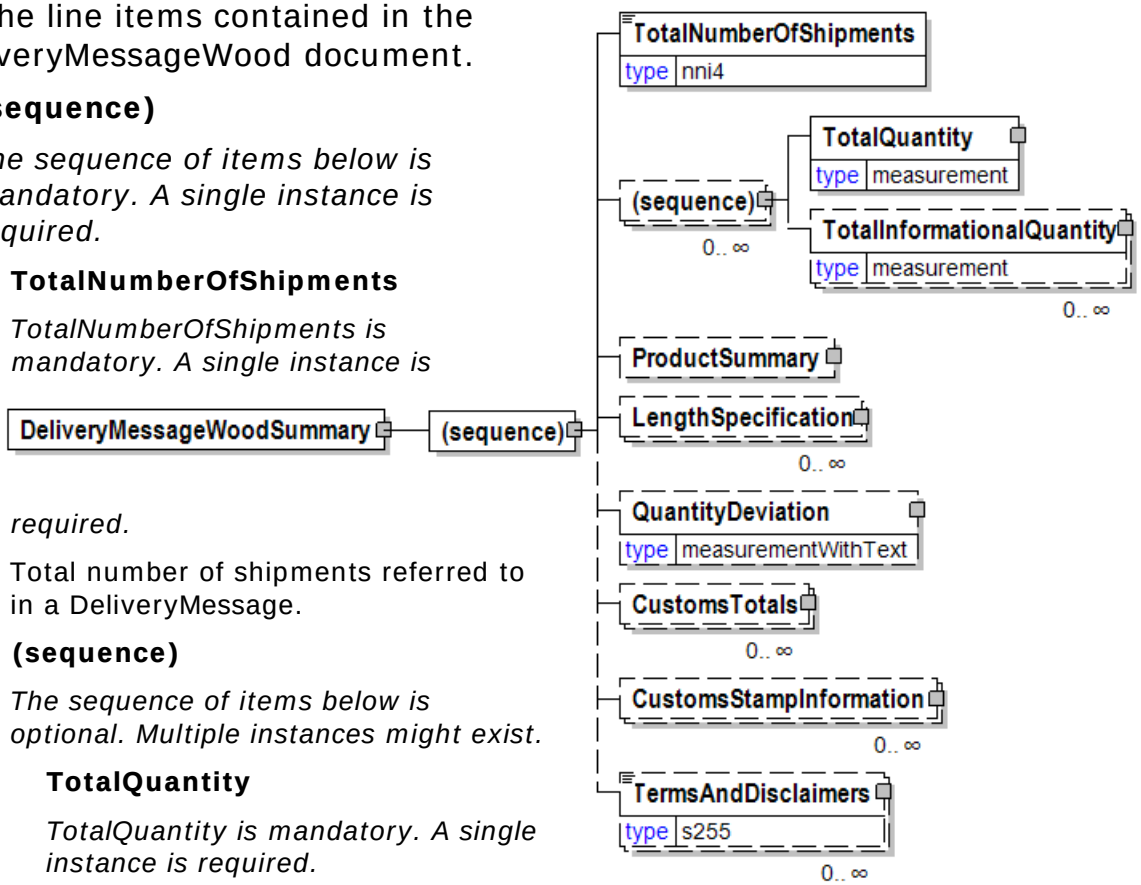
DocumentInformation

DocumentInformation is optional. Multiple instances might exist.

A group element containing a specification of required documents in the business process. Additional free text to be printed on documents can also be specified.

DeliveryMessageWoodSummary

The DeliveryMessageWoodSummary contains summary information based on the line items contained in the DeliveryMessageWood document.



(sequence)

The sequence of items below is mandatory. A single instance is required.

TotalNumberOfShipments

TotalNumberOfShipments is mandatory. A single instance is required.

Total number of shipments referred to in a DeliveryMessage.

(sequence)

The sequence of items below is optional. Multiple instances might exist.

TotalQuantity

TotalQuantity is mandatory. A single instance is required.

The total quantity of similar items in the e-Document. TotalQuantity is primarily used in the summary section of documents where it is repeatable to permit totaling for different units of measure.

TotalInformationalQuantity

TotalInformationalQuantity is optional. Multiple instances might exist.

A quantity that is used to communicate related information about the parent element. This element represents a total that is derived from individual line

items.

ProductSummary

ProductSummary is optional. A single instance might exist.

Group of elements to provide summary information on product level.

LengthSpecification

LengthSpecification is optional. Multiple instances might exist.

Length specification of the wood product.

QuantityDeviation

QuantityDeviation is optional. A single instance might exist.

To be deprecated in a future version. Use the Quantity element with a QuantityContext of "Deviation".

CustomsTotals

CustomsTotals is optional. Multiple instances might exist.

A grouping element for customs total information.

CustomsStampInformation

CustomsStampInformation is optional. Multiple instances might exist.

A grouping element that organises the information for customs.

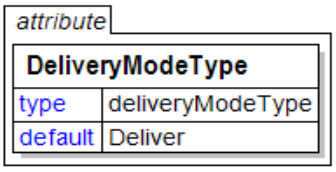
TermsAndDisclaimers

TermsAndDisclaimers is optional. Multiple instances might exist.

An element that contains legal information with an indication of what the Language is.

DeliveryModeType [attribute]

Provides delivery mode type that specifies if transport arrangement is needed or not.



This item is restricted to the following list.

Deliver

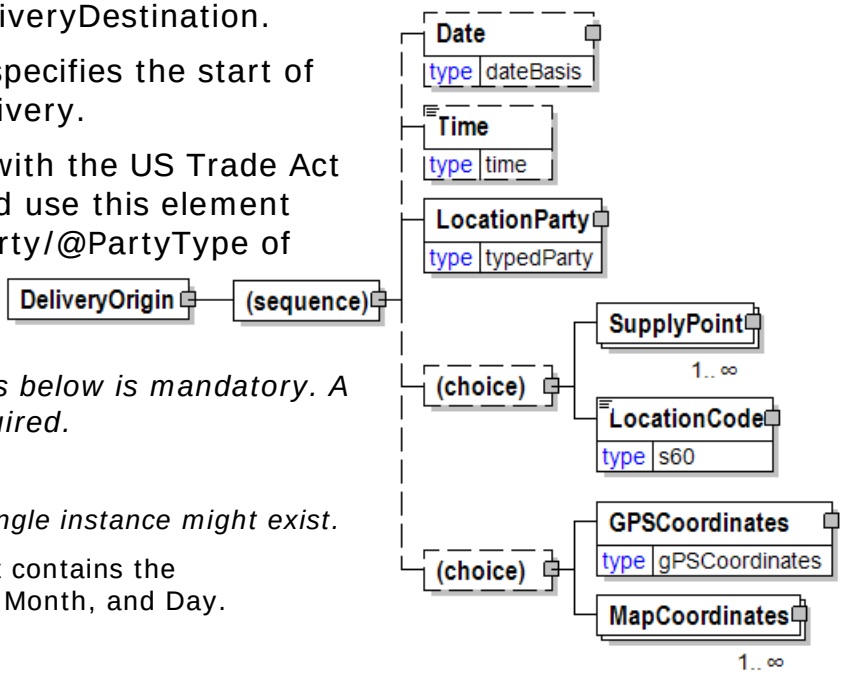
Transport arrangement to be done and goods to be delivered.

PickUp

Goods to be picked up; no transport arrangements are needed.

DeliveryOrigin

A group item that represents the start of one leg in a route. Compare to DeliveryDestination.



The DeliveryOrigin specifies the start of one leg of the delivery.

In order to comply with the US Trade Act of 2002 you would use this element with a LocationParty/@PartyType of Port.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is optional. A single instance might exist.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

LocationParty

LocationParty is mandatory. A single instance is required.

The organization or business entity where the business event took place or will take place.

(choice)

[choice] is optional because of choice construct.

SupplyPoint

SupplyPoint is optional because of choice construct.

Grouping element that contains items describing a supply point. A SupplyPoint belongs to a LocationParty, e.g. in a DeliveryOrigin or DeliveryDestination, and describes where goods are stored and can be loaded or unloaded. A SupplyPoint can for example be a loading or unloading gate at a warehouse or a road side landing at a logging area in the forest.

LocationCode

LocationCode is optional because of choice construct.

A code used to identify a specific physical location within a site identified by a party, e.g. a loading station in a warehouse or an unloading station at a printer site.
LocationCode will be deprecated in a future version. Use SupplyPoint instead of LocationCode.

(choice)

[choice] is optional because of choice construct.

GPSCoordinates

GPSCoordinates is optional because of choice construct.

The location of the party as specified using a Global Positioning System.

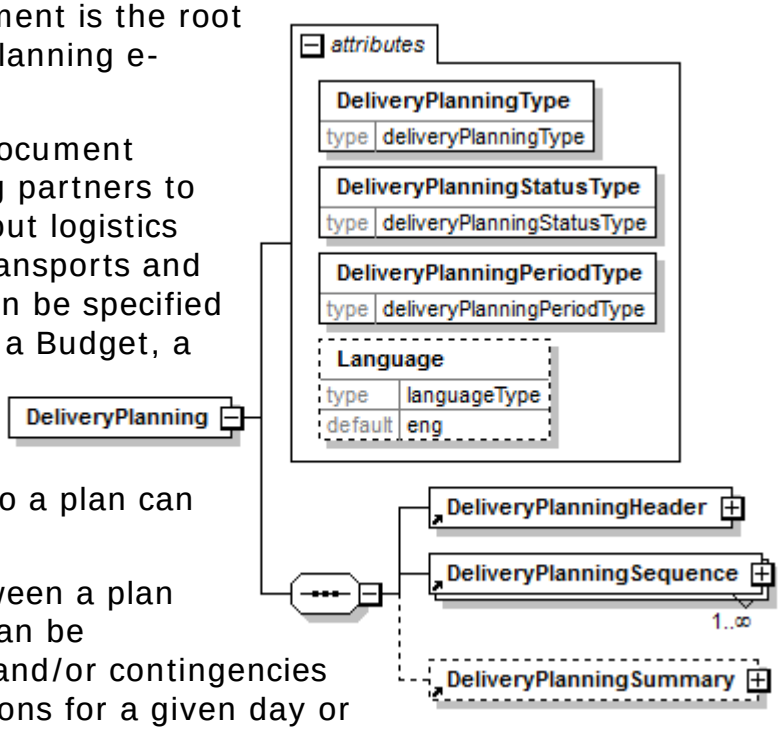
MapCoordinates

MapCoordinates is optional because of choice construct.

A group item defining and containing position co-ordinates of a location.

DeliveryPlanning

The DeliveryPlanning element is the root element for the DeliveryPlanning e-Document.



The DeliveryPlanning e-Document provides a tool for trading partners to exchange information about logistics planning for deliveries, transports and resources. Information can be specified for various levels such as a Budget, a Forecast, a Demand or a detail Plan for a certain period. Actual outcome to date related to a plan can also be reported.

Reason for deviation between a plan and the actual outcome can be reported. Opening times and/or contingencies can be specified for locations for a given day or period.

The DeliveryPlanning e-Document can supply a complete sourcing plan for a certain planning region containing for example many mills. Origin and destination for products can be specified as well as various transport modes and other transport details.

DeliveryPlanningType [attribute]

DeliveryPlanningType is mandatory. A single instance is required.

DeliveryPlanningType defines the type of DeliveryPlanning.

Refer to DeliveryPlanningType definition for any enumerations.

DeliveryPlanningStatusType [attribute]

DeliveryPlanningStatusType is mandatory. A single instance is required.

Identifies the status of the entire DeliveryPlanning e-Document.

Refer to DeliveryPlanningStatusType definition for any enumerations.

DeliveryPlanningPeriodType [attribute]

DeliveryPlanningPeriodType is mandatory. A single instance is required.

Indicates the used planning period in the entire DeliveryPlanning e-Document.

Refer to DeliveryPlanningPeriodType definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DeliveryPlanningHeader

DeliveryPlanningHeader is mandatory. A single instance is required.

The DeliveryPlanningHeader contains information common to the entire DeliveryPlanning e-Document.

DeliveryPlanningSequence

DeliveryPlanningSequence is mandatory. One instance is required, multiple instances might exist.

A grouping element that contains information for planned deliveries, transports or resources. For example a monthly delivery plan of products to a mill.

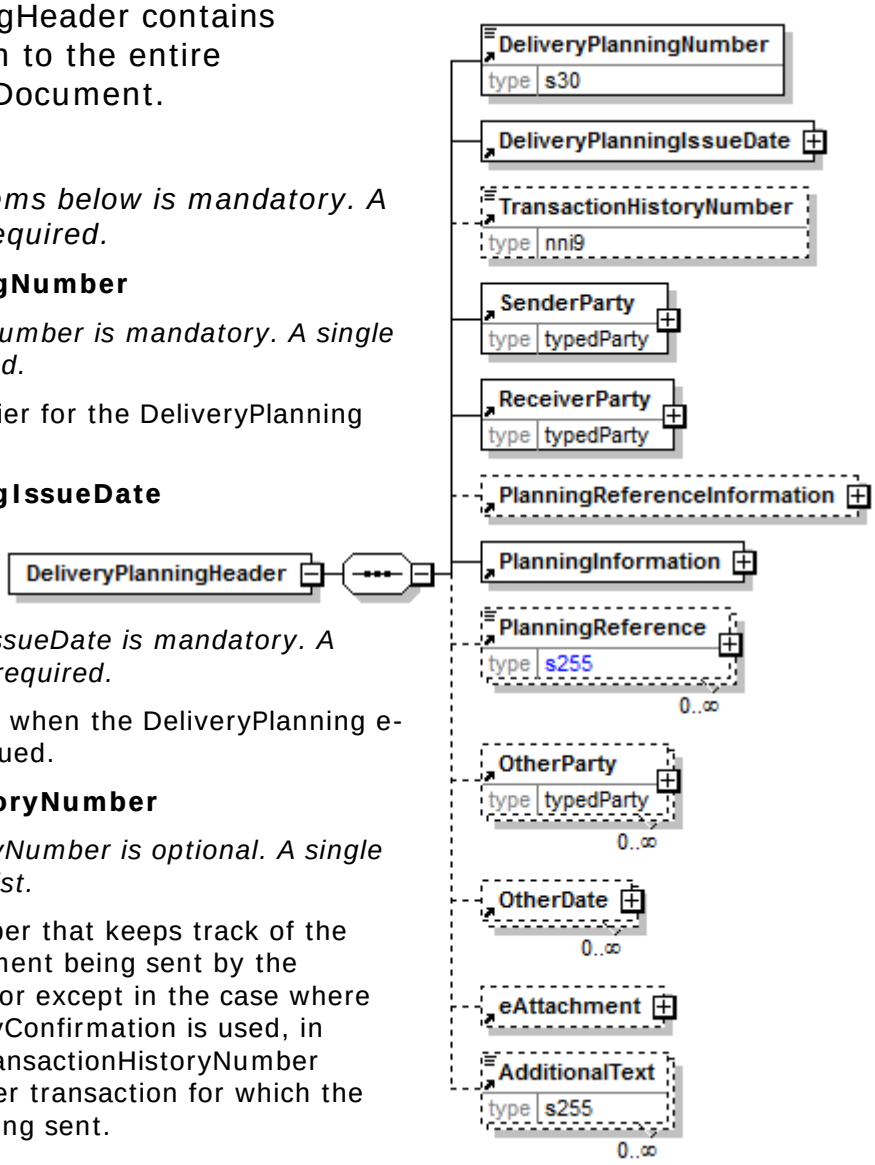
DeliveryPlanningSummary

DeliveryPlanningSummary is optional. A single instance might exist.

A grouping element that contains summary information that applies to the entire DeliveryPlanning e-Document.

DeliveryPlanningHeader

The DeliveryPlanningHeader contains information common to the entire DeliveryPlanning e-Document.



(sequence)

The sequence of items below is mandatory. A single instance is required.

DeliveryPlanningNumber

DeliveryPlanningNumber is mandatory. A single instance is required.

The unique identifier for the DeliveryPlanning e-Document.

DeliveryPlanningIssueDate

DeliveryPlanningIssueDate is mandatory. A single instance is required.

The date and time when the DeliveryPlanning e-Document was issued.

TransactionHistoryNumber

TransactionHistoryNumber is optional. A single instance might exist.

A sequential number that keeps track of the version of a document being sent by the document originator except in the case where TransactionHistoryConfirmation is used, in which case the TransactionHistoryNumber refers to the trigger transaction for which the confirmation is being sent.

SenderParty

SenderParty is mandatory. A single instance is required.

The business entity issuing the e-Document, the source of the document.

- The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is mandatory. One instance is required, multiple instances might exist.

The business entity for whom the e-Document is intended, the destination of the document.

- The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

PlanningReferenceInformation

PlanningReferenceInformation is optional. A single instance might exist.

A grouping element specifying detailed reference information used for the supplied plan in the e-Document. For example if a transport plan is created as a response to a requested delivery plan, then the delivery plan can be referenced with document details such as document date and version.

PlanningInformation

PlanningInformation is mandatory. A single instance is required.

A grouping element that provides information about the planning period and details of the plan.

PlanningReference

PlanningReference is optional. Multiple instances might exist.

An element detailing relevant references pertaining to the Planning and DeliveryPlanning e-Documents.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

OtherDate

OtherDate is optional. Multiple instances might exist.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

eAttachment

eAttachment is optional. A single instance might exist.

eAttachment enables the sender to provide information about attachments to the document.

- Note: An element "e-Attachment" also exists. papiNet will no longer use hyphens in our element and attribute names as this causes issues with BizTalk.

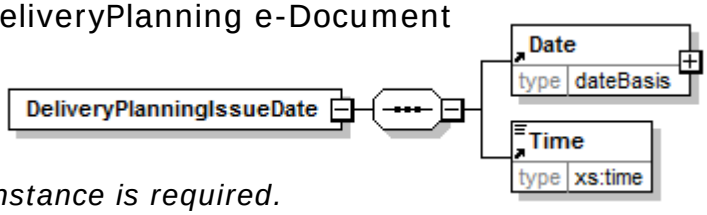
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

DeliveryPlanningIssueDate

The date and time when the DeliveryPlanning e-Document was issued.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

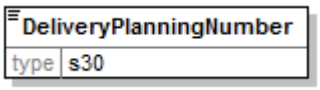
Time is mandatory. A single instance is required.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

DeliveryPlanningNumber

The unique identifier for the DeliveryPlanning e-Document.



DeliveryPlanningPeriodType [attribute]

The used planning period in the entire DeliveryPlanning e-Document.

This item is restricted to the following list.



Day

Daily period

Month

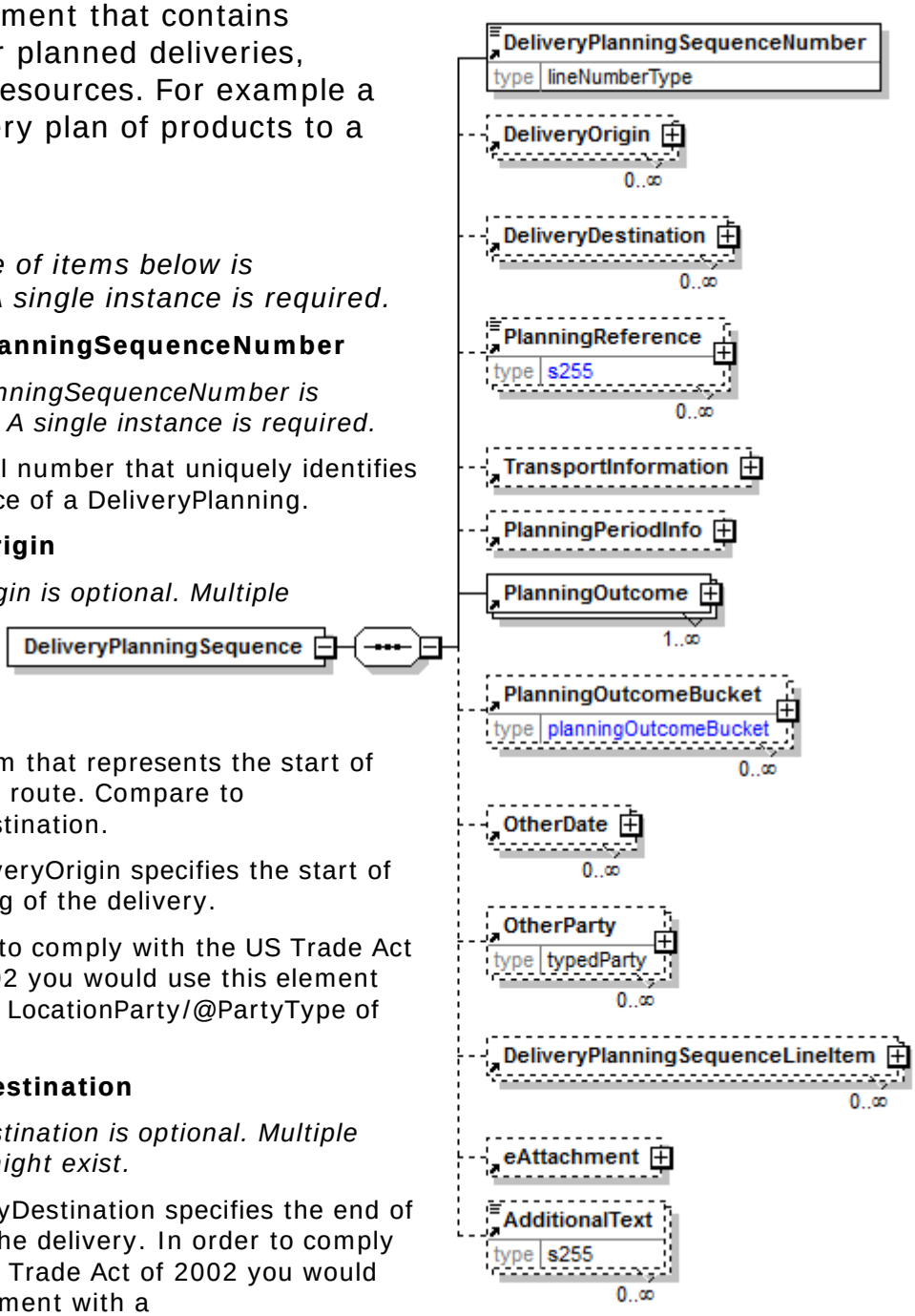
Monthly period

Week

Weekly period.

DeliveryPlanningSequence

A grouping element that contains information for planned deliveries, transports or resources. For example a monthly delivery plan of products to a mill.



(sequence)

The sequence of items below is mandatory. A single instance is required.

DeliveryPlanningSequenceNumber

DeliveryPlanningSequenceNumber is mandatory. A single instance is required.

A sequential number that uniquely identifies the sequence of a DeliveryPlanning.

DeliveryOrigin

DeliveryOrigin is optional. Multiple instances might exist.

A group item that represents the start of one leg in a route. Compare to DeliveryDestination.

The DeliveryOrigin specifies the start of one leg of the delivery.

In order to comply with the US Trade Act of 2002 you would use this element with a LocationParty/@PartyType of Port.

DeliveryDestination

DeliveryDestination is optional. Multiple instances might exist.

The DeliveryDestination specifies the end of one leg of the delivery. In order to comply with the US Trade Act of 2002 you would use this element with a LocationParty/@PartyType of Port.

PlanningReference

PlanningReference is optional. Multiple instances might exist.

An element detailing relevant references pertaining to the Planning and DeliveryPlanning e-Documents.

TransportInformation

TransportInformation is optional. A single instance might exist.

A grouping element for transport information.

PlanningPeriodInfo

PlanningPeriodInfo is optional. A single instance might exist.

A grouping element detailing the information about the planning period.

PlanningOutcome

PlanningOutcome is mandatory. One instance is required, multiple instances might exist.

A grouping element that communicates the planned, actual, forecasted etc. quantities or resources. Also the deviations and reasons for these can be given.

PlanningOutcomeBucket

PlanningOutcomeBucket is optional. Multiple instances might exist.

PlanningOutcomeBucket groups together the elements required to communicate the time and quantity for a planning bucket.

OtherDate

OtherDate is optional. Multiple instances might exist.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

DeliveryPlanningSequenceLineItem

DeliveryPlanningSequenceLineItem is optional. Multiple instances might exist.

The group item DeliveryPlanningSequenceLineItem contains information for a line item of a DeliveryInstruction sequence. The line item specifies detail information about product and quantities.

eAttachment

eAttachment is optional. A single instance might exist.

eAttachment enables the sender to provide information about attachments to the document.

- Note: An element "e-Attachment" also exists. papiNet will no longer use hyphens in our element and attribute names as this causes issues with BizTalk.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

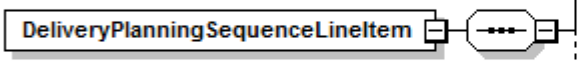
A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

DeliveryPlanningSequenceLineItem

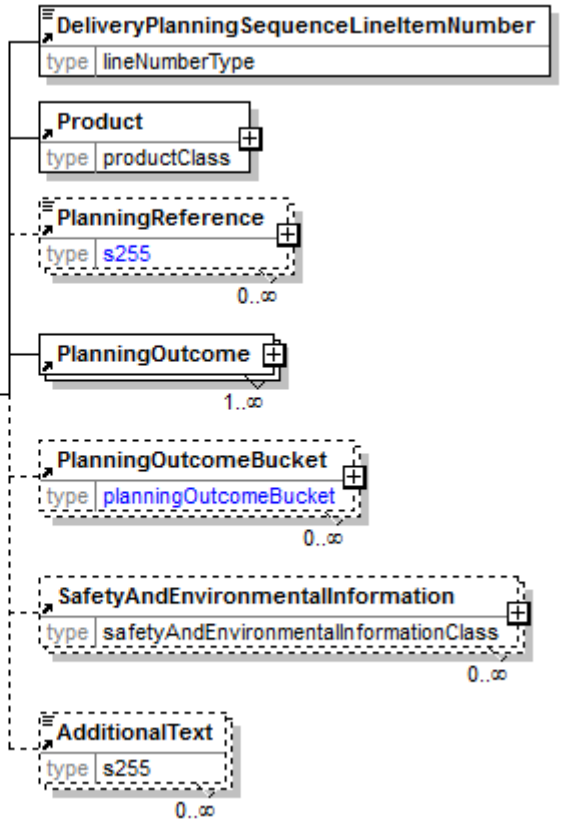
The group item DeliveryPlanningSequenceLineItem contains information for a line item of a DeliveryInstruction sequence. The line item specifies detail information about product and quantities.

(sequence)

The sequence of items below is



mandatory. A single instance is required.



DeliveryPlanningSequenceLineItemNumber

DeliveryPlanningSequenceLineItemNumber is mandatory. A single instance is required.

A sequential number that uniquely identifies the line item of a DeliveryPlanningSequence.

Product

Product is mandatory. A single instance is required.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

PlanningReference

PlanningReference is optional. Multiple instances might exist.

An element detailing relevant references pertaining to the Planning and DeliveryPlanning e-Documents.

PlanningOutcome

PlanningOutcome is mandatory. One instance is required, multiple instances might exist.

A grouping element that communicates the planned, actual, forecasted etc. quantities or resources. Also the deviations and reasons for these can be given.

PlanningOutcomeBucket

PlanningOutcomeBucket is optional. Multiple instances might exist.

PlanningOutcomeBucket groups together the elements required to communicate the time and quantity for a planning bucket.

SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency).

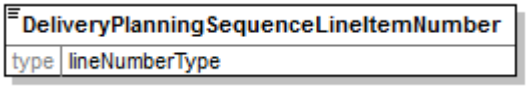
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

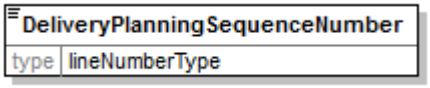
DeliveryPlanningSequenceLineItemNumber

A sequential number that uniquely identifies the line item of a DeliveryPlanningSequence.



DeliveryPlanningSequenceNumber

A sequential number that uniquely identifies the sequence of a DeliveryPlanning e-Document.



DeliveryPlanningStatusType [attribute]

Identifies the status of the entire DeliveryPlanning e-Document.

This item is restricted to the following list.



Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

Original

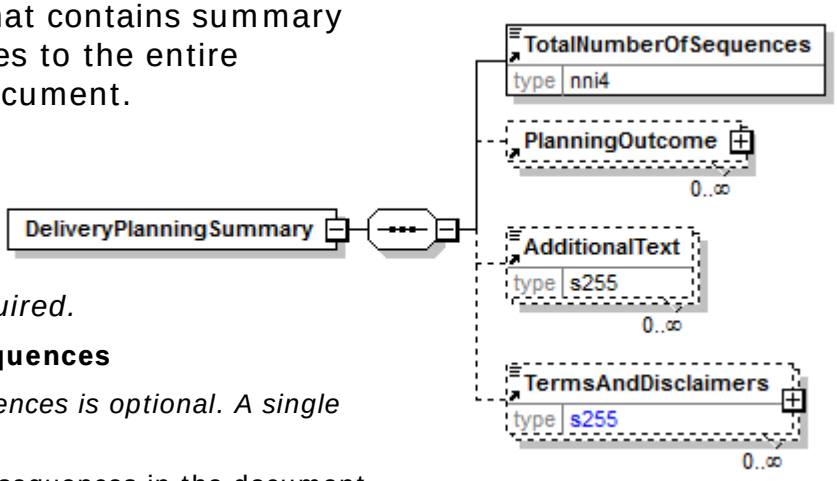
The supplied information is the first version of that information.

Replaced

The supplied information is replacing earlier supplied information. The receiver should revalidate the information in their system based upon the entire information received.

DeliveryPlanningSummary

A grouping element that contains summary information that applies to the entire DeliveryPlanning e-Document.



(sequence)

The sequence of items below is mandatory. A single instance is required.

TotalNumberOfSequences

TotalNumberOfSequences is optional. A single instance might exist.

The total number of sequences in the document.

PlanningOutcome

PlanningOutcome is optional. Multiple instances might exist..

A grouping element that communicates the planned, actual, forecasted etc. quantities or resources. Also the deviations and reasons for these can be given.

AdditionalText

AdditionalTexts is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

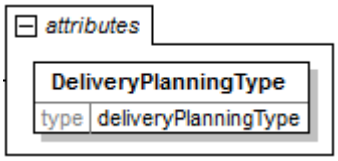
TermsAndDisclaimers

TermsAndDisclaimers is optional. Multiple instances might exist.

An element that contains legal information with an indication of what the Language is.

DeliveryPlanningType [attribute]

DeliveryPlanningType defines the type of DeliveryPlanning.



This item is restricted to the following list.

DeliveryPlan

A DeliveryPlanningType used to inform about quantities and times for the planned deliveries to the delivery destinations.

ResourcePlan

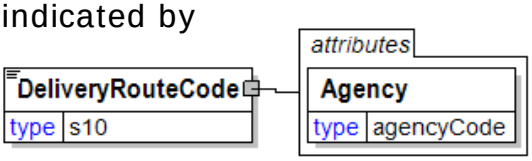
A DeliveryPlanningType used to inform about planned resource availability.

TransportPlan

A DeliveryPlanningType used to inform about quantities and times for the planned transports to the delivery destinations.

DeliveryRouteCode

A code representing the delivery route as indicated by the Agency.



Agency [attribute]

Agency is mandatory. A single instance is required.

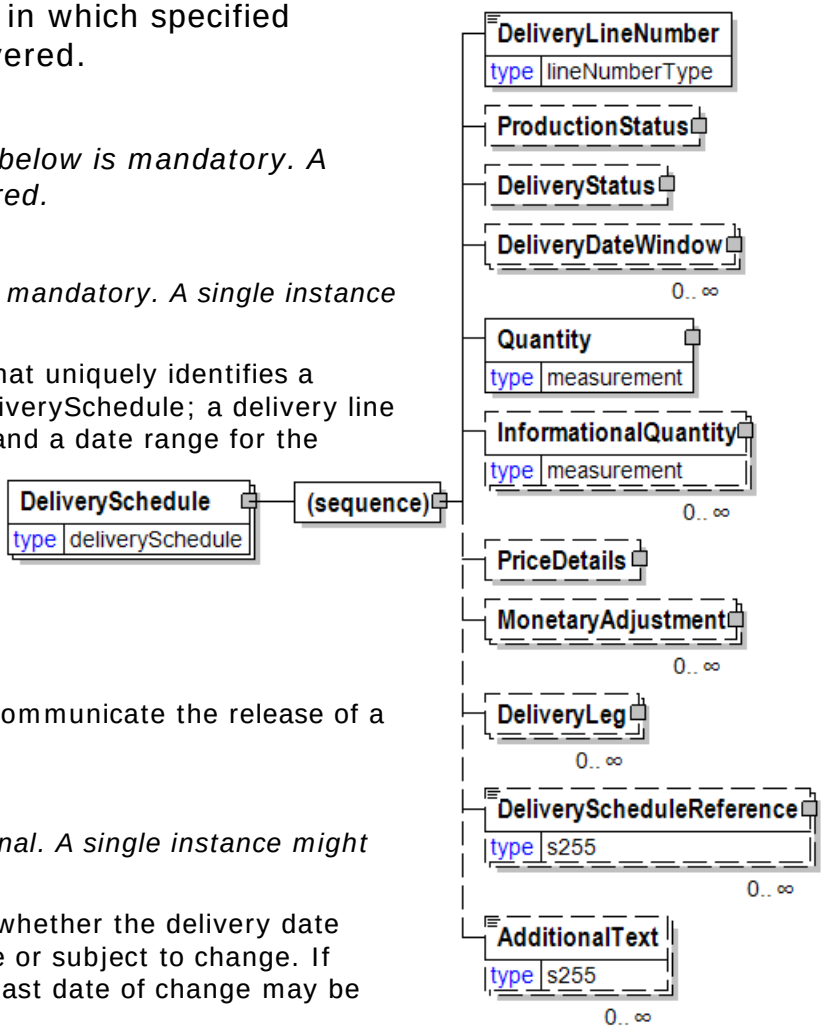
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

DeliverySchedule

A group item defining a series of DeliveryDateWindow(s) in which specified quantities must be delivered.



(sequence)

The sequence of items below is mandatory. A single instance is required.

DeliveryLineNumber

DeliveryLineNumber is mandatory. A single instance is required.

A sequential number that uniquely identifies a delivery line of the DeliverySchedule; a delivery line consists of a quantity and a date range for the delivery to take place.

ProductionStatus

ProductionStatus is optional. A single instance might exist.

A group item used to communicate the release of a delivery line number.

DeliveryStatus

DeliveryStatus is optional. A single instance might exist.

Used to communicate whether the delivery date indicated is a final date or subject to change. If subject to change the last date of change may be communicated.

DeliveryDateWindow

DeliveryDateWindow is optional. Multiple instances might exist.

A group item defining the date/time interval for delivery to take place. An element

which may contain the estimated date for which delivery is expected. This date is not absolute.

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

PriceDetails

PriceDetails is optional. A single instance might exist.

An element that groups together price information.

MonetaryAdjustment

MonetaryAdjustment is optional. Multiple instances might exist.

The element containing the information necessary for the understanding, calculation, and treatment of an adjustment to a currency amount. MonetaryAdjustment contains an attribute that indicates they type of adjustment being communicated.

DeliveryLeg

DeliveryLeg is optional. Multiple instances might exist.

A DeliveryLeg details the sequence, origin, transportation, and destination of each part of the delivery. More than one leg may be required if there is a change of mode, vehicle, or carrier.

Although transportation information is optional, it is strongly recommended that any transportation information available be sent.

DeliveryScheduleReference

DeliveryScheduleReference is optional. Multiple instances might exist.

An element detailing relevant references pertaining to the delivery schedule as indicated by DeliveryScheduleReferenceType.

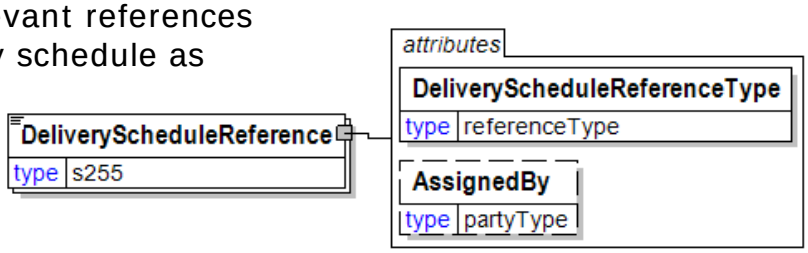
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

DeliveryScheduleReference

An element detailing relevant references pertaining to the delivery schedule as indicated by



DeliveryScheduleReferenceType.

DeliveryScheduleReferenceType [attribute]

DeliveryScheduleReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to DeliveryScheduleReferenceType definition for any enumerations.

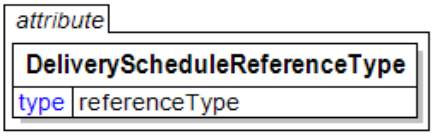
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

DeliveryScheduleReferenceType [attribute]

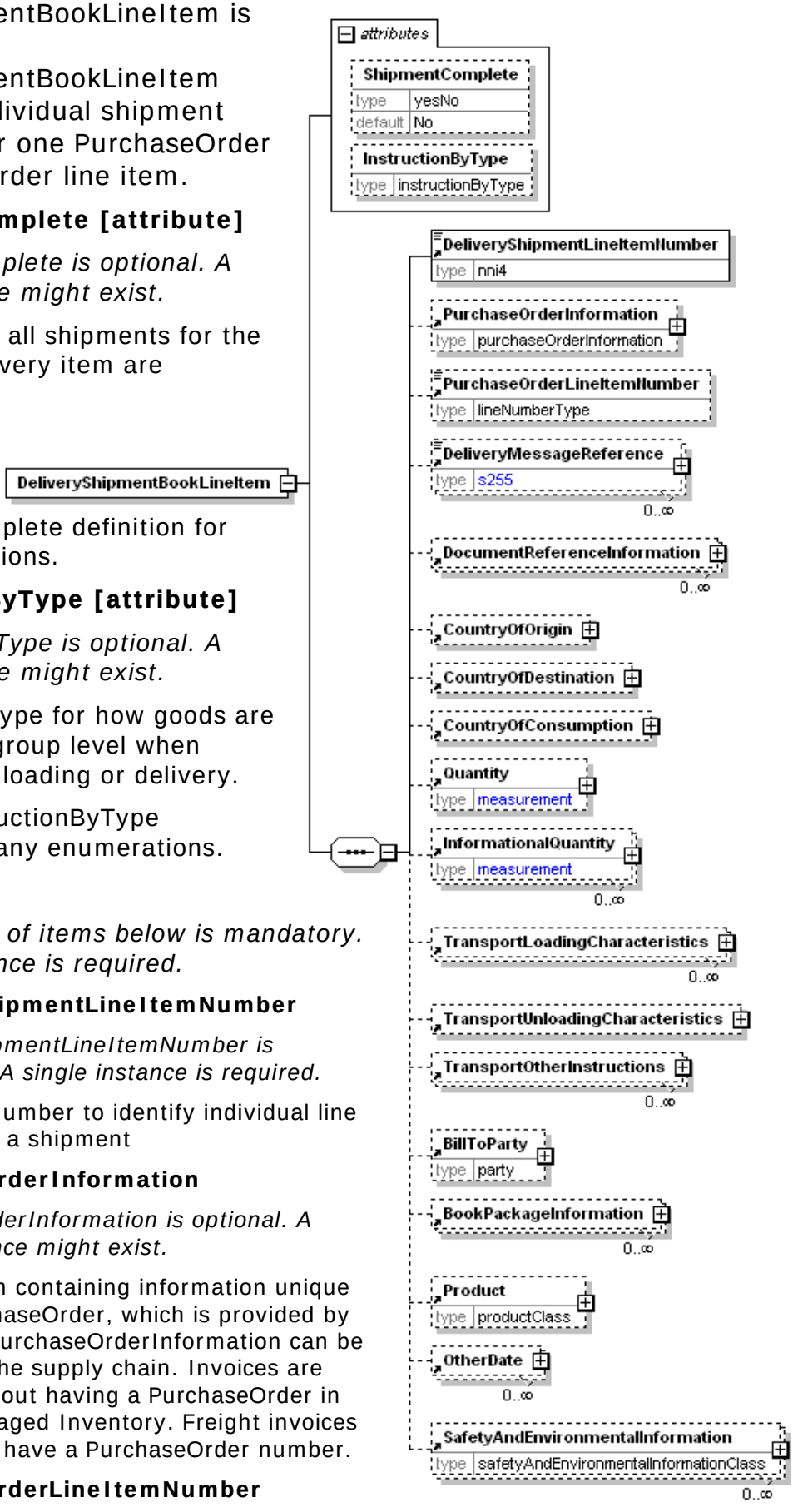


Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

DeliveryShipmentBookLineItem

DeliveryShipmentBookLineItem is required. The DeliveryShipmentBookLineItem specifies an individual shipment delivery line for one PurchaseOrder and PurchaseOrder line item.



ShipmentComplete [attribute]

ShipmentComplete is optional. A single instance might exist.

Indicates that all shipments for the particular delivery item are complete.

Refer to

DeliveryShipmentBookLineItem

ShipmentComplete definition for any enumerations.

InstructionByType [attribute]

InstructionByType is optional. A single instance might exist.

Provides the type for how goods are identified on group level when instructed for loading or delivery.

Refer to InstructionByType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DeliveryShipmentLineItemNumber

DeliveryShipmentLineItemNumber is mandatory. A single instance is required.

Sequential number to identify individual line items within a shipment

PurchaseOrderInformation

PurchaseOrderInformation is optional. A single instance might exist.

A group item containing information unique to this PurchaseOrder, which is provided by the buyer. PurchaseOrderInformation can be optional in the supply chain. Invoices are created without having a PurchaseOrder in Vendor Managed Inventory. Freight invoices also will not have a PurchaseOrder number.

PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber is optional. A single instance might exist.

The sequential number that uniquely identifies the PurchaseOrder line item.

DeliveryMessageReference

DeliveryMessageReference is optional. Multiple instances might exist.

An element that identifies the relevant references pertaining to the DeliveryMessage, identified by DeliveryMessageReferenceType.

DocumentReferenceInformation

DocumentReferenceInformation is optional. Multiple instances might exist.

A group item containing reference information applicable to a document.

CountryOfOrigin

CountryOfOrigin is optional. A single instance might exist.

The country of origin for the material.

CountryOfDestination

CountryOfDestination is optional. A single instance might exist.

The country where the goods will be, or were, shipped to.

CountryOfConsumption

CountryOfConsumption is optional. A single instance might exist.

The country of consumption for the material.

Quantity

Quantity is optional. A single instance might exist.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

TransportLoadingCharacteristics

TransportLoadingCharacteristics is optional. Multiple instances might exist.

A group item defining how the transported items are to be loaded.

TransportUnloadingCharacteristics

TransportUnloadingCharacteristics is optional. A single instance might exist.

A group item defining how the transported items are to be unloaded.

TransportOtherInstructions

TransportOtherInstructions is optional. Multiple instances might exist.

A group item defining any other instructions for the transport not covered in the description of transport mode, vehicle, unit, and loading characteristics or defining an alternative description for the categories mentioned above.

BillToParty

BillToParty is optional. A single instance might exist.

The address where the Invoice is to be sent.

BookPackageInformation

BookPackageInformation is optional. Multiple instances might exist.

The purpose of the BookPackageInformation structure is to clearly identify physical handling items that constitute the delivery.

BookPackageInformation is the highest level of product packaging and describes the shipping or warehousing unit.

Product

Product is optional. A single instance might exist.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

OtherDate

OtherDate is optional. Multiple instances might exist.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency).

DeliveryShipmentId

Unique identifier for the shipment



DeliveryShipmentLineItem

The DeliveryShipmentLineItem specifies an individual delivery line for one order and order line item.

PackageInformation will be deprecated in the version following V2R30, it has been replaced with TransportPackageInformation.

You are encouraged to use TransportPackageInformation.

(sequence)

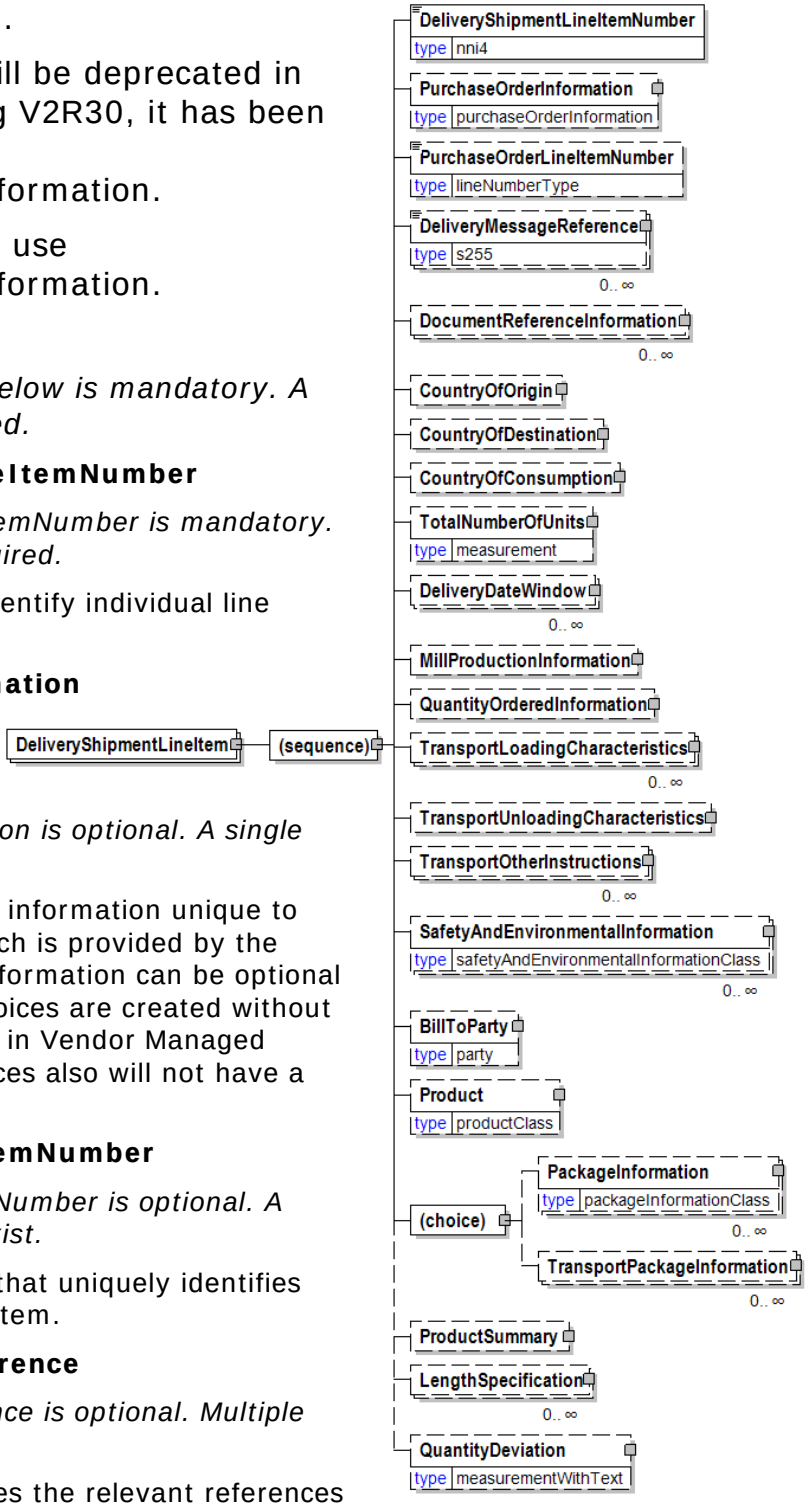
The sequence of items below is mandatory. A single instance is required.

DeliveryShipmentLineItemNumber

DeliveryShipmentLineItemNumber is mandatory. A single instance is required.

Sequential number to identify individual line items within a shipment

PurchaseOrderInformation



PurchaseOrderInformation is optional. A single instance might exist.

A group item containing information unique to this PurchaseOrder, which is provided by the buyer. PurchaseOrderInformation can be optional in the supply chain. Invoices are created without having a PurchaseOrder in Vendor Managed Inventory. Freight invoices also will not have a PurchaseOrder number.

PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber is optional. A single instance might exist.

The sequential number that uniquely identifies the PurchaseOrder line item.

DeliveryMessageReference

DeliveryMessageReference is optional. Multiple instances might exist.

An element that identifies the relevant references pertaining to the DeliveryMessage, identified by DeliveryMessageReferenceType.

DocumentReferenceInformation

DocumentReferenceInformation is optional. Multiple instances might exist.

A group item containing reference information applicable to a document.

CountryOfOrigin

CountryOfOrigin is optional. A single instance might exist.

The country of origin for the material.

CountryOfDestination

CountryOfDestination is optional. A single instance might exist.

The country where the goods will be, or were, shipped to.

CountryOfConsumption

CountryOfConsumption is optional. A single instance might exist.

The country of consumption for the material.

TotalNumberOfUnits

TotalNumberOfUnits is optional. A single instance might exist.

The total number of units.

DeliveryDateWindow

DeliveryDateWindow is optional. Multiple instances might exist.

A group item defining the date/time interval for delivery to take place. An element which may contain the estimated date for which delivery is expected. This date is not absolute.

MillProductionInformation

MillProductionInformation is optional. A single instance might exist.

A grouping element that contains information about production at the mill.

QuantityOrderedInformation

QuantityOrderedInformation is optional. A single instance might exist.

Used to identify quantity. The construct provides via InformationalQuantity the ability to provide the Quantity in another UOM. Length is also provided to further specify the quantity.

TransportLoadingCharacteristics

TransportLoadingCharacteristics is optional. Multiple instances might exist.

A group item defining how the transported items are to be loaded.

TransportUnloadingCharacteristics

TransportUnloadingCharacteristics is optional. A single instance might exist.

A group item defining how the transported items are to be unloaded.

TransportOtherInstructions

TransportOtherInstructions is optional. Multiple instances might exist.

A group item defining any other instructions for the transport not covered in the description of transport mode, vehicle, unit, and loading characteristics or defining an alternative description for the categories mentioned above.

SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency).

BillToParty

BillToParty is optional. A single instance might exist.

The address where the Invoice is to be sent.

Product

Product is optional. A single instance might exist.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

(choice)

[choice] is optional because of choice construct.

PackageInformation

PackageInformation is optional because of choice construct.

The purpose of the PackageInformation structure is to clearly identify physical handling items that constitute the delivery.

PackageInformation is the highest level of product packaging it describes the shipping or warehousing unit.

If you are communicating a package, usually for logistics or transport purposes, you should include the PackageType, Identifier, ItemCount, and Quantity. (Note: you still have the ability to describe the item with one of the “named” items.)

If you are communicating one of the named Items there is no need to include PackageType, Identifier, ItemCount, and Quantity.

Since either of these two approaches can be used the entie contents of this element are optional even though the parent may be required. It is expected that you will fill in the appropriate details.

TransportPackageInformation

TransportPackageInformation is optional because of choice construct.

Information of a package used in transportation, can include several normal packages.

ProductSummary

ProductSummary is optional. A single instance might exist.

Group of elements to provide summary information on product level.

LengthSpecification

LengthSpecification is optional. Multiple instances might exist.

Length specification of the wood product.

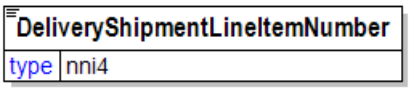
QuantityDeviation

QuantityDeviation is optional. A single instance might exist.

To be deprecated in a future version. Use the Quantity element with a QuantityContext of "Deviation".

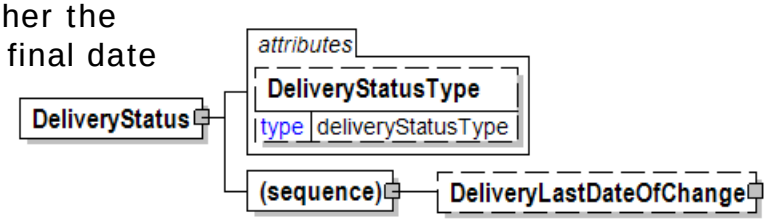
DeliveryShipmentLineItemNumber

Sequential number to identify individual line items within a shipment



DeliveryStatus

Used to communicate whether the delivery date indicated is a final date or subject to change. If subject to change the last date of change may be communicated.



DeliveryStatusType [attribute]

DeliveryStatusType is optional. A single instance might exist.

Indicates whether or not you are allowed to take action on the delivery or if more information is required

Refer to DeliveryStatusType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DeliveryLastDateOfChange

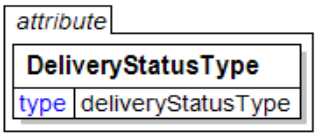
DeliveryLastDateOfChange is optional. A single instance might exist.

The final Date and optionally Time that a line item or delivery line may be amended or cancelled by the buyer.

The final Date and optionally Time that a line item or delivery line may be amended or cancelled by the buyer.For example, the buyer can cancel each a delivery line before the DeliveryLastDateOfChange received from the seller on the OrderConfirmation.

DeliveryStatusType [attribute]

Indicates whether or not you are allowed to take action on the delivery or if more information is required



This item is restricted to the following list.

Cancelled

The delivery has been cancelled. You are not allowed to deliver this product.

Free

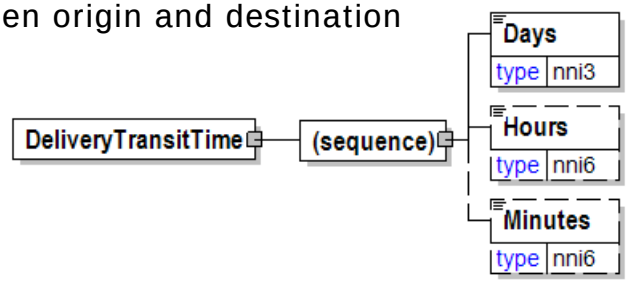
You are allowed to deliver this product

NotFree

You are not allowed to deliver this product. More information is required from the receiver.

DeliveryTransitTime

A group item representing the number of Days and optionally Hours and Minutes between origin and destination for a DeliveryLeg.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Days

Days is mandatory. A single instance is required.

The qualifier of DeliveryTransitTime. More generally used to communicate duration in days.

Hours

Hours is optional. A single instance might exist.

A qualifier of DeliveryTransitTime.

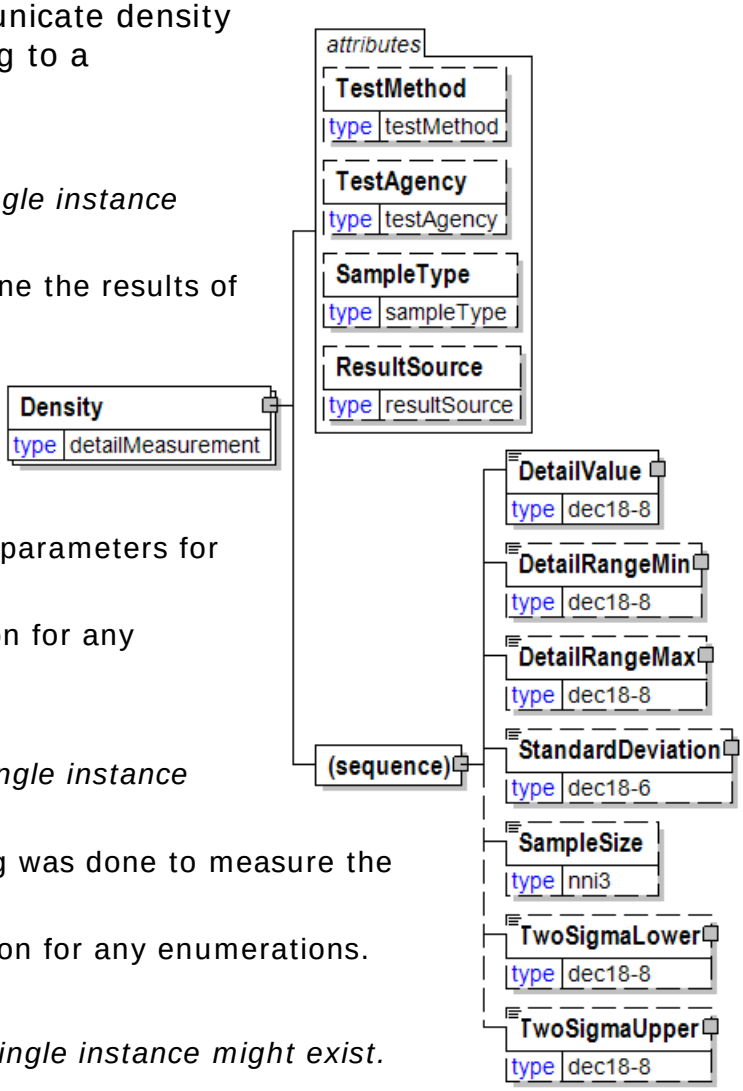
Minutes

Minutes is optional. A single instance might exist.

A qualifier for the DeliveryTransitTime.

Density

A group item used to communicate density target or test value according to a particular TestMethod.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

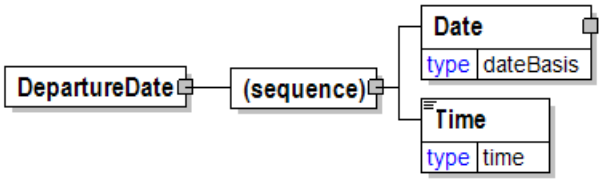
Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

DepartureDate

The required or actual date of departure.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is mandatory. A single instance is required.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

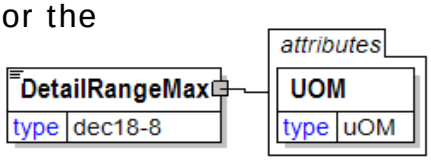
hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

DetailRangeMax

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.



UOM [attribute]

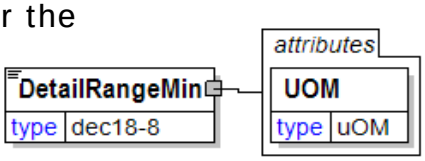
UOM is mandatory. A single instance is required.

Defines the unit of measure for the value.

Refer to UOM definition for any enumerations.

DetailRangeMin

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.



UOM [attribute]

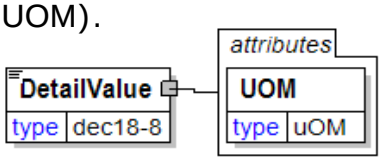
UOM is mandatory. A single instance is required.

Defines the unit of measure for the value.

Refer to UOM definition for any enumerations.

DetailValue

A numeric value expressed in the unit of measure (UOM).



UOM [attribute]

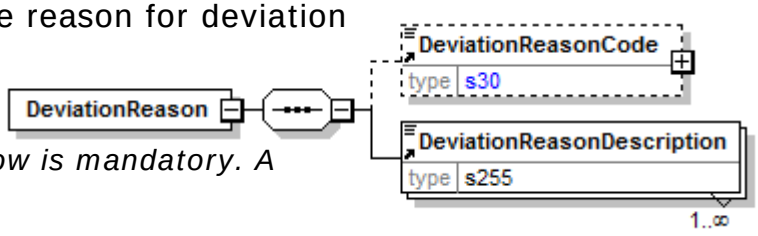
UOM is mandatory. A single instance is required.

Defines the unit of measure for the value.

Refer to UOM definition for any enumerations.

DeviationReason

A group item containing the reason for deviation from the plan.



(sequence)

The sequence of items below is mandatory. A single instance is required.

DeviationReasonCode

DeviationReasonCode is optional. A single instance might exist.

A code specifying the reason for deviation from the plan.

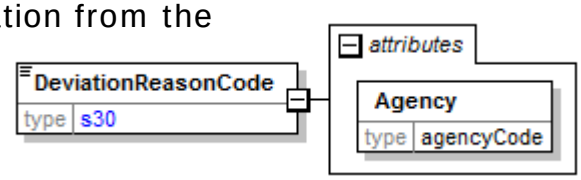
DeviationReasonDescription

DeviationReasonDescription is mandatory. One instance is required, multiple instances might exist.

A text describing the reason for the deviation from the plan.

DeviationReasonCode

A code specifying the reason for deviation from the plan.



Agency [attribute]

Agency is mandatory. A single instance is required.

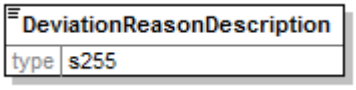
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

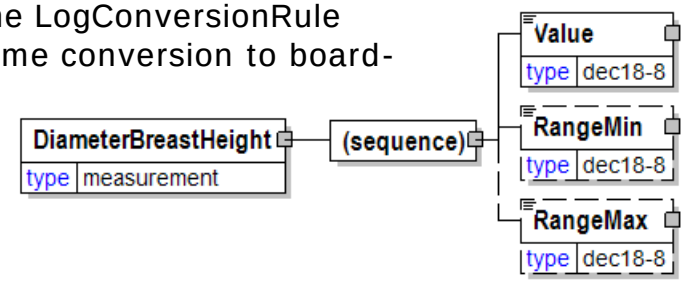
DeviationReasonDescription

A text describing the reason for the deviation from the plan.



DiameterBreastHeight

Used to report the log diameter 4.5 feet from the butt end as a measurement. Used with the LogConversionRule attribute to determine log's volume conversion to board-feet or other measure.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

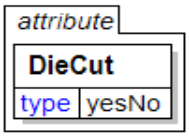
DieCut [attribute]

Either "Yes" or "No".

This item is restricted to the following list.

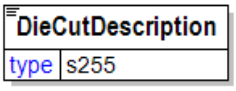
Yes

No



DieCutDescription

Die cut description



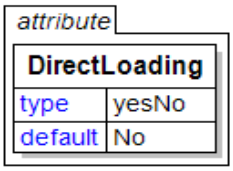
DirectLoading [attribute]

Specifies if the transport unit should be loaded directly with goods received on another transport unit.

This item is restricted to the following list.

Yes

No



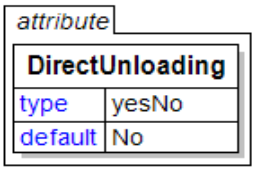
DirectUnloading [attribute]

Specifies if the transport unit should be unloaded directly on to a new transport unit. Certain transport units, e.g. cassettes, can be stored in warehouses a short period waiting for direct unloading.

This item is restricted to the following list.

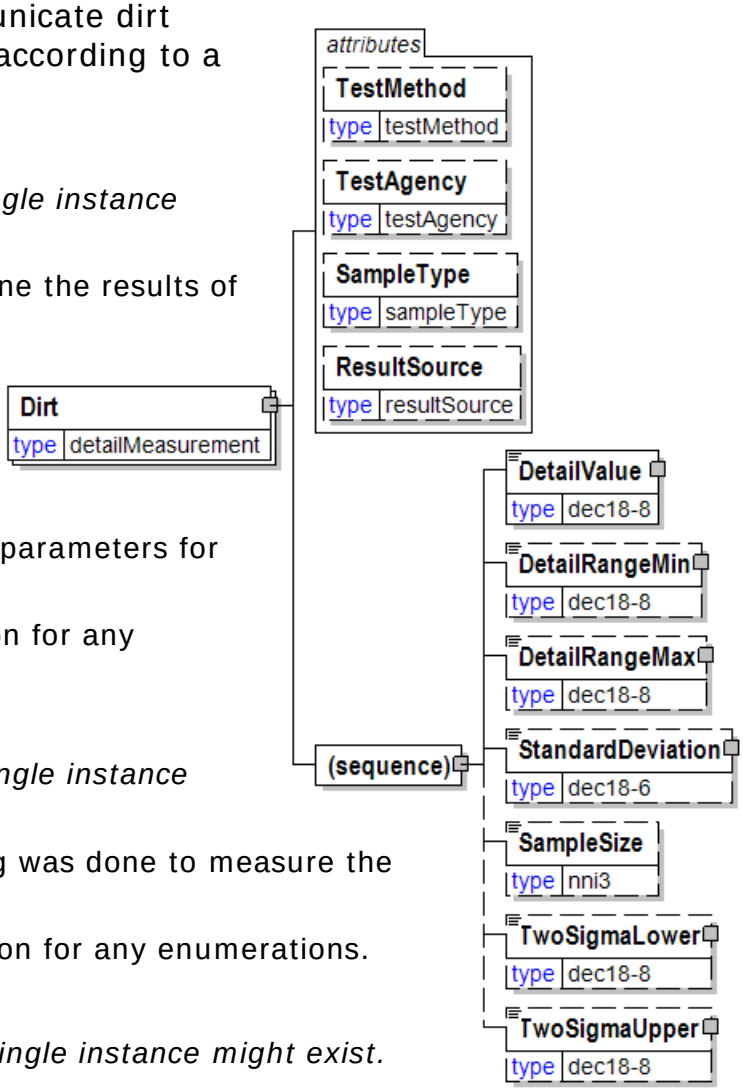
Yes

No



Dirt

A group item used to communicate dirt content target or test value according to a particular TestMethod.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

DiscPrinting [attribute]

Disc printing

This item is restricted to the following list.

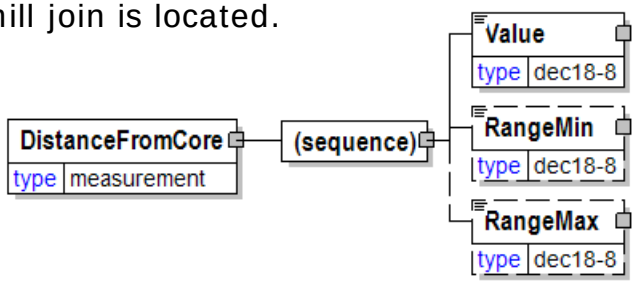


Screen

Thermal

DistanceFromCore

The distance from the radius of the core. This element can be used to communicate where a mill join is located. Compare to LengthFromCore.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

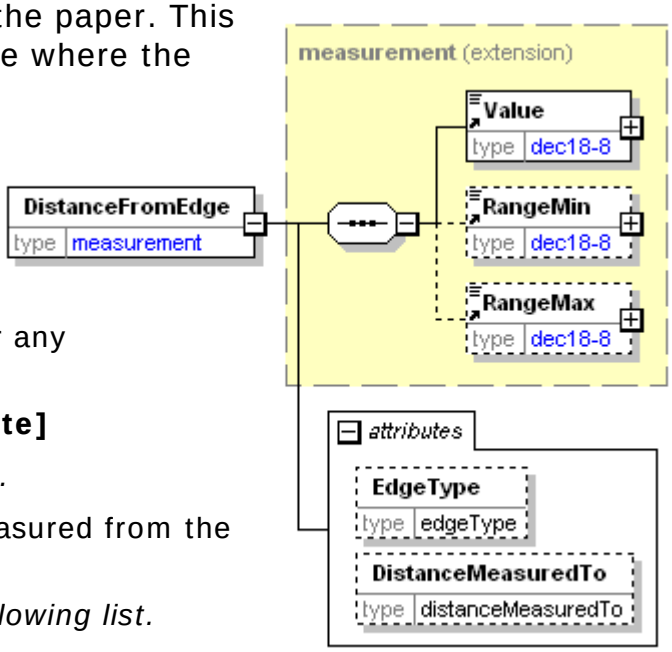
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

DistanceFromEdge

The distance from the edge of the paper. This element is used to communicate where the hole is.



EdgeType [attribute]

EdgeType is optional. A single instance might exist.

Edge type (paper)

Refer to EdgeType definition for any enumerations.

DisanceMeasuredTo [attribute]

DistanceMeasuredTo is optional.

Defines how the distance is measured from the edge of the paper to the hole.

This item is restricted to the following list.

Edge

Distance is measured to the edge of the hole.

Middle

Distance is measured to the middle of the hole.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

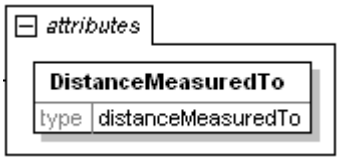
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

DistanceMeasuredTo [attribute]

Defines how the distance is measured from the edge of the paper to the hole.



This item is restricted to the following list:

Edge

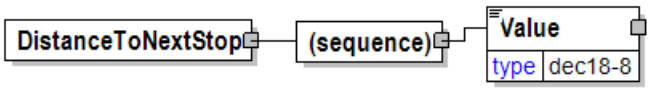
Distance is measured to the edge of the hole.

Middle

Distance is measured to the middle of the hole.

DistanceToNextStop

The distance to the next transportation node.



(sequence)

The sequence of items below is mandatory. A single instance is required.

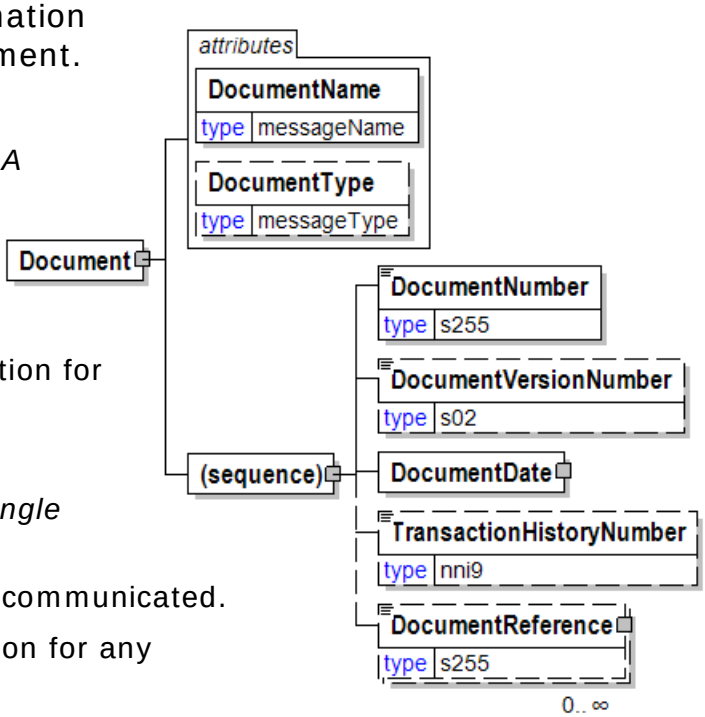
Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

Document

A group item containing information applicable to the original document.



DocumentName [attribute]

DocumentName is mandatory. A single instance is required.

Defines the name of e-Documents defined by papiNet.

Refer to DocumentName definition for any enumerations.

DocumentType [attribute]

DocumentType is optional. A single instance might exist.

The type of e-Document being communicated.

Refer to DocumentType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DocumentNumber

DocumentNumber is mandatory. A single instance is required.

The unique identifier of the original document.

DocumentVersionNumber

DocumentVersionNumber is optional. A single instance might exist.

The document version number, currently BookSpecification is the only e-Document that has a Version Number.

DocumentDate

DocumentDate is mandatory. A single instance is required.

The Date and optionally Time when the document that is referred to was issued.

TransactionHistoryNumber

TransactionHistoryNumber is optional. A single instance might exist.

A sequential number that keeps track of the version of a document being sent by the document originator except in the case where TransactionHistoryConfirmation is used, in which case the TransactionHistoryNumber refers to the trigger transaction for which the confirmation is being sent.

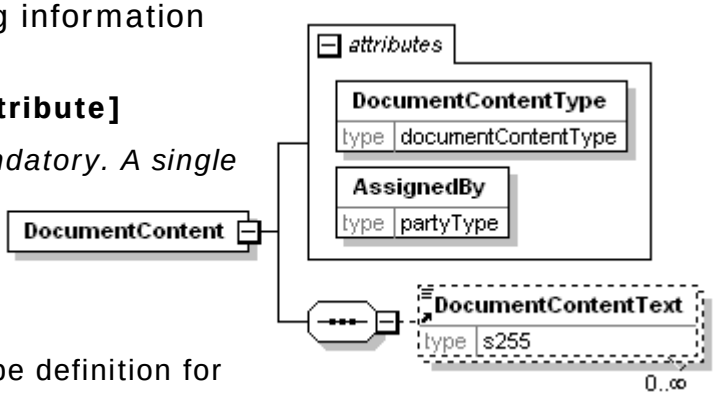
DocumentReference

DocumentReference is optional. Multiple instances might exist.

An element detailing relevant references pertaining to the papiNet e-Document as indicated by the DocumentReferenceType and AssignedBy.

DocumentContent

A grouping element specifying information contained in a document.



DocumentContentType [attribute]

DocumentContentType is mandatory. A single instance is required.

Specifies the type of information contained in a document.

Refer to DocumentContentType definition for any enumerations.

AssignedBy [attribute]

AssignedBy is mandatory. A single instance is required.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

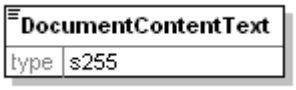
DocumentContentText

DocumentContentTextt is optional. Multiple instances might exist.

Text that is printed on a document.

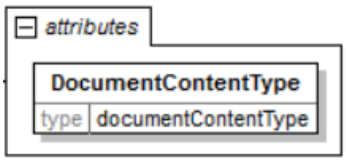
DocumentContentText

Text that is printed on a document.



DocumentContentType [attribute]

Specifies the type of information contained in a document.



This item is restricted to the following list.

Author

Name of the author of the product or book

BasisWeight

The weight of the paper expressed as a mass for a given surface area.

BoxWeight

Weight of the filled box.

BookVolumeNumber

A number assigned to a book that denotes the sequential order when several books are either bound in an identical format or are part of a series or set.

BrandName

A specific product brand name for which the owner or source is specified in the "@AssignedBy" attribute.

Copyright

The year of publication copyright**.**

Edition

Identifies the version of the product for which copies were printed and published at one time; For example in book manufacturing values might be 1st, 2nd, etc

ExportShipMark

An export shipment mark for identification.

GradeCode

A specific product code for which the owner or source is specified in the "@AssignedBy" attribute.

GradeName

A specific product name for which the owner or source is specified in the "@AssignedBy" attribute (for example, ImprovedNewsprint-45-1479).

Identifier

Identifier of the individual item.

ISBN10

10 digit ISBN code without dashes.

ISBN10Dash

10 digit ISBN code with dashes**.**

ISBN13

13 digit ISBN code.

ISBN13Dash

A 13 character ISBN with dashes.

LotIdentifier

A unique code used to identify a grouping of product with one set of quality statistics common to all members of that group. Synonym: Lot Number.

PartNumber

An equivalent to the Stock Keeping Unit (SKU) for which the owner or source is specified in the "@AssignedBy" attribute. In other words, this code fully defines the product.

PlainText

To be removed in a future version. Use instead "ReferenceNumber".

PrintingNumber

A reference to the sequential print run number.

ProductIdentifier

To be removed in a future version. Use instead specific product identifier types such as BrandName, GradeCode, GradeName and PartNumber.

ProfitCenter

Profit Center identifier.

PublisherName

Name of the publisher of a document.

PubName

The publication name.

PurchaseOrderNumber

The unique order identifier as designated by the customer.

PurchaseOrderReference

To be removed in a future version. Use instead "ReferenceNumber".

ReferenceNumber

An informational reference (either textual or numeric) for which the owner or source is specified in the "@AssignedBy" attribute

RetailPrice

Cover price of the finished product.

TambourID

The unique identifier of the jumbo reel (also called mother reel or Tambour).

Title

Proper title of a book product.

TitleAlias

Alternate title description for book products, usually for security purposes.

UnitsPerCarton

Number of units per box.

UniversalProductIdentifier

Unique identifier for the book, component of a book product, and many other products.

VendorBrandName

To be removed in a future version. Use instead “BrandName” and specify owner or source is in the “@AssignedBy” attribute with enumeration “Seller”.

VendorGradeCode

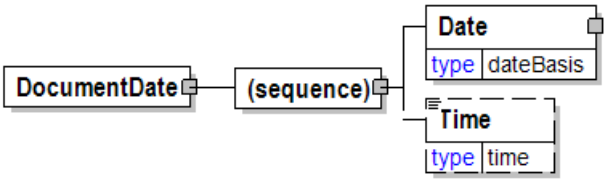
To be removed in a future version. Use instead “GradeCode” and specify owner or source is in the “@AssignedBy” attribute with enumeration “Seller”.

VendorGradeName

To be removed in a future version. Use instead “GradeName” and specify owner or source is in the “@AssignedBy” attribute with enumeration “Seller”.

DocumentDate

The Date and optionally Time when the document that is referred to was issued.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

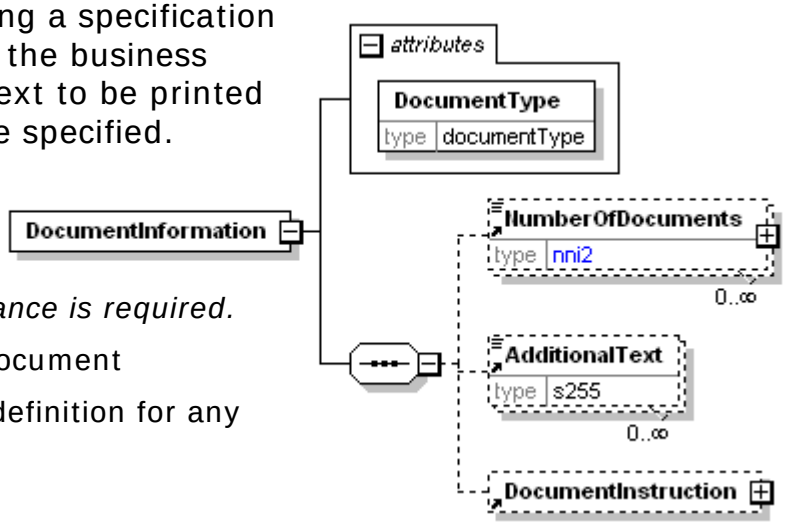
Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

DocumentInformation

A group element containing a specification of required documents in the business process. Additional free text to be printed on documents can also be specified.



DocumentType [attribute]

DocumentType is mandatory. A single instance is required.

Identifies the type of a document

Refer to DocumentType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

NumberOfDocuments

NumberOfDocuments is optional. Multiple instances might exist.

Specifies the number of documents needed.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

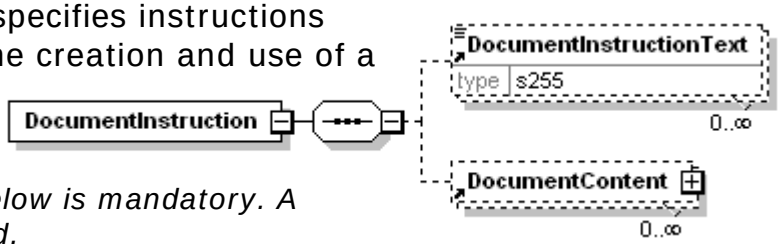
DocumentInstruction

DocumentInstruction is optional. A single instance might exist.

A grouping element that specifies instructions and contents related to the creation and use of a document.

DocumentInstruction

A grouping element that specifies instructions and contents related to the creation and use of a document.



(sequence)

The sequence of items below is mandatory. A single instance is required.

DocumentInstructionText

DocumentInstructionText is optional. Multiple instances might exist.

Text that is describing instructions related to the creation and use of a document.

DocumentContent

DocumentContent is optional. Multiple instances might exist.

A grouping element specifying information contained in a document.

DocumentName [attribute]

Defines the name of e-Documents defined by papiNet.

This item is restricted to the following list.

Availability

The purpose of the Availability e-Document is to provide a means to ask about the availability of the specified product. The amount of the product immediately available (on-hand) is anticipated to be returned. Optionally, the anticipated availability of the product at a point in future can be communicated.

BookSpecification

The BookSpecification e-Document represents established product specifications that can be referenced by multiple transactions in the manufacturing life cycle of a product from RFQ through Invoice and subsequent reprints and/or reorders. It captures unique book manufacturing industry data elements as established by the buyer that are needed by the supplier for manufacturing.

BusinessAcceptance

The receiver of a document uses the BusinessAcceptance to confirm to the sender that the document is accepted or rejected. The BusinessAcceptance can be used as a confirmation of acceptance when there is not a papiNet-designed confirmation e-Document available. Although the BusinessAcceptance is optional between two trading partners, its use is strongly recommended when it is important to get a BusinessAcceptance.

BusinessAcknowledgement

An e-Document receiver uses the BusinessAcknowledgement to notify the sender that a document has been successfully presented to the receiver's ERP system. The BusinessAcknowledgement can be used to acknowledge any papiNet e-Document. Although the BusinessAcknowledgement is optional between two trading partners, its use is strongly recommended since it provides positive verification of the beginning of the transaction by the receiver.

Calendar

The Calendar e-Document is intended to communicate opening times or other details for a location or locations

CallOff

A CallOff is a delivery schedule for product(s). Products to be delivered can be specified by product specifications or by purchase orders. Any party as agreed in a Trading Partner Agreement can send a CallOff. Each line item in a CallOff refers either to a product included in a PurchaseOrder or to the product specifications contained in the line item. The CallOff specifies delivery schedule(s) and quantities for product(s) to be delivered. The schedule may define a specific date and/or time for delivery or include a time range. All products covered by a CallOff must be delivered to a single location.

CallOffWood

A CallOffWood is a business transaction instructing the consignor (normally the seller) to despatch goods belonging to one or several orders. A CallOffWood contains information about how the goods are to be loaded, quantities, marking instructions etc. It may also contain information about where borders are to be crossed and information concerning transport, such as name of ship and shipping agent. In cases where the CallOffWood is not used, delivery information is included in the order.

Complaint

Typically, a Complaint e-Document is sent from the customer or end user to the supplier to communicate information regarding products or services. A response from the supplier is desired and corrective actions, if required. This e-Document must specify the necessary details to enable the supplier to trigger an internal process to verify whether the complaint reason corresponds to the supplier-assessed reason.

ComplaintResponse

Typically, a ComplaintResponse e-Document is sent from the supplier or sender parties to the party who has originated the Complaint, or possibly to the RespondToParty. The e-Document is sent to communicate the acceptance, partial acceptance, or rejection, of the preceding complaint(s) with supporting information. Whatever the decision, this e-Document must specify how the complaint will be processed.

CreditDebitNote

The CreditDebitNote e-Document is generally used by the SupplierParty to compensate or charge the trading parties (ShipToParty, BuyerParty, OtherParty, etc.) for matters outside the scope of the Invoice.

DeliveryInstruction

A DeliveryInstruction can be used to instruct movement of goods to warehouses and movement of goods to virtual locations within warehouses as well as deliveries to customers. The DeliveryInstruction e-Document is designed to fulfil supply chain requirements regarding instruction for goods deliveries to Mills, Suppliers, Forwarders, Warehouse Operators, Customers, and End-Users. The DeliveryInstruction is load oriented which is very efficient when mills and suppliers move goods in large quantities between warehouses.

DeliveryMessage

The DeliveryMessage e-Document enables the sender to describe the contents and configuration of a shipment at various levels of detail.

DeliveryMessageBook

The DeliveryMessageBook e-Document enables the sender to describe the contents and configuration of a shipment at various levels of detail.

DeliveryMessageWood

The DeliveryMessageWood e-Document enables the sender to describe the contents and configuration of a shipment at various levels of detail.

DeliveryPlanning

The DeliveryPlanning e-Document provides a tool for trading partners to exchange information about logistics planning for deliveries, transports and resources. Information can be specified for various levels such as a Budget, a

Forecast, a Demand or a detail Plan for a certain period. Actual outcome to date related to a plan can also be reported.

Reason for deviation between a plan and the actual outcome can be reported. Opening times and/or contingencies can be specified for locations for a given day or period.

The DeliveryPlanning e-Document can supply a complete sourcing plan for a certain planning region containing for example many mills. Origin and destination for products can be specified as well as various transport modes and other transport details.

GoodsReceipt

The ShipTo party, or authorised agent, sends a GoodsReceipt e-Document to the Supplier and/or to the Buyer acknowledging that a specific delivery or a number of deliveries in a given time period have been received and their status.

InfoRequest

The purpose of InfoRequest e-Document is to allow the requesting party to request from the receiver party an update. The e-Documents that may be returned in response to an InfoRequest are the Availability, Calendar, InventoryStatus , OrderStatus, Planning, ProductQuality, ShipmenStatus, ShippingInstructions or Statement.

InventoryChange

The purpose of the InventoryChange e-Document is to inform involved parties about changes in the inventory at a specific location. The e-Document provides information allowing the receiving party to update their systems for cost tracking, performance, and financial reporting.

InventoryDispositionInstructions

The InventoryDispositionInstructions e-Document permits the owner of inventory stored at a third party location to request the inventory be destroyed, shipped to another location, held in inventory, or physically changed. The receiving party makes the requested changes to the inventory and sends an InventoryChange and ShippingInstructions, if required, to the requestor so their systems can be updated.

InventoryStatus

The InventoryStatus e-Document informs involved parties about physical inventory levels at specific stock locations (warehouse, terminal, printer etc.) at a certain time (snapshot).

Invoice

An Invoice e-Document can handle both debits and credits. Typically a seller sends an Invoice to a buyer after delivering the products or services specified in a PurchaseOrder or as part of an automatic replenishment agreement. Alternatively, an Invoice can be prepared by the buyer as part of a self-billing process. The Invoice is a list of the goods shipped and their quantities, or services rendered, indicating the price, terms of sale, supplemental charges, allowances, and communicates the payment required for the indicated items.

InvoiceWood

An InvoiceWood e-Document can handle both debits and credits. Typically a

seller sends an InvoiceWood to a buyer after delivering the products or services specified in a PurchaseOrder or as part of an automatic replenishment agreement. Alternatively, an InvoiceWood can be prepared by the buyer as part of a self-billing process. The InvoiceWood is a list of the goods shipped and their quantities, or services rendered, indicating the price, terms of sale, supplemental charges, allowances, and communicates the payment required for the indicated items.

LoadAvailable

The Supplier party or authorized agent sends a LoadAvailable e-Document to the BuyerParty (consuming mill) indicating that load(s) for specific product is (are) ready on a specific date for acceptance and pickup. The LoadAvailable e-Document from the supplier may include a Shipper Load Number. This number may be used as the consuming mill's release number The Shipper Load Number is used for authorization for pick-up of load at supplier point.

LoadTender

The LoadTender e-Document supports the transport booking process. Transport booking includes the following steps:

- LoadTender – more than one carrier has been informed about the upcoming transport.
- Booking – identifies a transport booking that is part of a detail transport plan, the load has been booked with a single carrier.

LoadTenderResponse

The LoadTenderResponse e-Document supports the transport booking process and is used as a response e-Document to LoadTender e-Document. Transport booking includes the following steps:

- LoadTenderResponse – more than one carrier has been informed about the upcoming transport.
- BookingConfirmation – identifies a transport booking that is part of a detail transport plan, the load has been booked with a single carrier.

MeasuringTicket

The MeasuringTicket e-Document specifies the details from measuring of items. Packages and loads can be measured as well as individual items in packages and loads. Products, Quantities and various measured properties can be reported. These measurements can be used as a base for calculation of billable products.

OrderConfirmation

A seller sends an OrderConfirmation e-Document to a buyer after receiving a PurchaseOrder from that buyer. The e-Document contains a response to the conditions specified in the PurchaseOrder. A supplier may also send an OrderConfirmation e-Document to convey changes that the supplier has made in the order or to convey new information such as a Supplier Reference Number or Job Number.

OrderConfirmationWood

A seller sends an OrderConfirmationWood e-Document to a buyer after receiving a PurchaseOrder from that buyer. The e-Document contains a response to the conditions specified in the PurchaseOrder. A supplier may also

send an OrderConfirmationWood e-Document to convey changes that the supplier has made in the order or to convey new information such as a Supplier Reference Number or Job Number.

OrderStatus

The OrderStatus e-Document permits the sender to report the current status of an order, specific order line items, or to report status of multiple orders based upon some specified criteria. The e-Document enables the sender to indicate a primary status as well as an additional secondary status at the order level as well as for each line and component.

PackingList

The PackingList e-Document specifies the details of a shipment that is being despatched. The seller should send the PackingList e-Document in sufficient time so that the recipient can process the information before the goods arrive. The recipient can then prepare efficiently for the receipt of the goods.

Planning

The Planning e-Document provides a tool for trading partners to exchange forecasted or planned information for a specific product or event within a specified timeframe. The e-Document is designed to support a variety of business processes, which may include securing needed supplies or simply the exchange of information.

ProductAttributes

The ProductAttributes e-Document provides the means to communicate information about products between business partners.

ProductPerformance

The ProductPerformance e-Document is created by the product consumer in order to communicate back to the manufacturer the performance of the product. This e-Document will enable the manufacturer to focus on improvements related to product defects that create inefficiency during performance. The aggregation of performance factors by product will provide the mechanism for achieving the value aspect of the e-Document. The goal is to keep the products of the Pulp & Paper Industry attractive versus competing alternatives.

ProductQuality

The ProductQuality e-Document supports the exchange of quality data for individual items. The agreed properties of the product that are exchanged can include statistical values such as minimum and maximum, standard deviation, sample size, two sigma (lower-limit, upper-limit).

PurchaseOrder

A buyer sends a PurchaseOrder e-Document to a supplier to initiate a trade transaction. This e-Document, which is a request for product, usually represents a firm commitment to buy. (For one type of PurchaseOrder, called a reservation order, the PurchaseOrder is not a firm commitment to buy).

PurchaseOrderWood

A PurchaseOrderWood e-Document is set up between a buyer and a seller. In some cases an agent acts on behalf of the seller or the buyer when setting up the contract. However, the contract is not valid until signed by the buyer and

the seller. A PurchaseOrderWood may cover one delivery of merchandise on one occasion or cover a time period with several deliveries. This PurchaseOrderWood refers to a standardised contract form containing all legal details.

QR

QR (Quick Response) is a light weight papiNet e-Document that is designed to be carried by Quick Response Codes. Multiple document types can be defined in the QR e-Document supporting different contents of QR Codes.

RFQ

A buyer sends an RFQ e-Document to a supplier to initiate a request for quotation. This e-Document, which is a request for product information, represents a request for the supplier to provide a quotation for product availability, shipping, and price.

RFQResponse

A supplier sends an RFQResponse e-Document to a buyer as a response to an RFQ e-Document from the buyer. The e-Document specifies a quotation for product availability, shipping, and price.

ScaleTicket

The ScaleTicket e-Document provides wood or fibre suppliers with a means to electronically incorporate scale system receiving data into their accounting systems from buying entities' back office systems.

ShipmentStatus

The ShipmentStatus e-Document is sent to communicate the status of a shipment or consignment with references to other documents. Typically, a ShipmentStatus e-Document is sent from the forwarder or carrier to the consignor / forwarder.

ShippingInstructions

The ShippingInstructions e-Document communicates delivery information for product(s) supported by a PurchaseOrder.

Statement

The Statement e-Document permits the manufacturer or supplier to report the current status of an invoice, or a list of invoices based upon specified criteria. The e-Document enables the sender to indicate payment status for the invoice.

Usage

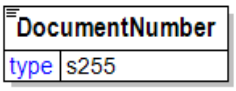
The Usage e-Document is used to notify a supplier or buyer that material has been consumed within the end user's manufacturing process.

Other

Other e-documents not specified by papiNet.

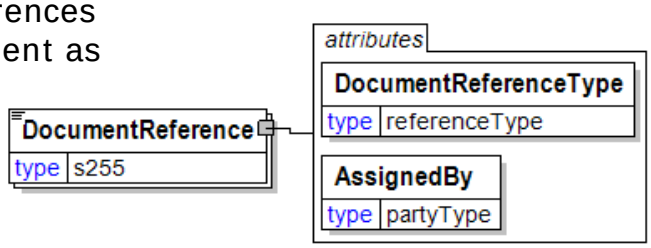
DocumentNumber

The unique identifier of the original document.



DocumentReference

An element detailing relevant references pertaining to the papiNet e-Document as indicated by the DocumentReferenceType and AssignedBy.



DocumentReferenceType [attribute]

DocumentReferenceType is mandatory. A single instance is required.

DocumentReferenceType provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Customer”, “Seller”, and/or “Supplier”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to DocumentReferenceType definition for any enumerations.

AssignedBy [attribute]

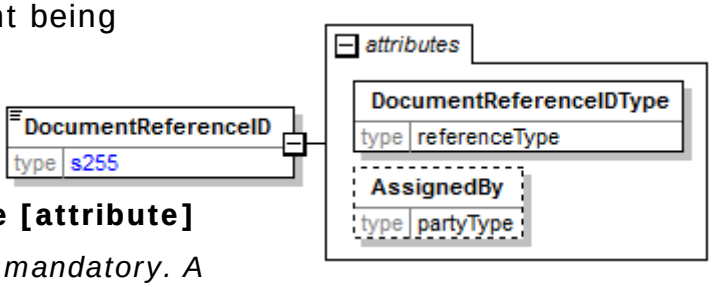
AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy definition for any enumerations.

DocumentReferenceID

Identification for the document being referenced



DocumentReferenceIDType [attribute]

DocumentReferenceIDType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to DocumentReferenceIDType definition for any enumerations.

AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

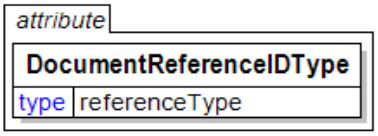
Refer to AssignedBy definition for any enumerations.

DocumentReferenceIDLineItemNumber

Line item number for a specific line of the document being referenced



DocumentReferenceIDType [attribute]



Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

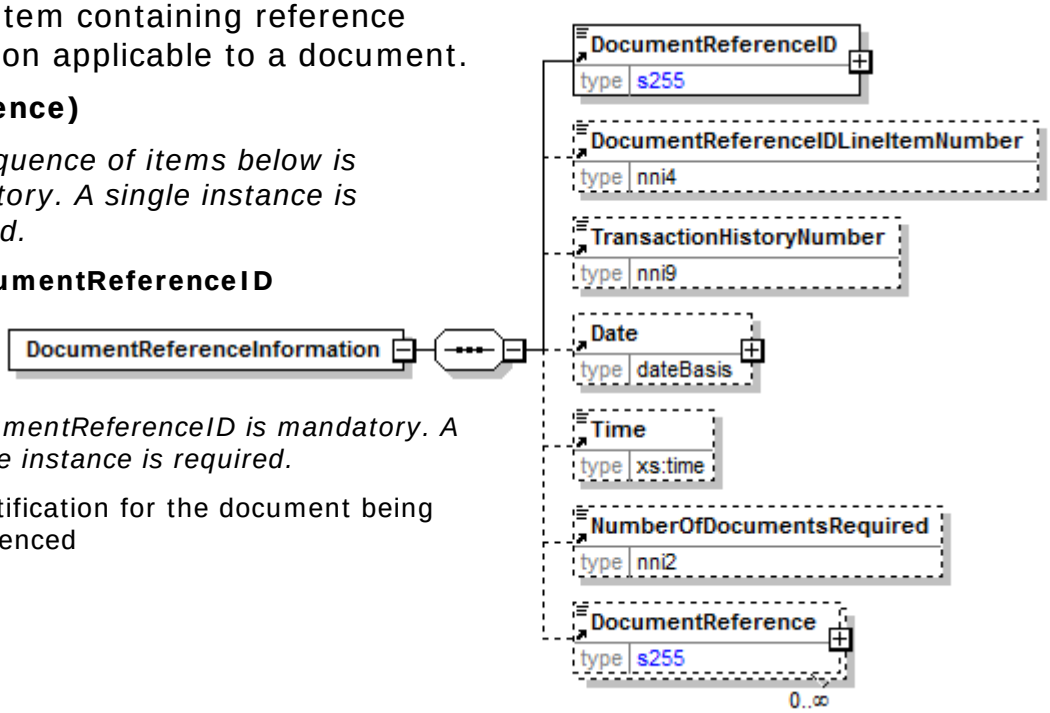
Refer to the referenceType entry for the list of enumerations and their definitions.

DocumentReferenceInformation

A group item containing reference information applicable to a document.

(sequence)

The sequence of items below is mandatory. A single instance is required.



DocumentReferenceID

DocumentReferenceID is mandatory. A single instance is required.

Identification for the document being referenced

DocumentReferenceIDLineItemNumber

DocumentReferenceIDLineItemNumber is optional. A single instance might exist.

Line item number for a specific line of the document being referenced.

TransactionHistoryNumber

TransactionHistoryNumber is optional. A single instance might exist.

A sequential number that keeps track of the version of a document being sent by the document originator except in the case where TransactionHistoryConfirmation is used, in which case the TransactionHistoryNumber refers to the trigger transaction for which the confirmation is being sent.

Date

Date is optional. A single instance might exist.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

NumberOfDocumentsRequired

NumberOfDocumentsRequired is optional. A single instance might exist.

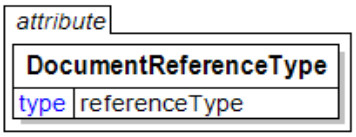
The number of copies of the document required.

DocumentReference

DocumentReference is optional. Multiple instances might exist.

An element detailing relevant references pertaining to the papiNet e-Document as indicated by the DocumentReferenceType and AssignedBy.

DocumentReferenceType [attribute]

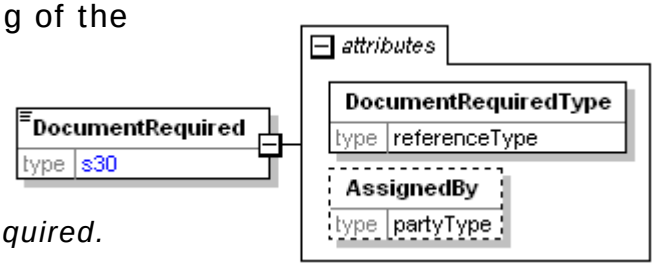


DocumentReferenceType provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Customer”, “Seller”, and/or “Supplier”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

DocumentRequired

An element that permits the listing of the documents required.



DocumentRequiredType [attribute]

DocumentRequiredType is mandatory. A single instance is required.

Indicates which documents are required.

Refer to DocumentRequiredType definition for any enumerations.

AssignedBy [attribute]

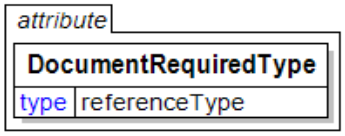
AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy definition for any enumerations.

DocumentRequiredType [attribute]

Indicates which documents are required.



Many items are currently prefixed by “Buyer”, “Customer”, “Seller”, and/or “Supplier”. Check for

an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

DocumentType [attribute]

Identifies the type of a document.
Used by DocumentInformation element



This item is restricted to the following list.

ATR

BillOfLading

CertificateForPackaging

CIM

CMR

DeliveryNote

EUR1

Invoice

PackingList

The PackingList e-Document specifies the details of a shipment that is being despatched. The seller should send the PackingList e-Document in sufficient time so that the recipient can process the information before the goods arrive. The recipient can then prepare efficiently for the receipt of the goods.

PowerOfAttorney

TORG12

T2

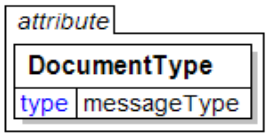
T2L

UnitPaper

WayBill

DocumentType [attribute]

The type of e-Document being communicated.
Used by Document element



This item is restricted to the following list.

Agreement

A legally binding exchange of promises between parties that the law will enforce.

Approximate

An Invoice that is created to record ownership transfer without the material physically being moved. Typically what occurs is that the buyer has agreed to take ownership of the item at a certain point in time but has not arranged for transportation. Approximate invoices are invoices that are claiming payment.

ArrivalTicket

A MeasuringTicketType that contains information about rough measurements done upon arrival of a transport vehicle to a measuring location. For example used for updating physical location of the load and calculating compensation to the carrier.

AvailabilityInstruction

An AvailabilityInstruction can specify many delivery events. Each event can contain quantity for one or many loads, but does not specify the load. A DeliveryInstruction type DeliveryInstruction specifies more details for the events in an AvailabilityInstruction. AvailabilityInstruction can also be handled by the company responsible for the delivery independently if so agreed.

BlanketOrder

An order that communicates the same information as a StandardOrder but also indicates that the order may be completed over a period of time or, until a certain volume is achieve or, until a certain currency amount is spent.

Booking

An indication that time for a service is required. For example a booking that is part of a detail transport plan.

BookingConfirmation

A communication affirming the placement of the booking with a particular party.

CalibrationCheckLog

A MeasuringTicketType that contains a check log with information about calibration of measuring equipment.

CallOff

Defines a CallOff sent by the buyer to the seller.

CallOffConfirmation

Defines a CallOff confirmation sent in response to a CallOff.

Claim

A “Claim” type is used when there is a customer reaction that includes a financial compensation.

ConfirmingOrder

A confirming order is used to electronically confirm an order that has not been placed electronically by the customer that is, it was placed using another mean such as fax, phone or email.

ConsumptionOrder

A PurchaseOrder that is based upon consumption for a particular period of time or instance.

CreditNote

Credits that are provided for amount reductions and complaints. A CreditNode will normally have a reference to an earlier issued Invoice.

DebitNote

A DebitNote claims payment for additional charges. A DebitNote normally has a reference to an earlier issued Invoice.

DeliveryInstruction

A DeliveryInstruction can specify many delivery events. Each event can contain quantity for one or many loads. A sequence in a DeliveryInstruction specifies all details for one event. The receiver of a DeliveryInstruction can generate many Loading Instructions from one DeliveryInstruction.

DeliveryMessage

A DeliveryMessage type that contains optional routing information, quantities at the DeliveryMessageLineItem level, and details at the DeliveryMessageLineItemDetail level. The seller uses a DeliveryMessage to provide delivery details to the ship-to party and tracking information.

DeliveryPlan

A DeliveryPlanningType used to inform about quantities and times for the planned deliveries to the delivery destinations.

Duplicate

To be removed in a future version. When an Invoice is reissued as a duplicate the Invoice type should be the same as on the original Invoice. Use attribute Reissued = Yes to indicate a duplicate.

Feedback

A “Feedback” type is used when there is a customer reaction that doesn’t include any financial compensation.

InitialShipmentAdvice

A DeliveryMessage type that contains detailed routing information, quantities at the DeliveryMessageLineItem level and optionally details at the DeliveryMessageLineItemDetail level. The seller uses the InitialShipmentAdvice to provide preliminary notification of shipment routing and quantities (can be used as an advanced notice of delivery). The quantities indicated may not necessarily be delivered—for example, if there is damage in transit or the delivery is rerouted to another destination.

Invoice

A regular Invoice (referred to as an Invoice) is claims payment for products, services, and charges supplied under conditions agreed to between seller and buyer. The Invoice communicates, among other things, payment terms, payment method, and the payment amount required for one or more deliveries.

InvoiceSpecification

A MeasuringTicketType that contains information about measured products including prices and amounts. This MeasuringTicketType is normally used as a detailed specification of billable or invoiced products.

LoadAvailable

LoadAvailable indicates the e-Document is from the company with the load.

LoadAvailableConfirmation

LoadAvailableConfirmation indicates the e-Document is from the company to whom the load was offered.

LoadedSpecification

A DeliveryMessage type that contains a specification of loaded goods on a transport unit (e.g. container, rail wagon). A loading specification (LoadedSpecification) can contain goods belonging to many suppliers and buyers and is normally referring to a Loading Instruction.

LoadingInstruction

A Loading Instruction specifies loading of transport units. A Forwarder receiving a DeliveryInstruction from a supplier can convert it into many Loading Instructions, which are sent to a Warehouse Operator. A sequence in a Loading Instruction specifies all details how to load one transport unit. A Loading Instruction can include goods from many delivery instructions and also goods belonging to many suppliers.

LoadingOrder

Specifies delivery schedule, the transport booking requirements and shipping instructions, as well as the internal work order for the shipment

LoadingSchedule

The schedule for transport vehicle loading.

LoadTender

More than one carrier has been informed about the upcoming transport requirement (the load).

LoadTenderResponse

Indicates the ability of the respondent to fulfill the load tender request.

MeasuringTicket

A MeasuringTicketType that contains detailed information about measured products and items. This information can be used as a base for calculation of billable products.

OfficeSchedule

The schedule for office personnel.

PackingSpecification

A Packing Specification is a business transaction specifying the complete consignment being shipped from a consignor to a consignee. The specification describes in detail what is being shipped and how it is packed and marked.

PreBooking

A requirement for a transport vehicle or unit reservation that has risen from a rough transport plan.

PreBookingConfirmation

A communication of the requirement for a transport vehicle or unit reservation

that has risen from a rough transport plan.

PrePayment

A prepayment Invoice is used as a notification of amounts to be paid in advance. It is not a legal Invoice claiming payment for provided products or services.

PriceList

Used when sending a pricelist

ProductCrossReference

Used in the exchange of ProductIdentifier cross-references for the product codes used by two trading partners

ProductionTicket

A MeasuringTicketType that contains information about produced products and items. A ProductionTicket can also contain measuring information for produced items.

ProductProperties

Used when sending a list of ProductAttributes

ProForma

A pro-forma Invoice is not a legal Invoice claiming payment. A pro-forma Invoice is an e-Document serving as a preliminary Invoice, containing on the whole the same information as the final Invoice, but not actually claiming payment. Pro-forma invoices are typically used in a cross-border shipment for customs purposes. Can travel with the product or be sent to a broker.

QR_DMM

Contains information needed by a measuring party to be able to start measurement of products for a delivery. It is condensed information from information normally found in a papiNet DeliveryMessage.

ReleaseOrder

A release order is used to release a product to be made. This type of order refers to a previous order or agreement, such as a reservation order, a contract, or a blanket order. A release number version, which is an incremented number, is used in this type.

ReservationOrder

A reservation order is used to book a paper supplier‘s capacity for specific quantities of specific products, but it is not yet a firm commitment to buy. Consequently, all line items of a reservation order have a ProductionStatusType of NotFree. To release one or more PurchaseOrder line items of a reservation order, a buyer can use a standard order or a release order.

ResourcePlan

A DeliveryPlanning type that contains information about all the planned resources available for a certain period. The resources can be for example vehicles or personnel.

SampleMeasuringTicket

A MeasuringTicketType that contains detailed information about measured samples taken from e.g. a delivery.

SelfBillingStatement

A SelfBillingStatement is an Invoice that is prepared by the buyer of the product (or the consumer of the service) for the provider of the product or service. The preparer will pay the Invoice.

Typically, logistics cost-charges are the services that are communicated. They are incurred during a certain period of time between the party who provides the logistics services (typically the party with a LogisticsRole of "LogisticsProvider") and the requestor of such services (typically the party with a LogisticsRole of "Consignor").

Raw materials, maintenance, repair, and operating supplies are examples of products that can be entered on a self billing statement for products. This type of Invoice is also referred to as an invoice for "evaluated receipts" because it developed from the receiving department's evaluation of their receipts and from that creating the Invoice.

The SelfBillingStatement process exists when there is a great deal of trust between the trading partners that permits this cost savings business process.

ShipmentAdvice

A DeliveryMessage type that contains a specification of goods, that are dispatched and will be delivered to a warehouse. A ShipmentAdvice can refer to a DeliveryInstruction Sequence or a CallOff, but is normally also used for notifying a receiving warehouse operator of shipments to the warehouse.

ShippingInstructionsConfirmation

Confirmation of the Shipping Instruction.

ShippingInstructionsDistribution

Shipping Instruction serves as a billable order for shipping product that was produced under a previous manufacturing order.

ShippingInstructionsPackaging

To be deprecated in a future version. Guidance will be given to trading partners not to use this enumeration.

ShippingInstructionsRouting

Shipping instructions issued in conjunction with a PurchaseOrder for shipping the product.

SpecContent

Indicates that BookSpecification should only be used in the content file verification process.

SpecOrder

Used when the BookSpecification e-Document is intended for use with the PurchaseOrder transaction.

StandardOrder

A standard order is a regular one-time order. It defines quantities for one or more products to be purchased and may also define a delivery location and

date. A standard order may reference a previous agreement (for example, a quotation, a contract, or a reservation order) for information.

SpecRFQ

Used when the BookSpecification e-Document is intended for use with the Request for Quote (Estimate) transaction.

StandardRFQ

SupplierSpec

Will be removed in a future version. Recommended not to be used.
(Old definition: Used when the BookSpecification e-Document is intended for use by the Supplier only and is not generated by, or transmitted to the Buyer).

SupportSchedule

The support schedule for transport operations.

ThirdPartyShipmentAdvice

Notification of a shipment from a warehouse to a party other than the party that ordered the product from the supplier.

TransportPlan

A DeliveryPlanningType used to inform about quantities and times for the planned transports to the delivery destinations.

TrialOrder

A trial order is used whenever a seller has agreed to have a buyer sample a product. The seller needs to process this order differently from other orders, because a trial order may include a product sold at a discounted rate or even provided for free. A trial order typically is for small quantities.

UniqueProductIdentifier

The information contains unique product identifiers.

UnloadingSchedule

The schedule for transport vehicle unloading.

Waybill

The forwarding agreement or carrying agreement that is used as a receipt for cargo and as a contract of carriage.

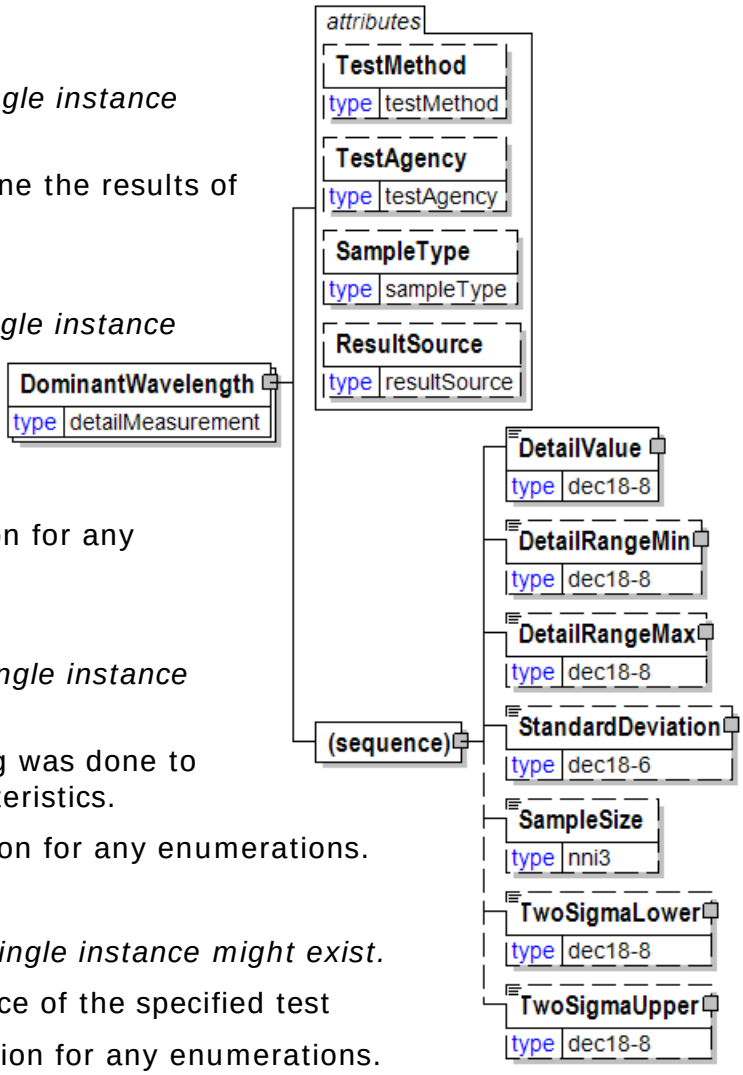
DocumentVersionNumber

The document version number, currently BookSpecification is the only e-Document that has a Version Number.



DominantWavelength

Dominant wavelength



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

TwoSigmaUpper

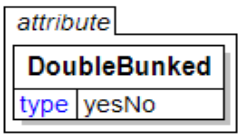
TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

DoubleBunked [attribute]

Either "Yes" or "No".

This item is restricted to the following list.

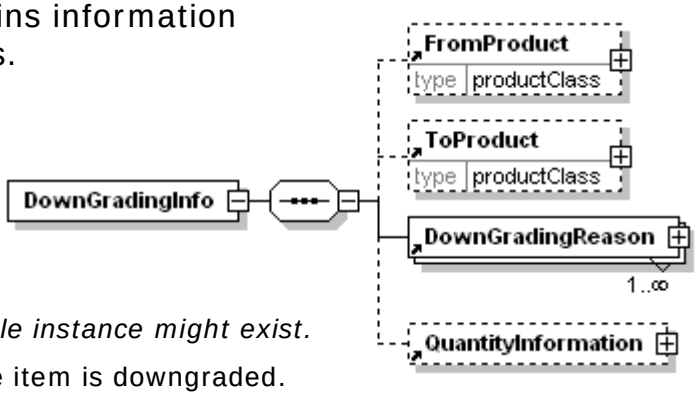


Yes

No

DownGradingInfo

A grouping element that contains information about downgrading of products.



(sequence)

The sequence of items below is mandatory. A single instance is required.

FromProduct

FromProduct is optional. A single instance might exist.

Defines from which product the item is downgraded.

ToProduct

ToProduct is optional. A single instance might exist.

Defines to which product the item is downgraded.

DownGradingReason

DownGradingReason is mandatory. Multiple instances might exist.

A grouping element that contains the reason for downgrading.

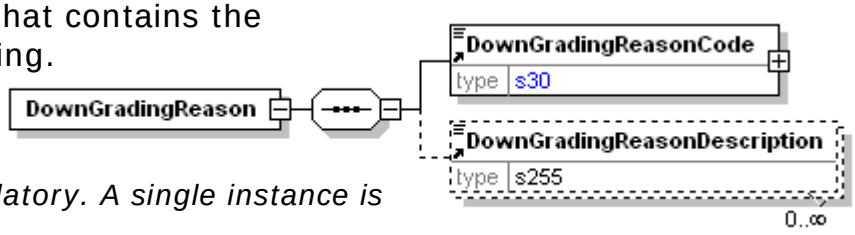
QuantityInformation

QuantityInformationt is optional. A single instance might exist.

A group item containing information about quantity and informational quantity of similar items.

DownGradingReason

A grouping element that contains the reason for downgrading.



(sequence)

The sequence of items below is mandatory. A single instance is required.

DownGradingReasonCode

DownGradingReasonCode is mandatory. A single instance is required.

A code that specifies the reason for downgrading. The Agency responsible for the code is associated with the element.

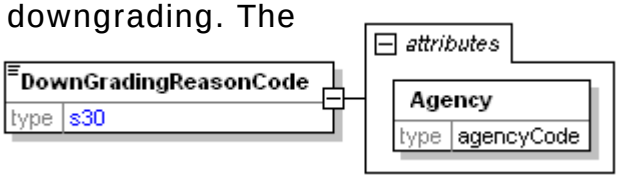
DownGradingReasonDescription

DownGradingReasonDescription is optional. Multiple instances might exist.

A free form description of the reason for downgrading.

DownGradingReasonCode

A code that specifies the reason for downgrading. The Agency responsible for the code is associated with the element.



Agency [attribute]

Agency is mandatory. A single instance is required.

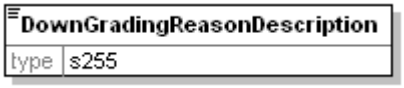
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

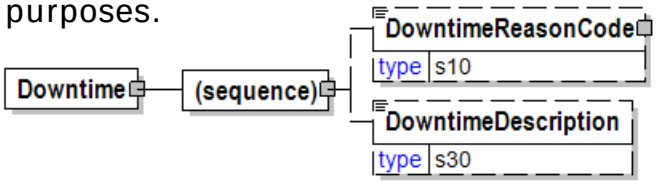
DownGradingReasonDescription

A free form description of the reason for downgrading.



Downtime

An element used to communicate when equipment is not available for manufacturing purposes.



(sequence)

The sequence of items below is mandatory. A single instance is required.

DowntimeReasonCode

DowntimeReasonCode is optional. A single instance might exist.

A reason code created by the indicated agency for downtime.

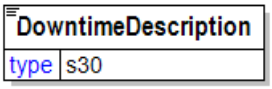
DowntimeDescription

DowntimeDescription is optional. A single instance might exist.

The description of the downtime.

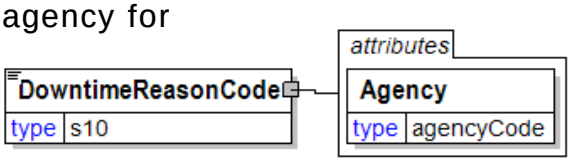
DowntimeDescription

The description of the downtime.



DowntimeReasonCode

A reason code created by the indicated agency for downtime.



Agency [attribute]

Agency is mandatory. A single instance is required.

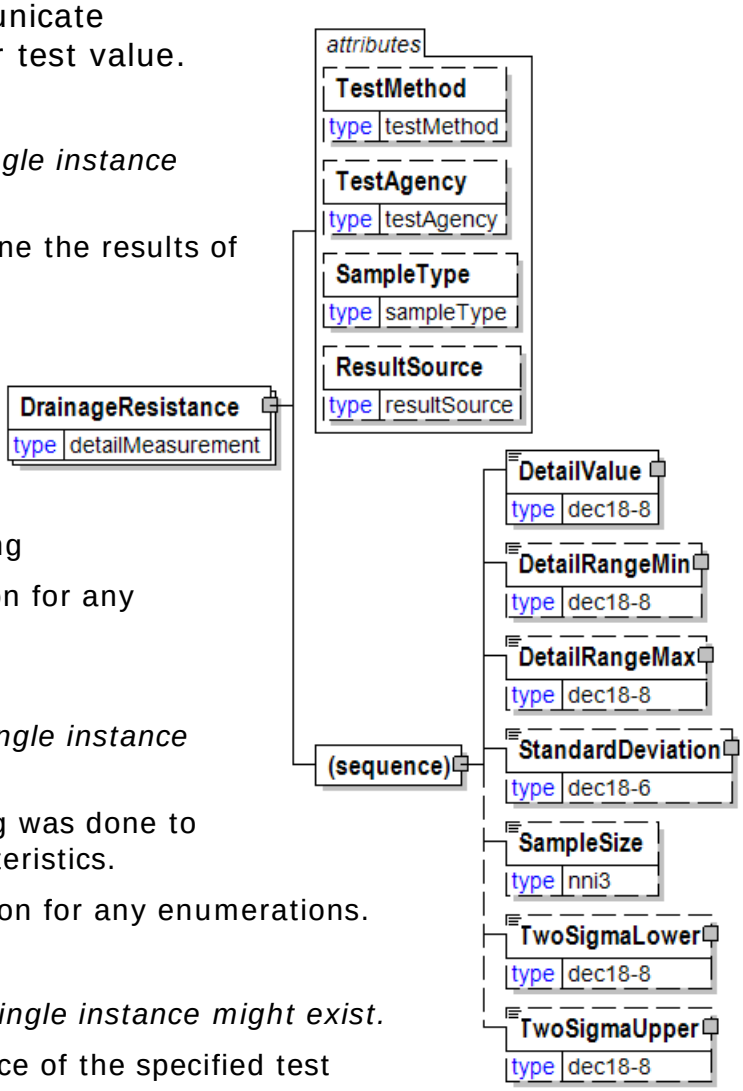
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

DrainageResistance

A group item used to communicate drainage resistance target or test value.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

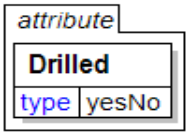
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

Drilled [attribute]

Either "Yes" or "No".



This item is restricted to the following list.

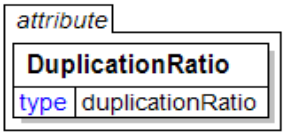
Yes

No

DuplicationRatio [attribute]

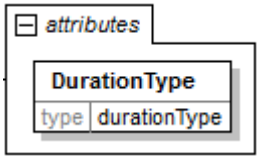
Duplication ratio

Any valid string



DurationType [attribute]

Type of duration of the planning period.



This item is restricted to the following list.

Calendar

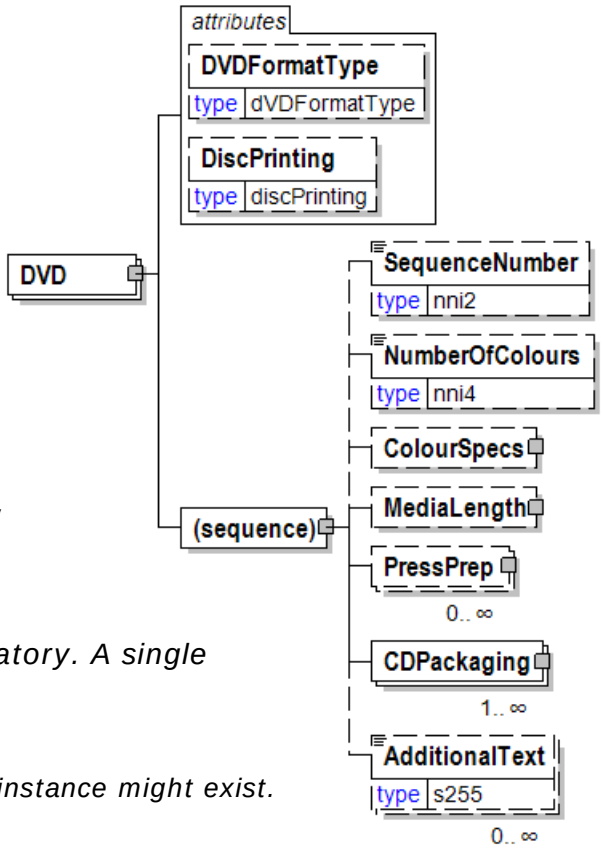
Duration in calendar time.

Workday

Duration in working time

DVD

DVD



DVDFormatType [attribute]

DVDFormatType is optional. A single instance might exist.

DVD format type

Refer to DVDFormatType definition for any enumerations.

DiscPrinting [attribute]

DiscPrinting is optional. A single instance might exist.

Disc printing

Refer to DiscPrinting definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

SequenceNumber

SequenceNumber is optional. A single instance might exist.

NumberOfColours

NumberOfColours is optional. A single instance might exist.

The number of colours

ColourSpecs

ColourSpecs is optional. A single instance might exist.

Colour specs

MediaLength

MediaLength is optional. A single instance might exist.

Media length

PressPrep

PressPrep is optional. Multiple instances might exist.

Press preparation information

CDPackaging

CDPackaging is mandatory. One instance is required, multiple instances might exist.

CD Packaging

AdditionalText

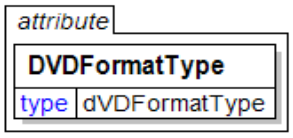
AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

DVDFormatType [attribute]

DVD format type

This item is restricted to the following list.



1

2

3

4

5

6

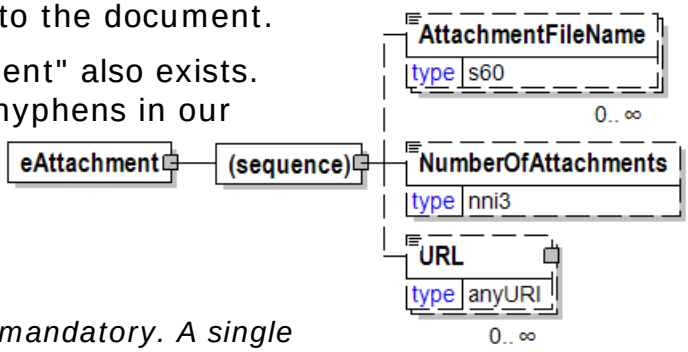
7

8

eAttachment

eAttachment enables the sender to provide information about attachments to the document.

Note: An element "e-Attachment" also exists. papiNet will no longer use hyphens in our element and attribute names as this causes issues with BizTalk.



(sequence)

The sequence of items below is mandatory. A single instance is required.

AttachmentFileName

AttachmentFileName is optional. Multiple instances might exist.

The name of the attached file.

NumberOfAttachments

NumberOfAttachments is optional. A single instance might exist.

NumberOfAttachments indicates the number of attachments enclosed in the e-Document

URL

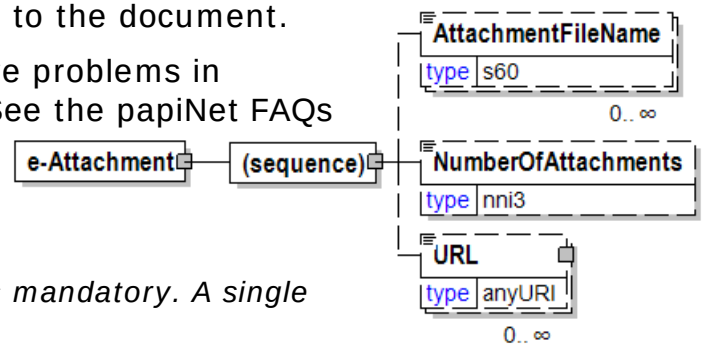
URL is optional. Multiple instances might exist.

Universal Resource Locator. While typically a web address you could use this field to hold an email address.

e-Attachment

e-Attachment enables the sender to provide information about attachments to the document.

Note: BizTalk users may have problems in processing this element. See the papiNet FAQs (papiNet.org) for more information.



(sequence)

The sequence of items below is mandatory. A single instance is required.

AttachmentFileName

AttachmentFileName is optional. Multiple instances might exist.

The name of the attached file.

NumberOfAttachments

NumberOfAttachments is optional. A single instance might exist.

NumberOfAttachments indicates the number of attachments enclosed in the e-Document

URL

URL is optional. Multiple instances might exist.

Universal Resource Locator. While typically a web address you could use this field to hold an email address.

Edge

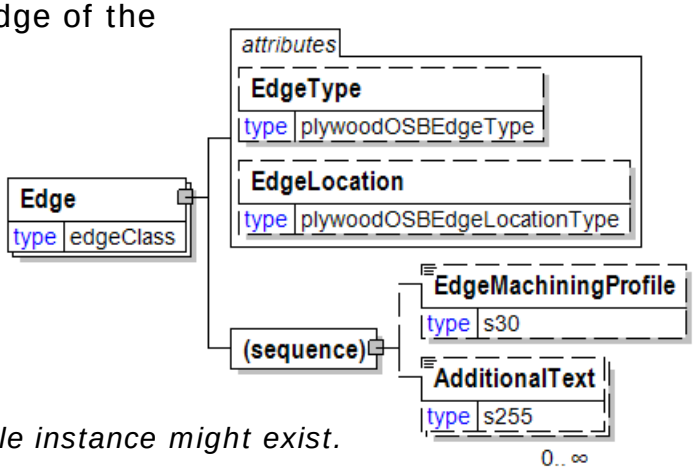
Describes the finishing of the edge of the board.

EdgeType [attribute]

EdgeType is optional. A single instance might exist.

Edge type (plywood)

Refer to EdgeType definition for any enumerations.



EdgeLocation [attribute]

EdgeLocation is optional. A single instance might exist.

Location of edge of a sheet or board, (e.g. top/bottom/left/right).

Refer to EdgeLocation definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

EdgeMachiningProfile

EdgeMachiningProfile is optional. A single instance might exist.

The edge machining profile.

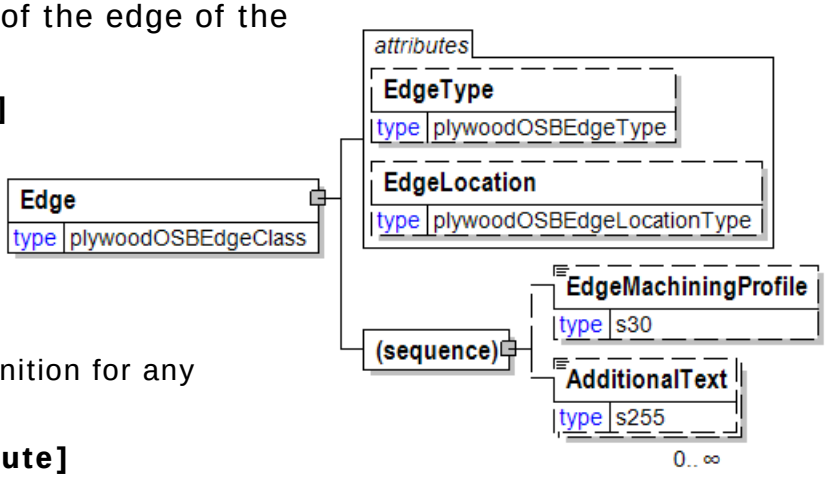
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

Edge

Describes the finishing of the edge of the board.



EdgeType [attribute]

EdgeType is optional. A single instance might exist.

Edge type (plywood)

Refer to EdgeType definition for any enumerations.

EdgeLocation [attribute]

EdgeLocation is optional. A single instance might exist.

Location of edge of a sheet or board, (e.g. top/bottom/left/right).

Refer to EdgeLocation definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

EdgeMachiningProfile

EdgeMachiningProfile is optional. A single instance might exist.

The edge machining profile.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

EdgeFinish

The finish applied to the edge.



This item is restricted to the following list.

Trimmed

Rough

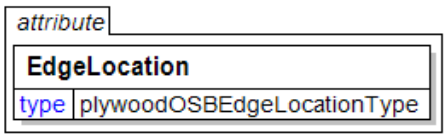
Deco

Stained

Guilded

EdgeLocation [attribute]

Location of edge of a sheet or board, (e.g. top/bottom/left/right).



This item is restricted to the following list.

North

Top

South

Bottom

East

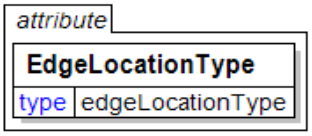
Right

West

Left

EdgeLocationType [attribute]

Edge location type.



This item is restricted to the following list.

Foot

Lowest part of the book.

Head

Top part of the book.

Margin

The blank space bordering the written part of a book.

Spine

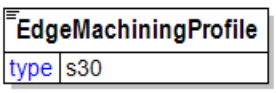
Hinged back of the book.

Thumb

Front edge of the book.

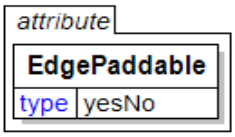
EdgeMachiningProfile

The edge machining profile.



EdgePaddable [attribute]

Refers to the process of applying edge padding glue or adhesive (Yes) or not (No). A liquid adhesive mixture which when brushed or sprayed onto the side of a pile of paper binds the sheets together along one edge, thus forming a pad.



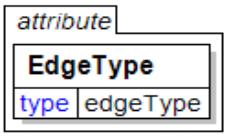
This item is restricted to the following list.

Yes

No

EdgeType [attribute]

Edge type (paper)



This item is restricted to the following list.

Bottom

Foot

Head

Left

Margin

Right

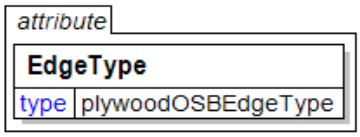
Spine

Thumb

Top

EdgeType [attribute]

Edge type (plywood)



This item is restricted to the following list.

ShipLap

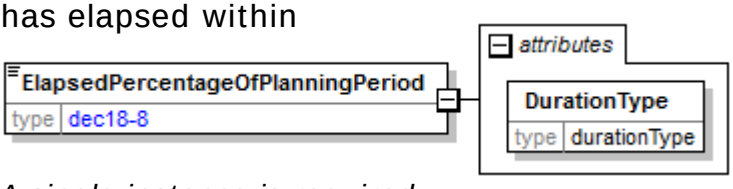
SquareEdge

TongueAndGroove-FullFace

TongueAndGroove-ScantFace

ElapsedPercentageOfPlanningPeriod

The percentage of time that has elapsed within planning period.



DurationType [attribute]

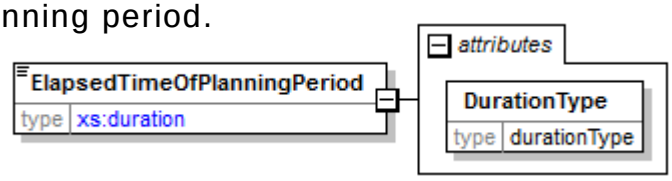
DurationType is mandatory. A single instance is required.

Type of duration of the planning period.

Refer to DurationType definition for any enumerations.

ElapsedTimeOfPlanningPeriod

Time that has elapsed within planning period.



DurationType [attribute]

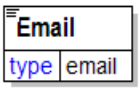
DurationType is mandatory. A single instance is required.

Type of duration of the planning period.

Refer to DurationType definition for any enumerations.

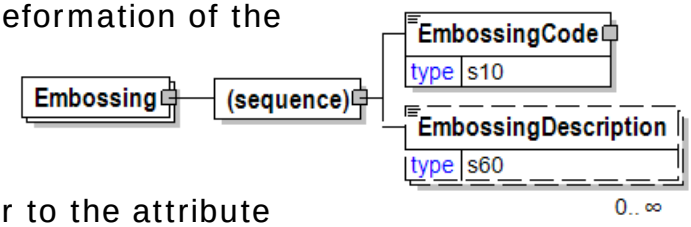
Email

The primary business email address of the individual associated with the ContactName.



Embossing

Embossing requirements for sheets and reels. Embossing involves a physical deformation of the paper surface as part of the conversion process. Embossing is applied either in-line (directly after the paper machine) or off-line. Refer to the attribute FinishType for additional information.



(sequence)

The sequence of items below is mandatory. A single instance is required.

EmbossingCode

EmbossingCode is mandatory. A single instance is required.

A code to identify the type of Embossing.

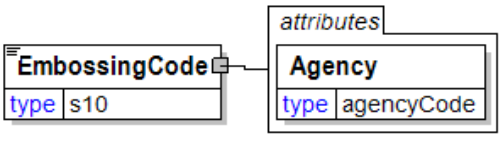
EmbossingDescription

EmbossingDescription is optional. Multiple instances might exist.

A description of the embossing.

EmbossingCode

A code to identify the type of Embossing.



Agency [attribute]

Agency is mandatory. A single instance is required.

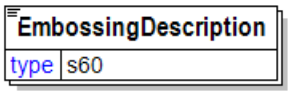
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

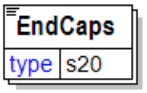
EmbossingDescription

A description of the embossing.



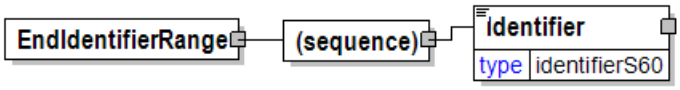
EndCaps

A cover to protect the ends of the reel, usually circle shaped and made from Kraft paper or plywood.



EndIdentifierRange

A group element that identifies the ending item identifier in the range of items that contributed to the aggregated measurements for the range.



(sequence)

The sequence of items below is mandatory. A single instance is required.

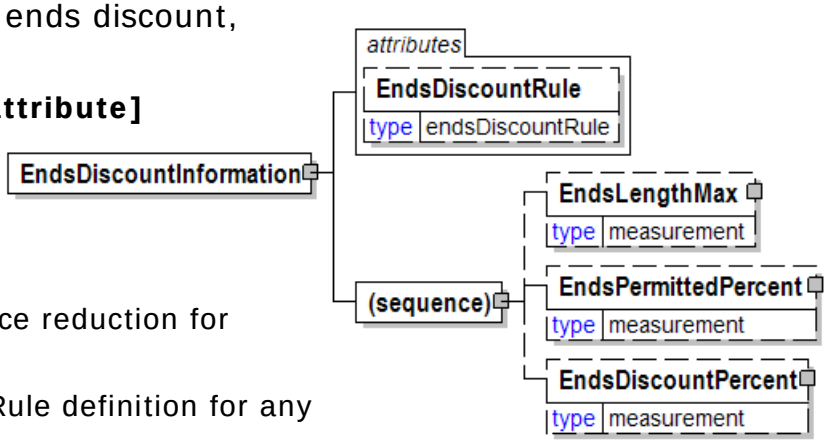
Identifier

Identifier is mandatory. A single instance is required.

An Identifier is required for packages and items (pallets, reel packages, boxes, ream items, reel items, etc). The Identifier element contains the actual item identifier code. Identifier is repeatable so more than one identifier can be communicated. For example, the printed identifier on a label may be different from the barcode printed on the label.

EndsDiscountInformation

Rule for calculating the ends discount, expressed by a code.



EndsDiscountRule [attribute]

EndsDiscountRule is optional. A single instance might exist.

The rule applied for price reduction for product ends

Refer to EndsDiscountRule definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

EndsLengthMax

EndsLengthMax is optional. A single instance might exist.

Maximum length to be considered as ends.

EndsPermittedPercent

EndsPermittedPercent is optional. A single instance might exist.

The amount of the goods in percentage to be considered as ends.

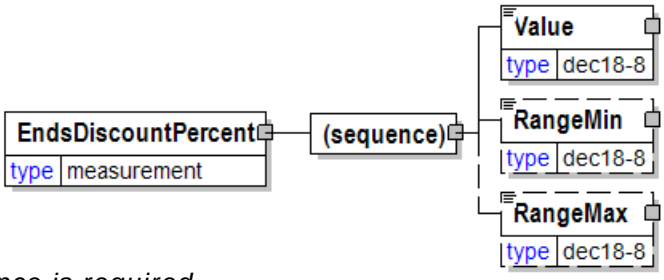
EndsDiscountPercent

EndsDiscountPercent is optional. A single instance might exist.

The discount percentage agreed between the seller and the buyer.

EndsDiscountPercent

The discount percentage agreed between the seller and the buyer.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

RangeMax

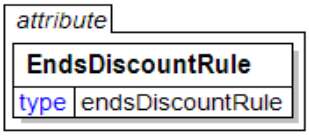
RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the

parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

EndsDiscountRule [attribute]

The rule applied for price reduction for product ends



This item is restricted to the following list.

NoDiscount

No Discount

TotalVolume

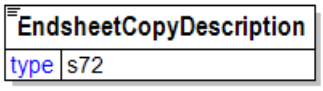
Discount based on total volume of product

TotalVolumeOverPermittedPercent

Discount based on total volume of product in excess of a permitted percent

EndsheetCopyDescription

End sheet copy description



EndsheetInformation

End sheet information.

EndsheetType [attribute]

EndsheetType is optional. A single instance might exist.

End sheet type

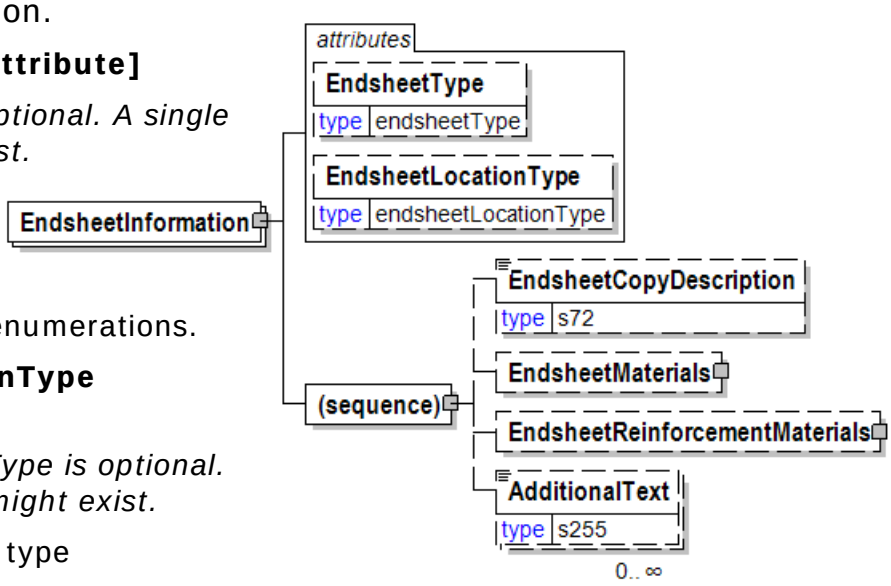
Refer to EndsheetType definition for any enumerations.

EndsheetLocationType [attribute]

EndsheetLocationType is optional. A single instance might exist.

End sheet location type

Refer to EndsheetLocationType definition for any enumerations.



(sequence)

The sequence of items below is mandatory. A single instance is required.

EndsheetCopyDescription

EndsheetCopyDescription is optional. A single instance might exist.

End sheet copy description

EndsheetMaterials

EndsheetMaterials is optional. A single instance might exist.

End sheet materials.

EndsheetReinforcementMaterials

EndsheetReinforcementMaterials is optional. A single instance might exist.

End sheet reinforcement materials

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

EndsheetLocationType [attribute]

End sheet location type



This item is restricted to the following list.

Front

End sheet is located only in the front of the ream

Back

End sheet is located only in the back of the ream

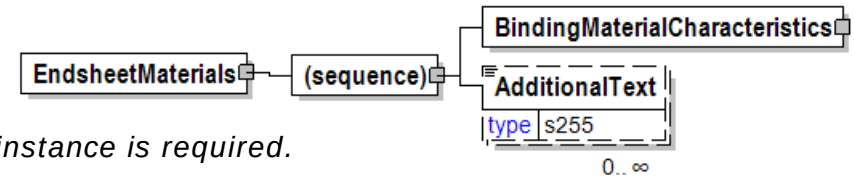
FrontAndBack

End sheet is located at both the front and the back of the ream

EndsheetMaterials

End sheet materials.

(sequence)



The sequence of items below is mandatory. A single instance is required.

BindingMaterialCharacteristics

BindingMaterialCharacteristics is mandatory. A single instance is required.

Binding Material Characteristics

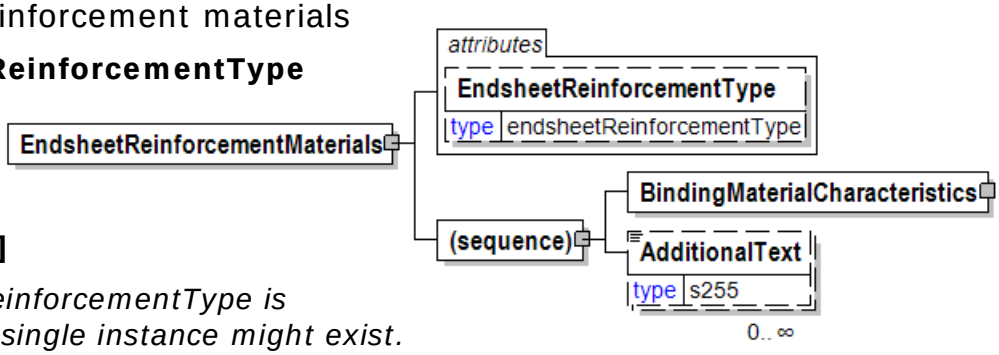
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

EndsheetReinforcementMaterials

End sheet reinforcement materials



EndsheetReinforcementType

[attribute]

EndsheetReinforcementType is optional. A single instance might exist.

End sheet reinforcement type

Refer to EndsheetReinforcementType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

BindingMaterialCharacteristics

BindingMaterialCharacteristics is mandatory. A single instance is required.

Binding Material Characteristics

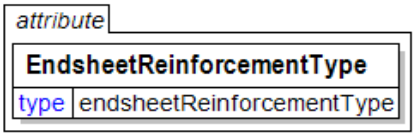
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

EndsheetReinforcementType [attribute]

End sheet reinforcement type



This item is restricted to the following list.

Concealed

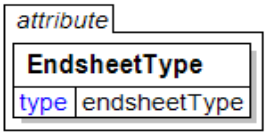
End sheet reinforcement is hidden

Exposed

End sheet reinforcement is visible

EndsheetType [attribute]

End sheet type



This item is restricted to the following list.

Blank

Printed

SelfEnding

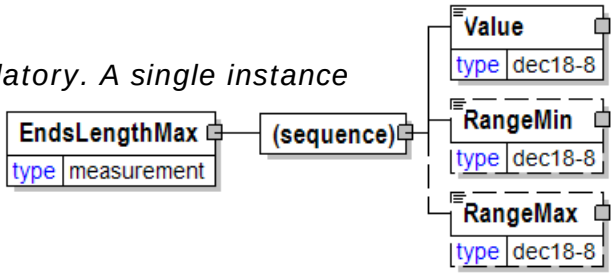
UniformStateLabel

EndsLengthMax

Maximum length to be considered as ends.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

RangeMax

RangeMax is optional. A single instance might exist.

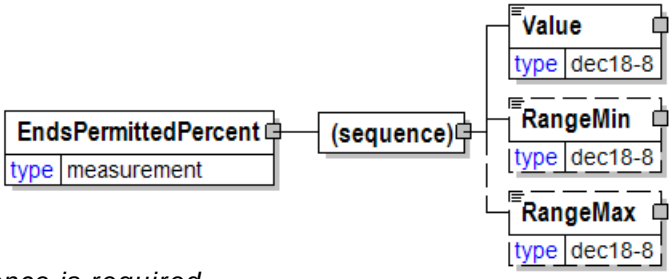
The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

EndsPermittedPercent

The amount of the goods in percentage to be considered as ends.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

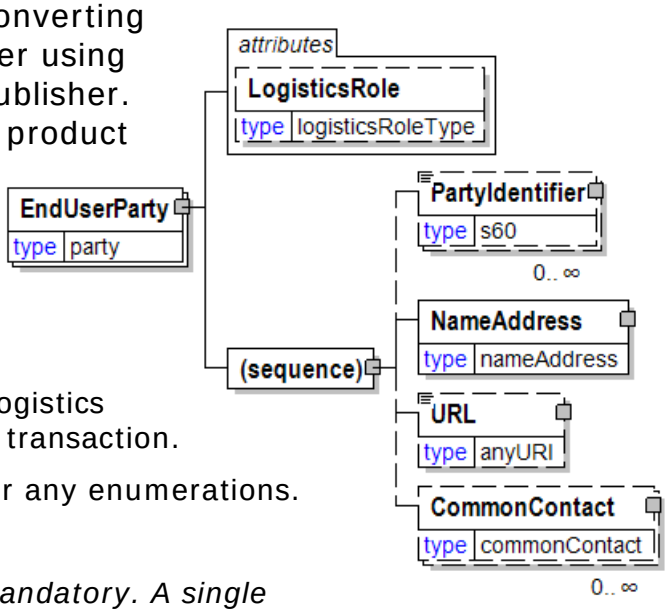
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

EndUserParty

The party using, consuming, or converting the product. For example, a printer using paper reels for a print job for a publisher. The final ShipTo destination for a product is normally to the end user's facilities.



LogisticsRole [attribute]

LogisticsRole is optional. A single instance might exist.

Communicates the nature of the logistics role, if any, the party plays in the transaction.

Refer to LogisticsRole definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PartyIdentifier

PartyIdentifier is optional. Multiple instances might exist.

A unique identifier of a specific party. This element contains an attribute PartyIdentifierType that indicates the type of party.

NameAddress

NameAddress is mandatory. A single instance is required.

A group item containing name and address of an organisation or business entity.

URL

URL is optional. A single instance might exist.

Universal Resource Locator. While typically a web address you could use this field to hold an email address.

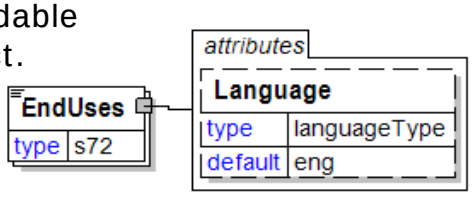
CommonContact

CommonContact is optional. Multiple instances might exist.

Identifies a specific individual associated with the party.

EndUses

A text element used to express in human readable form a list of applicable end uses for a product. Examples of end uses are:



Magazine

Book

Commercial print

etc

Language [attribute]

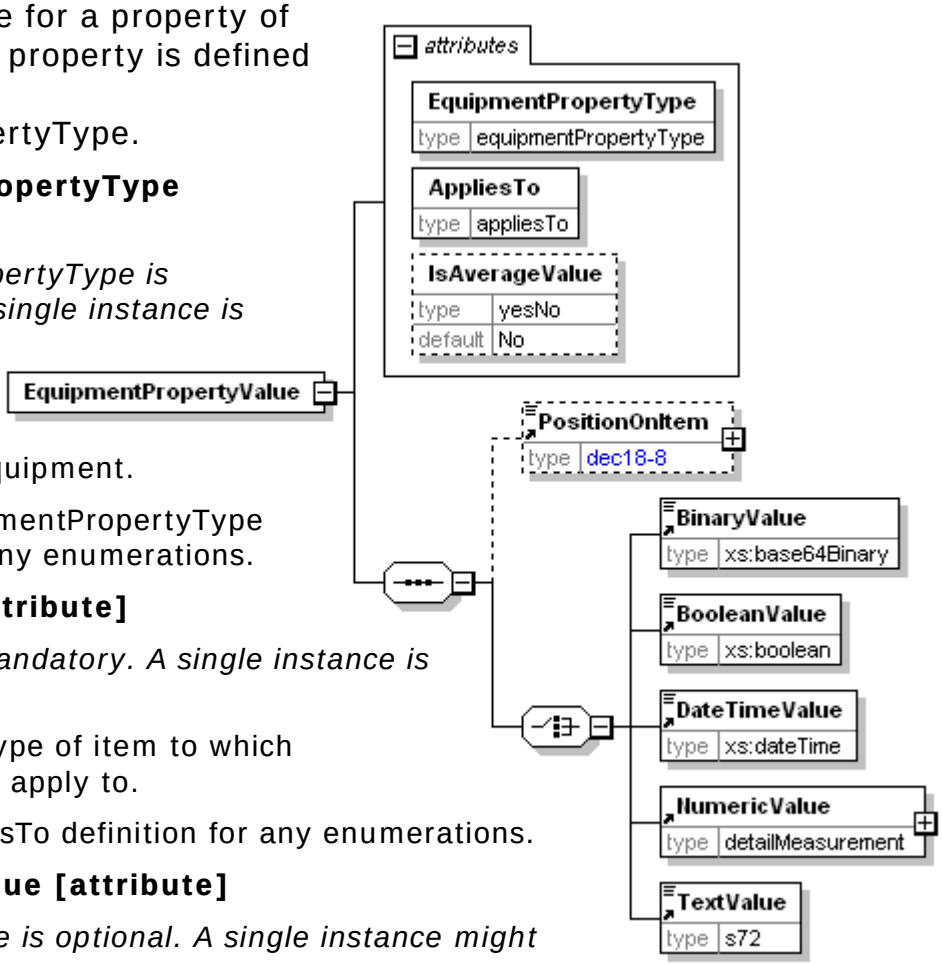
Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

EquipmentPropertyValue

Specifies a value for a property of equipment. The property is defined by the attribute EquipmentPropertyType.



EquipmentPropertyType [attribute]

EquipmentPropertyType is mandatory. A single instance is required.

Defines the type of property for equipment.

Refer to EquipmentPropertyType definition for any enumerations.

AppliesTo [attribute]

AppliesTo is mandatory. A single instance is required.

Specifies the type of item to which measurements apply to.

Refer to AppliesTo definition for any enumerations.

IsAverageValue [attribute]

IsAverageValue is optional. A single instance might exist.

Indicates if the value is an average value or not.

Refer to IsAverageValue definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PositionOnItem

PositionOnItem is optional. A single instance might exist.

Specifies a position on an item. The attribute PositionMeasuredFrom defines the reference point for the position

(choice)

Choice is mandatory. A single instance is required.

BinaryValue

BinaryValue is optional because of choice construct.

A value in base-64-encoded binary format.

BooleanValue

BooleanValue is optional because of choice construct.

A value in boolean format.

DateTimeValue

DateTimeValue is optional because of choice construct.

A Date and Time value in the standard W3C xs:dateTime format.

NumericValue

NumericValue is optional because of choice construct.

A grouping element for a numeric value and its statistical measures.

TextValue

TextValue is optional because of choice construct.

A value in text format.

EquipmentPropertyType [attribute]

Defines the type of property for equipment.



This item is restricted to the following list.

Capacity

The capacity, e.g. available volume in a tank.

Height

The height.

Length

The length.

Weight

The weight.

Width

The width.

NumberOfLoadingPositionsInHeight

Number of loading positions in height for the load carrying equipment.

NumberOfLoadingPositionsInLength

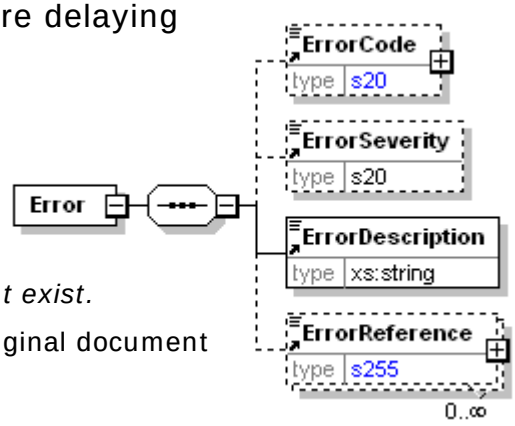
Number of loading positions in length for the load carrying equipment.

NumberOfLoadingPositionsInWidth

Number of loading positions in width for the load carrying equipment

Error

A group item that details the errors that are delaying processing on an original document.



(sequence)

The sequence of items below is mandatory. A single instance is required.

ErrorCode

ErrorCode is optional. A single instance might exist.

An optional code used to describe why an original document could not be processed

ErrorSeverity

ErrorSeverity is optional. A single instance might exist.

An optional indicator as to whether an error is business content related or whether it is technical in nature. Use of this item is governed by a Trading Partner agreement.

ErrorDescription

ErrorDescription is mandatory. A single instance is required.

A textural description of why an original document could not be processed

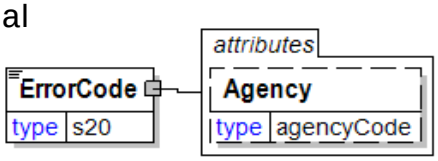
ErrorReference

ErrorReference is optional. Multiple instances might exist.

An item detailing relevant references (such as a PurchaseOrder Line Item) pertaining to the error. The type of reference is identified by the ErrorReferenceType attribute.

ErrorCode

An optional code used to describe why an original document could not be processed



Agency [attribute]

Agency is optional. A single instance might exist.

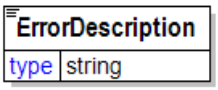
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

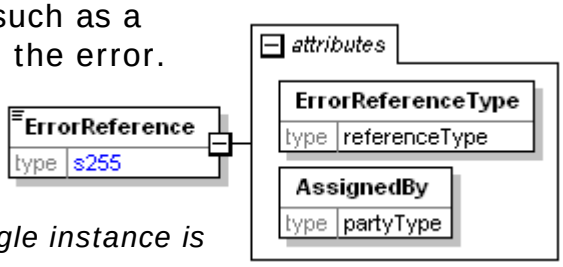
ErrorDescription

A textural description of why an original document could not be processed



ErrorReference

An item detailing relevant references (such as a PurchaseOrder Line Item) pertaining to the error. The type of reference is identified by the ErrorReferenceType attribute.



ErrorReferenceType [attribute]

ErrorReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier.

Refer to ErrorReferenceType for any enumerations.

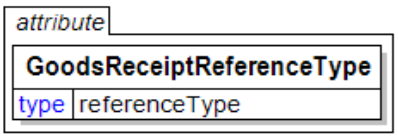
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

ErrorReferenceType [attribute]

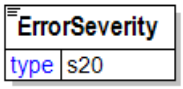


Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

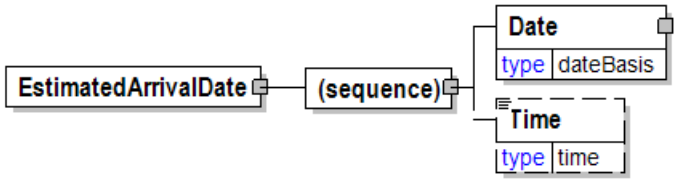
ErrorSeverity

An optional indicator as to whether an error is business content related or whether it is technical in nature. Use of this item is governed by a Trading Partner agreement.



EstimatedArrivalDate

An estimation of the arrival date.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

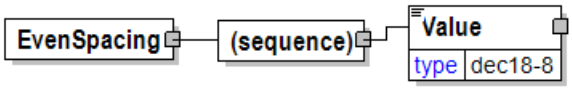
Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

EvenSpacing

The EvenSpacing element is used to communicate the hole-spacing that is equivalent between the holes. The initial spacing between the paper edge and the first hole is handled using the DistanceFromEdge element.



(sequence)

The sequence of items below is mandatory. A single instance is required.

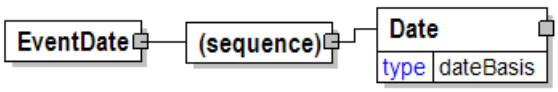
Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

EventDate

The date the incident or delay on press was recorded.



(sequence)

The sequence of items below is mandatory. A single instance is required.

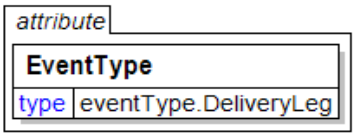
Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

EventType [attribute]

The type of transportation event that the DeliveryLeg represents.



This item is restricted to the following list.

Historical

A historical transport.

Current

A current transport.

Future

A future transport.

OnHold

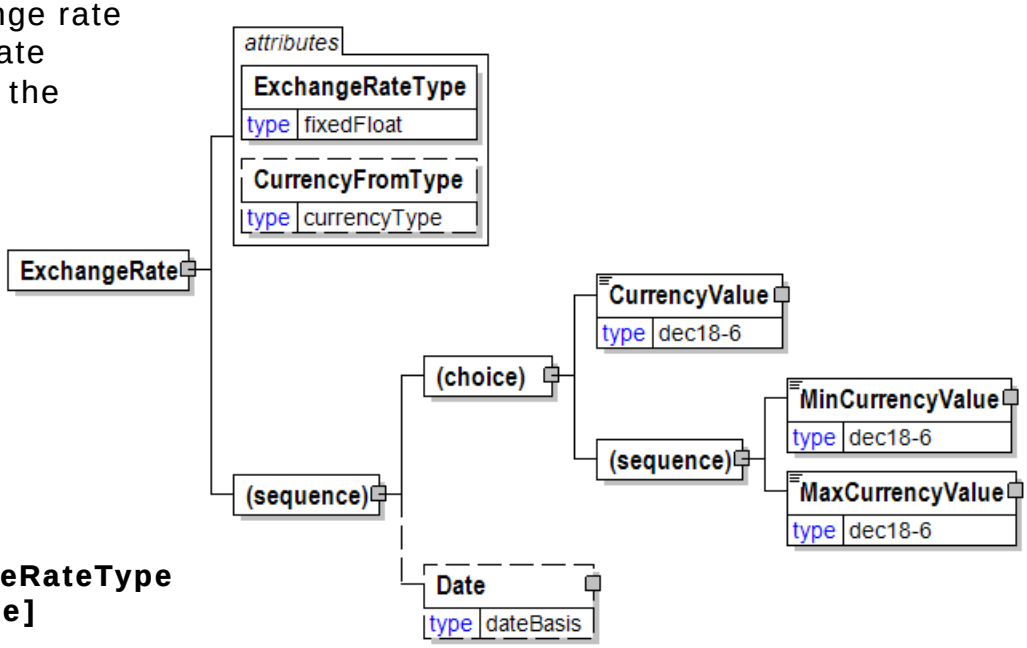
Delivery of the goods are temporary not possible. Delivery schedule will be given later by other party.

Return

To be removed in a future version. Use instead attribute TransportContextType for Return transports.

ExchangeRate

The exchange rate as of the date included in the element.



ExchangeRateType [attribute]

ExchangeRateType is mandatory. A single instance is required.

Defines the nature of the exchange rate

Refer to ExchangeRateType definition for any enumerations.

CurrencyFromType [attribute]

CurrencyFromType is optional. A single instance might exist.

The from currency in an exchange.

Refer to CurrencyFromType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

(choice)

[choice] is optional because of choice construct.

CurrencyValue

CurrencyValue is optional because of choice construct.

The amount in the referenced currency as defined by the CurrencyType attribute.

(sequence)

The sequence of items below is mandatory. A single instance is required.

MinCurrencyValue

MinCurrencyValue is mandatory. A single instance is required.

The lower range of the allowed currency amount.

MaxCurrencyValue

MaxCurrencyValue is mandatory. A single instance is required.

The upper range of the allowed currency amount..

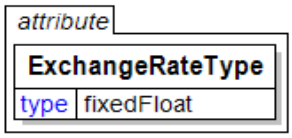
Date

Date is optional. A single instance might exist.

A group element that contains the specification of Year, Month, and Day.

ExchangeRateType [attribute]

Defines the nature of the exchange rate



This item is restricted to the following list.

Fixed

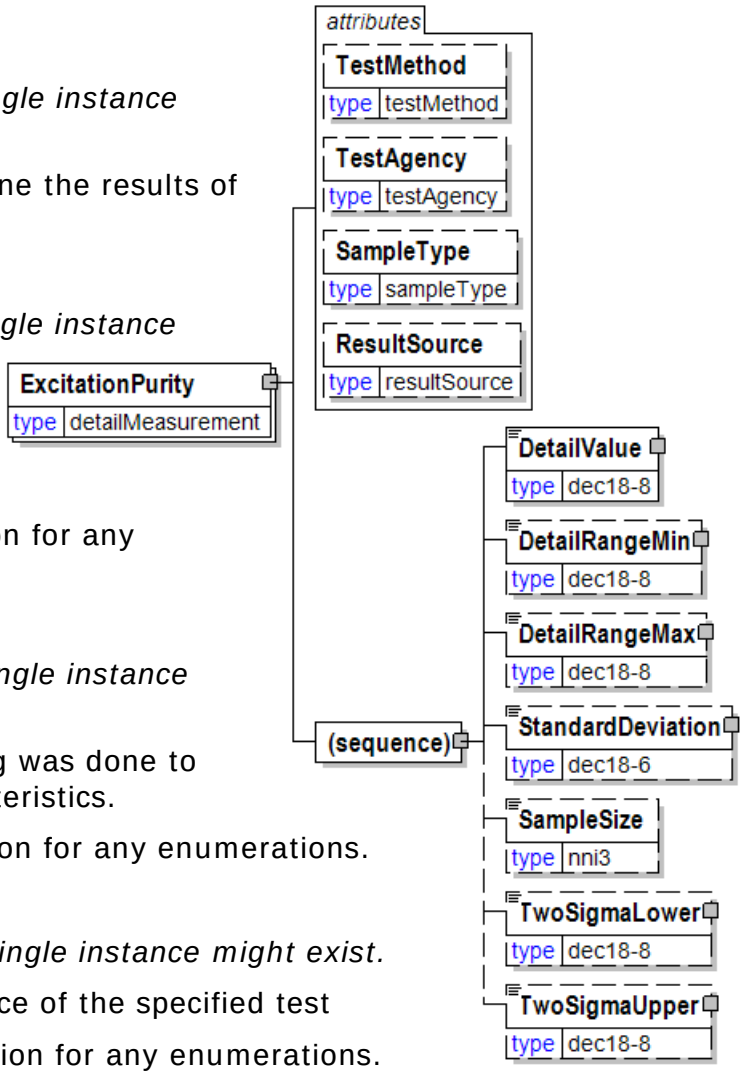
A fixed exchange rate

Float

an exchange rate that floats and is locked in at a particular point in time.

ExcitationPurity

Excitation purity



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

ExecutionType [attribute]

Communicates the type of content of a DeliveryInstruction e-Document.

This item is restricted to the following list.

Fixed

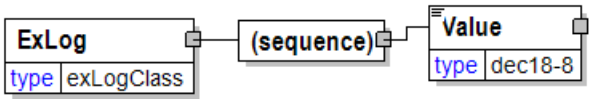
Detailed specification of the delivery is given.

Open

Detailed specification of the delivery is not given. Quantities and delivery schedules will be specified by other means depending on the business process.

ExLog

Describes the cutting pattern of the log.



(sequence)

The sequence of items below is mandatory. A single instance is required.

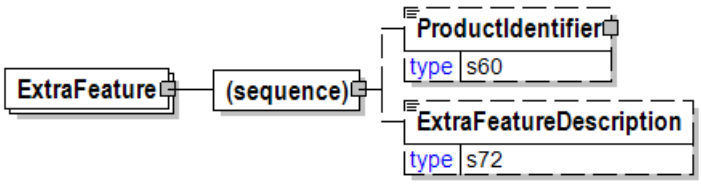
Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

ExtraFeature

A special or extra feature that the label has or needs.



(sequence)

The sequence of items below is mandatory. A single instance is required.

ProductIdentifier

ProductIdentifier is optional. A single instance might exist.

Used to communicate the code of the article, in a variety of formats designated by the type.

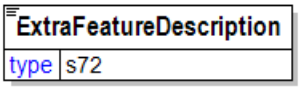
ExtraFeatureDescription

ExtraFeatureDescription is optional. A single instance might exist.

The definition of the extra feature.

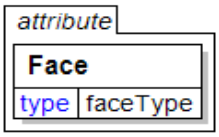
ExtraFeatureDescription

The definition of the extra feature.



Face [attribute]

Used to describe which side (or face) of the product that the grade is applicable to.



This item is restricted to the following list.

Face1

The grade is applicable to the top side of the product.

Face2

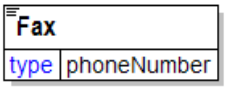
The grade is applicable to the bottom side of the product.

Both

The grade is applicable to both the top and the bottom side of the product.

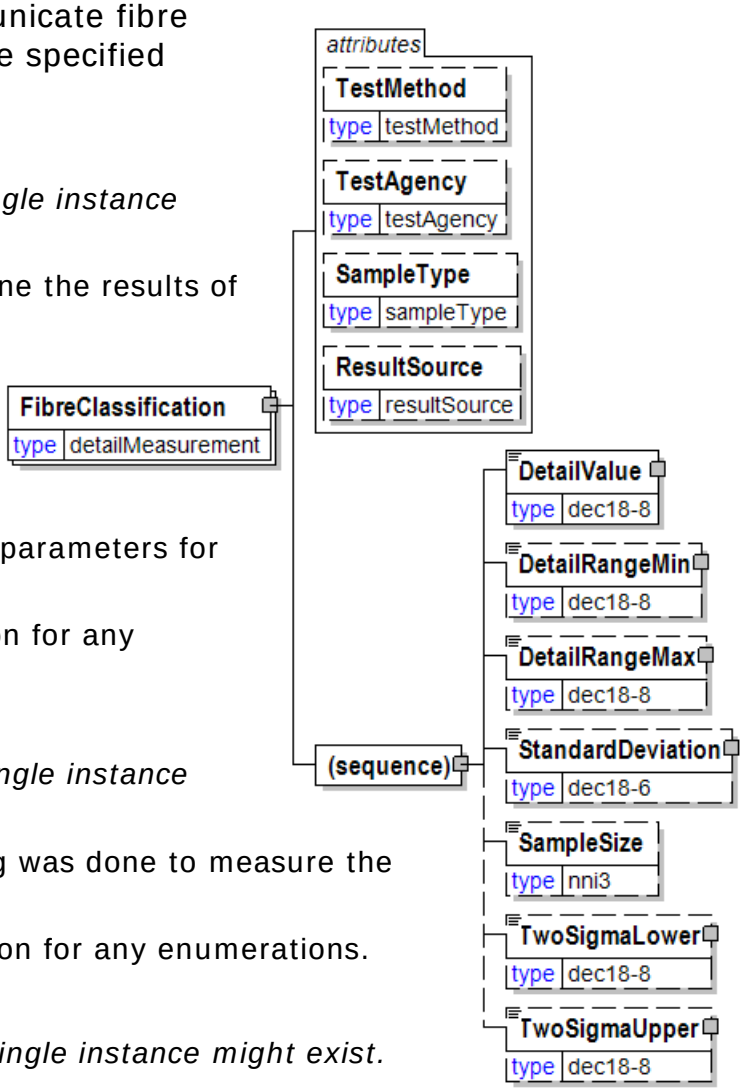
Fax

The primary business fax number of the individual associated with the ContactName.



FibreClassification

A group item used to communicate fibre classification according to the specified classification scheme.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

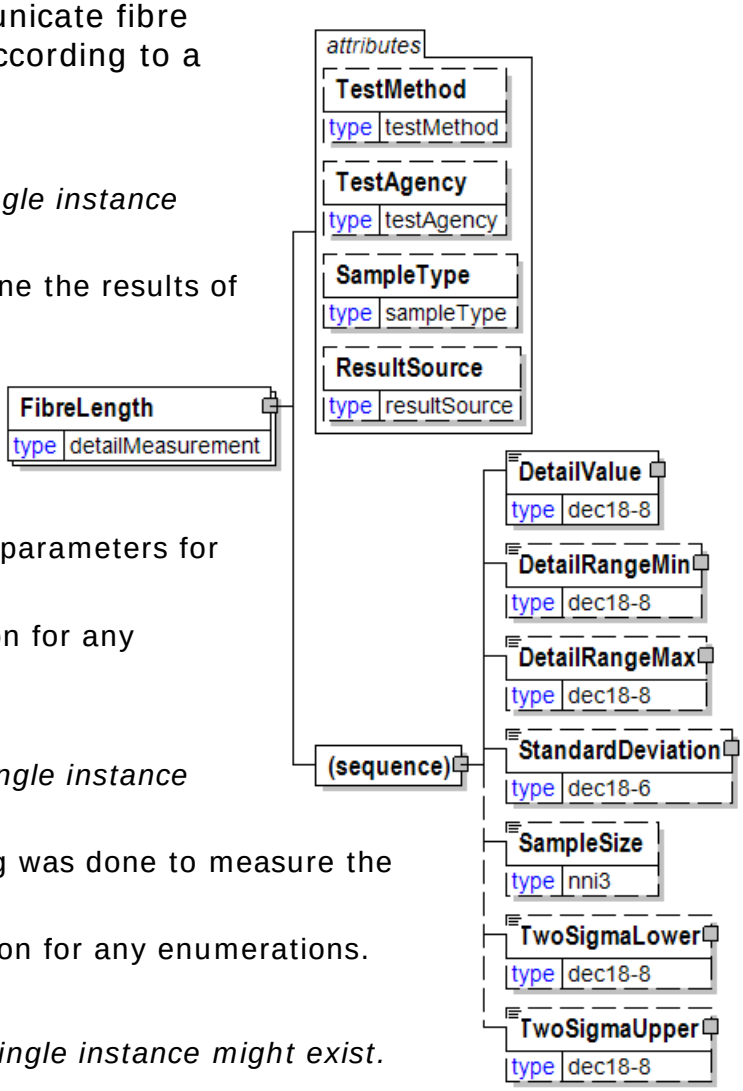
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

FibreLength

A group item used to communicate fibre length target or test value according to a particular TestMethod.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

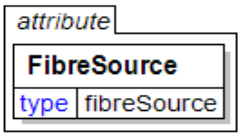
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

FibreSource [attribute]

Communicates the source of the pulp fibre



This item is restricted to the following list.

Acacia

Ash

Aspen

Bagasse

Bamboo

Basswood

Beech

Birch

Blackgum

Buckeye

Butternut

Cedar

Cherry

Cottonwood

Cypress

DouglasFir

Elm

Esparto

Eucalyptus

Fir

Flax

Hemlock

Hemp

Hickory

Jute

Larch

Locust

Magnolia

Manilkara

Maple

MixedTropicalHardwood

NorthernMixedHardwood

Paulonia

Persea

Pine

Poplar

Radiata

Rag

RedOak

Redwood

Rope

SouthernMixedHardwood

SouthernSoftwood

Spruce

Sycamore

Straw

Tanoak

Walnut

WhiteOak

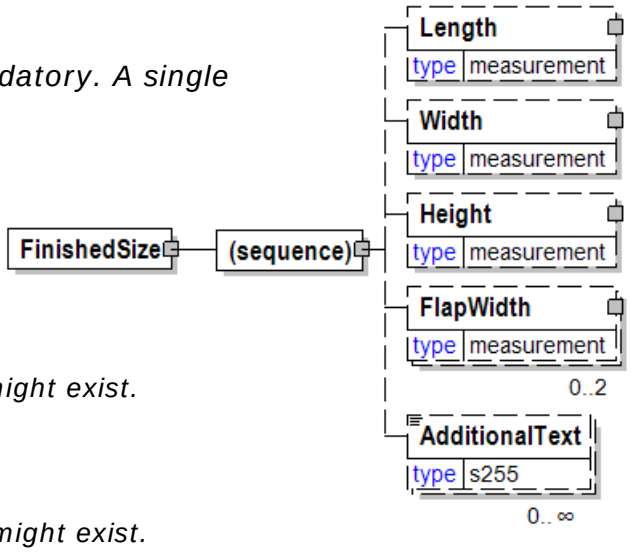
Other

FinishedSize

Finished size

(sequence)

The sequence of items below is mandatory. A single instance is required.



Length

Length is optional. A single instance might exist.

The length of the object.

Width

Width is optional. A single instance might exist.

The width of the object.

Height

Height is optional. A single instance might exist.

The height of the object.

FlapWidth

FlapWidth is optional.

The width of a flap.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

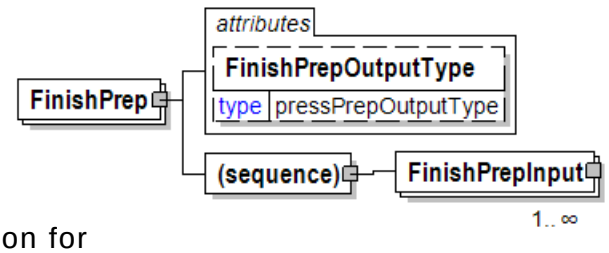
A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

FinishPrep

Finish prep

FinishPrepOutputType [attribute]

FinishPrepOutputType is optional. A single instance might exist.



Finish Prep Output Type

Refer to FinishPrepOutputType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

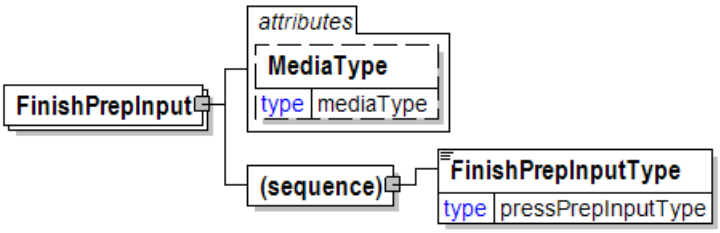
FinishPrepInput

FinishPrepInput is mandatory. One instance is required, multiple instances might exist.

Finish prep input

FinishPrepInput

Finish prep input



MediaType [attribute]

MediaType is optional. A single instance might exist.

The type of media

Refer to MediaType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

FinishPrepInputType

FinishPrepInputType is mandatory. A single instance is required.

Finish Prep Input Type

Refer to FinishPrepInputType definition for any enumerations.

FinishPrepInputType

Finish Prep Input Type



This item is restricted to the following list.

4PageImposedFilm

8PageImposedFilm

ApplicationFiles

Bookmap

CameraCopy

CopyBook

DuplicateStrip

ElectronicFiles

ElectronicGraphic

Film

FilmPageNegatives

FilmPagePositives

IlustrationFilm

NegativeImposedPlateMakingFilm

Originals

OriginalArt

Other

Overtakes

PageProof

PDF

PositiveImposedPlateMakingFilm

RachwalFilm

ReflectiveArtBoard

ReproProof

RestripSuppliedFlats

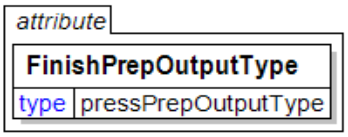
TearSheet

Transparencies

FinishPrepOutputType [attribute]

Finish Prep Output Type

This item is restricted to the following list.



DirectToFilm

DirectToPlate

DirectToPress

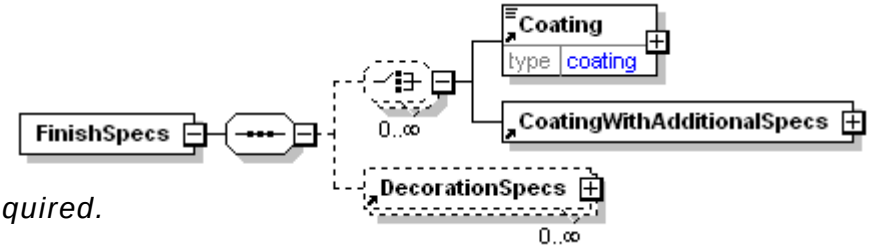
Film

FinishSpecs

Finish specifications

(sequence)

The sequence of items below is mandatory. A single instance is required.



(choice)

The (choice) is optional. Multiple instances might exist.

Coating

Coating is optional because of the choice construct.

Coating

Refer to Coating definition for any enumerations.

CoatingWithAdditionalSpecs

CoatingWithAdditionalSpecs is optional because of the choice construct.

A grouping element that specifies coating and additional related items.

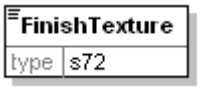
DecorationSpecs

DecorationSpecs is optional. Multiple instances might exist.

Decoration specifications

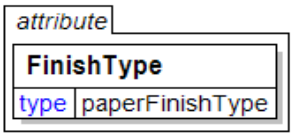
FinishTexture

Describes the texture of the finish to be achieved such as Leatherette.



FinishType [attribute]

Defines the finish of a sheet of paper, which means the condition of its surface (refer to Embossing for more information).



Finishes may be produced on or off machine. Finishes that are created off-machine are called embossed. (Embossing is a child element of ReelConversionCharacteristics and SheetConversionCharacteristics.)

Note:

Embossed" as a finish type is just a generalized choice for one of the more specific choices listed.

Unsupercalendered" as a finish type would be indicated by not communicating a finish type.

This item is restricted to the following list.

Bond

Grade of writing or printing paper where strength, durability, and permanence are essential requirements.

Clear

Finish process results in a clear coating.

CustomTint

Requires the manufacturer to add a color to the coating process in order to create a custom colored coating.

Dull

A paper surface finish lacking gloss and/or lustre; generally refers to an intermediate gloss of coated papers or to printed ink films.

English

A surface finish for book papers with a smoother, more uniform surface than machine finish.

Gloss

A paper surface finish that is highly reflective.

GlowInTheDark

Additive to Ultraviolet application to achieve a Glow-in-the-Dark effect

Hazy

Finish process results in a hazy coating.

HighGloss

Sheen on dry finish that is full gloss.

Laid

A paper surface finish that has a watermark pattern resulting in parallel lines in both the machine and cross machine directions of the web of paper.

Linen

An embossed finish to simulate the pattern originally obtained by pressing paper between sheets of linen cloths.

Machine

A paper surface that has no special finish—in other words, the paper is as it comes off the machine.

Matte

A non-glossy paper surface finish found on an uncoated sheet of paper or attained by coating without super calendering; this is the least glossy paper surface available.

Metalized

Finish process uses a custom metallic coating.

Satin

Paper surfaces finish lacking gloss, generally intermediate to a matte finish and a dull finish.

SCA

A super-calendered (SC) Grade A finish is the highest level of print gloss and smoothness of the super-calendered types.

SCB

A super-calendered (SC) Grade B finish with a mid level of print gloss and smoothness of the super-calendered types.

SCC

A super-calendered (SC) Grade C finish is the lowest level of print gloss and smoothness of the super-calendered types.

ScuffResistant

Wear-resistant finish to prevent scratching and marring.

Silk

A smooth, delicately embossed finished paper with sheen. Also called Satin.

Silver

Finish process uses a silver-color metallic coating.

Smooth

A paper surface finish mostly free of roughness.

SoftGloss

A paper surface finish similar to a matte but with a higher printed gloss; smoother than a matte finish.

Sparkle

Additive to Ultraviolet application to achieve a sparkle effect.

TransparentBlue

Finish process adds the color blue to the clear coating material.

Vellum

A full toothy, relatively rough finish surface for uncoated text or book papers; generally intermediate in smoothness to an antique (very rough) finish and a regular or smooth finish.

Velvet

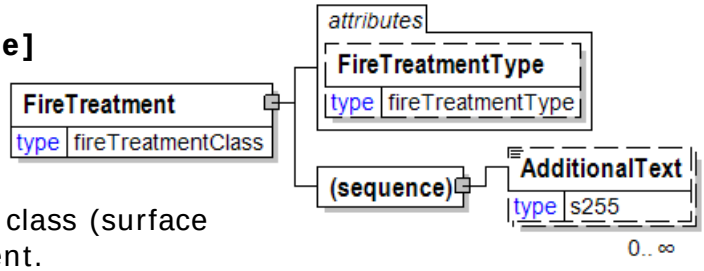
A smooth, delicately embossed finished paper with sheen. Similar to silk.

FireTreatment

Fire treatment

FireTreatmentType [attribute]

FireTreatmentType is optional. A single instance might exist.



Fire treatment type. Define the class (surface spread of flame) of fire treatment.

Refer to FireTreatmentType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

AdditionalText

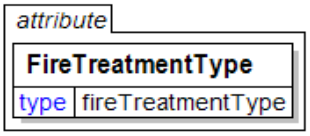
AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

FireTreatmentType [attribute]

Fire treatment type. Define the class (surface spread of flame) of fire treatment.

This item is restricted to the following list.



FireTreated

Other

FlapLocation [attribute]

Flap location



This item is restricted to the following list.

Back

Flap is located at the back

Front

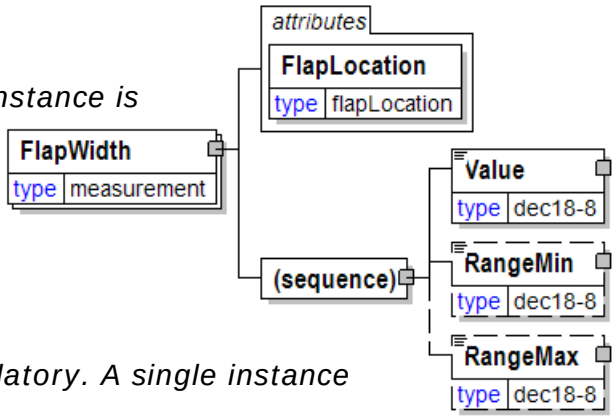
Flap is located at the front

FrontAndBack

Flap is located at the back and at the front

FlapWidth

The width of a flap.



FlapLocation [attribute]

FlapLocation is mandatory. A single instance is required.

Flap location

Refer to FlapLocation definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

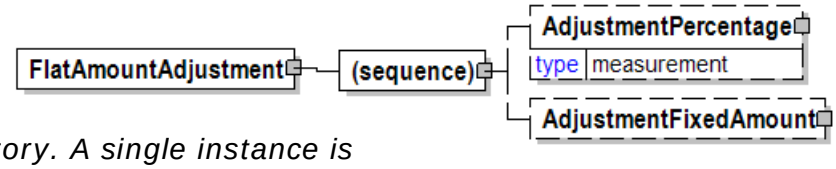
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

FlatAmountAdjustment

A group item that contains flat adjustment amount information.



(sequence)

The sequence of items below is mandatory. A single instance is required.

AdjustmentPercentage

AdjustmentPercentage is optional. A single instance might exist.

A percentage, either negative or positive, that is applied to either the price, or a starting amount to determine the value of the particular MonetaryAdjustment.

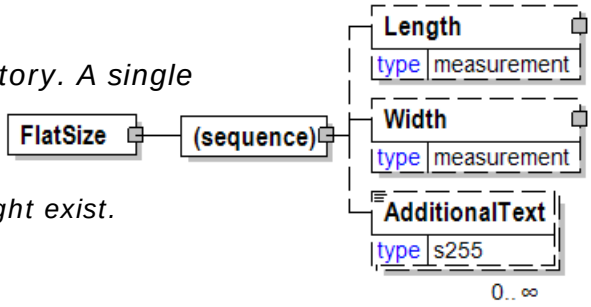
AdjustmentFixedAmount

AdjustmentFixedAmount is optional. A single instance might exist.

A fixed monetary amount, either negative or positive, that is the value of the adjustment being applied in an instance of the MonetaryAdjustment structure.

FlatSize

Flat size



(sequence)

The sequence of items below is mandatory. A single instance is required.

Length

Length is optional. A single instance might exist.

The length of the object.

Width

Width is optional. A single instance might exist.

The width of the object.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

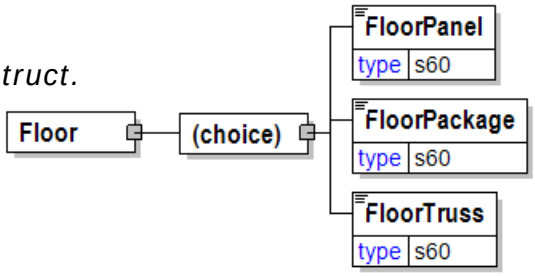
A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

Floor

Defines parts and complete flooring systems.

(choice)

[choice] is optional because of choice construct.



FloorPanel

FloorPanel is optional because of choice construct.

Describes the flooring surface.

FloorPackage

FloorPackage is optional because of choice construct.

Describes the combination of flooring surface and supporting structures.

FloorTruss

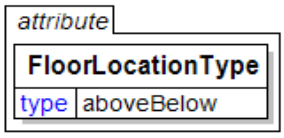
FloorTruss is optional because of choice construct.

Describes the supporting material under flooring surface.

FloorLocationType [attribute]

Floor Location Type

This item is restricted to the following list.



Above

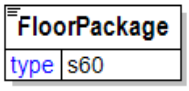
The floor is located above the product

Below

The floor is located below the product

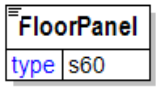
FloorPackage

Describes the combination of flooring surface and supporting structures.



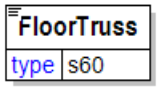
FloorPanel

Describes the flooring surface.



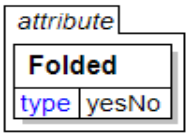
FloorTruss

Describes the supporting material under flooring surface.



Folded [attribute]

Either "Yes" or "No".



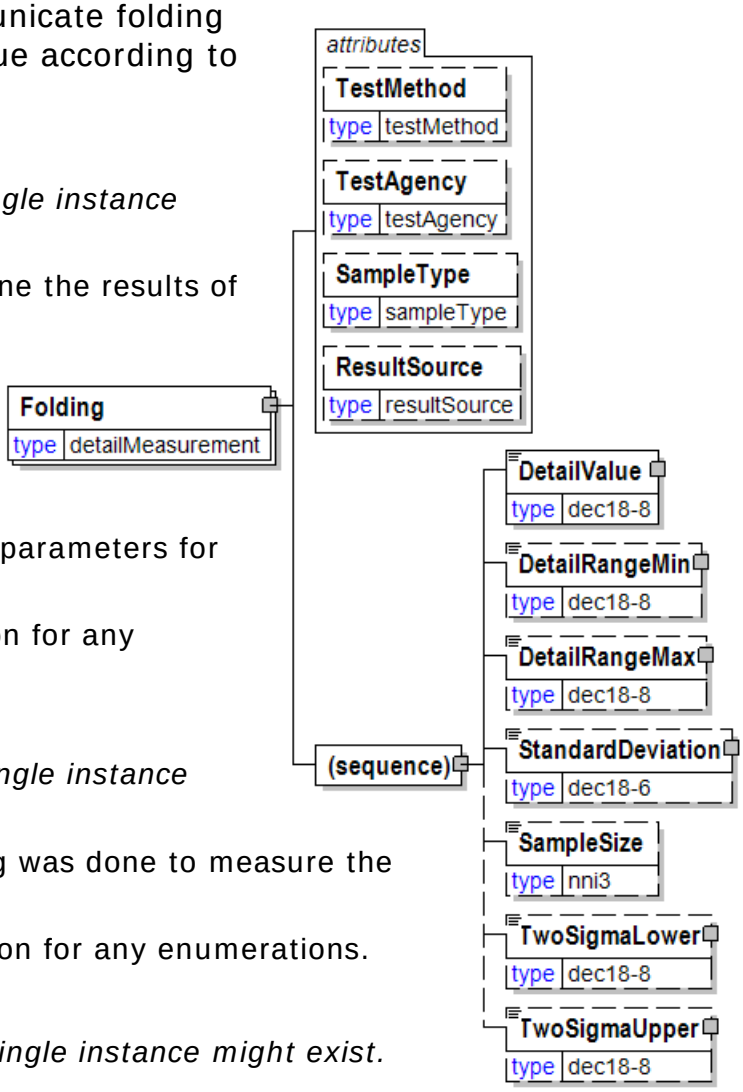
This item is restricted to the following list.

Yes

No

Folding

A group item used to communicate folding endurance target or test value according to a particular TestMethod.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

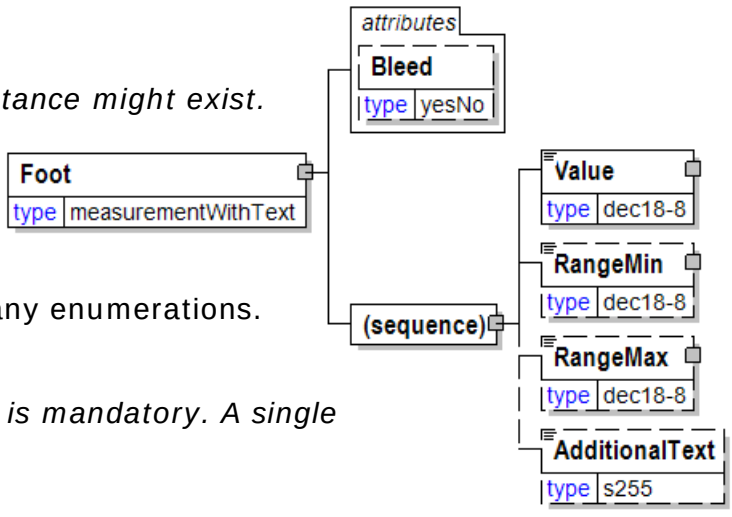
Foot

Foot

Bleed [attribute]

Bleed is optional. A single instance might exist.

Specifies if the printing of an illustration, design, or text to the edge of the page.



Refer to Bleed definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

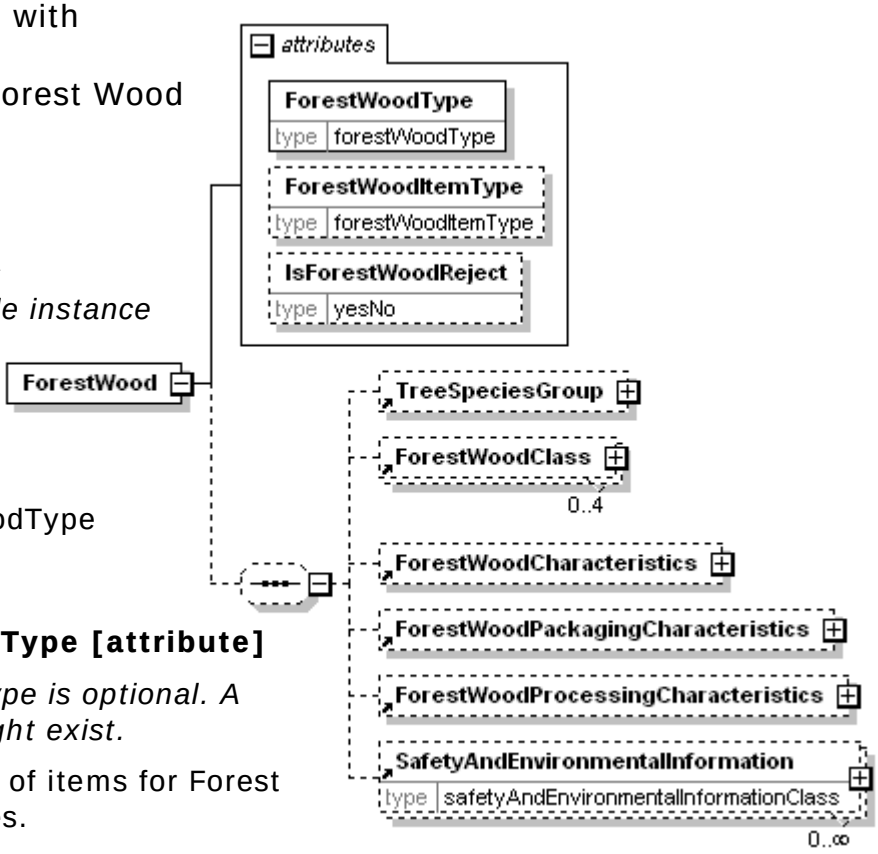
AdditionalText

AdditionalText is optional. A single instance might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

ForestWood

A grouping element with information about characteristics for Forest Wood products.



ForestWoodType [attribute]

ForestWoodType is mandatory. A single instance is required.

Defines the type of product for Forest Wood.

Refer to ForestWoodType definition for any enumerations.

ForestWoodItemType [attribute]

ForestWoodItemType is optional. A single instance might exist.

Defines detail type of items for Forest Wood product types.

Refer to ForestWoodItemType definition for any enumerations.

IsForestWoodReject [attribute]

IsForestWoodReject is optional. A single instance might exist.

Defines the type of product for Forest Wood.

Refer to IsForestWoodReject definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

TreeSpeciesGroup

TreeSpeciesGroup is optional. A single instance might exist.

A grouping element that details information used for describing tree species.

ForestWoodClass

ForestWoodClass is optional. Four instances might exist.

A grouping element that details information used for describing classes of Forest Wood based on some product properties.

ForestWoodCharacteristics

ForestWoodCharacteristics is optional. A single instance might exist.

A grouping element that contains characteristics of the Forest Wood product.

ForestWoodPackagingCharacteristics

ForestWoodPackagingCharacteristics is optional. A single instance might exist.

A grouping element that contains information about packaging of the Forest Wood product.

ForestWoodProcessingCharacteristics

ForestWoodProcessingCharacteristics is optional. A single instance might exist.

A grouping element that contains information about processing of the Forest Wood product.

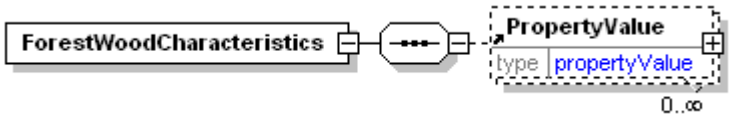
SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency).

ForestWoodCharacteristics

A grouping element that contains characteristics of the Forest Wood product.



(sequence)

The sequence of items below is mandatory. A single instance is required.

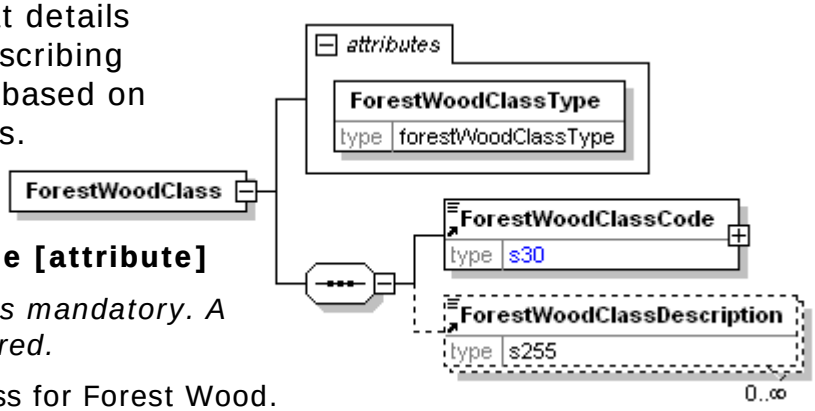
PropertyValue

PropertyValue is optional. Multiple instances might exist.

Specifies a value for a property of an item. The property is defined by the attribute PropertyType. The attribute MeasuringMethod and MeasuringAgency can be used to clarify details for a how a property is measured or calculated, e.g. Diameter for a saw log can be measured “Under Bark” or “Over Bark”. The attribute MeasuringMethodType defines how the value is created, e.g. measured automatically, calculated etc. The attribute IsAverageValue indicates if the value is an average value or not.

ForestWoodClass

A grouping element that details information used for describing classes of Forest Wood based on some product properties.



ForestWoodClassType [attribute]

ForestWoodClassType is mandatory. A single instance is required.

Defines the type of class for Forest Wood.

Refer to ForestWoodClassType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ForestWoodClassCode

ForestWoodClassCode is mandatory. A single instance is required.

A code defining the class of Forest Wood.

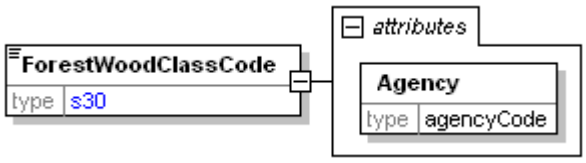
ForestWoodClassDescription

ForestWoodClassDescription is optional. Multiple instances might exist.

A text description of the class for Forest Wood.

ForestWoodClassCode

A code defining the class of Forest Wood.



Agency [attribute]

Agency is mandatory. A single instance is required.

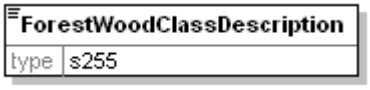
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

ForestWoodClassDescription

A text description of the class for Forest Wood.



ForestWoodClassType [attribute]

Defines the type of class for Forest Wood.



This item is restricted to the following list.

DiameterClass

The class is based on the diameter of items.

LengthClass

The class is based on the length of items.

QualityClass

The class is based on the quality of items.

UsageClass

The class of usage for a product. For example saw timber, pulp wood or bioenergy wood in Forest Wood Supply business.

ForestWoodItemType [attribute]

Defines detail type of items for Forest Wood product types.



This item is restricted to the following list.

LongLog

A cut portion of a stem that is classified as being long.

ShortLog

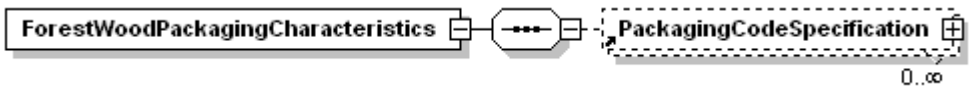
A cut portion of a stem that is classified as being short.

Stem

A felled tree crosscut at the top with all branches removed.

ForestWoodPackagingCharacteristics

A grouping element that



contains information about packaging of the Forest Wood product.

(sequence)

The sequence of items below is mandatory. A single instance is required.

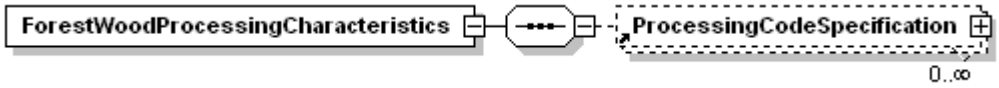
PackagingCodeSpecification

PackagingCodeSpecification is optional. Multiple instances might exist.

A grouping element specifying code and description for packaging details.

ForestWoodProcessingCharacteristics

A grouping element



that contains information about processing of the Forest Wood product.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ProcessingCodeSpecification

ProcessingCodeSpecification is optional. Multiple instances might exist.

A grouping element specifying code and description for processing details.

ForestWoodType [attribute]

Defines the type of product for Forest Wood..



This item is restricted to the following list.

Bark

Outer covering of the stem and branches of trees (tree bark). Bark from industrially processed logs or trees.

BioEnergyChips

Wood-based chips for bioenergy.

BioEnergySmallTree

Small-sized trees which have not been processed, usually used for energy purposes.

BoardWood

Boards and side cuts used for industrial processes or bioenergy.

Firewood

Firewood produced for heating.

ForestEnergy

Forest-based products for energy. It can be a mix of Bark, BioEnergyChips, BioEnergySmallTree, Firewood, LoggingResidue and Stump.

IndustrialChips

Chips coming as by-product from industrial manufacturing processes, usually used for pulp or paper making.

IndustrialReject

Wood rejects from manufacturing processes. It is used as raw material in other industrial processes or for bioenergy.

IndustrialResidues

Wood residuals from manufacturing processes used normally for bioenergy. It can be a mix of Bark, BoardWood, IndustrialChips, IndustrialReject and Sawdust.

LoggingResidue

Woody biomass residues which are created during timber harvesting. They include tree tops and branches. More information can be found in standard CEN/TS 14588:2003.

OtherWoodEnergy

Other wood based energy products.

Pellets

Pellets produced for heating.

RecycledWood

Recycled or waste wood, usually used for energy purposes.

Roundwood

Felled trees crosscut at the top, with all branches removed, that may or may not have been further crosscut.

Examples of Roundwood products are saw logs, pulpwood logs, tree length logs, stems, poles and other similar products that have been harvested in the forest but not processed industrially.

Sawdust

Sawdust from industrial manufacturing processes.

Stump

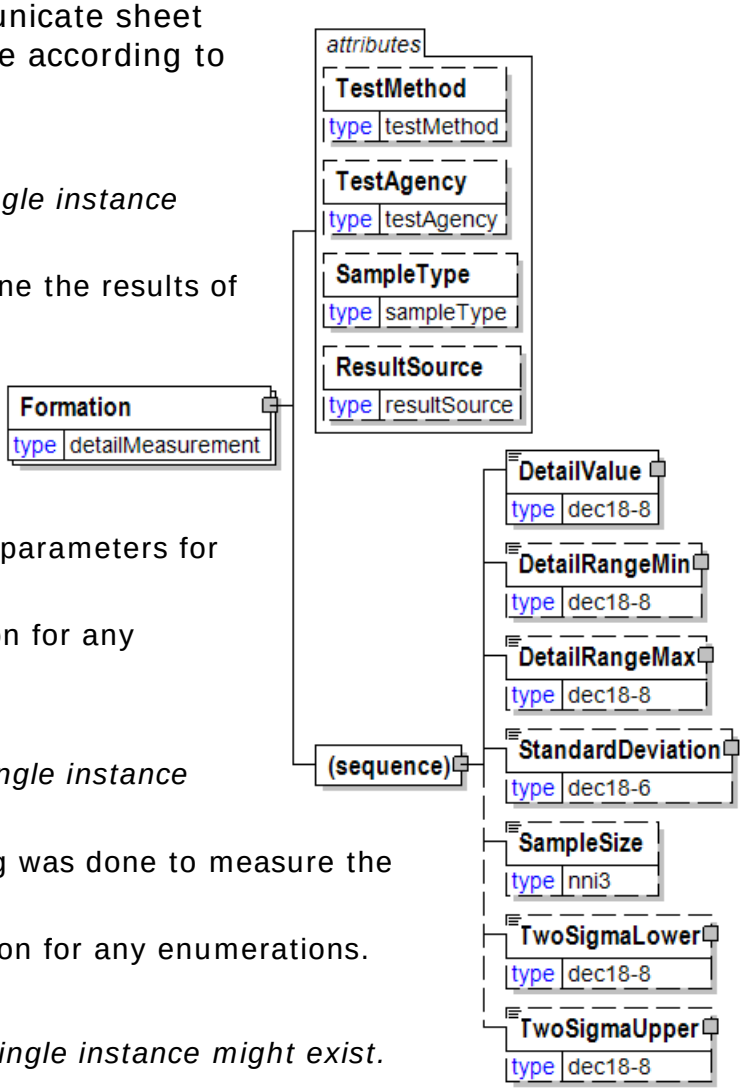
Portion of the tree that remains above and below ground after felling of the tree.

Tree

Tree that has not been delimbed and not cut into logs.

Formation

A group item used to communicate sheet formation target or test value according to a particular TestMethod.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

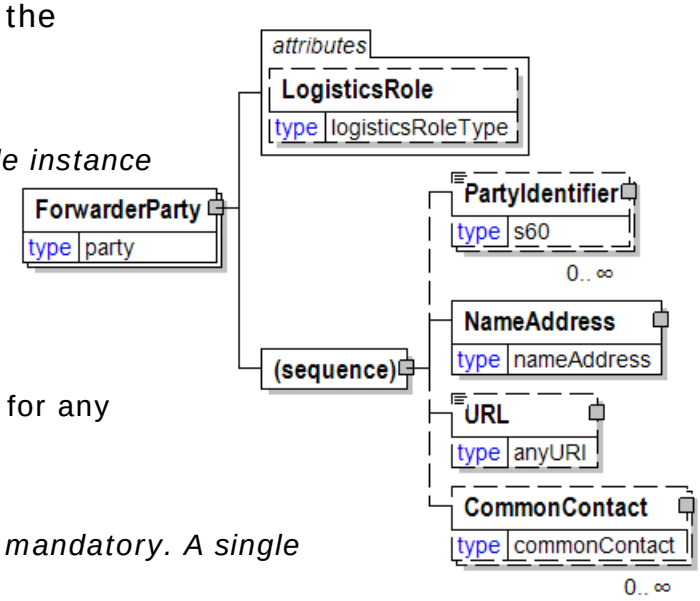
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

ForwarderParty

The trading partner involved in the forwarding of the shipment.



LogisticsRole [attribute]

LogisticsRole is optional. A single instance might exist.

Communicates the nature of the logistics role, if any, the party plays in the transaction.

Refer to LogisticsRole definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PartyIdentifier

PartyIdentifier is optional. Multiple instances might exist.

A unique identifier of a specific party. This element contains an attribute PartyIdentifierType that indicates the type of party.

NameAddress

NameAddress is mandatory. A single instance is required.

A group item containing name and address of an organisation or business entity.

URL

URL is optional. A single instance might exist.

Universal Resource Locator. While typically a web address you could use this field to hold an email address.

CommonContact

CommonContact is optional. Multiple instances might exist.

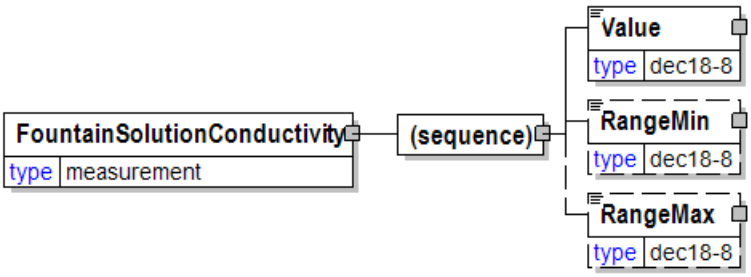
Identifies a specific individual associated with the party.

FountainSolutionConductivity

Electrical measure of fountain solution measured in micro – siemens.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

RangeMax

RangeMax is optional. A single instance might exist.

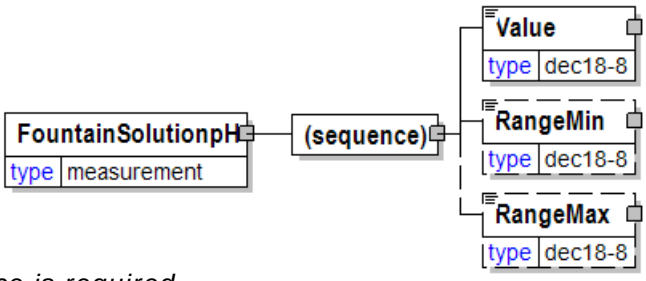
The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

FountainSolutionpH

Measurement of the acidic properties of the fountain solution.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

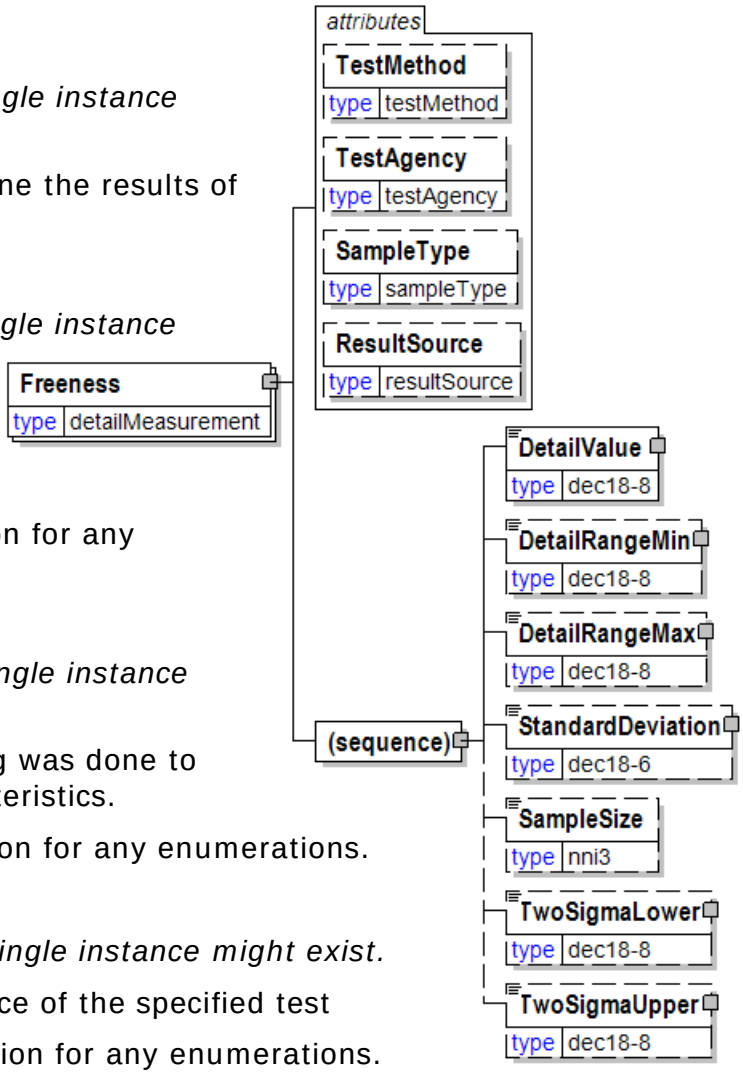
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

Freeness

Freeness



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

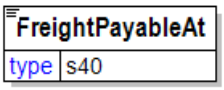
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

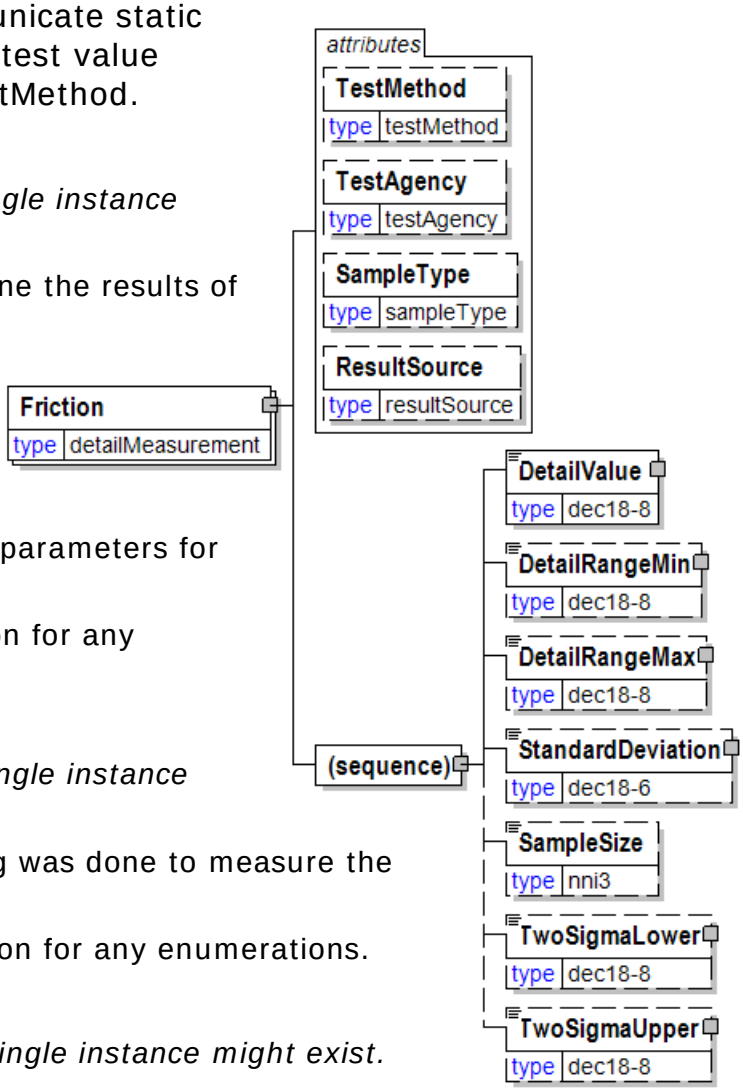
FreightPayableAt

The location at which freight charges are calculated.



Friction

A group item used to communicate static and kinetic friction target or test value according to a particular TestMethod.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

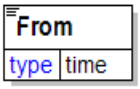
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

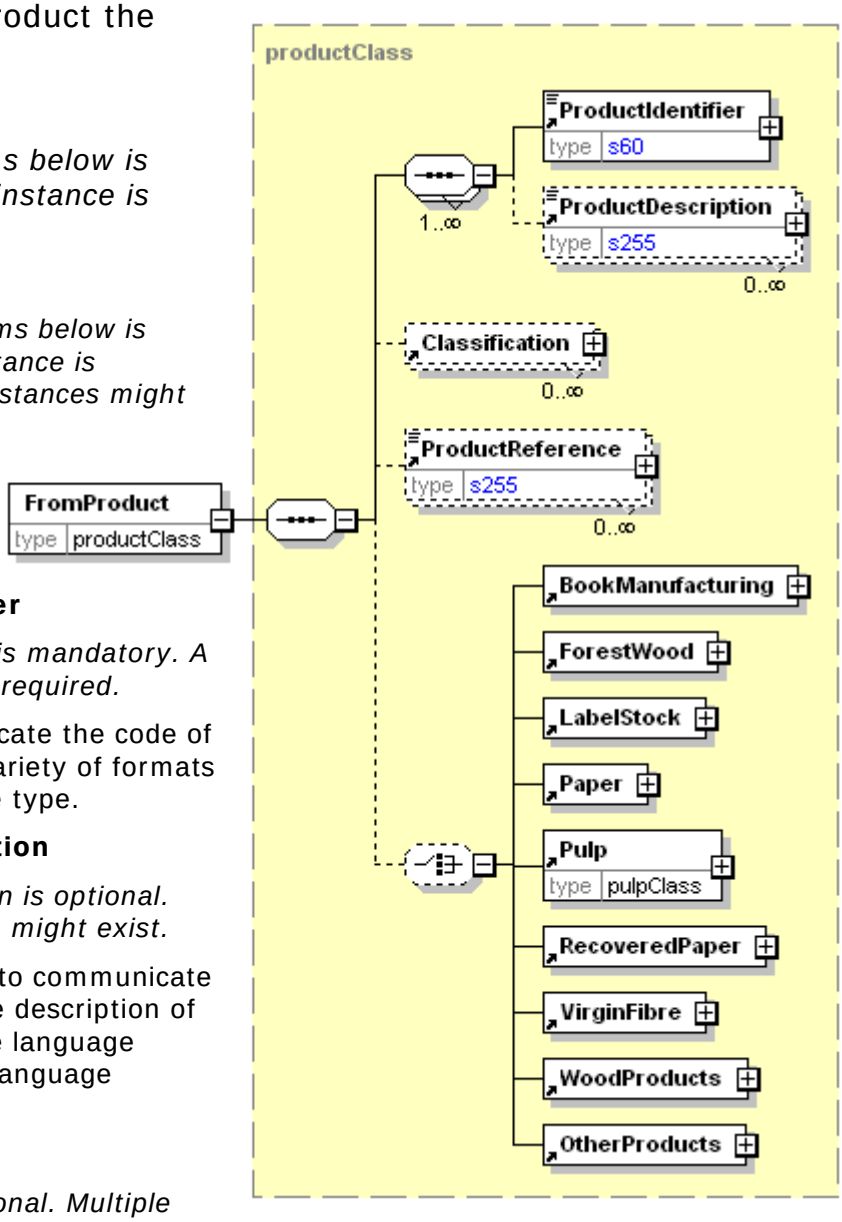
From

The beginning point of a timeperiod.



FromProduct

Defines from which product the item is downgraded.



(sequence)

The sequence of items below is mandatory. A single instance is required.

(sequence)

The sequence of items below is mandatory. One instance is required, multiple instances might exist.

ProductIdentifier

ProductIdentifier is mandatory. A single instance is required.

Used to communicate the code of the article, in a variety of formats designated by the type.

ProductDescription

ProductDescription is optional. Multiple instances might exist.

An element used to communicate a human readable description of the product in the language specified by the Language attribute.

Classification

Classification is optional. Multiple instances might exist.

A group item that details the product classification according to a particular organization's scheme. An item across multiple classifications would still be recognized as the same item. Examples of some product classifications are: Containerboard, Pulp-Dissolving, or Newsprint.

(choice)

[choice] is optional because of choice construct.

BookManufacturing

BookManufacturing is optional because of choice construct.

BookManufacturing is a group element that contains the elements that describe the book manufacturing process.

ForestWood

ForestWood is optional because of choice construct.

A grouping element with information about characteristics for Forest Wood products.

LabelStock

LabelStock is optional because of choice construct.

LabelStock contains the attributes and characteristics that define the label stock product.

Paper

Paper is optional because of choice construct.

A group item defining the characteristics of the paper product.

Pulp

Pulp is optional because of choice construct.

A group item defining the characteristics of pulp that are not dependent on a particular conversion process.

RecoveredPaper

RecoveredPaper is optional because of choice construct.

A group item defining the characteristics of recycled fibre that are not dependent on a particular conversion process.

VirginFibre

VirginFibre is optional because of choice construct.

Virgin Fibre

WoodProducts

WoodProducts is optional because of choice construct.

A grouping element for all wood products.

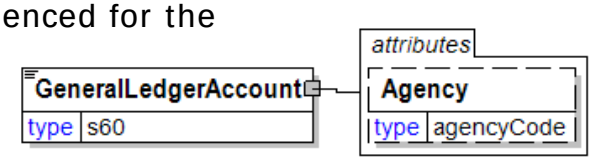
OtherProducts

OtherProducts is optional because of choice construct.

A group item defining the characteristics of other products.

GeneralLedgerAccount

The general ledger account to be referenced for the item.



Agency [attribute]

Agency is optional. A single instance might exist.

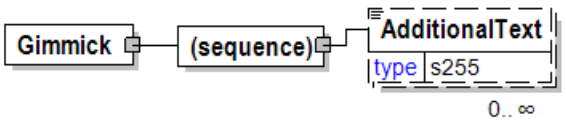
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

Gimmick

Gimmick



(sequence)

The sequence of items below is mandatory. A single instance is required.

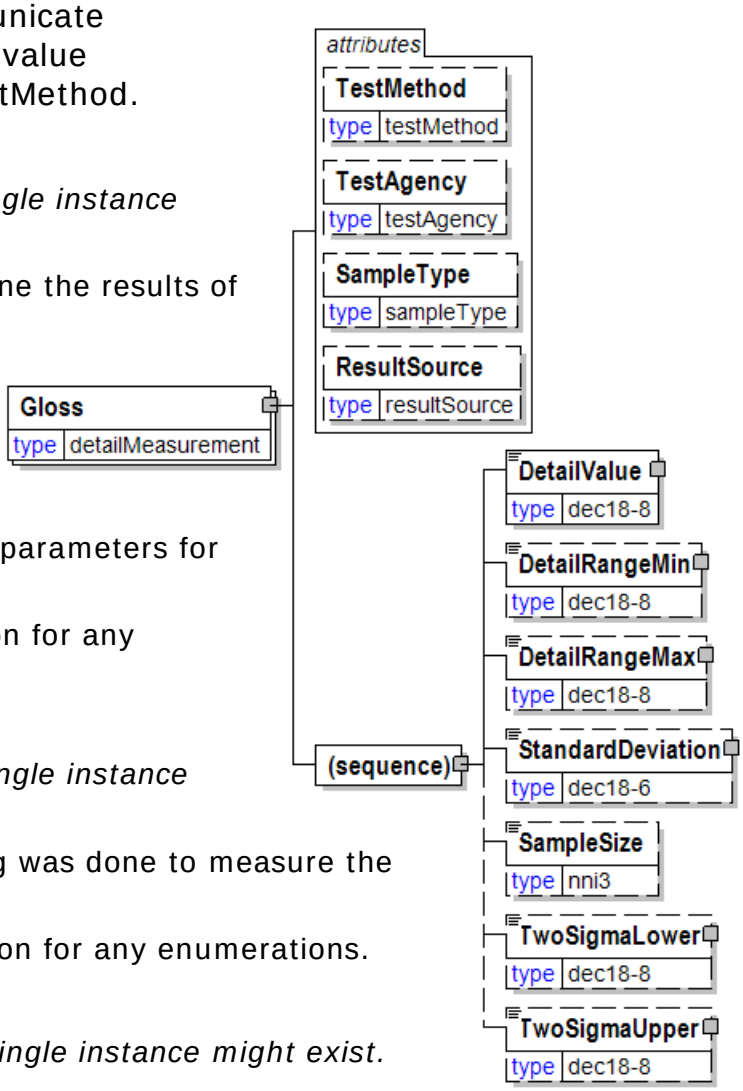
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

Gloss

A group item used to communicate specular gloss target or test value according to a particular TestMethod.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

GlueExposure

Exposure class as defined by NIST standards and indicated in the grade stamp.



This item is restricted to the following list.

Exterior

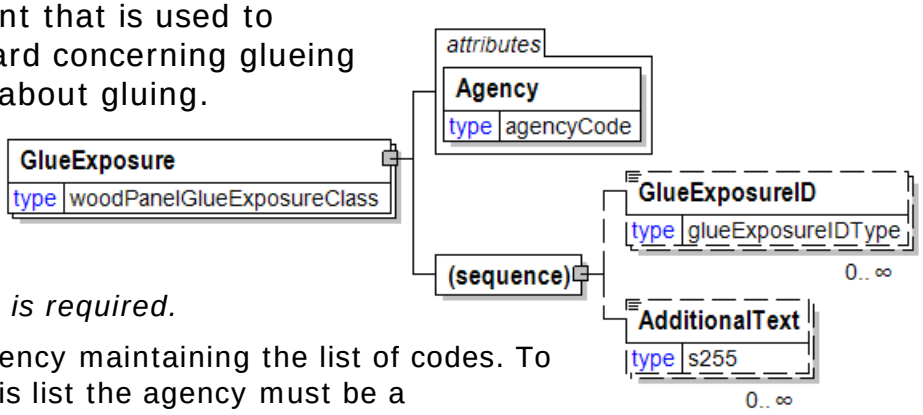
Interior

Exposure1

Exposure2

GlueExposure

A grouping element that is used to specify the standard concerning glueing and other details about gluing.



Agency [attribute]

Agency is mandatory.
A single instance is required.

Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

GlueExposureID

GlueExposureID is optional. Multiple instances might exist.

Exposure class as defined by NIST standards and indicated in grade stamp.

Refer to GlueExposureID definition for any enumerations.

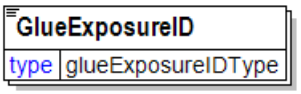
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

GlueExposureID

Exposure class as defined by NIST standards and indicated in grade stamp.



This item is restricted to the following list.

Exterior

Interior

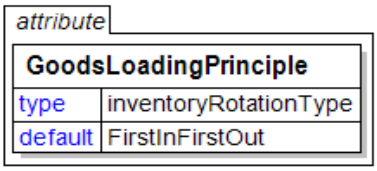
Exposure1

Exposure2

Other

GoodsLoadingPrinciple [attribute]

Defines principles for how goods are picked from warehouse and loaded



This item is restricted to the following list.

FirstInFirstOut

Goods to be picked and loaded on a first in and first out basis. The oldest goods stored into warehouse to be picked first.

LastInFirstOut

Goods to be picked and loaded on a last in and first out basis. The latest goods stored into warehouse to be picked first

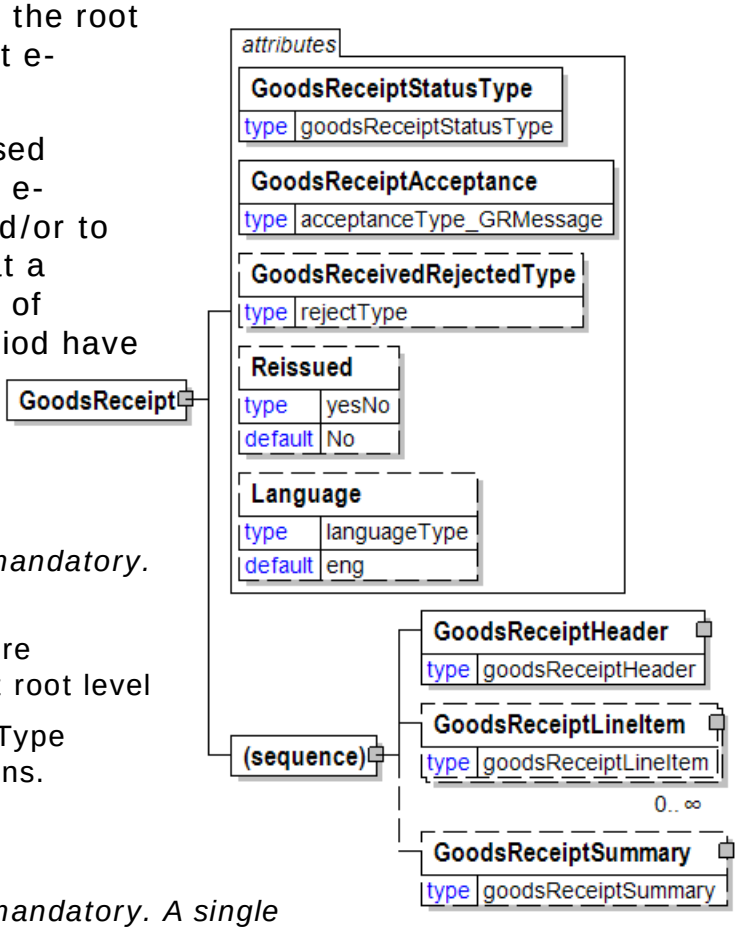
Random

Goods to be picked and loaded in any order

GoodsReceipt

The GoodsReceipt element is the root element for the GoodsReceipt e-Document.

The ShipTo party, or authorised agent, sends a GoodsReceipt e-Document to the Supplier and/or to the Buyer acknowledging that a specific delivery or a number of deliveries in a given time period have been received and their status.



GoodsReceiptStatusType [attribute]

GoodsReceiptStatusType is mandatory. A single instance is required.

Defines the status of the entire GoodsReceipt e-Document at root level

Refer to GoodsReceiptStatusType definition for any enumerations.

GoodsReceiptAcceptance [attribute]

GoodsReceiptAcceptance is mandatory. A single instance is required.

Defines the state of the goods received as compared to the DeliveryMessage specifications. The enumeration list is the list of choices that apply to the GoodsReceipt e-Document root.

Refer to GoodsReceiptAcceptance definition for any enumerations.

GoodsReceivedRejectedType [attribute]

GoodsReceivedRejectedType is optional. A single instance might exist.

Defines the reason the goods were rejected

Refer to GoodsReceivedRejectedType definition for any enumerations.

Reissued [attribute]

Reissued is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Reissued definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

GoodsReceiptHeader

GoodsReceiptHeader is mandatory. A single instance is required.

The GoodsReceiptHeader is required and contains information common to the GoodsReceipt e-Document.

GoodsReceiptLineItem

GoodsReceiptLineItem is optional. Multiple instances might exist.

The Optional GoodsReceiptLineItem specifies how a shipment was received for an individual delivery line for one PurchaseOrder and PurchaseOrder line item.

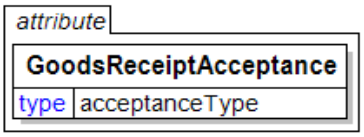
GoodsReceiptSummary

GoodsReceiptSummary is optional. A single instance might exist.

Summary information that applies to the entire GoodsReceipt e-Document.

GoodsReceiptAcceptance [attribute]

Defines the state of the goods received as compared to the DeliveryMessage specifications. The enumeration list is the list of choices that apply to the GoodsReceipt header and line item.



This item is restricted to the following list.

GoodsReceivedAsIs

The delivered goods were received without inspection, or checking of the goods for damage, or accuracy against the DeliveryMessage.

GoodsReceivedAsSpecified

Received goods agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights. There is no transit damage.

GoodsReceivedCancelled

Received goods notification is being cancelled. This value is only used when the GoodsReceiptStatusType is “Cancelled”.

GoodsReceivedRejected

Received goods agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights; but there has been transit damage resulting in rejection of all goods.

GoodsReceivedWithDamage

Received goods agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights; but there has been transit damage of some items. All transit damages must be specified.

GoodsReceivedWithVariance

Received goods do not agree completely with the DeliveryMessage specifications. For those items at variance, actual received item identifiers and item weights must be specified.

Additionally, used with the VarianceType of “NotReceived” to indicate items that was on the DeliveryMessage but not in the Delivery as received.

GoodsReceivedWithVarianceAndDamage

Received goods do not agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights and there has been transit damage of some items. For those items at variance or with transit damage, actual received item identifiers, item weights, and transit damages must be specified.

GoodsReceiptAcceptance [attribute]

Defines the state of the goods received as compared to the DeliveryMessage specifications. The enumeration list is the list of choices that apply to the GoodsReceipt e-Document root.



This item is restricted to the following list.

GoodsReceivedAsIs

The delivered goods were received without inspection, or checking of the goods for damage, or accuracy against the DeliveryMessage.

GoodsReceivedAsSpecified

Received goods agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights. There is no transit damage.

GoodsReceivedCancelled

Received goods notification is being cancelled. This value is only used when the GoodsReceiptStatusType is “Cancelled.”

GoodsReceivedRejected

Received goods agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights; but there has been transit damage resulting in rejection of all goods.

GoodsReceivedWithDamage

Received goods agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights; but there has been transit damage of some items. All transit damages must be specified.

GoodsReceivedWithoutDeliveryMessage

Goods were received but there was no prior DeliveryMessage. This acceptance status applies to the entire GoodsReceipt e-Document and is available only at the e-Document level.

GoodsReceivedWithVariance

Received goods do not agree completely with the DeliveryMessage specifications. For those items at variance, actual received item identifiers and item weights must be specified.

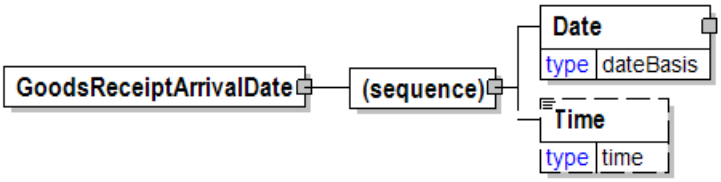
Additionally, used with the VarianceType of “NotReceived” to indicate items that was on the DeliveryMessage but not in the Delivery as received.

GoodsReceivedWithVarianceAndDamage

Received goods do not agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights and there has been transit damage of some items. For those items at variance or with transit damage, actual received item identifiers, item weights, and transit damages must be specified.

GoodsReceiptArrivalDate

The Date and optionally Time on which the received goods arrived.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

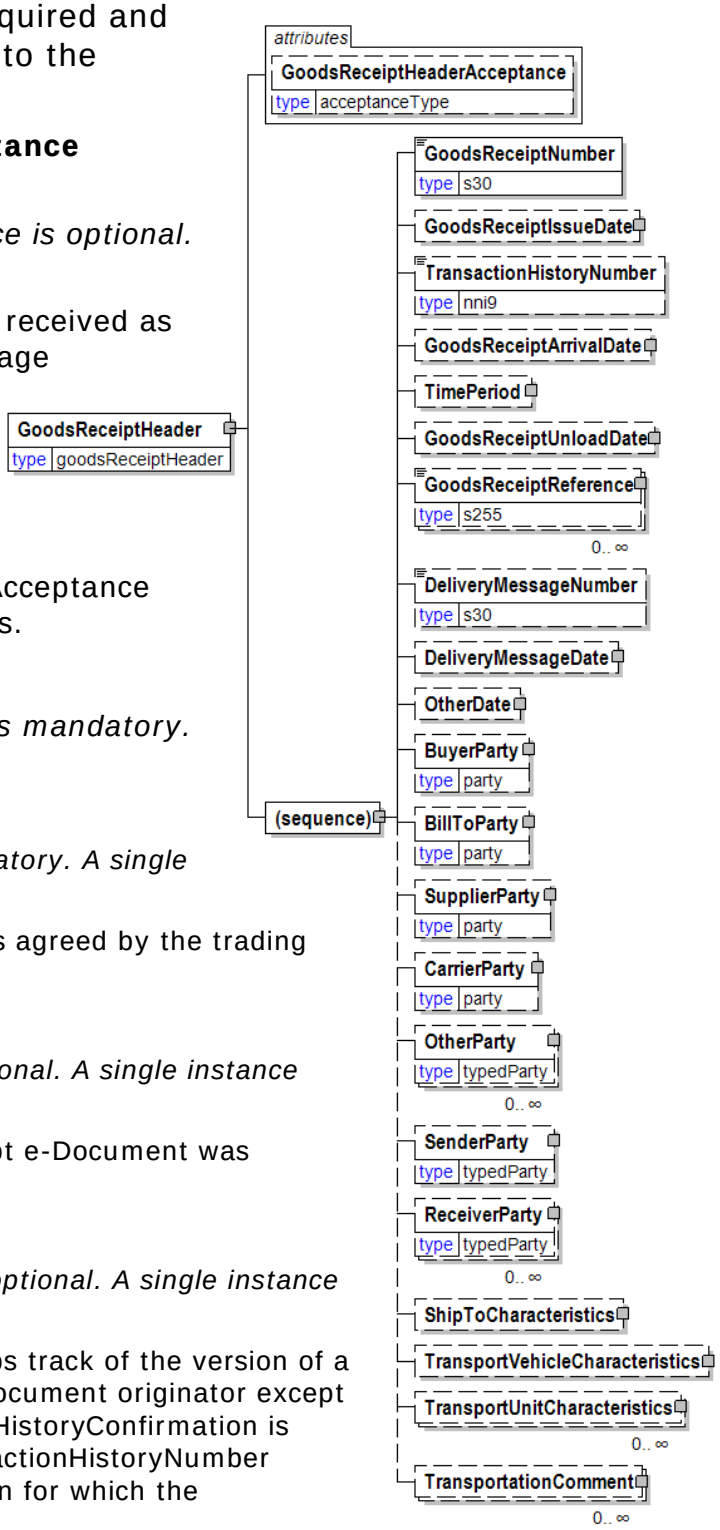
hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should

be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

GoodsReceiptHeader

The GoodsReceiptHeader is required and contains information common to the GoodsReceipt e-Document.



GoodsReceiptHeaderAcceptance [attribute]

GoodsReceiptHeaderAcceptance is optional. A single instance might exist.

Defines the state of the goods received as compared to the DeliveryMessage specifications. The enumeration list is the list of choices that apply to the GoodsReceipt header and line item.

Refer to GoodsReceiptHeaderAcceptance definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

GoodsReceiptNumber

GoodsReceiptNumber is mandatory. A single instance is required.

The unique receipt identifier as agreed by the trading partners.

GoodsReceiptIssueDate

GoodsReceiptIssueDate is optional. A single instance might exist.

The date that the GoodsReceipt e-Document was created.

TransactionHistoryNumber

TransactionHistoryNumber is optional. A single instance might exist.

A sequential number that keeps track of the version of a document being sent by the document originator except in the case where TransactionHistoryConfirmation is used, in which case the TransactionHistoryNumber refers to the trigger transaction for which the confirmation is being sent.

GoodsReceiptArrivalDate

GoodsReceiptArrivalDate is optional. A single instance might exist.

The Date and optionally Time on which the received goods arrived.

TimePeriod

TimePeriod is optional. A single instance might exist.

The TimePeriod element is used to communicate a duration period of time as indicated in PeriodType.

GoodsReceiptUnloadDate

GoodsReceiptUnloadDate is optional. A single instance might exist.

The Date and optionally Time on which the received goods were unloaded.

GoodsReceiptReference

GoodsReceiptReference is optional. Multiple instances might exist.

A group item detailing relevant references (such as contract number) pertaining to the GoodsReceipt, as indicated by the GoodsReceiptReferenceType.

DeliveryMessageNumber

DeliveryMessageNumber is optional. A single instance might exist.

A unique delivery identifier assigned to each DeliveryMessage as agreed between the trading partners.

DeliveryMessageDate

DeliveryMessageDate is optional. A single instance might exist.

The Date and Time when the DeliveryMessage was issued.

OtherDate

OtherDate is optional. A single instance might exist.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

BuyerParty

BuyerParty is optional. A single instance might exist.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

BillToParty

BillToParty is optional. A single instance might exist.

The address where the Invoice is to be sent.

SupplierParty

SupplierParty is optional. A single instance might exist.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

CarrierParty

CarrierParty is optional. A single instance might exist.

The party performing the transport of the product from the pickup location to the ship-to location; could be a hauler.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-

Document.

SenderParty

SenderParty is optional. A single instance might exist.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is optional. Multiple instances might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

ShipToCharacteristics

ShipToCharacteristics is optional. A single instance might exist.

A group item that provides information important for the Ship-To Party.

ShipToCharacteristics may be referenced at both the header and line item level. The reference at the header is required and acts as a default for the value at the line level, unless overridden at the line level.

TransportVehicleCharacteristics

TransportVehicleCharacteristics is optional. A single instance might exist.

A group item containing information about a transport vehicle, e.g. a truck. A transport vehicle has its own power and can be used to pull, push, carry, or tow a transport unit loaded with goods.

TransportUnitCharacteristics

TransportUnitCharacteristics is optional. Multiple instances might exist.

A group item containing information about a transport unit, e.g. a trailer. Transport units contain goods and move using power from another source, the transport vehicle.

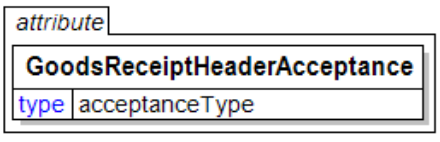
TransportationComment

TransportationComment is optional. Multiple instances might exist.

Textual Commentary on Transportation for an entire GoodsReceipt.

GoodsReceiptHeaderAcceptance [attribute]

Defines the state of the goods received as compared to the DeliveryMessage specifications. The enumeration list is the list of choices that apply to the GoodsReceipt header and line item.



This item is restricted to the following list.

GoodsReceivedAsIs

The delivered goods were received without inspection, or checking of the goods for damage, or accuracy against the DeliveryMessage.

GoodsReceivedAsSpecified

Received goods agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights. There is no transit damage.

GoodsReceivedCancelled

Received goods notification is being cancelled. This value is only used when the GoodsReceiptStatusType is “Cancelled”.

GoodsReceivedRejected

Received goods agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights; but there has been transit damage resulting in rejection of all goods.

GoodsReceivedWithDamage

Received goods agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights; but there has been transit damage of some items. All transit damages must be specified.

GoodsReceivedWithVariance

Received goods do not agree completely with the DeliveryMessage specifications. For those items at variance, actual received item identifiers and item weights must be specified.

Additionally, used with the VarianceType of “NotReceived” to indicate items that was on the DeliveryMessage but not in the Delivery as received.

GoodsReceivedWithVarianceAndDamage

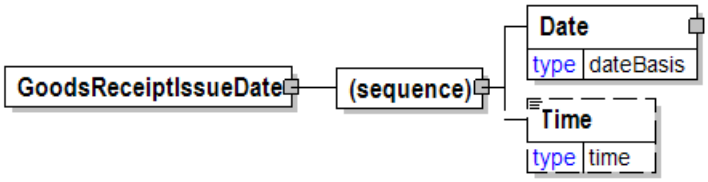
Received goods do not agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights and there has been transit damage of some items. For those items at variance or with transit damage, actual received item identifiers, item weights, and transit damages must be specified.

GoodsReceiptIssueDate

The date that the GoodsReceipt e-Document was created.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

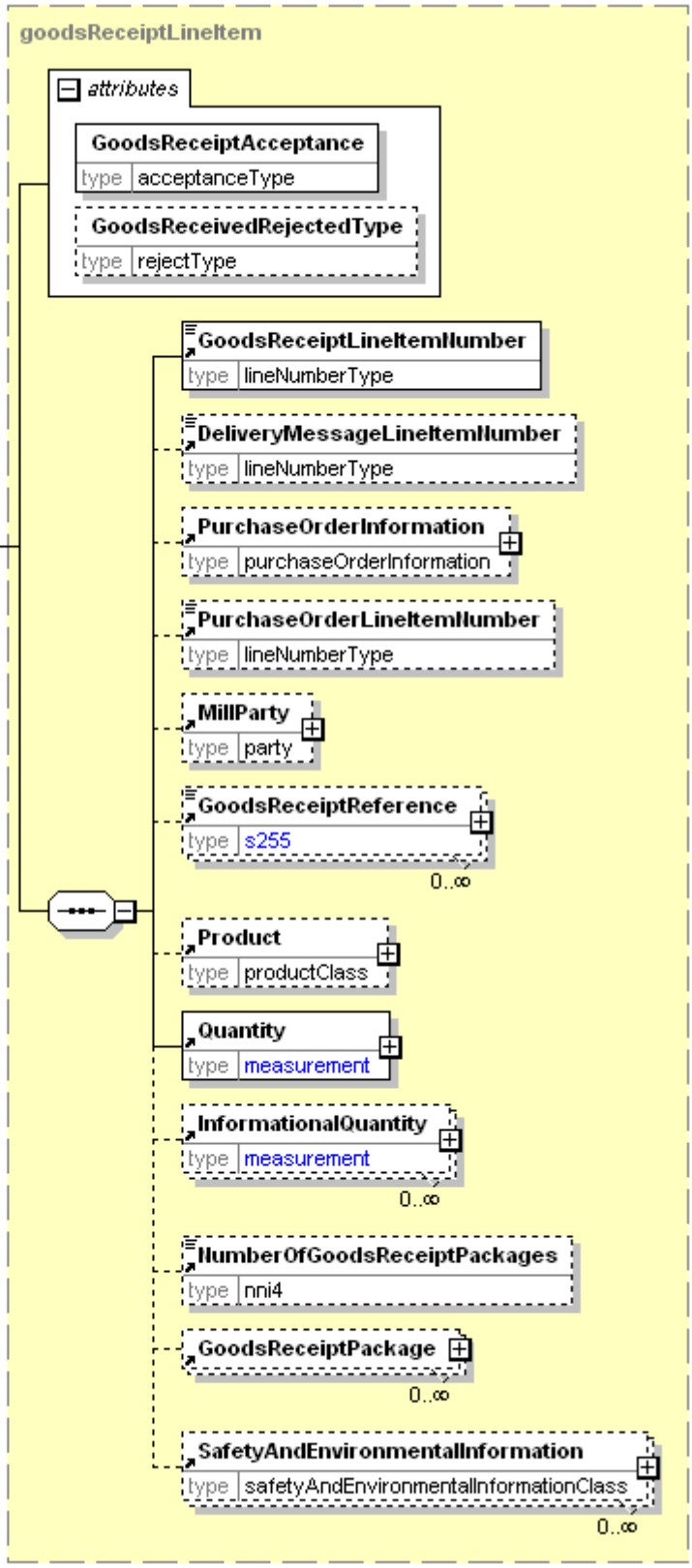
Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss,

hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

GoodsReceiptLineItem

The Optional GoodsReceiptLineItem specifies how a shipment was received for an individual delivery line for one PurchaseOrder and PurchaseOrder line item.



GoodsReceiptAcceptance [attribute]

GoodsReceiptAcceptance is mandatory. A single instance is required.

Defines the state of the



goods received as compared to the DeliveryMessage specifications. The enumeration list is the list of choices that apply to the GoodsReceipt header and line item.

Refer to GoodsReceiptAcceptance definition for any enumerations.

GoodsReceivedRejectedType [attribute]

GoodsReceivedRejectedType is optional. A single instance might exist.

Defines the reason the goods were rejected

Refer to GoodsReceivedRejectedType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

GoodsReceiptLineItemNumber

GoodsReceiptLineItemNumber is mandatory. A single instance is required.

A sequential number that uniquely identifies the GoodsReceipt line item.

DeliveryMessageLineItemNumber

DeliveryMessageLineItemNumber is optional. A single instance might exist.

The sequential number that uniquely identifies the delivery line item.

PurchaseOrderInformation

PurchaseOrderInformation is optional. A single instance might exist.

A group item containing information unique to this PurchaseOrder, which is provided by the buyer. PurchaseOrderInformation can be optional in the supply chain. Invoices are created without having a PurchaseOrder in Vendor Managed Inventory. Freight invoices also will not have a PurchaseOrder number.

PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber is optional. A single instance might exist.

The sequential number that uniquely identifies the PurchaseOrder line item.

MillParty

MillParty is optional. A single instance might exist.

The organisation or business entity that actually produces the product.

GoodsReceiptReference

GoodsReceiptReference is optional. Multiple instances might exist.

A group item detailing relevant references (such as contract number) pertaining to the GoodsReceipt, as indicated by the GoodsReceiptReferenceType.

Product

Product is optional. A single instance might exist.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

NumberOfGoodsReceiptPackages

NumberOfGoodsReceiptPackages is optional. A single instance might exist.

A count of the number of packages detailed in the GoodsReceiptLineItem.

GoodsReceiptPackage

GoodsReceiptPackage is optional. Multiple instances might exist.

This element represents the manner in which the GoodsReceipt is packaged.

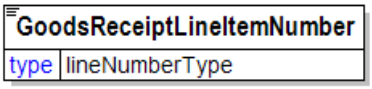
SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency).

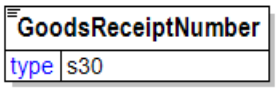
GoodsReceiptLineItemNumber

A sequential number that uniquely identifies the GoodsReceipt line item.



GoodsReceiptNumber

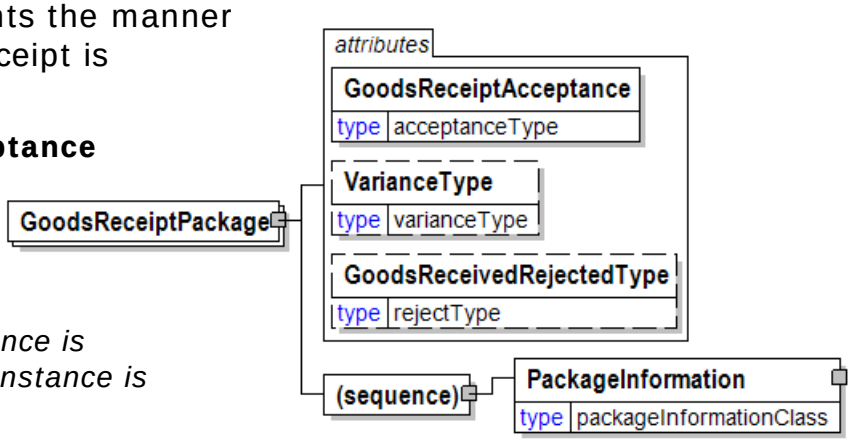
The unique receipt identifier as agreed by the trading partners.



GoodsReceiptPackage

This element represents the manner in which the GoodsReceipt is packaged.

GoodsReceiptAcceptance [attribute]



GoodsReceiptAcceptance is mandatory. A single instance is required.

Defines the state of the goods received as compared to the DeliveryMessage specifications. The enumeration list is the list of choices that apply to the GoodsReceipt e-Document root.

Refer to GoodsReceiptAcceptance definition for any enumerations.

VarianceType [attribute]

VarianceType is optional. A single instance might exist.

Defines the type of difference that the GoodsReceiptPackage has from the information on the DeliveryMessage

Refer to VarianceType definition for any enumerations.

GoodsReceivedRejectedType [attribute]

GoodsReceivedRejectedType is optional. A single instance might exist.

Defines the reason the goods were rejected

Refer to GoodsReceivedRejectedType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PackageInformation

PackageInformation is mandatory. A single instance is required.

The purpose of the PackageInformation structure is to clearly identify physical handling items that constitute the delivery.

PackageInformation is the highest level of product packaging it describes the shipping or warehousing unit.

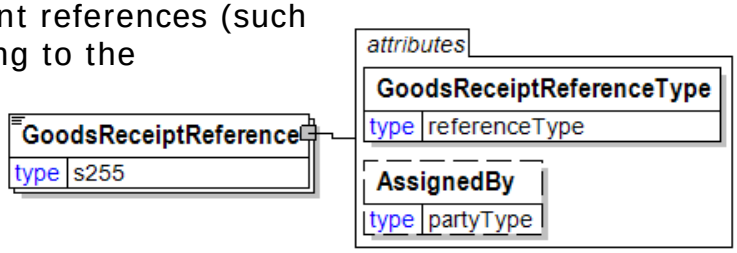
If you are communicating a package, usually for logistics or transport purposes, you should include the PackageType, Identifier, ItemCount, and Quantity. (Note: you still have the ability to describe the item with one of the “named” items.)

If you are communicating one of the named Items there is no need to include PackageType, Identifier, ItemCount, and Quantity.

Since either of these two approaches can be used the entie contents of this element are optional even though the parent may be required. It is expected that you will fill in the appropriate details.

GoodsReceiptReference

A group item detailing relevant references (such as contract number) pertaining to the GoodsReceipt, as indicated by the



GoodsReceiptReferenceType.

GoodsReceiptReferenceType [attribute]

GoodsReceiptReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information

previously communicated in the prefix.

Refer to GoodsReceiptReferenceType definition for any enumerations.

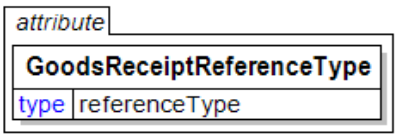
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

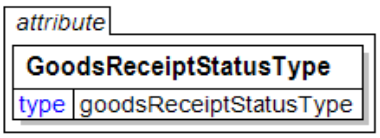
GoodsReceiptReferenceType [attribute]



Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

GoodsReceiptStatusType [attribute]



Defines the status of the entire GoodsReceipt e-Document at root level

This item is restricted to the following list.

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

Original

The supplied information is the first version of that information.

Replaced

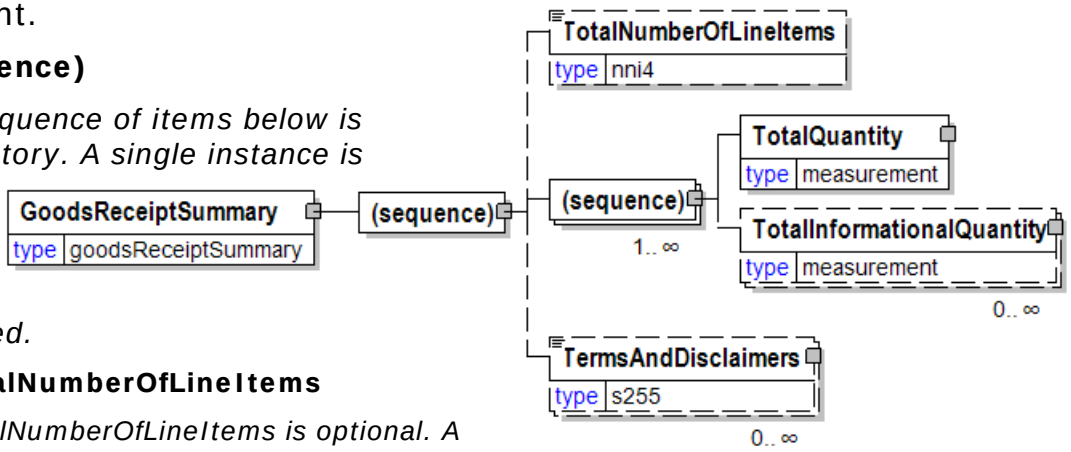
The supplied information is replacing earlier supplied information. The receiver should revalidate the information in their system based upon the entire information received.

GoodsReceiptSummary

Summary information that applies to the entire GoodsReceipt e-Document.

(sequence)

The sequence of items below is mandatory. A single instance is required.



TotalNumberOfLineItems

TotalNumberOfLineItems is optional. A single instance might exist.

The total number of individual line items in the document, regardless of the status or type.

(sequence)

The sequence of items below is mandatory. One instance is required, multiple instances might exist.

TotalQuantity

TotalQuantity is mandatory. A single instance is required.

The total quantity of similar items in the e-Document. TotalQuantity is primarily used in the summary section of documents where it is repeatable to permit totaling for different units of measure.

TotalInformationalQuantity

TotalInformationalQuantity is optional. Multiple instances might exist.

A quantity that is used to communicate related information about the parent element. This element represents a total that is derived from individual line items.

TermsAndDisclaimers

TermsAndDisclaimers is optional. Multiple instances might exist.

An element that contains legal information with an indication of what the Language is.

GoodsReceiptUnloadDate

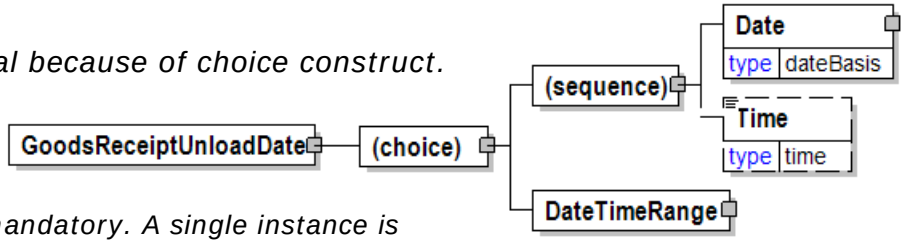
The Date and optionally Time on which the received goods were unloaded.

(choice)

[choice] is optional because of choice construct.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

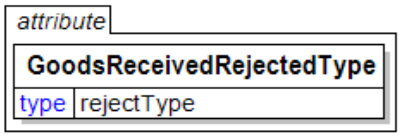
DateTimeRange

DateTimeRange is optional because of choice construct.

Specifies a date and/or time range.

GoodsReceivedRejectedType [attribute]

Defines the reason the goods were rejected



This item is restricted to the following list.

ExcessiveTransitDamage

The item(s) is/are damaged beyond acceptable use during transit.

ProductQuality

The delivery did not match the quality of the product ordered or requested.

TooEarly

The delivery has occurred prior to the agreed delivery date/time. For example, there is insufficient storage at the delivered time.

TooLate

The delivery has occurred after the agreed delivery date/time. For example, delivered after press date.

UnableToUnload

The delivered items cannot be unloaded. For example, damaged vehicle doors, load has shifted during transportation, or ShipTo requires reels to be palletised but they are delivered on the vehicle floor.

WrongBarCode

The barcode used to identify the product is incorrect.

WrongBasisWeight

The basis weight of the product is not what was ordered.

WrongDeliveryLocation

The product was delivered to the wrong location.

WrongDiameter

The diameter delivered is unusable. For example, a physical limitation on a reel stand is exceeded.

WrongLabel

The delivered item has incorrect or missing information, or incorrect label stock that would prevent its use. For example, insufficient peel-off barcode labels.

WrongProduct

The delivered item was not the product ordered or requested.

WrongReelWidth

The width of the reel is incorrect.

WrongVehicleType

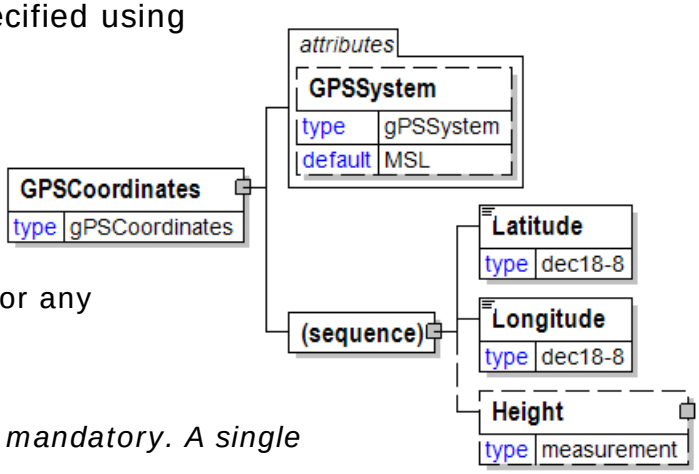
The items have been delivered in a vehicle that cannot be unloaded at the ShipTo facility. For example, the ShipTo requires side unloading vehicles, but the delivery vehicle can only be unloaded from the rear.

WrongWrap

The delivered item is wrapped in material that will prevent its use. For example, a hole is not present in the end cap for vacuum lifting.

GPSCoordinates

The location of the party as specified using a Global Positioning System.



GPSSystem [attribute]

GPSSystem is optional. A single instance might exist.

The type of GPS system.

Refer to GPSSystem definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Latitude

Latitude is mandatory. A single instance is required.

A measurement of the position of the party or contact in degrees north or south of the equator

Longitude

Longitude is mandatory. A single instance is required.

A measurement of the position of the party or contact in degrees east or west of the prime meridian

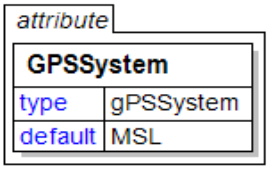
Height

Height is optional. A single instance might exist.

The height of the object.

GPSSystem [attribute]

The type of GPS system.



This item is restricted to the following list.

ECEF

Earth Centered Earth Fixed

HAE

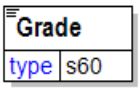
Height about Ellipse

MSL

Mean Sea Level (default)

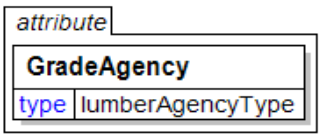
Grade

Grade



GradeAgency [attribute]

LumberAgency identifies which agency is responsible for assigning the lumber attributes.



This item is restricted to the following list.

BS

BS-EN

British standard based on a European standard.

CEN

European Committee for Standardisation (http://www.cenorm.be)

DIN

EN338

EN1912

EN1611-1

EDISAW

Generic

GOST

Russian federal agency on technical regulating and metrology (http://www.gost.ru)

ISO

JAS

Japanese Agricultural Standard

NELMA

NLGA

NS

NSLB

RIS

RT

SIS

SPIB

WCLIB

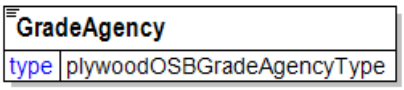
WRCLA

WWPA

Supplier

GradeAgency

North American structural panel grading agencies. Defines the governing organisation of the grading scheme employed.



Note: There is a GradeAgency attribute, as well.

This item is restricted to the following list.

APA

PITTSBURG

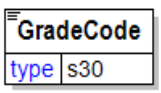
TECO

MillCertified

None

GradeCode

A specific product code for which the owner or source is specified.



GradeName

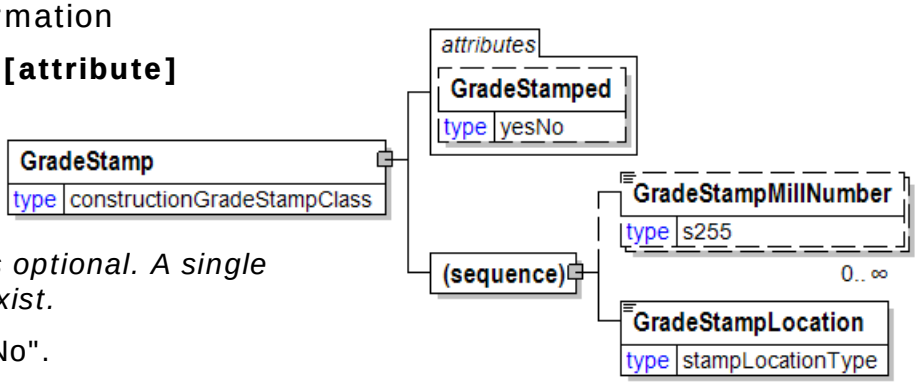
A specific product name for which the owner or source is specified (for example, ImprovedNewsprint-45-1479)



GradeStamp

Grade stamp information

GradeStamped [attribute]



GradeStamped is optional. A single instance might exist.

Either "Yes" or "No".

Refer to GradeStamped definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

GradeStampMillNumber

GradeStampMillNumber is optional. Multiple instances might exist.

Identifies the mill where the special grading was carried out.

GradeStampLocation

GradeStampLocation is mandatory. A single instance is required.

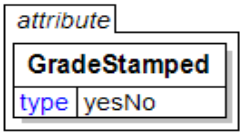
Defines the location on the piece (of the stamp).

Refer to GradeStampLocation definition for any enumerations.

GradeStamped [attribute]

Either "Yes" or "No".

This item is restricted to the following list.



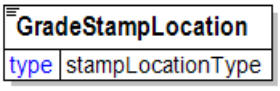
Yes

No

GradeStampLocation

Defines the location on the piece (of the stamp).

This item is restricted to the following list.



Face

Back

Good Side

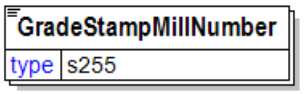
Bad Side

Edge

End

GradeStampMillNumber

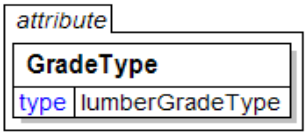
Identifies the mill where the special grading was carried out.



GradeType [attribute]

Grade Type

This item is restricted to the following list.



#1

#1 and #2

#1 and #2 Clear

#1 (SRB)

#1 Box

#1 Commons

#1 Cuts

#1 Cuttings

#1 Dense

#1 Dense Stadium Grade

#1 Dense Structural

#1 Door Cuttings

#1 Fencing (Select)

#1 Furniture

#1 Lath

#1 Mining

#1 Non Dense

#1 Pencil Stock

#1 Prime

#1 Sash Cuttings

#1 Shop

#1 Stadium Grade

#1 Structural

#1 and Btr

#2
#2 (SRB)
#2 Box
#2 Common
#2 Cuts
#2 Cuttings
#2 Dense
#2 Door Cuttings
#2 Fencing (Quality)
#2 Foundation
#2 Furniture
#2 Lath
#2 Mining
#2 Non Dense
#2 Pencil Stock
#2 Prime
#2 Sash Cuttings
#2 Shop
#2 Structural
#2 and Btr
#2 and Btr Common
#2 and Btr Fencing(Rustic)
#3
#3 (SRB)
#3 Clear
#3 Common
#3 Cuttings
#3 Fencing
#3 Fencing (Rustic)
#3 Lath
#3 Pencil Stock
#3 Shop
#3 Shop or Sash
#3 and Btr
#3 and Btr Common
#4
#4 Common

#5 Common

1.5E LAM

1.6E LAM

1.7E LAM

1.8E LAM

1.9E LAM

1200f

1350f

1400f

1450f

1500f

1600f

1650f

1800f

1950f

2.0E LAM

2.1E LAM

2.2E LAM

2.3E LAM

2.4E LAM

2.5E LAM

2.6E LAM

2000f

2100f

2200f Scaffold Plank

2250f

2400f

2400f Scaffold Plank

2550f

26002-83

GOST (agency) export Quality

2700f

2850f

3000f

302-20

302-22

302-24

3150f

3300f

8486

GOST (agency) domestic quality

900f

A

A and Btr

Appearance Knotty

Architect Clear

Architect Knotty

B

B and B

B Grade

B Laminating

B and Btr

B and Btr - 1 and 2 Clear

B.F.Laminating

Barge Framing

Barge Planking and Decking

Battens

C

C Laminating

C Select

C Ship Decking

C and Btr

C and Btr Dimension

C and Btr Select

C and Btr-VG Stepping

California Fencing

Choice

Choice and Btr

Clear

Clear All Heart

Clear Door

Clear Door Rip

Clear Finger Joint

Clear Gutter

Clear Heart

Clear VG Heart

Colonial

Commercial Decking

Commercial Dex

Commercial Patio

Construction

Construction (SRB)

Construction Common

Construction Heart

Crossarms

Custom Clear

Custom knotty

Cut Door Stock

D

D Dimension

D Laminating

D Select

D and Btr

D and Btr Select

Deck Common

Deck Heart

Dense Commercial Decking

Dense Industrial Scaffold plank 65

Dense Industrial Scaffold Plank 72

Dense Premium

Dense Select Decking

Dense Select Structural

Dense Standard Decking

Dunnage

D0VD Stepping

E

Economy

Economy Fencing

Economy Stud

Factory Flitches

Factory Select

FG or MG Ladder Rails

Fingerjoint Shop Common

Finish

Foundation

Gutter

Heart B

Heart Clear

Industrial

Industrial 26

Industrial 45

Industrial 55

Knotty

Knotty Finger Joint

L1 Dense Laminating

L1 Laminating

L1-c Laminating

L2 Laminating

L2-d Dense Laminating

L3 Laminating

Ladder and Pole Stock

Ladder Rail Stock

M-10

M-11

M-12

M-13

M-14

M-15

M-16

M-17

M-18

M-19

M-20

M-21

M-22

M-23

M-24

M-25

M-26

M-27

M-28

M-29

M-30

M-31

M-5

M-6

M-7

M-8

M-9

Margin Plank

Mast Spar and Boat Two and One-Fourth Inch and Thicker

Mast Spar and Boat One to Two Inch

Merchantable

Merchantable Heart

MillGrade

Moulding Stock (A)

Moulding Stock (B)

Moulding and Btr

Mouldings

NeLMA # 1A Furniture

NeLMA # 2A Furniture

None

NSLB #1

NSLB #2

Par99

Patio 1

Patio 2

Pipe Stave Stock

Plank Wall

Premium

Premium and Btr

Prime

Quality

Quality Fencing

Quality Knotty

RadiusEdgeDecking 1

RadiusEdgeDecking 2

Rustic

Rustic Fencing

Rustic Knotty

Sash

Sash Cuttings

Sawn Railroad Ties

Scaffold #1

Scaffold #2

Select

Select and Quality Knotty

Select Decking

Select Dex

Select Fencing

Select Heart

Select Knotty

Select Merchantable

Select Patio

Select Shop

Select Structural

Select Structural (SRB)

Select Structural Non Dense

Selected

Selected #2 Common

Selected #3 Common

Selected Decking

Selected Gutter

Ship Decking

Ship Plank

Shop Flitches

Short

Short Select

SPS 1 Certified Fingerjointed

SPS 3 Certified Fingerjointed

Stadium Plank Seats

Stadium Plank Walk boards

Stadium Planks

Stained Selects

Standard

Standard (SRB)

Standard Mouldings

Standard and Btr

Sterling

Stud

Stud (SRB)

Superior

Supreme

Tank Stock Inch and Thicker

Tank Stock Under Four Inch

Utility

Utility (#2 Mining)

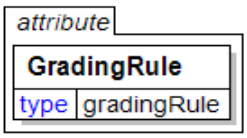
Utility (SRB)

Utility and Btr

VG Ladder Rails

GradingRule [attribute]

Grading rule, the rules under which the product has been graded.



This item is restricted to the following list.

European 1611-1

GSSS

Nordic

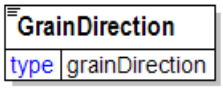
SS EN 230120

Supplier

Other

GrainDirection

Defines the primary orientation/alignment (Long or Short) of the cellulose fibres in a sheet or web of paper, which results from the flow of fibres in a water suspension during the papermaking process.



This item is restricted to the following list.

Any

Grain Direction does not matter.

Long

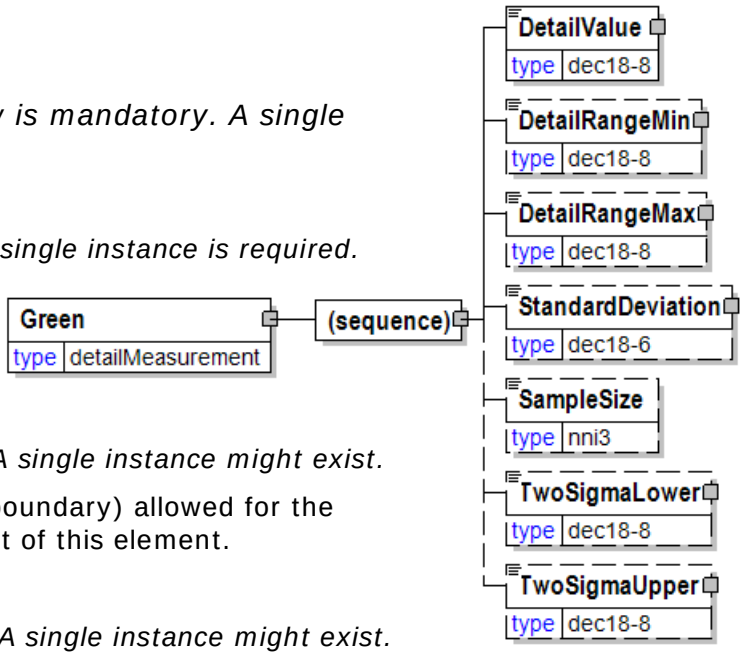
Orientation is aligned with the long fibres or with the grain.

Short

Orientation is aligned with the short fibres or against the grain.

Green

The “Green” portion of the method of representing colour termed RGB



(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

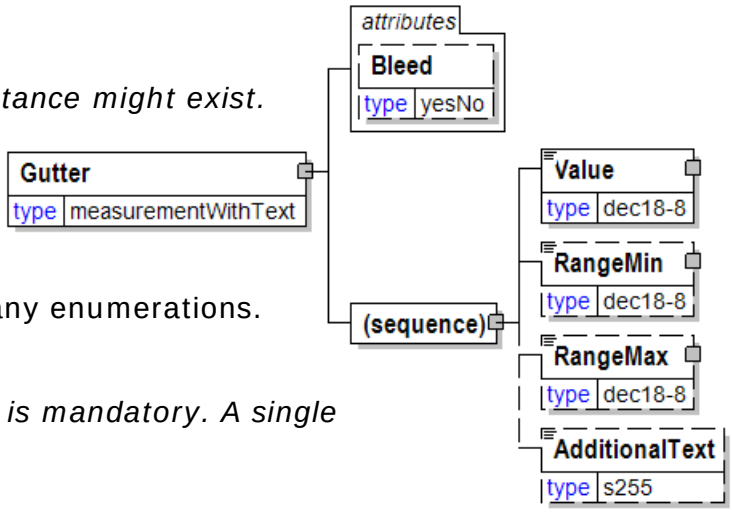
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

Gutter

Gutter



Bleed [attribute]

Bleed is optional. A single instance might exist.

Specifies if the printing of an illustration, design, or text to the edge of the page.

Refer to Bleed definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

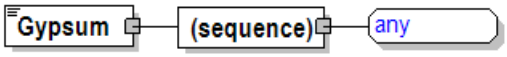
AdditionalText

AdditionalText is optional. A single instance might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

Gypsum

A placeholder for further definition of gypsum items.



(sequence)

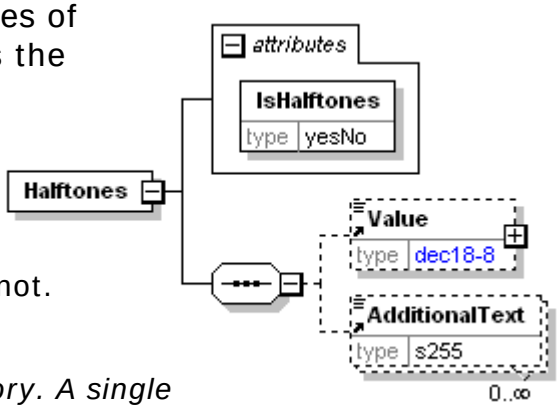
The sequence of items below is mandatory. A single instance is required.

[Any Type]

Any type of content is permitted at this point.

Halftones

Halftones are images made up of a series of dots in a specific pattern that simulates the look of a continuous tone image.



IsHalftones [attribute]

IsHalftones is mandatory. A single instance is required.

Indicates if the images are halftones or not.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is optional. Multiple instances might exist

A numeric value expressed in the unit of measure (UOM).

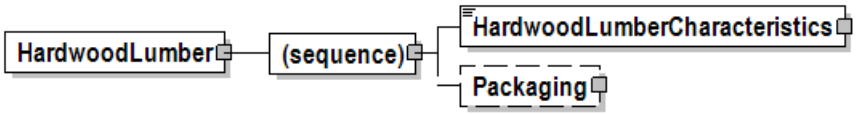
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

HardwoodLumber

Product structure for solid wood products made of hardwood.



(sequence)

The sequence of items below is mandatory. A single instance is required.

HardwoodLumberCharacteristics

HardwoodLumberCharacteristics is mandatory. A single instance is required.

A group item that organises the hardwood lumber –product information.

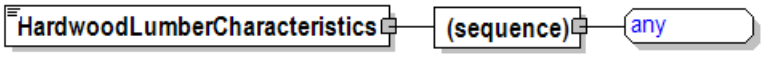
Packaging

Packaging is optional. A single instance might exist.

Type of a package that includes individual products.

HardwoodLumberCharacteristics

A group item that organises the hardwood lumber –product information.



(sequence)

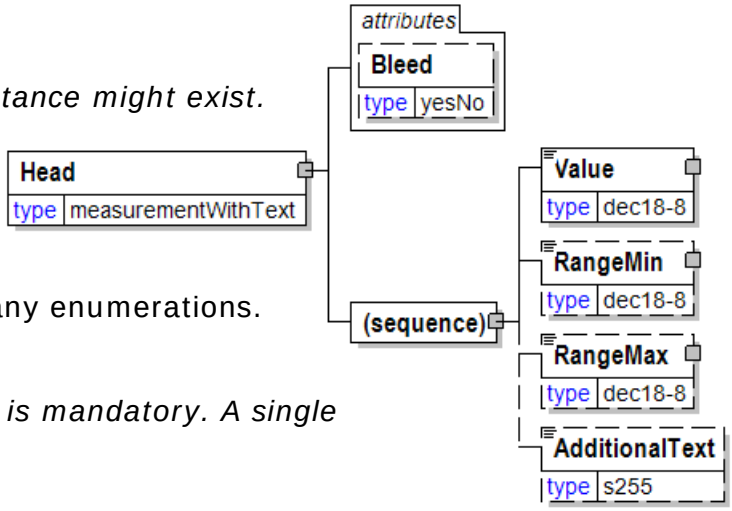
The sequence of items below is mandatory. A single instance is required.

[Any Type]

Any type of content is permitted at this point.

Head

Head.



Bleed [attribute]

Bleed is optional. A single instance might exist.

Specifies if the printing of an illustration, design, or text to the edge of the page.

Refer to Bleed definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

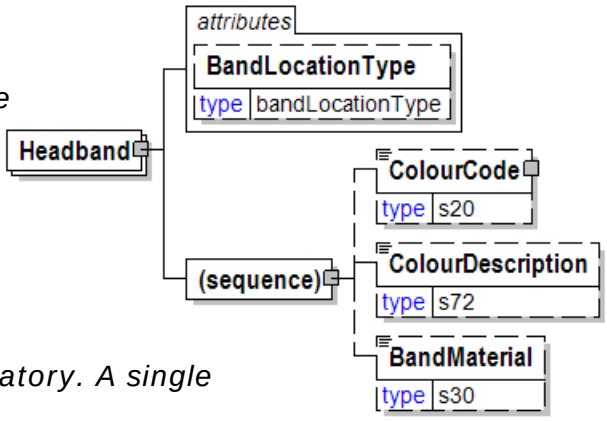
AdditionalText

AdditionalText is optional. A single instance might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

Headband

Headband.



BandLocationType [attribute]

BandLocationType is optional. A single instance might exist.

Band location type

Refer to BandLocationType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ColourCode

ColourCode is optional. A single instance might exist.

A code indicating the colour.

ColourDescription

ColourDescription is optional. A single instance might exist.

A free form description of the colour.

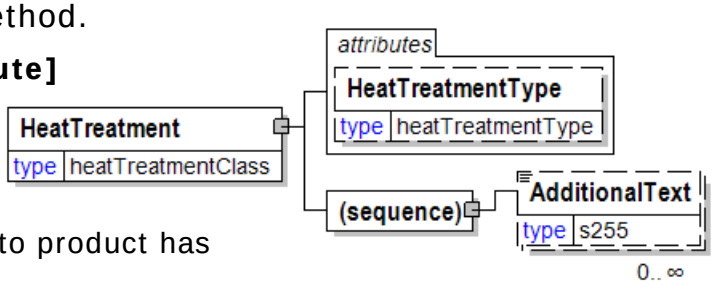
BandMaterial

BandMaterial is optional. A single instance might exist.

Band material

HeatTreatment

Defines the heat treatment method.



HeatTreatmentType [attribute]

HeatTreatmentType is optional. A single instance might exist.

Defines the standard to which to product has been heat treated.

Refer to HeatTreatmentType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

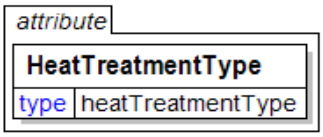
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

HeatTreatmentType [attribute]

Defines the standard to which to product has been heat treated.



This item is restricted to the following list.

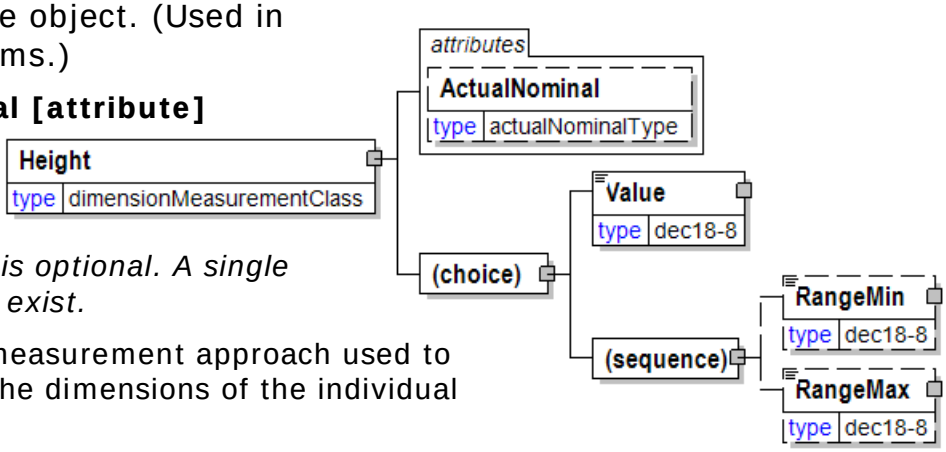
HT

HTC/NHTNC

KD56/30

Height

The height of the object. (Used in wood/timber items.)



ActualNominal [attribute]

ActualNominal is optional. A single instance might exist.

Indicates the measurement approach used to communicate the dimensions of the individual pieces.

Refer to ActualNominal definition for any enumerations.

(choice)

[choice] is optional because of choice construct.

Value

Value is optional because of choice construct.

A numeric value expressed in the unit of measure (UOM).

(sequence)

The sequence of items below is mandatory. A single instance is required.

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

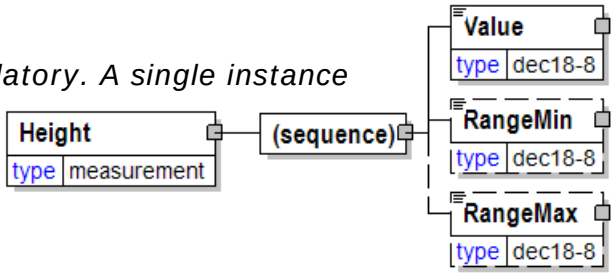
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

Height

The height of the object.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

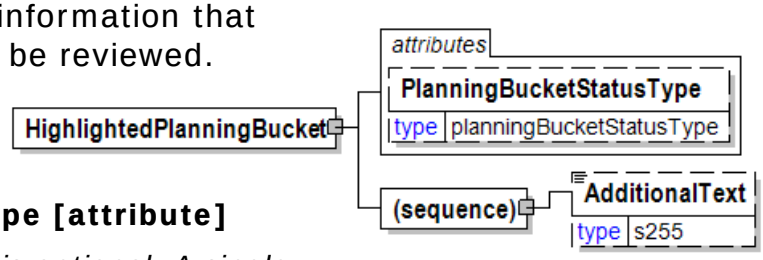
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

HighlightedPlanningBucket

Provides an indication and information that the planning bucket should be reviewed.



PlanningBucketStatusType [attribute]

PlanningBucketStatusType is optional. A single instance might exist.

Used to identify the Planning bucket's status. Typically used to highlight a change in status to the receiver of the e-Document.

Refer to PlanningBucketStatusType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

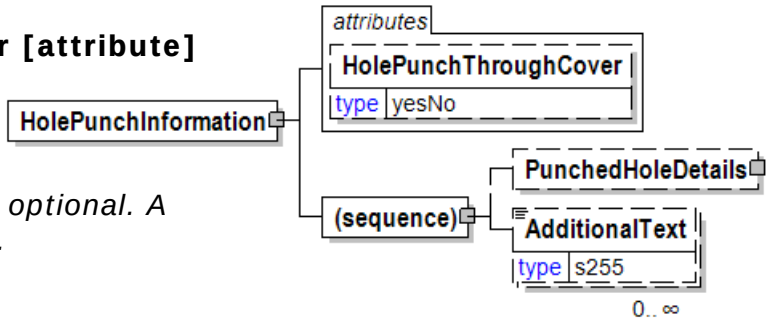
AdditionalText

AdditionalText is optional. A single instance might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

HolePunchInformation

Hole Punch Information.



HolePunchThroughCover [attribute]

HolePunchThroughCover is optional. A single instance might exist.

Either "Yes" or "No".

Refer to HolePunchThroughCover definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PunchedHoleDetails

PunchedHoleDetails is optional. A single instance might exist.

A grouping element that will contain the configuration information for punched holes.

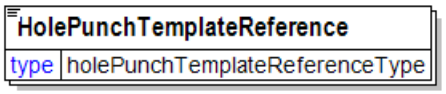
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

HolePunchTemplateReference

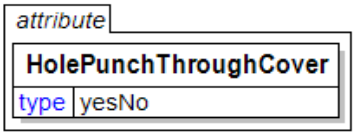
Hole punch template reference



HolePunchThroughCover [attribute]

Either "Yes" or "No".

This item is restricted to the following list.



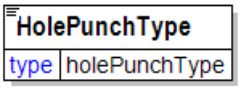
Yes

No

HolePunchType

Hole punch type.

This item is restricted to the following list.



DIN2

DIN4

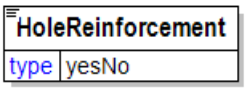
Finnish

Swedish

Any

HoleReinforcement

Hole reinforcement



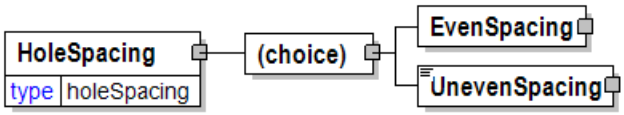
This item is restricted to the following list.

Yes

No

HoleSpacing

The HoleSpacing element is used to communicate the distance between holes.



(choice)

[choice] is optional because of choice construct.

EvenSpacing

EvenSpacing is optional because of choice construct.

The EvenSpacing element is used to communicate the hole-spacing that is equivalent between the holes. The initial spacing between the paper edge and the first hole is handled using the DistanceFromEdge element.

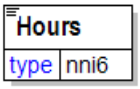
UnevenSpacing

UnevenSpacing is optional because of choice construct.

Uneven Spacing

Hours

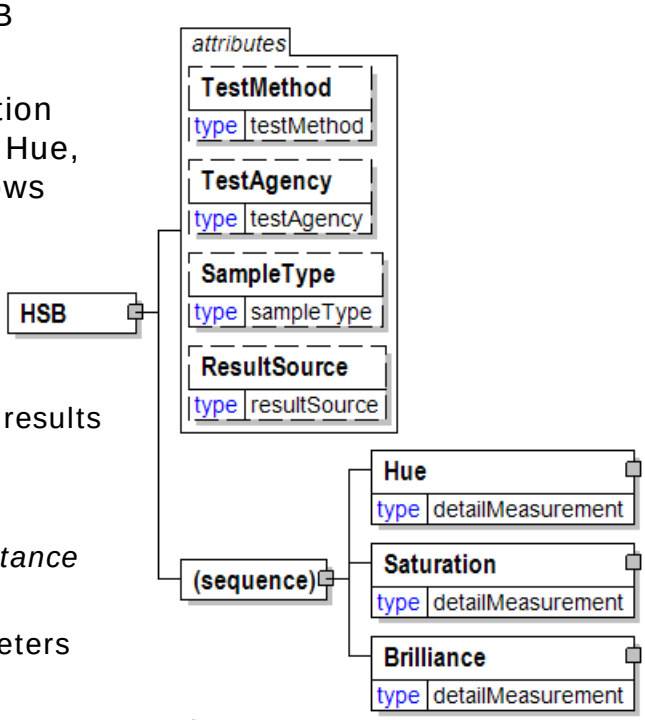
A qualifier of DeliveryTransitTime.



HSB

A definition of colour using the HSB protocol.

All the components of the definition are required. The structure of Hue, Saturation, and Brilliance follows DetailMeasurement.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Hue

Hue is mandatory. A single instance is required.

Measure of colour Hue in the HSB method of communicating colour.

Saturation

Saturation is mandatory. A single instance is required.

Measure of colour Saturation in the HSB method of communicating colour.

Brilliance

Brilliance is mandatory. A single instance is required.

Measure of brilliance in the HSB colour approach.

Hue

Measure of colour Hue in the HSB method of communicating colour.

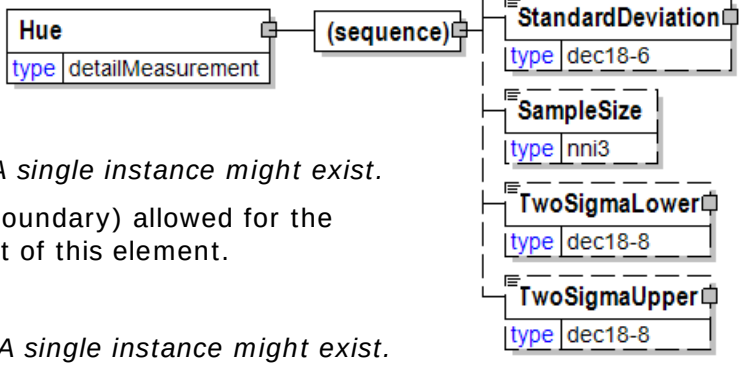
(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).



DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

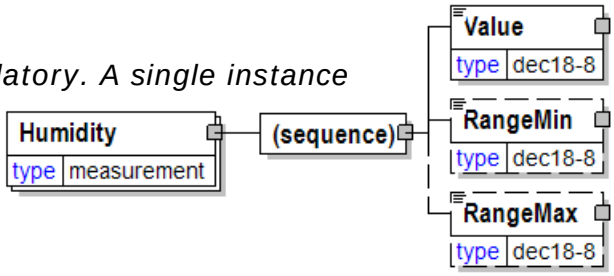
Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

Humidity

Humidity

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

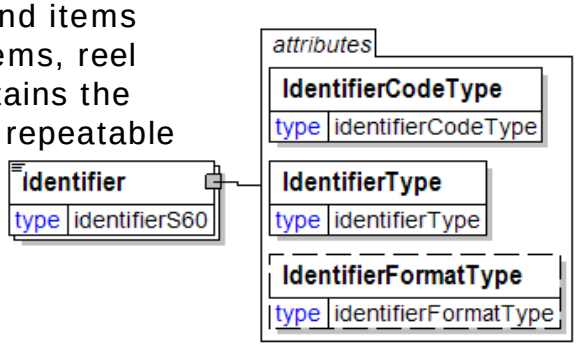
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

Identifier

An Identifier is required for packages and items (pallets, reel packages, boxes, ream items, reel items, etc). The Identifier element contains the actual item identifier code. Identifier is repeatable so more than one identifier can be communicated. For example, the printed identifier on a label may be different from the barcode printed on the label.



IdentifierCodeType [attribute]

IdentifierCodeType is mandatory. A single instance is required.

Defines the type of product identifier used (for example, reel number, ream number, bar code). This code type specifies how to decode the identifier value.

Refer to IdentifierCodeType definition for any enumerations.

IdentifierType [attribute]

IdentifierType is mandatory. A single instance is required.

This attribute specifies whether the Identifier is the primary way to identify the product or a secondary way. Only one of the given identifiers can be primary. In addition, this attribute also specifies the physical support used to code the identifier (for example, a Radio Frequency (RF) Tag).

Refer to IdentifierType definition for any enumerations.

IdentifierFormatType [attribute]

IdentifierFormatType is optional. A single instance might exist.

IdentifierFormatType defines the technical format used to make an IdentifierCodeType readable by technical devices or humans. The IdentifierCodeType specifies how to decode the identifier value.

Refer to IdentifierFormatType definition for any enumerations.

IdentifierCodeType [attribute]

Defines the type of product identifier used (for example, reel number, ream number, bar code). This code type specifies how to decode the identifier value.



This item is restricted to the following list.

Carrier

Carrier's own identifier coding scheme.

EAN8

To be deprecated in next version. GS1 has renamed it to GTIN-8. Use GTIN8 instead.

EAN8Plus2

The content of barcode EAN-8 with a 2 digit add-on.

EAN8Plus5

The content of barcode EAN-8 with a 5 digit add-on.

EAN13

To be deprecated in next version. GS1 has renamed it to GTIN-13. Use GTIN13 instead.

EAN13Plus2

The content of barcode EAN-8 with a 2 digit add-on.

EAN13Plus5

The content of barcode EAN-8 with an 5 digit add-on.

EAN13Plus8

To be deprecated in next version.

EAN128

To be deprecated in next version. GS1 has renamed it to GS1-128. Use GS1_128 instead. See also IdentifierFornatType GS1_128 for more information.

EPC

The EPC is a universal identifier defined by GS1 EPCglobal. It provides a unique identity for any physical object. The EPC is designed to be unique across all physical objects in the world. It is expressly intended for use by business applications that need to track all categories of physical objects.

The identifier within computer systems and business e-documents is the EPC Pure Identity URI. RFID Tags are very often used as data carrier for the EPC. Examples of syntax for some common EPC identifiers

- Serialized Global Trade Item Number (SGTIN): urn:epc:id:sgtin:CompanyPrefix.ItemReference.SerialNumber
- Serial Shipping Container Code (SSCC): urn:epc:id:sscc:CompanyPrefix.SerialReference
- Global Returnable Asset Identifier (GRAI): urn:epc:id:grai:CompanyPrefix.AssetType.SerialNumber

For more information see http://www.gs1.org/epcglobal

EPSMA

To be deprecated in next version. It is not a specific identifier type. European Pressure Sensitive Manufacturers Association (EPSMA) has specified barcodes with various contents using GS1-128 symbology.

EUGROPA

To be deprecated in next version. It is not a specific identifier type. European Paper Merchants Association has specified contents and layout of package labels. They use GS1-128 symbology and barcodes defined by GS1. http://www.eugropa.com/

GlobalReturnableAssetNumber

The Global Returnable Asset Identifier (GRAI) defined by GS1 for identification of reusable package or transport equipment that are considered an asset. It is used to enable tracking as well as recording of all relevant data associated with the individual asset or asset reference. The GRAI is assigned for the life time of the asset. http://www.gs1.org/

GlobalTradeItemNumber

To be deprecated in next version. Use GTIN14 instead.

GS1_128

The content of barcode GS1-128 encoded in GS1-128 symbology defined by GS1. Previously referred to as EAN-128. See also IdentifierFornatType GS1_128 for more information. http://www.gs1.org/

GTIN8

An 8 digit identifier GTIN-8 defined by GS1 for trade items, Earlier referred to as European Article Number EAN-8. GTIN-8s will be encoded in an EAN-8 bar code. See also GTIN14 for more information. http://www.gs1.org/

GTIN12

A 12 digit identifier GTIN-12 defined by GS1 for trade items, Earlier referred to as Universal Product Code. GTIN-12s can be encoded in UPC-A, UPC-E, ITF-14, or GS1-128 bar codes. GTIN-12 is primarily used in North America. See also GTIN14 for more information. http://www.gs1us.org/

GTIN13

A 13 digit identifier GTIN-13 defined by GS1 for trade items, Earlier referred to as European Article Number EAN-13. GTIN-13s can be encoded in EAN-13, ITF-14 or GS1-128 bar codes. See also GTIN14 for more information.

http://www.gs1.org/

GTIN14

A 14 digit Global Trade Item Number (GTIN) defined by GS1. It is one of the main building blocks of the GS1 System and is used to uniquely identify trade items, which are products and services that are priced, ordered or invoiced at any point in the supply chain.

GTINs can be 8, 12, 13, or 14 digits in length. GS1 recommends that every GTIN be represented in software applications as 14 digits by right justifying and zero filling left, as appropriate. The following table demonstrates the structure of GTINs in a GTIN-compliant database

Type of GTIN	GTIN Digit													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
GTIN-8	0	0	0	0	0	0	N	N	N	N	N	N	N	C
GTIN-12	0	0	N	N	N	N	N	N	N	N	N	N	N	C
GTIN-13	0	N	N	N	N	N	N	N	N	N	N	N	N	C
GTIN-14	N	N	N	N	N	N	N	N	N	N	N	N	N	C

http://www.gs1.org/

IFRA

The content of IFRA Bar Code using 16 digits and the Interleaved 2/5 symbols.

ISBN10

10 digit ISBN code without dashes

ISBN10Dash

10 digit ISBN code with dashes

ISBN13

13 digit ISBN code without dashes.

ISBN13Dash

13 digit ISBN code with dashes.

Measurer

Measurer's own identifier coding scheme.

NARI

North American Roll Identifier coded on 13 digits, and using the Code 39 symbols.

NPTA

National Paper Trade Association code.

RFTagSerialNumber

The fixed built-in identifier of a RFID unit.

SerialisedShippingContainerCode

The Serial Shipping Container Code (SSCC) defined by GS1 is used to identify individual logistic unit. A logistic unit can be any combination of units put

together in a case or on a pallet or truck where the specific unit load needs to be managed through the supply chain. It is an 18 digit number. http://www.gs1.org/

Supplier

Supplier's own identifier coding scheme.

TAPPI13

TAPPI 13-character identifier coding scheme.

TAPPI9

TAPPI 9-character identifier coding scheme.

UCCEAN128SSCC

To be deprecated in next version. Use enumeration SerialisedShippingContainerCode instead.

UCCEANMulti

To be deprecated in next version. Use enumeration GS1_128 instead.

UIC14

The CEPI Unit identifier coded on 14 digits. When the CEPI Unit Identifier is used in bar code format, then the symbology must be Code 128C to European Standard EN 799. This is the official European identifier by CEPI. More info at www.cepi.org.

UIC16

To be deprecated in future version. Use instead UIC14.UIC16 was the CEPI Unit identifier coded on 16 digits. UIC16 is no longer supported by CEPI.

UPC

To be deprecated in next version. GS1 US has defined the UPC code to be a Global Trade Item Number GTIN-12. Use GTIN12 instead. See also IdentifierFornatType UPC_A for more information. http://www.gs1us.org/

UPC_A

To be deprecated in next version. GS1 US has defined the UPC-A code to be a Global Trade Item Number GTIN-12. Use GTIN12 instead. See also IdentifierFornatType UPC_A for more information. http://www.gs1us.org/

UPC_A_Plus2

The content of barcode UPC-A with a 2 digit add-on.

UPC_A_Plus5

The content of barcode UPC-A with a 5 digit add-on.

UPC_E

To be deprecated in next version. GS1 US has defined it to be a Global Trade Item Number GTIN-12 containing leading zeros. Use GTIN12 instead. See also IdentifierFornatType UPC_E for more information. http://www.gs1us.org/

UPC_E_Plus2

The content of barcode UPC-E with a 2 digit add-on.

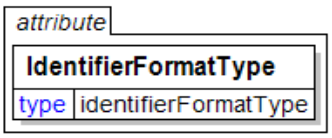
UPC_E_Plus5

The content of barcode UPC-E with a 5 digit add-on.

UPC_ShippingContainer

To be deprecated in next version. It is the same as a GTIN-14. Use enumeration GTIN14 instead.

IdentifierFormatType [attribute]



IdentifierFormatType defines the technical format used to make an IdentifierCodeType readable by technical devices or humans. The IdentifierCodeType specifies how to decode the identifier value

This item is restricted to the following list.

Codabar

CodablockA

CodablockF

Code11

Code16K

Code2/5Beared

Code2/5Industrial

Code2/5Interleaved

Code2/5InterleavedMod10

Code2/5MatrixEurope

Code2/5MatrixJapan

Code2/5Standard

Code39

Code39F.ASCII

Code39Mod43

Code93

Code128Auto-Switching

Code128A

Code128B

Code128C

Code128C(F1Mod10)

Composite

To be deprecated in next version.

Datamatrix

Datamatrix is a two-dimensional matrix barcode consisting of black and white "cells" or modules arranged in either a square or rectangular pattern. The

information to be encoded can be text or numeric data. It can encode up to 3,116 characters from the entire ASCII character set (with extensions). Data Matrix bar code symbology is specified by ISO/IEC 16022:2006 standard.

EAN8

An 8 digit barcode EAN-8 defined by GS1. Earlier referred to as the European Article Number 8 digit barcode. The EAN-8 is used on small packages where the EAN-13 barcode would be too large. It encodes the Global Trade Item Number (GTIN-8) and is also used by retailers to identify own-brand products sold only in their stores. http://www.gs1.org/

EAN8Plus2

An EAN-8 barcode with an additional 2 digit barcode to the right of the main barcode. This second barcode, which is usually not as tall as the primary barcode, is used to encode additional information for newspapers, books, and other periodicals.

EAN8Plus5

An EAN-8 barcode with an additional 5 digit barcode to the right of the main barcode. This second barcode, which is usually not as tall as the primary barcode, is used to encode additional information for newspapers, books, and other periodicals.

EAN13

A 13 digit barcode EAN-8 defined by GS1. Earlier referred to as the European Article Number 13 digit barcode.The EAN-13 is used for marking products often sold at retail point of sale and general distribution. It encodes the Global Trade Item Numbers (GTIN-13). It is used on retail product marking worldwide and by retailers to identify own-brand products sold only in their stores. http://www.gs1.org/

EAN13Plus2

An EAN-13 barcode with an additional 2 digit barcode to the right of the main barcode. This second barcode, which is usually not as tall as the primary barcode, is used to encode additional information for newspapers, books, and other periodicals.

EAN13Plus5

An EAN-13 barcode with an additional 5 digit barcode to the right of the main barcode. This second barcode, which is usually not as tall as the primary barcode, is used to encode additional information for newspapers, books, and other periodicals.

EAN13Plus8

To be deprecated in next version.

EAN128

To be deprecated in next version. GS1 has renamed this barcode to GS1-128. Use enumeration GS1_128 instead.

EPC_GRAI96

A 96-bit encoding of Global Returnable Asset Identifier (GRAI) defined by EPCglobal for use in RFID Tags. It allows for numeric-only serial numbers, without leading zeros, whose value is less than 2^{38} (that is, from 0 through

274,877,906,943, inclusive).
http://www.gs1.org/gsmp/kc/epcglobal/tds/

EPC_GRAI170

A 170-bit encoding of Global Returnable Asset Identifier (GRAI) defined by EPCglobal for use in RFID Tags. It allows for the full range of serial numbers up to 16 alphanumeric characters.
http://www.gs1.org/gsmp/kc/epcglobal/tds/

EPC_SGTIN96

A 96-bit encoding of Serialized Global Trade Item Number (SGTIN) defined by EPCglobal for use in RFID Tags. It allows for numeric-only serial numbers, without leading zeros, whose value is less than 238 (that is, from 0 through 274,877,906,943, inclusive).
http://www.gs1.org/gsmp/kc/epcglobal/tds/

EPC_SGTIN198

A 198-bit encoding of Serialized Global Trade Item Number (SGTIN) defined by EPCglobal for use in RFID Tags. It allows for the full range of serial numbers up to 20 alphanumeric characters.
http://www.gs1.org/gsmp/kc/epcglobal/tds/

EPC_SSCC96

A 96-bit encoding of Serial Shipping Container Code (SSCC) defined by EPCglobal for use in RFID Tags. It allows for the full range of SSCCs as specified in GS1 General Specifications.
http://www.gs1.org/gsmp/kc/epcglobal/tds/

GS1_128

A 48 alphanumeric capacity barcode GS1-128 defined by GS1. Previously referred to as UCC/EAN-128 or EAN-128 barcode. The GS1-128 uses a series of GS1 Application Identifiers to include additional data such as Best Before Date, Batch/Lot Number, Quantity, Weight and many other attributes.
http://www.gs1.org/

HumanReadable

A human readable format is used.

IBM_BC412

IBM_BC412, also known as Binary Code 412, is an alphanumeric symbol with a set of 35 characters, each encoded by a set of 4 bars in 12 module positions. A proprietary IBM symbology since 1988. It is widely used in semiconductor manufacturing. Particularly useful where speed, accuracy, and ease of printing are required.

ITF14

ITF14 is the GS1 implementation of an Interleaved 2 of 5 bar code, also known as Shipping Container Symbol. ITF-14 is used to encode a Global Trade Item Number GTIN-12, GTIN-13 or GTIN-14. ITF-14 symbols are generally used on packaging levels of a product, The ITF-14 will always encode 14 digits. http://www.gs1.org/

Logmars

LOGMARS (Logistics Applications of Automated Marking and Reading Symbols)

is a special application of Code 39 used by the U.S. Department of Defense and is governed by Military Standard MIL-STD-1189B. The Standard defines acceptable ranges for a number of variables, include density, ratio, bar height, and size of the human-readable interpretation line. The Modulus 43 check digit, optional with Code 39, is defined and recommended in the specification. While not required by the general specification, it may be required in specific Department of Defense applications. Be sure to check the requirements for your project or contract.

MicroPDF14

To be deprecated in next version.

PDF417

PDF417 is a stacked linear barcode symbol format. PDF stands for Portable Data File. The 417 signifies that each pattern in the code consists of 4 bars and spaces, and that each pattern is 17 units long. It is used in a variety of applications, primarily transport, identification cards, and inventory management. PDF417 is also selected by the airline industry's Bar Coded Boarding Pass standard (BCBP) as the 2D bar code symbolism for paper boarding passes.

Plessey

Plessey is a 1D linear barcode symbology based on pulse width modulation, developed in 1971 by The Plessey Company plc, a British-based company. It is one of the first barcode symbology and is still used in some rare libraries.

Postnet

POSTNET (Postal Numeric Encoding Technique) is a barcode symbology used by the United States Postal Service to assist in directing mail. The ZIP Code or ZIP+4 code is encoded in half- and full-height bars. Most often, the delivery point is added, usually being the last two digits of the address or PO box number. POSTNET is being replaced by the Intelligent Mail barcode (also known as OneCode Solution), which combines all previous Postal Service barcodes and marking into a single barcode.

QR_Code

QR codes (Quick Response codes) are two-dimensional symbols. The codes have small squares with black and white patterns. A QR code can contain up to 4296 alphanumeric characters. The QR code is defined by ISO/IEC 18004:2006 standard.

RSS

Reduced Space Symbology. GS1 has changed the name to GS1 DataBar due to the potential for confusion with Really Simple Syndication. GS1 DataBar is a family of symbols most commonly seen in the GS1 DataBar Coupon. This family of barcodes include:

- Symbols intended for retail point of sale scanning:
  - GS1 DataBar Omnidirectional
  - GS1 DataBar Stacked Omnidirectional
  - GS1 DataBar Expanded
  - GS1 DataBar Expanded Stacked

- Symbols that are not intended for retail Point-of-Sale scanning:
  - GS1 DataBar Truncated
  - GS1 DataBar Limited
  - GS1 DataBar Stacked

http://www.gs1.org/

TLC39

UPC_A

A 12 digit barcode UPC-A defined by GS1 US. The UPC-A uniquely identifies a product for retail checkout. It encodes the Global Trade Item Number (GTIN-12) and is also used by retailers to identify own-brand products sold only in their stores. UPC-A is primarily used in North America. http://www.gs1us.org/

UPC_A_Plus2

An UPC-A barcode with an additional 2 digit barcode to the right of the main barcode. This second barcode, which is usually not as tall as the primary barcode, is used to encode additional information for newspapers, books, and other periodicals.

UPC_A_Plus5

An UPC-A barcode with an additional 5 digit barcode to the right of the main barcode. This second barcode, which is usually not as tall as the primary barcode, is used to encode additional information for newspapers, books, and other periodicals.

UPC_E

An 8 digit barcode UPC-E defined by GS1 US. The UPC-E is a compressed barcode which is intended for use on small items where the full 12-digit UPC-A may not fit. Compression works by squeezing extra zeros out of the barcode and then automatically re-inserting them at the scanner. Only GTIN-12 containing zeros are candidates for the UPC-E symbol. When reading UPC-E, results are returned as uncompressed GTIN-12. UPC-E is primarily used in North America. http://www.gs1us.org/

UPC_E_Plus2

An UPC-E barcode with an additional 2 digit barcode to the right of the main barcode. This second barcode, which is usually not as tall as the primary barcode, is used to encode additional information for newspapers, books, and other periodicals.

UPC_E_Plus5

An UPC-E barcode with an additional 5 digit barcode to the right of the main barcode. This second barcode, which is usually not as tall as the primary barcode, is used to encode additional information for newspapers, books, and other periodicals.

UCCEAN128SSCC

To be deprecated in next version. The Serial Shipping Container Code (SSCC) is encoded in barcode GS1-128. Use enumeration GS1_128 instead.

UCCEAN128Multi

To be deprecated in next version. Multiple information items can be encoded in barcode GS1-128. Use enumeration GS1_128 instead.

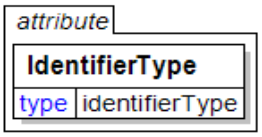
UPC_ShippingContainer

To be deprecated in next version. Use enumeration ITF-14 instead.

Other

IdentifierType [attribute]

This attribute specifies whether the Identifier is the primary way to identify the product or a secondary way. Only one of the given identifiers can be primary. In addition, this attribute also specifies the physical support used to code the identifier (for example, a Radio Frequency (RF) Tag).



This item is restricted to the following list.

Barcode

The physical support used to code the identifier is a bar code.

CorrelationID

Correlation ID

Primary

This article Identifier is the primary identifier used.

RFTag

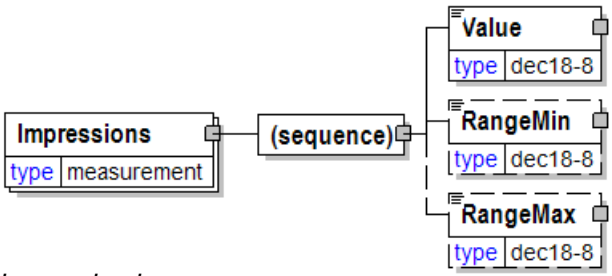
The physical support used to code the identifier is a Radio Frequency Tag.

Secondary

This article Identifier is the secondary identifier used.

Impressions

The work produced by one revolution of the printing cylinder or unit.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

Incoterms [attribute]

The Incoterms consist of a number official international trade terms defined by International Chamber of Commerce (ICC) plus an additional term called Other. Actual trade terms used are depending on the version of the Incoterms. The Incoterms define the responsibilities of buyers and sellers for delivery under a sales contract. They provide definitions for delivery points, loading and unloading obligations, and customs clearance. (http://www.iccwbo.org/incoterms)

This item is restricted to the following list.

CFR

COST AND FREIGHT (... named port of destination)

CIF

COST, INSURANCE AND FREIGHT (... named port of destination).

CIP

CARRIAGE AND INSURANCE PAID TO (... named place of destination).

CPT

CARRIAGE PAID TO (... named place of destination).

DAF

DELIVERED AT FRONTIER (... named place).

DAP

DELIVERED AT PLACE (... named place of destination).

DAT

DELIVERED AT TERMINAL (... named place of destination).

DDP

DELIVERED DUTY PAID (... named place of destination).

DDU

DELIVERED DUTY UNPAID (... named place of destination).

DEQ

DELIVERED EX QUAY (... named port of destination).

DES

DELIVERED EX SHIP (... named port of destination).

EXW

EX WORKS (... named place).

FAS

FREE ALONGSIDE SHIP (... named port of shipment).

FCA

FREE CARRIER (... named place).

FOB

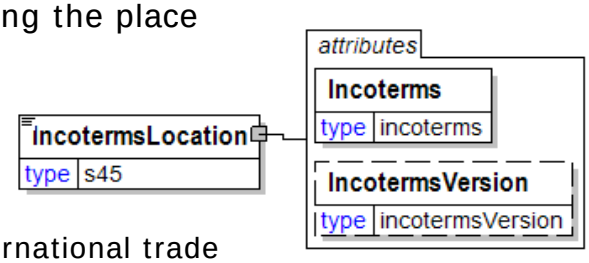
FREE ON BOARD (... named port of shipment).

Other

Used when the situation is not covered by the 13 official Incoterms (for example, CIN used in Switzerland for CIP)

IncotermsLocation

Place linked to terms of delivery showing the place where goods are to be delivered.



Incoterms [attribute]

Incoterms is mandatory. A single instance is required.

The Incoterms consist of 13 official international trade terms plus an additional term called Other. The Incoterms define the responsibilities of buyers and sellers for delivery under a sales contract. They provide definitions for delivery points, loading and unloading obligations, and customs clearance.

Refer to Incoterms definition for any enumerations.

IncotermsVersion [attribute]

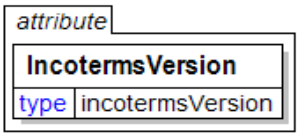
IncotermsVersion is optional. A single instance might exist.

The version of the IncoTerms codes used.

Refer to IncotermsVersion definition for any enumerations.

IncotermsVersion [attribute]

The version of the IncoTerms codes used.



This item is restricted to the following list.

1980

The incoterms definitions provided in 1980.

1990

The incoterms definitions provided in 1990.

2000

The incoterms definitions provided in 2000.

2010

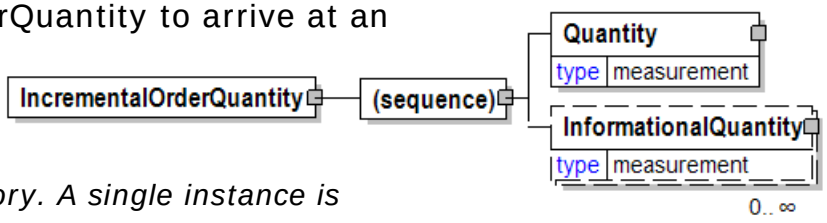
The incoterms definitions provided in 2010

20xx

The next group of incoterms definitions anticipated to be provided in 2020. When they are actually released this list will be updated and “20xx” will be used for the next scheduled release..

IncrementalOrderQuantity

An incremental quantity and units of measure that is added to MinimumOrderQuantity to arrive at an order quantity.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

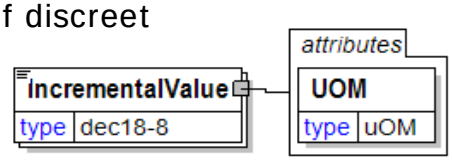
InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

IncrementalValue

Many times paper is produce in BasisWeights of discreet values. This element permits the expression of those increments.



UOM [attribute]

UOM is mandatory. A single instance is required.

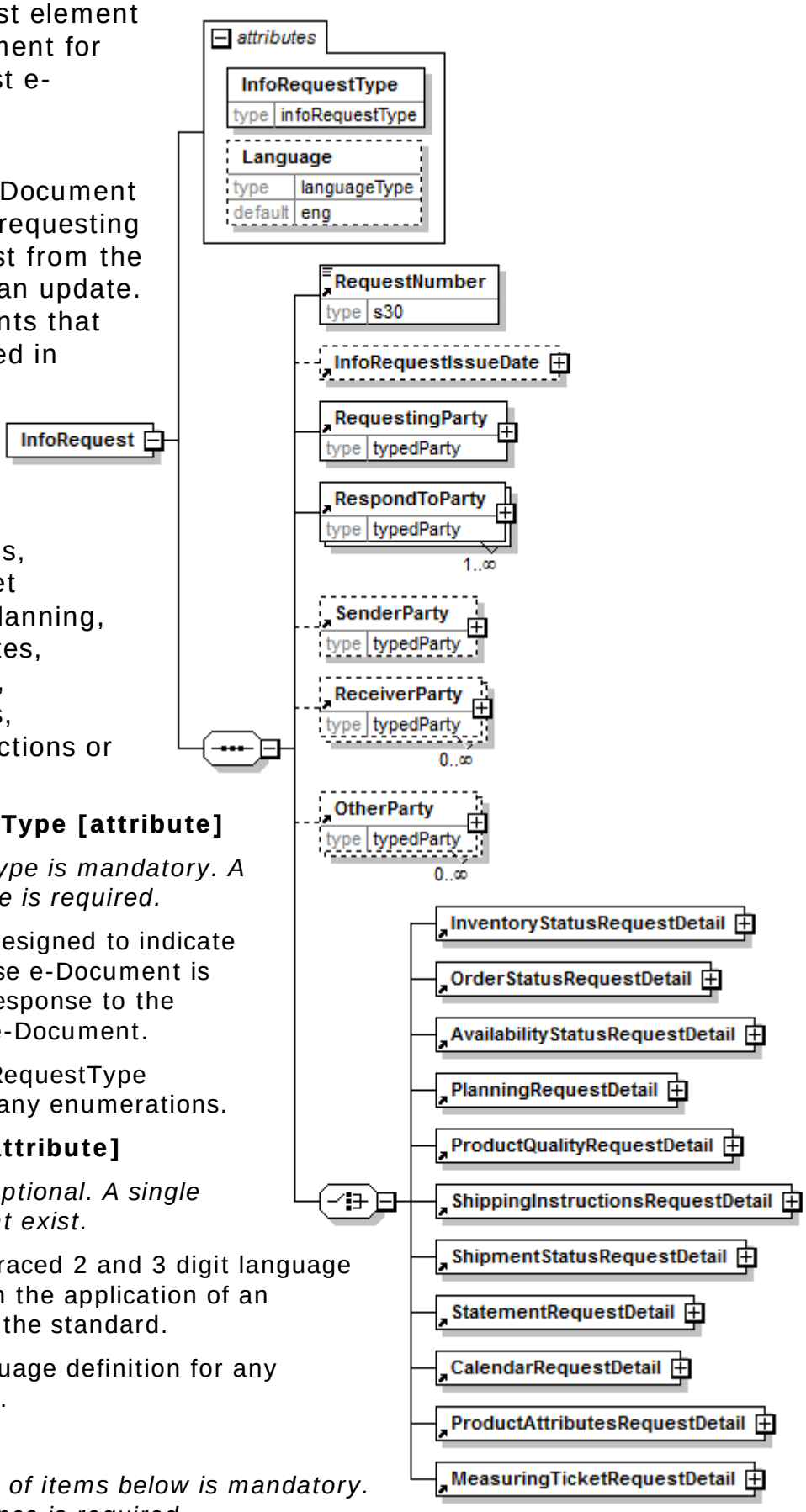
Defines the unit of measure for the value.

Refer to UOM definition for any enumerations.

InfoRequest

The InfoRequest element is the root element for the InfoRequest e-Document.

The purpose of InfoRequest e-Document is to allow the requesting party to request from the receiver party an update. The e-Documents that may be returned in response to an InfoRequest are the Availability, Calendar, InventoryStatus, MeasuringTicket OrderStatus, Planning, ProductAttributes, ProductQuality, ShipmenStatus, ShippingInstructions or Statement.



InfoRequestType [attribute]

InfoRequestType is mandatory. A single instance is required.

An attribute designed to indicate which response e-Document is expected in response to the InfoRequest e-Document.

Refer to InfoRequestType definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

RequestNumber

RequestNumber is mandatory. A single instance is required.

A unique tracking number specifically identifying the InfoRequest e-Document to the originator. The tracking number is returned with the “information”, the answer, to help match the answer to the request.

InfoRequestIssueDate

InfoRequestIssueDate is optional. A single instance might exist.

The date and time when InfoRequest e-Document was issued.

RequestingParty

RequestingParty is mandatory. A single instance is required.

The party requesting the information.

RespondToParty

RespondToParty is mandatory. One instance is required, multiple instances might exist.

The party the document should be responded to.

SenderParty

SenderParty is optional. A single instance might exist.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is optional. Multiple instances might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

(choice)

Choice is mandatory. A single instance is required.

InventoryStatusRequestDetail

InventoryStatusRequestDetail is optional because of choice construct.

A grouping element that provides the parameters to be used when responding with an InventoryStatus e-Document.

OrderStatusRequestDetail

OrderStatusRequestDetail is optional because of choice construct.

A grouping element that provides the parameters to be used when responding

with an OrderStatus e-Document.

AvailabilityStatusRequestDetail

AvailabilityStatusRequestDetail is optional because of choice construct.

A grouping element that provides the parameters to be used when responding with an Availability e-Document.

PlanningRequestDetail

PlanningRequestDetail is optional because of choice construct.

A grouping element that provides the parameters to be used when responding with a Planning e-Document.

ProductQualityRequestDetail

ProductQualityRequestDetail is optional because of choice construct.

A grouping element that provides the parameters to be used when responding with a ProductQuality e-Document.

ShippingInstructionsRequestDetail

ShippingInstructionsRequestDetail is optional because of choice construct.

A grouping element that provides the parameters to be used when responding with a ShippingInstructions e-Document.

ShipmentStatusRequestDetail

ShipmentStatusRequestDetail is optional because of choice construct.

A grouping element that provides the parameters to be used when responding with a ShipmentStatus e-Document.

StatementRequestDetail

StatementRequestDetail is optional because of choice construct.

A grouping element that provides the parameters to be used when responding with a Statement e-Document.

CalendarRequestDetail

CalendarRequestDetail is optional because of choice construct.

A grouping element that provides the parameters to be used when responding with a Calendar e-Document.

ProductAttributesRequestDetail

ProductAttributesRequestDetail is optional because of choice construct.

A grouping element that provides the parameters to be used when responding with a ProductAttributes e-Document.

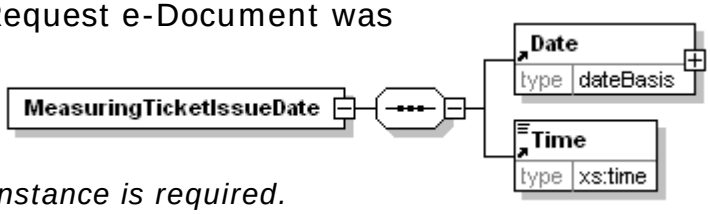
MeasuringTicketRequestDetail

MeasuringTicketRequestDetail is optional because of choice construct.

A grouping element that provides the parameters to be used when responding with a MeasuringTicket e-Document.

InfoRequestIssueDate

The date and time when InfoRequest e-Document was issued.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is mandatory. A single instance is required.

Times are treated in a standard XML fashion with a special case used to indicate a generalized "local" time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use "Z" when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

InfoRequestType [attribute]

An attribute designed to indicate which response e-Document is expected in response to the InfoRequest e-Document.



This item is restricted to the following list.

Availability

The sender is requesting Availability information.

Calendar

The sender is requesting Calendar information.

InventoryStatus

The sender is requesting InventoryStatus information.

MeasuringTicket

The sender is requesting MeasuringTicket information.

OrderStatus

The sender is requesting OrderStatus information.

Planning

The sender is requesting Planning information.

ProductAttributes

The sender is requesting ProductAttributes information.

ProductQuality

The sender is requesting ProductQuality information.

ShipmentStatus

The sender is requesting ShipmentStatus information.

ShippingInstructions

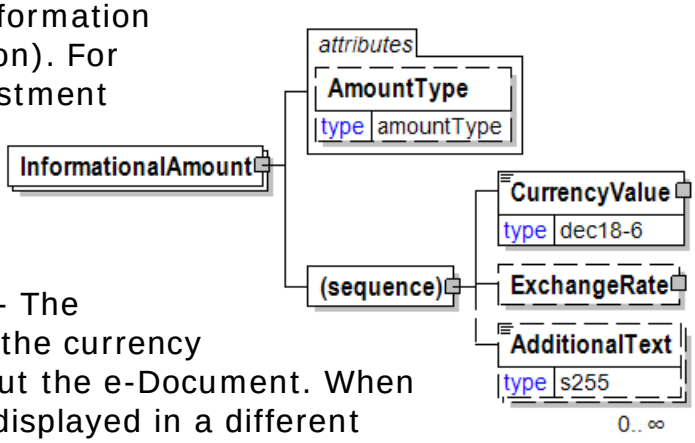
The sender is requesting ShippingInstructions information.

Statement

The sender is requesting a Statement.

InformationalAmount

A monetary amount used for information purposes only (not for calculation). For example, the invoice price adjustment subtotal is expressed in sterling pounds, and the buyer wants this information expressed in U.S. dollars.



CreditDebitNote and Invoice - The TaxAmount is displayed in the currency that is applicable throughout the e-Document. When a TaxAmount needs to be displayed in a different national currency, this field is used.

AmountType [attribute]

AmountType is optional. A single instance might exist.

Defines the type of amount.

Refer to AmountType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

CurrencyValue

CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

ExchangeRate

ExchangeRate is optional. A single instance might exist.

The exchange rate as of the date included in the element.

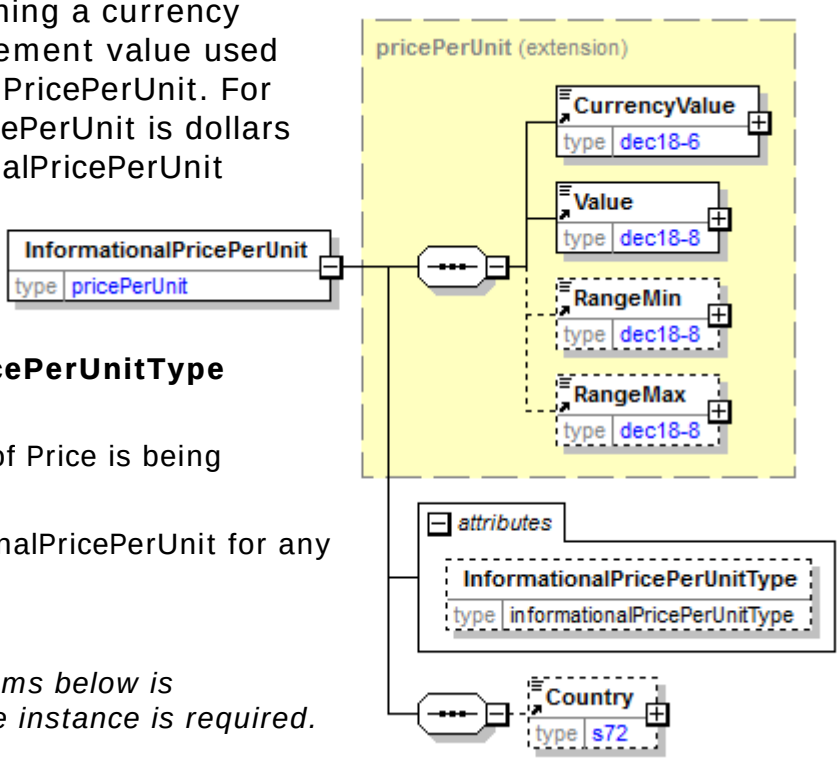
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

InformationalPricePerUnit

A group item containing a currency value and a measurement value used convey a secondary PricePerUnit. For example, where PricePerUnit is dollars per ton. InformationalPricePerUnit could be dollars per kilogram.



InformationalPricePerUnitType [attribute]

Defines what type of Price is being supplied.

Refer to InformationalPricePerUnit for any enumerations

(sequence)

The sequence of items below is mandatory. A single instance is required.

CurrencyValue

CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

(sequence)

The sequence of items below is mandatory. A single instance is required.

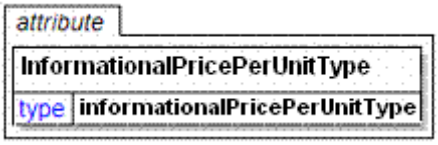
Country

Country is optional. A single instance might exist.

The name of the country associated with the address elements. To ensure reliable matching of addresses, it is suggested to use the attribute ISOCountryCode as well.

InformationalPricePerUnitType [attribute]

Defines what type of Price is being supplied.



This item is restricted to the following list.

AlternatePrice

Alternate price calculated by the Buyer.

CoverPrice

Price that appears on the cover of a book.

ProductPrice

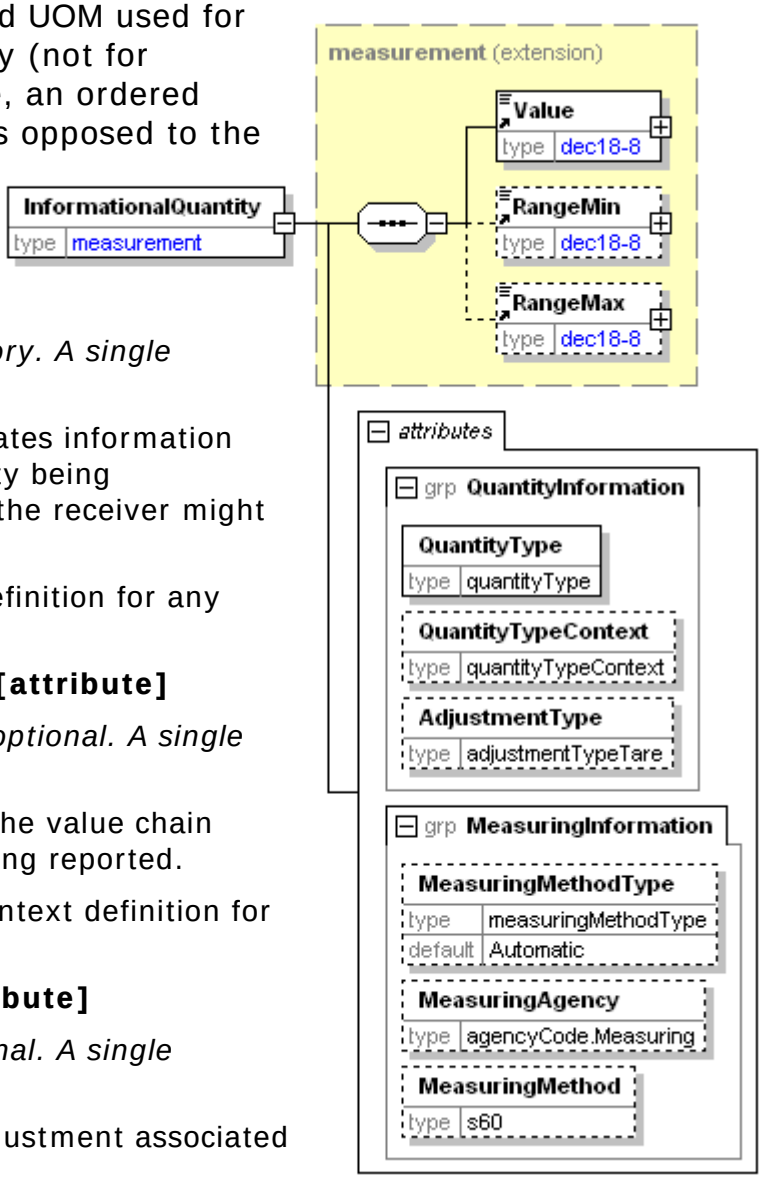
Price for the product specified in the Product element in the e-Document.

ProductionPrice

Price calculated by the Buyer's Production department.

InformationalQuantity

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.



QuantityType [attribute]

QuantityType is mandatory. A single instance is required.

QuantityType communicates information about the type of quantity being communicated and how the receiver might use the information.

Refer to QuantityType definition for any enumerations.

QuantityTypeContext [attribute]

QuantityTypeContext is optional. A single instance might exist.

Provides the location in the value chain where the quantity is being reported.

Refer to QuantityTypeContext definition for any enumerations.

AdjustmentType [attribute]

AdjustmentType is optional. A single instance might exist.

Describes the type of adjustment associated with a quantity.

Refer to AdjustmentType definition for any enumerations.

MeasuringMethodType [attribute]

MeasuringMethodType is optional. A single instance might exist.

Specifies how a measurement value is created.

Refer to MeasuringMethodType definition for any enumerations.

MeasuringAgency [attribute]

MeasuringAgency is optional. A single instance might exist.

The agency defining measuring methods.

Refer to MeasuringAgency definition for any enumerations.

MeasuringMethod [attribute]

MeasuringMethod is optional. A single instance might exist.

The method used to determine how the item under consideration is measured.Measuring methods are defined by the measuring agency.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

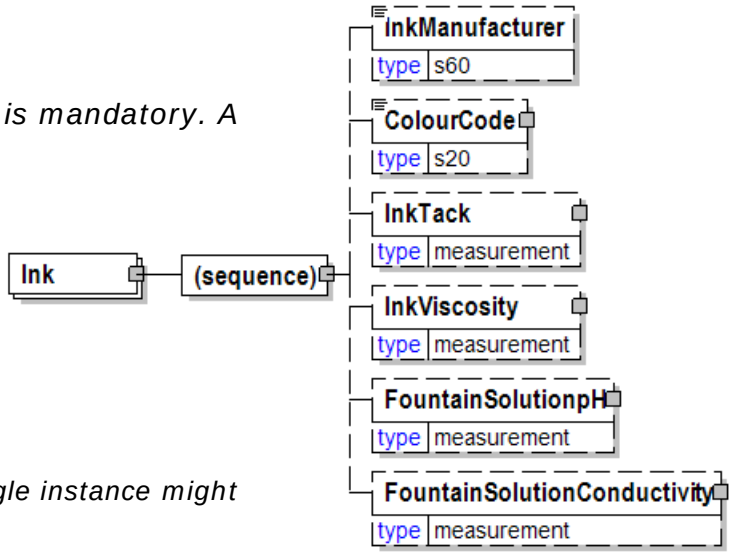
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

Ink

A grouping element that describes the ink used in the process.



(sequence)

The sequence of items below is mandatory. A single instance is required.

InkManufacturer

InkManufacturer is optional. A single instance might exist.

Company that produced the ink used in the job.

ColourCode

ColourCode is optional. A single instance might exist.

A code indicating the colour.

InkTack

InkTack is optional. A single instance might exist.

The stickiness of the ink.

InkViscosity

InkViscosity is optional. A single instance might exist.

The measured thickness of the ink.

FountainSolutionpH

FountainSolutionpH is optional. A single instance might exist.

Measurement of the acidic properties of the fountain solution.

FountainSolutionConductivity

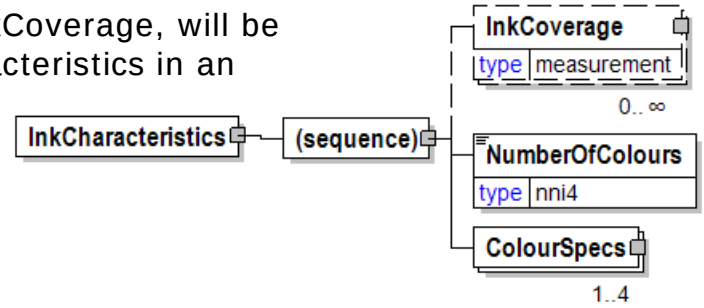
FountainSolutionConductivity is optional. A single instance might exist.

Electrical measure of fountain solution measured in micro – siemens.

InkCharacteristics

The ink characteristics.

Note: The child element, InkCoverage, will be deprecated from InkCharacteristics in an upcoming version. Use the instance of InkCoverage found in ColourSpecs.



(sequence)

The sequence of items below is mandatory. A single instance is required.

InkCoverage

InkCoverage is optional. Multiple instances might exist.

Ink coverage

NumberOfColours

NumberOfColours is mandatory. A single instance is required.

The number of colours

ColourSpecs

ColourSpecs is mandatory.

Colour specs

InkCoverage

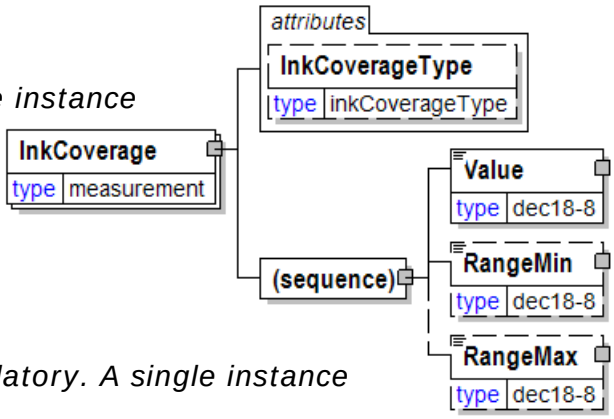
Ink coverage

InkCoverageType [attribute]

InkCoverageType is optional. A single instance might exist.

Ink coverage type

Refer to InkCoverageType definition for any enumerations.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

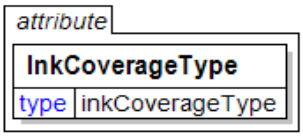
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

InkCoverageType [attribute]

Ink coverage type



This item is restricted to the following list.

AcrossFlap

FullBackground

Illustrations

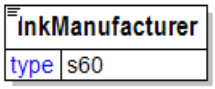
InkDelivery

The delivery mechanism used in the printing process.



InkManufacturer

Company that produced the ink used in the job.

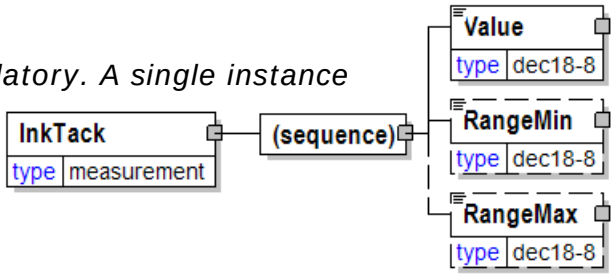


InkTack

The stickiness of the ink.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

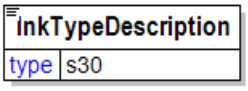
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

InkTypeDescription

Ink type description

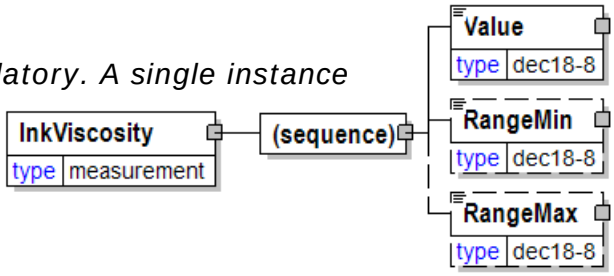


InkViscosity

The measured thickness of the ink.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

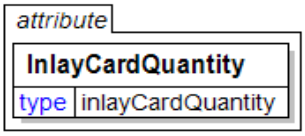
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

InlayCardQuantity [attribute]

Inlay card quantity



This item is restricted to the following list.

0

There are zero inlay cards.

1

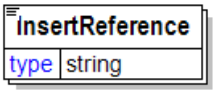
There is one inlay card.

2

There are two inlay cards.

InsertReference

Insert reference



InstructionByType [attribute]

Provides the type for how goods are identified on group level when instructed for loading or delivery.



This item is restricted to the following list.

ByMillOrder

Goods are identified on group level by mill order and mill order line item.

ByProduct

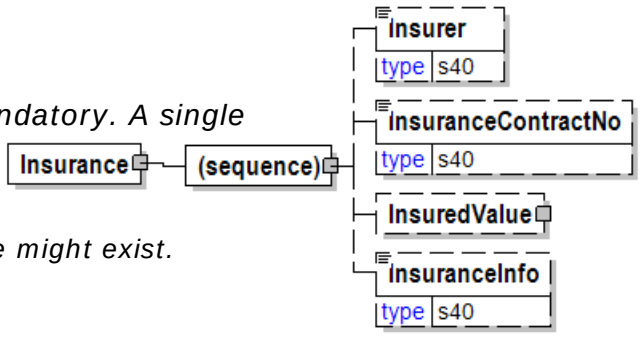
Goods are identified on group level by a product specification with all required product details.

ByPurchaseOrder

Goods are identified on group level by PurchaseOrder and PurchaseOrder line item.

Insurance

Group element containing information about insurance



(sequence)

The sequence of items below is mandatory. A single instance is required.

Insurer

Insurer is optional. A single instance might exist.

Name of the insurer

InsuranceContractNo

InsuranceContractNo is optional. A single instance might exist.

Insurance contract number

InsuredValue

InsuredValue is optional. A single instance might exist.

The amount the goods are insured for.

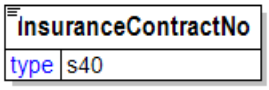
InsuranceInfo

InsuranceInfo is optional. A single instance might exist.

Any addition information about the insurance

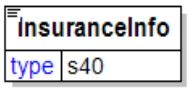
InsuranceContractNo

Insurance contract number



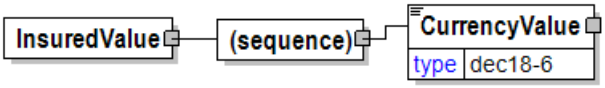
InsuranceInfo

Any addition information about the insurance



InsuredValue

The amount the goods are insured for.



(sequence)

The sequence of items below is mandatory. A single instance is required.

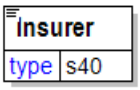
CurrencyValue

CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

Insurer

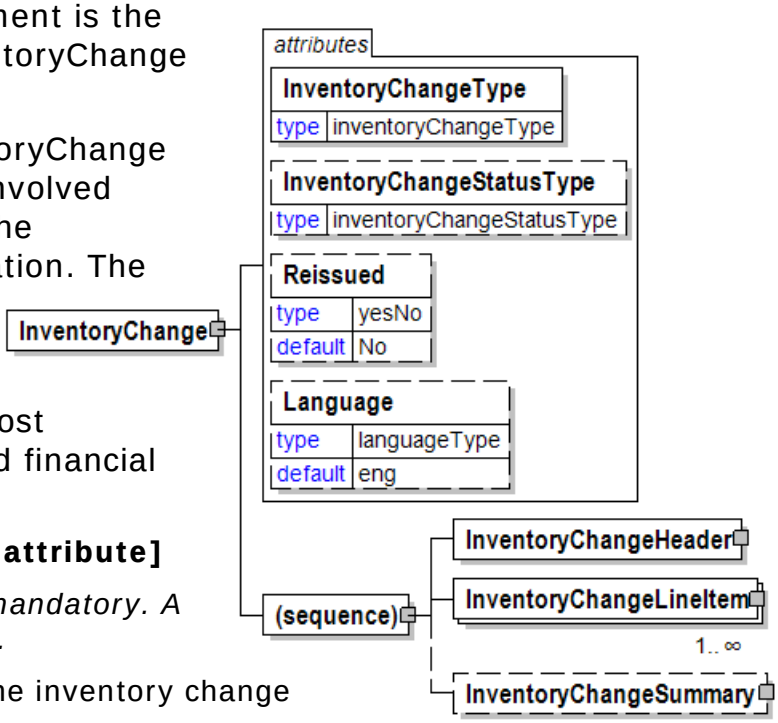
Name of the insurer



InventoryChange

The InventoryChange element is the root element for the InventoryChange e-Document.

The purpose of the InventoryChange e-Document is to inform involved parties about changes in the inventory at a specific location. The e-Document provides information allowing the receiving party to update their systems for cost tracking, performance, and financial reporting.



InventoryChangeType [attribute]

InventoryChangeType is mandatory. A single instance is required.

Identifies the reason for the inventory change

Refer to InventoryChangeType definition for any enumerations.

InventoryChangeStatusType [attribute]

InventoryChangeStatusType is optional. A single instance might exist.

Defines the status of the entire InventoryChange e-Document at root level

Refer to InventoryChangeStatusType definition for any enumerations.

Reissued [attribute]

Reissued is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Reissued definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

InventoryChangeHeader

InventoryChangeHeader is mandatory. A single instance is required.

Common information that applies to the entire InventoryChange e-Document.

InventoryChangeLineItem

InventoryChangeLineItem is mandatory. One instance is required, multiple instances might exist.

The detail information for a given InventoryChange item.

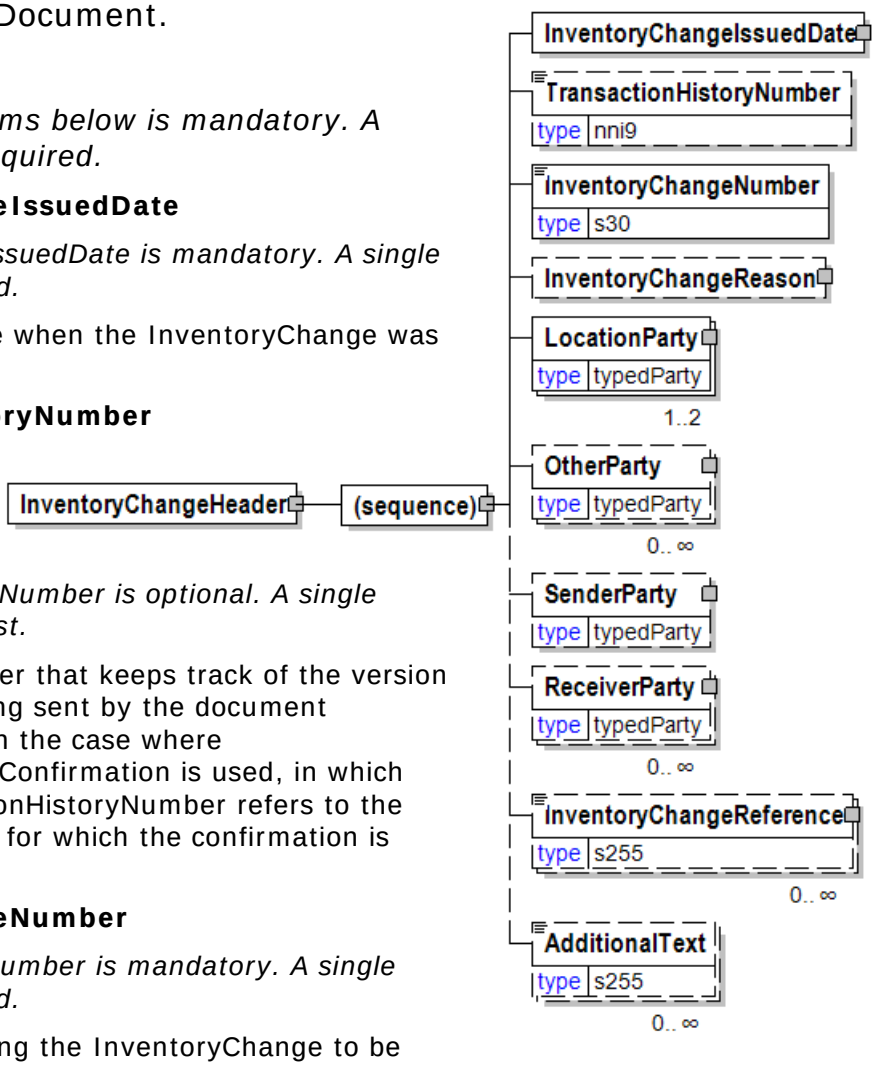
InventoryChangeSummary

InventoryChangeSummary is optional. A single instance might exist.

Summary information that applies to the entire InventoryChange e-Document.

InventoryChangeHeader

Common information that applies to the entire InventoryChange e-Document.



(sequence)

The sequence of items below is mandatory. A single instance is required.

InventoryChangeIssuedDate

InventoryChangeIssuedDate is mandatory. A single instance is required.

The Date and Time when the InventoryChange was issued.

TransactionHistoryNumber

TransactionHistoryNumber is optional. A single instance might exist.

A sequential number that keeps track of the version of a document being sent by the document originator except in the case where TransactionHistoryConfirmation is used, in which case the TransactionHistoryNumber refers to the trigger transaction for which the confirmation is being sent.

InventoryChangeNumber

InventoryChangeNumber is mandatory. A single instance is required.

An identifier allowing the InventoryChange to be uniquely identified.

InventoryChangeReason

InventoryChangeReason is optional. A single instance might exist.

The reason for the inventory change.

LocationParty

LocationParty is mandatory.

The organization or business entity where the business event took place or will take place.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

SenderParty

SenderParty is optional. A single instance might exist.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is optional. Multiple instances might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

InventoryChangeReference

InventoryChangeReference is optional. Multiple instances might exist.

An element detailing relevant references (such as contract number) pertaining to the InventoryChange, identified by InventoryChangeReferenceType.

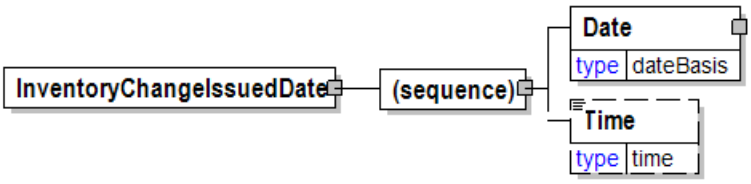
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

InventoryChangeIssuedDate

The Date and Time when the InventoryChange was issued.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time

Coordinate (UTC), a.k.a. Greenwich Mean Time.

hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

InventoryChangeLineItem

The detail information for a given InventoryChange item.

(sequence)

The sequence of items below is mandatory. A single instance is required.

InventoryChangeLineItemNumber

InventoryChangeLineItemNumber is mandatory. A single instance is required.

An identifier for the InventoryChangeLineItem.

(sequence)

The sequence of items below is optional. A single instance might exist.

PurchaseOrderInformation

PurchaseOrderInformation is mandatory. A single instance is required.

A group item containing information unique to this



PurchaseOrder, which is provided by the buyer. PurchaseOrderInformation can be optional in the supply chain. Invoices are created without having a PurchaseOrder in Vendor Managed Inventory. Freight invoices also will not have a PurchaseOrder number.

PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber is optional. A single instance might exist.

The sequential number that uniquely identifies the PurchaseOrder line item.

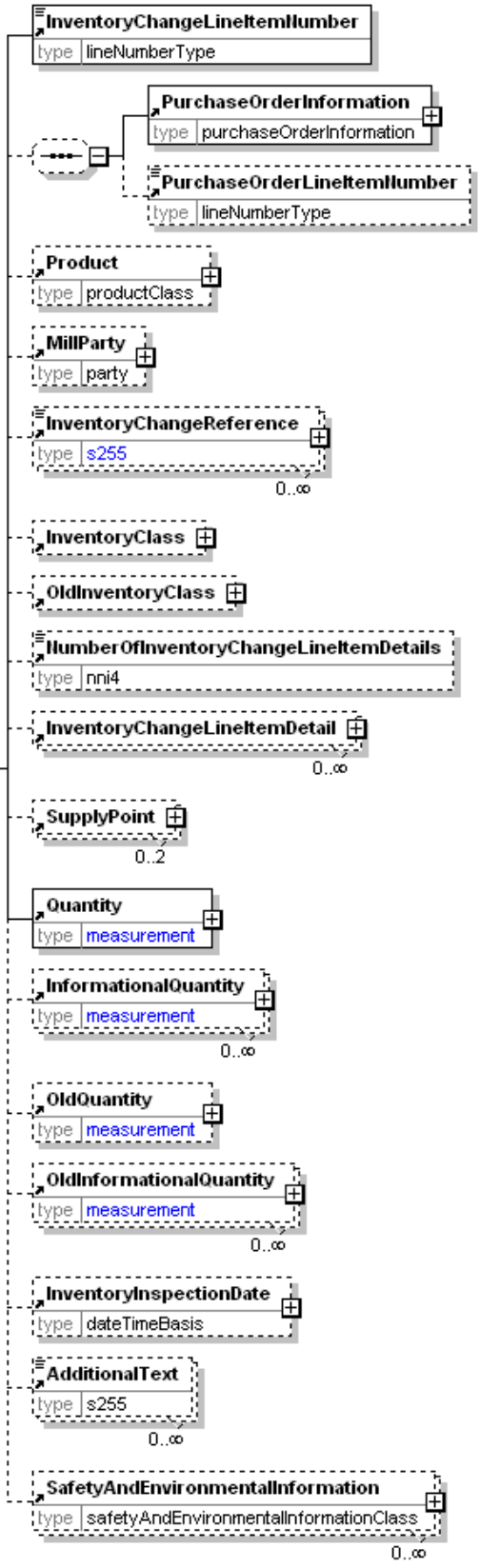
Product

Product is optional. A single instance might exist.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

MillParty

MillParty is optional. A single instance might exist.



The organisation or business entity that actually produces the product.

InventoryChangeReference

InventoryChangeReference is optional. Multiple instances might exist.

An element detailing relevant references (such as contract number) pertaining to the InventoryChange, identified by InventoryChangeReferenceType.

InventoryClass

InventoryClass is optional. A single instance might exist.

A group item containing information about status of inventory and goods items.

OldInventoryClass

OldInventoryClass is optional. A single instance might exist.

A group item containing information about what the InventoryClass was prior to the event described taking place.

NumberOfInventory ChangeLineItemDetails

NumberOfInventor yChangeLineItemDetails is optional. A single instance might exist.

The number of InventoryChangeLineItemDetail elements included in the InventoryChangeLineItem.

InventoryChangeLineItemDetail

InventoryChangeLineItemDetail is optional. Multiple instances might exist.

Unit level details associated with the InventoryChange.

SupplyPoint

SupplyPoint is optional. Two instances might exist.

Grouping element that contains items describing a supply point. A SupplyPoint belongs to a LocationParty, e.g. in a DeliveryOrigin or DeliveryDestination, and describes where goods are stored and can be loaded or unloaded. A SupplyPoint can for example be a loading or unloading gate at a warehouse or a road side landing at a logging area in the forest.

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

OldQuantity

OldQuantity is optional. A single instance might exist.

What the Quantity was prior to the event described taking place

OldInformationalQuantity

OldInformationalQuantity is optional. Multiple instances might exist.

What the InformationalQuantity was prior to the event described taking place.

InventoryInspectionDate

InventoryInspectionDate is optional. A single instance might exist.

The physical inspection Date and Time of inventory.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

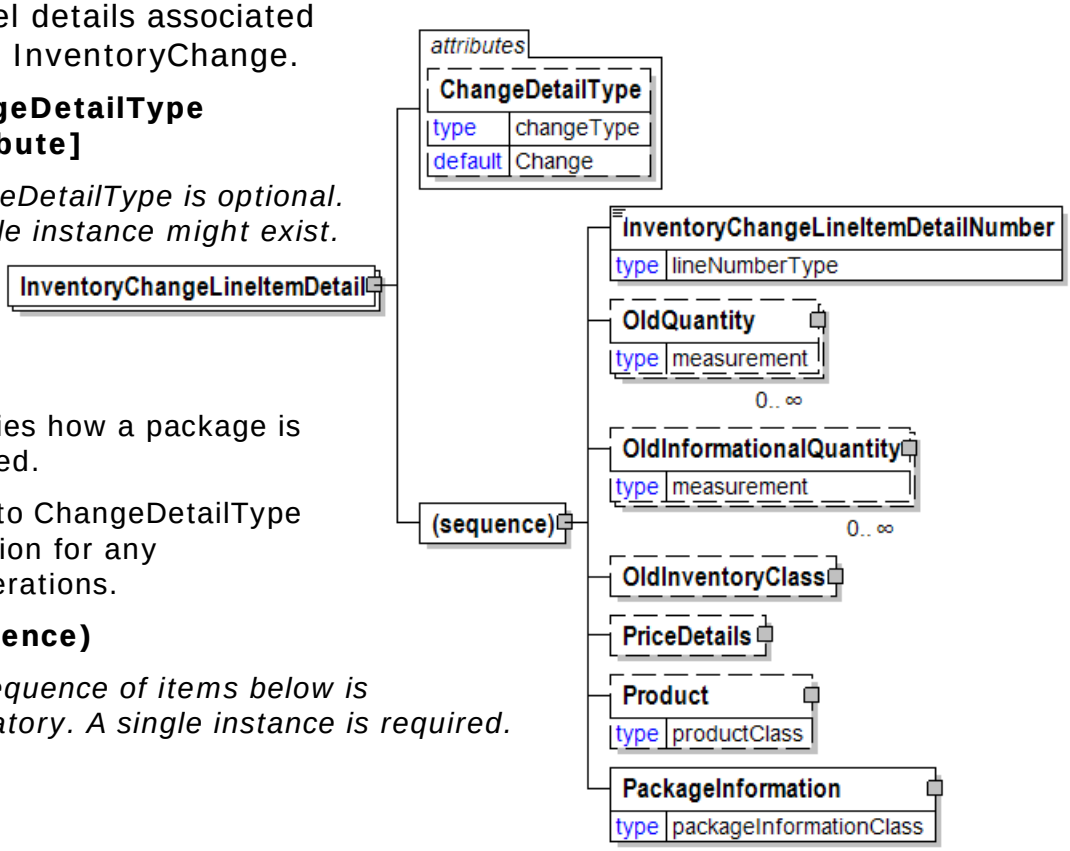
Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency).

InventoryChangeLineItemDetail

Unit level details associated with the InventoryChange.

ChangeDetailType [attribute]

ChangeDetailType is optional. A single instance might exist.



Specifies how a package is changed.

Refer to ChangeDetailType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

InventoryChangeLineItemDetailNumber

InventoryChangeLineItemDetailNumber is mandatory. A single instance is required.

An identifier allowing the line item to be uniquely identified.

OldQuantity

OldQuantity is optional. Multiple instances might exist.

What the Quantity was prior to the event described taking place

OldInformationalQuantity

OldInformationalQuantity is optional. Multiple instances might exist.

What the InformationalQuantity was prior to the event described taking place.

OldInventoryClass

OldInventoryClass is optional. A single instance might exist.

A group item containing information about what the InventoryClass was prior to the event described taking place.

PriceDetails

PriceDetails is optional. A single instance might exist.

An element that groups together price information.

Product

Product is optional. A single instance might exist.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

PackageInformation

PackageInformation is mandatory. A single instance is required.

The purpose of the PackageInformation structure is to clearly identify physical handling items that constitute the delivery.

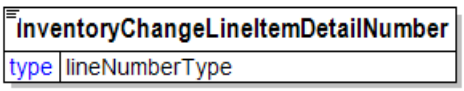
PackageInformation is the highest level of product packaging it describes the shipping or warehousing unit.

- If you are communicating a package, usually for logistics or transport purposes, you should include the PackageType, Identifier, ItemCount, and Quantity. (Note: you still have the ability to describe the item with one of the “named” items.)
- If you are communicating one of the named Items there is no need to include PackageType, Identifier, ItemCount, and Quantity.

Since either of these two approaches can be used the entie contents of this element are optional even though the parent may be required. It is expected that you will fill in the appropriate details.

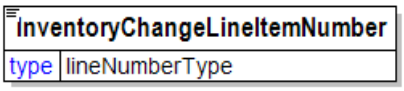
InventoryChangeLineItemDetailNumber

An identifier allowing the line item to be uniquely identified.



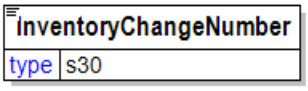
InventoryChangeLineItemNumber

An identifier for the InventoryChangeLineItem.



InventoryChangeNumber

An identifier allowing the InventoryChange to be uniquely identified.

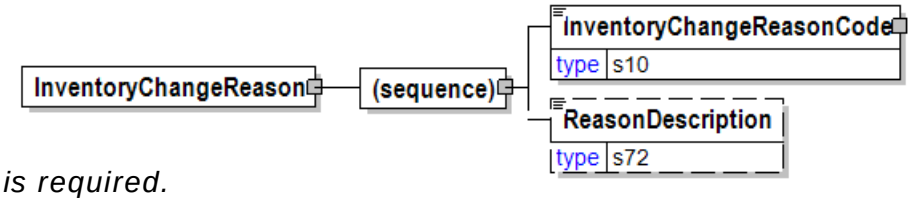


InventoryChangeReason

The reason for the inventory change.

(sequence)

The sequence of items below is mandatory.
A single instance is required.



InventoryChangeReasonCode

InventoryChangeReasonCode is mandatory. A single instance is required.

A code representing the reason for the inventory change, identified by Agency.

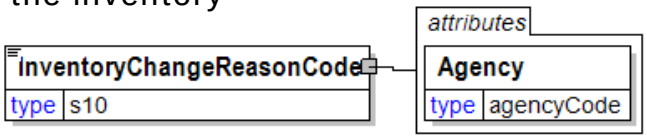
ReasonDescription

ReasonDescription is optional. A single instance might exist.

Text associated with a particular ReasonIdentifier

InventoryChangeReasonCode

A code representing the reason for the inventory change, identified by Agency.



Agency [attribute]

Agency is mandatory. A single instance is required.

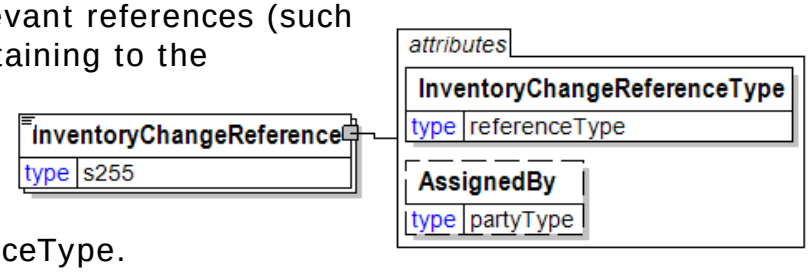
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

InventoryChangeReference

An element detailing relevant references (such as contract number) pertaining to the InventoryChange, identified by



InventoryChangeReferenceType.

InventoryChangeReferenceType [attribute]

InventoryChangeReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to InventoryChangeReferenceType definition for any enumerations.

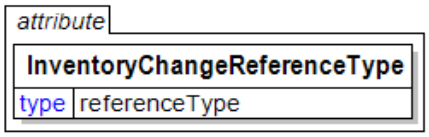
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

InventoryChangeReferenceType [attribute]



Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

InventoryChangeStatusType [attribute]

Defines the status of the entire InventoryChange e-Document at root level



This item is restricted to the following list.

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

Original

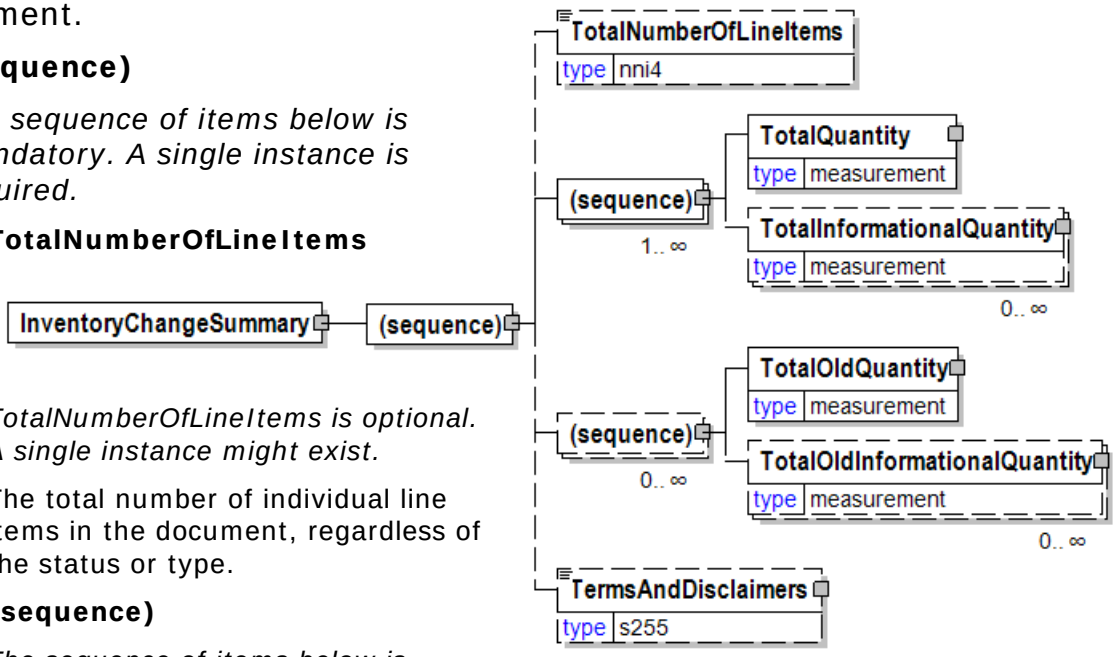
The supplied information is the first version of that information.

Replaced

The supplied information is replacing earlier supplied information. The receiver should revalidate the information in their system based upon the entire information received.

InventoryChangeSummary

Summary information that applies to the entire InventoryChange e-Document.



(sequence)

The sequence of items below is mandatory. A single instance is required.

TotalNumberOfLineItems

TotalNumberOfLineItems is optional. A single instance might exist.

The total number of individual line items in the document, regardless of the status or type.

(sequence)

The sequence of items below is mandatory. One instance is required, multiple instances might exist.

TotalQuantity

TotalQuantity is mandatory. A single instance is required.

The total quantity of similar items in the e-Document. TotalQuantity is primarily used in the summary section of documents where it is repeatable to permit totaling for different units of measure.

TotalInformationalQuantity

TotalInformationalQuantity is optional. Multiple instances might exist.

A quantity that is used to communicate related information about the parent element. This element represents a total that is derived from individual line items.

(sequence)

The sequence of items below is optional. Multiple instances might exist.

TotalOldQuantity

TotalOldQuantity is mandatory. A single instance is required.

A summary of the OldQuantity in the document. TotalOldQuantity uses the

QuantityInformation attribute group and the Measurement group (element grouping).

TotalOldInformationalQuantity

TotalOldInformationalQuantity is optional. Multiple instances might exist.

A summary of the OldInformationQuantity in the document.

TotalOldInformationalQuantity uses the QuantityInformation attribute group and the Measurement group (element grouping).

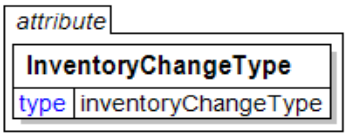
TermsAndDisclaimers

TermsAndDisclaimers is optional. A single instance might exist.

An element that contains legal information with an indication of what the Language is.

InventoryChangeType [attribute]

Identifies the reason for the inventory change



This item is restricted to the following list.

Buy

The material has been purchased

Classification

The inventory change is due to a change in classification

Conversion

InventoryTransfer

The material has been transferred

LocationTransfer

The material has been moved

OwnershipTransfer

The party owning the material is being changed.

QualityReject

The change is due to rejection.

Rewrapping

The material has been rewrapped

Sell

The material has been sold

SiteDamage

Damage has taken place at the storage site.

StockCount

TransitDamage

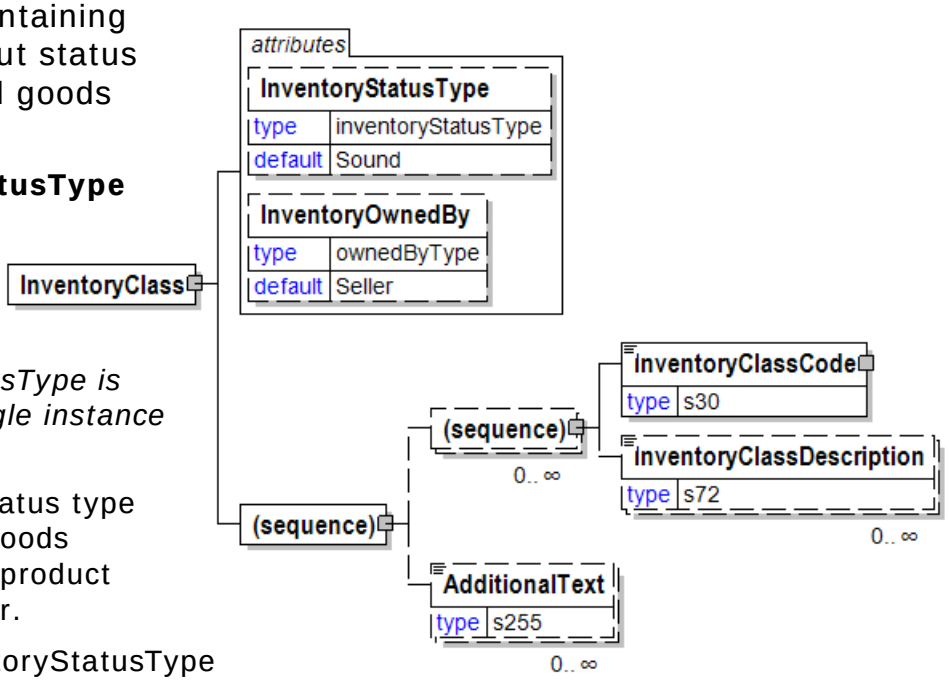
Damage has taken place in transit.

Waste

The quantity is being changed due to spoilage or waste of material.

InventoryClass

A group item containing information about status of inventory and goods items.



InventoryStatusType [attribute]

InventoryStatusType is optional. A single instance might exist.

Provides the status type for inventory/goods belonging to a product and/or an order.

Refer to InventoryStatusType definition for any enumerations.

InventoryOwnedBy [attribute]

InventoryOwnedBy is optional. A single instance might exist.

Specifies who is the owner of the inventory/goods.

Refer to InventoryOwnedBy definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

(sequence)

The sequence of items below is optional. Multiple instances might exist.

InventoryClassCode

InventoryClassCode is mandatory. A single instance is required.

A code specifying the inventory and goods status. Classification of statuses can be done on multiple levels indicated by InventoryClassLevel.

InventoryClassDescription

InventoryClassDescription is optional. Multiple instances might exist.

A description of the inventory class.

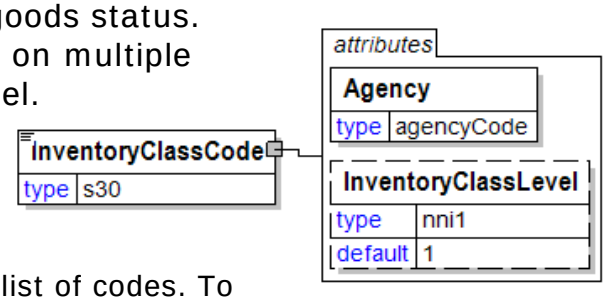
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

InventoryClassCode

A code specifying the inventory and goods status. Classification of statuses can be done on multiple levels indicated by InventoryClassLevel.



Agency [attribute]

Agency is mandatory. A single instance is required.

Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

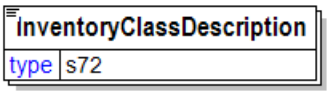
InventoryClassLevel [attribute]

InventoryClassLevel is optional. A single instance might exist.

The sequential number that uniquely identifies the level of stacked Inventory Class Codes. E.g. On level 1 “Damaged” can be given as an inventory class code while details on damages can be specified with inventory class codes on level 2.

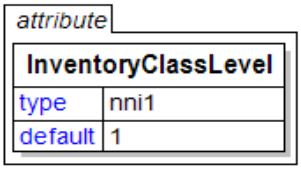
InventoryClassDescription

A description of the inventory class.



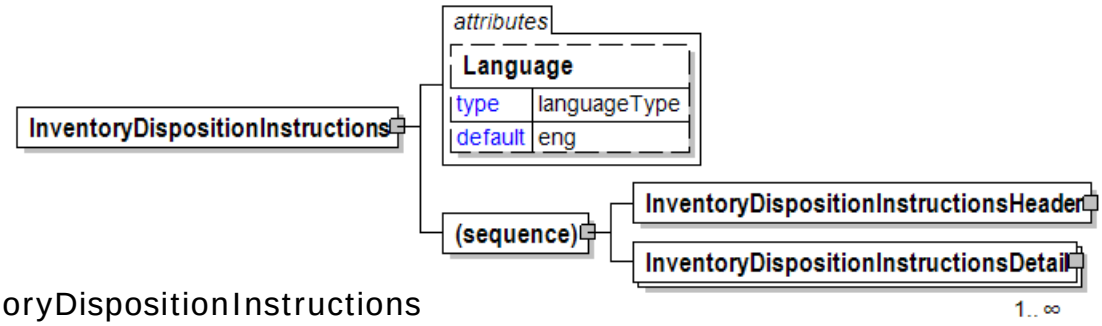
InventoryClassLevel [attribute]

The sequential number that uniquely identifies the level of stacked Inventory Class Codes. E.g. On level 1 “Damaged” can be given as an inventory class code while details on damages can be specified with inventory class codes on level 2.



InventoryDispositionInstructions

The



InventoryDispositionInstructions element is the root element for the InventoryDispositionInstructions e-Document.

The InventoryDispositionInstructions e-Document permits the owner of inventory stored at a third party location to request the inventory be destroyed, shipped to another location, held in inventory, or physically changed. The receiving party makes the requested changes to the inventory and sends an InventoryChange and ShippingInstructions, if required, to the requestor so their systems can be updated.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

InventoryDispositionInstructionsHeader

InventoryDispositionInstructionsHeader is mandatory. A single instance is required.

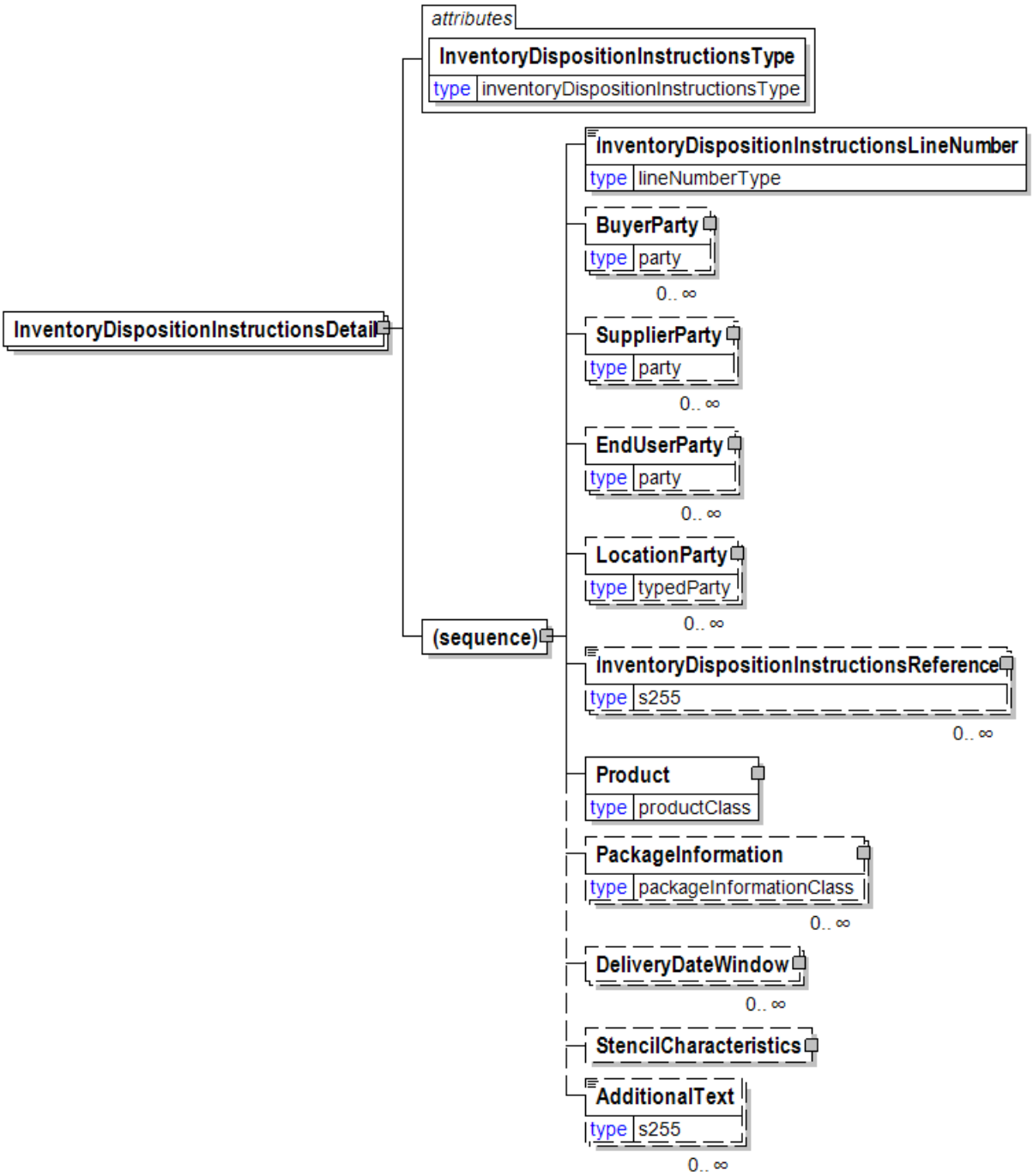
Provides information that is common for the instructions on how to dispose of problematic inventory.

InventoryDispositionInstructionsDetail

InventoryDispositionInstructionsDetail is mandatory. One instance is required, multiple instances might exist.

InventoryDispositionInstructionsDetail provides information about the product to be disposed of and the method of disposal.

InventoryDispositionInstructionsDetail



InventoryDispositionInstructionsDetail provides information about the product to be disposed of and the method of disposal.

InventoryDispositionInstructionsType [attribute]

InventoryDispositionInstructionsType is mandatory. A single instance is required.

Indicates the type of inventory disposition that is required. As this attribute is at the line level multiple dispositions can be communicated in a single e-Document.

Refer to InventoryDispositionInstructionsType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

InventoryDispositionInstructionsLineNumber

InventoryDispositionInstructionsLineNumber is mandatory. A single instance is required.

The sequential number that uniquely identifies the InventoryDispositionInstructions line item.

BuyerParty

BuyerParty is optional. Multiple instances might exist.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

SupplierParty

SupplierParty is optional. Multiple instances might exist.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

EndUserParty

EndUserParty is optional. Multiple instances might exist.

The party using, consuming, or converting the product. For example, a printer using paper reels for a print job for a publisher. The final ShipTo destination for a product is normally to the end user's facilities.

LocationParty

LocationParty is optional. Multiple instances might exist.

The organization or business entity where the business event took place or will take place.

InventoryDispositionInstructionsReference

InventoryDispositionInstructionsReference is optional. Multiple instances might exist.

Contains references that pertain to the InventoryDispositionInstructions e-Document.

Product

Product is mandatory. A single instance is required.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

PackageInformation

PackageInformation is optional. Multiple instances might exist.

The purpose of the PackageInformation structure is to clearly identify physical handling items that constitute the delivery.

PackageInformation is the highest level of product packaging it describes the shipping or warehousing unit.

If you are communicating a package, usually for logistics or transport purposes, you should include the PackageType, Identifier, ItemCount, and Quantity. (Note: you still have the ability to describe the item with one of the “named” items.)

If you are communicating one of the named Items there is no need to include PackageType, Identifier, ItemCount, and Quantity.

Since either of these two approaches can be used the entie contents of this element are optional even though the parent may be required. It is expected that you will fill in the appropriate details.

DeliveryDateWindow

DeliveryDateWindow is optional. Multiple instances might exist.

A group item defining the date/time interval for delivery to take place. An element which may contain the estimated date for which delivery is expected. This date is not absolute.

StencilCharacteristics

StencilCharacteristics is optional. A single instance might exist.

A group element specifying attributes of a stencil to be applied to an item, and optional text.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

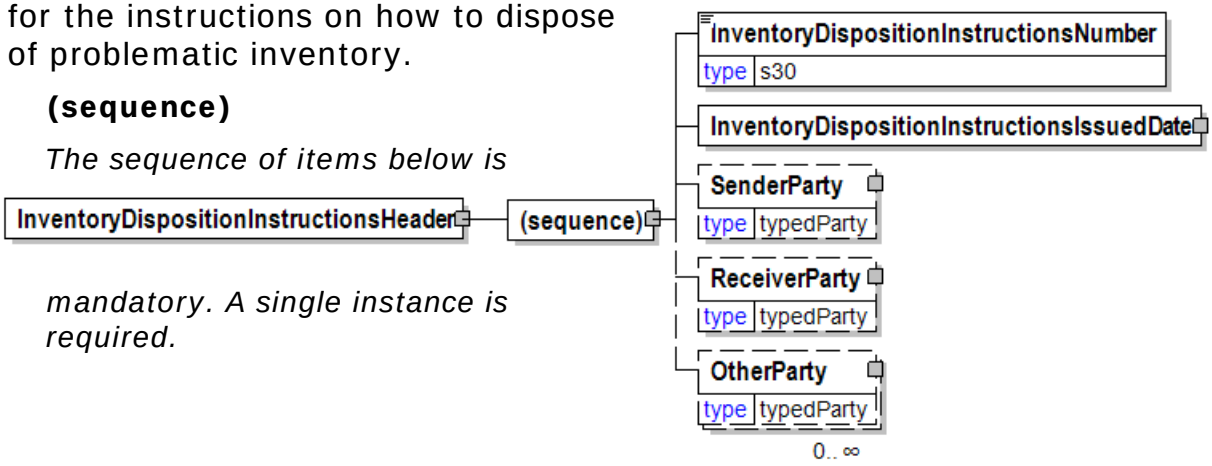
A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

InventoryDispositionInstructionsHeader

Provides information that is common for the instructions on how to dispose of problematic inventory.

(sequence)

The sequence of items below is



mandatory. A single instance is required.

InventoryDispositionInstructionsNumber

InventoryDispositionInstructionsNumber is mandatory. A single instance is required.

The identifying number for the Inventory Disposition e-Document.

InventoryDispositionInstructionsIssuedDate

InventoryDispositionInstructionsIssuedDate is mandatory. A single instance is required.

The date that the disposition instructions were issued.

SenderParty

SenderParty is optional. A single instance might exist.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is optional. A single instance might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

OtherParty

OtherParty is optional. Multiple instances might exist.

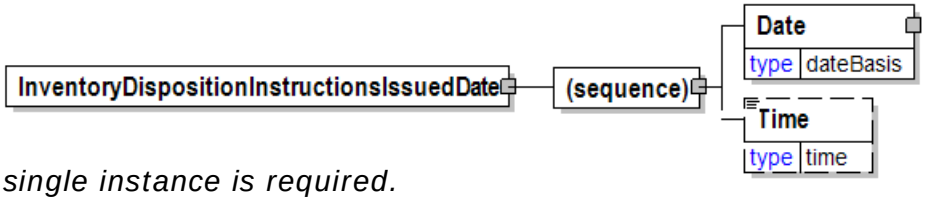
An organisation or business entity other than those specifically detailed within a e-Document.

InventoryDispositionInstructionsIssuedDate

The date that the disposition instructions were issued.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

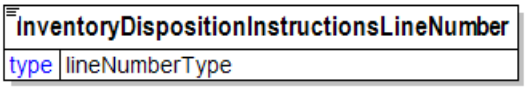
hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be

in discord with other users of XML.

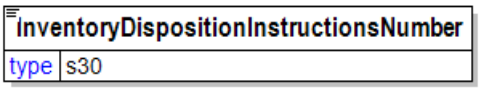
InventoryDispositionInstructionsLineNumber

The sequential number that uniquely identifies the InventoryDispositionInstructions line item.



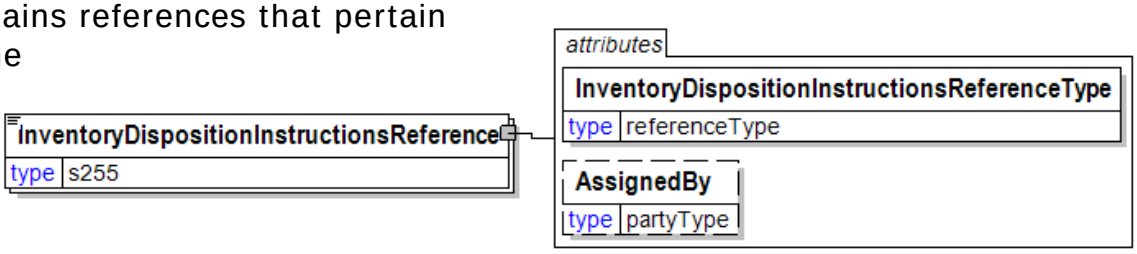
InventoryDispositionInstructionsNumber

The identifying number for the InventoryDispositionInstructions e-Document.



InventoryDispositionInstructionsReference

Contains references that pertain to the



InventoryDispositionInstructions e-Document.

InventoryDispositionInstructionsReferenceType [attribute]

InventoryDispositionInstructionsReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to InventoryDispositionInstructionsReferenceType definition for any enumerations.

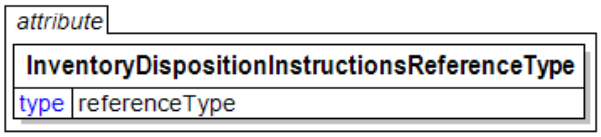
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

InventoryDispositionInstructionsReferenceType [attribute]



Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

InventoryDispositionInstructionsType [attribute]



Indicates the type of inventory disposition that is required. As this attribute is at the line level multiple dispositions can be communicated in a single e-Document.

This item is restricted to the following list.

Scrap

Raw Material or Work in Process to be scrapped.

Destroy

Finished Goods or Work in Process containing copyrighted information that must be physically destroyed.

Hold

Excess raw materials, Work in Process, or Finished Goods that should be held for future production or until other Disposition Instructions are received at the current location.

Transfer

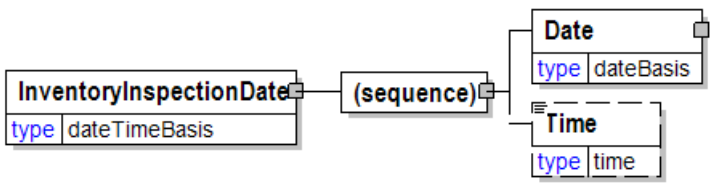
Raw materials or Work in Process that will be shipped to another location.

InventoryInspectionDate

The physical inspection Date and Time of inventory.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

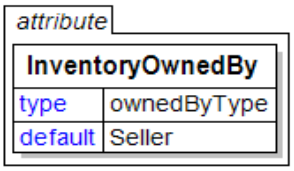
hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

InventoryOwnedBy [attribute]

Specifies who is the owner of the inventory/goods.



This item is restricted to the following list.

Buyer

The owner of the inventory/goods is the buyer. The inventory/goods have already been invoiced.

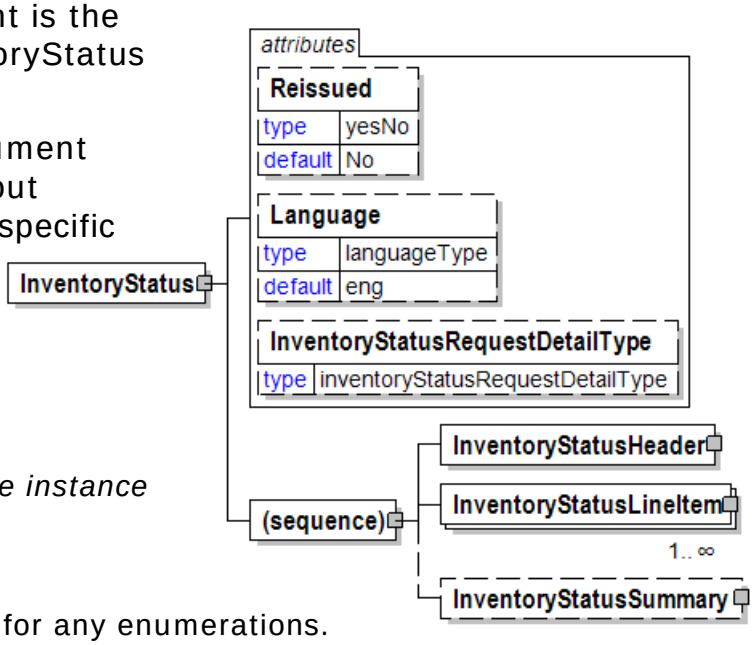
Seller

The owner of the inventory/goods is the seller

InventoryStatus

The InventoryStatus element is the root element for the InventoryStatus e-Document.

The InventoryStatus e-Document informs involved parties about physical inventory levels at specific stock locations (warehouse, terminal, printer etc.) at a certain time (snapshot).



Reissued [attribute]

Reissued is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Reissued definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

InventoryStatusRequestDetailType [attribute]

InventoryStatusRequestDetailType is optional. A single instance might exist.

Communicates the method in which the InventoryStatus should be summarized.

Refer to InventoryStatusRequestDetailType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

InventoryStatusHeader

InventoryStatusHeader is mandatory. A single instance is required.

Information that applies to all items on the InventoryStatus e-Document.

InventoryStatusLineItem

InventoryStatusLineItem is mandatory. One instance is required, multiple instances might exist.

Individual information about the item(s) on an InventoryStatus e-Document.

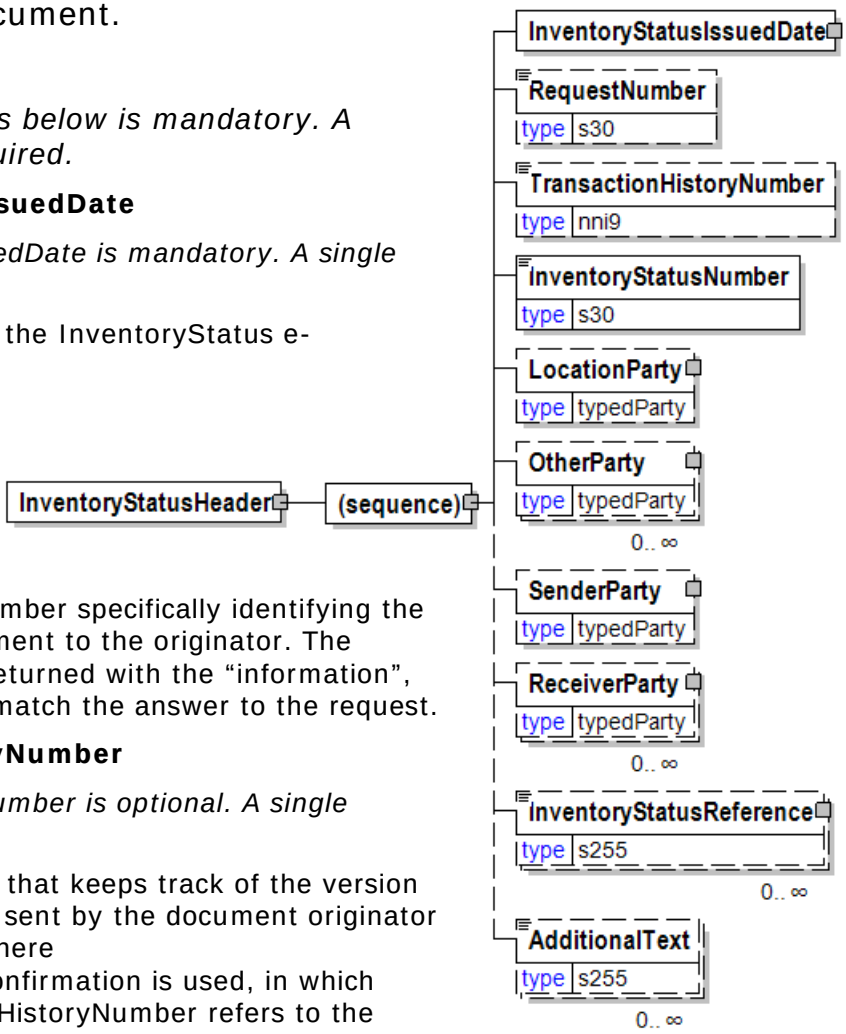
InventoryStatusSummary

InventoryStatusSummary is optional. A single instance might exist.

Summary information that applies to the entire InventoryStatus e-Document.

InventoryStatusHeader

Information that applies to all items on the InventoryStatus e-Document.



(sequence)

The sequence of items below is mandatory. A single instance is required.

InventoryStatusIssuedDate

InventoryStatusIssuedDate is mandatory. A single instance is required.

The effective date of the InventoryStatus e-Document.

RequestNumber

RequestNumber is optional. A single instance might exist.

A unique tracking number specifically identifying the InfoRequest e-Document to the originator. The tracking number is returned with the “information”, the answer, to help match the answer to the request.

TransactionHistoryNumber

TransactionHistoryNumber is optional. A single instance might exist.

A sequential number that keeps track of the version of a document being sent by the document originator except in the case where TransactionHistoryConfirmation is used, in which case the TransactionHistoryNumber refers to the trigger transaction for which the confirmation is being sent.

InventoryStatusNumber

InventoryStatusNumber is mandatory. A single instance is required.

An identifier that allows for unique identification of the InventoryStatus.

LocationParty

LocationParty is optional. A single instance might exist.

The organization or business entity where the business event took place or will take place.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

SenderParty

SenderParty is optional. A single instance might exist.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the

message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is optional. Multiple instances might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

InventoryStatusReference

InventoryStatusReference is optional. Multiple instances might exist.

A group item detailing relevant references pertaining to the InventoryChange, identified by InventoryStatusReferenceType.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

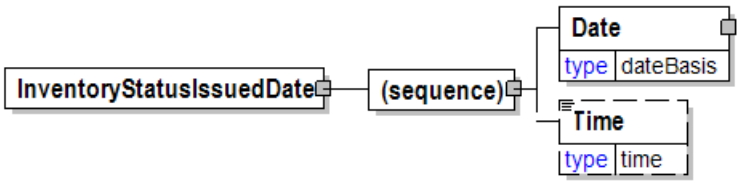
A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

InventoryStatusIssuedDate

The effective date of the InventoryStatus e-Document.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

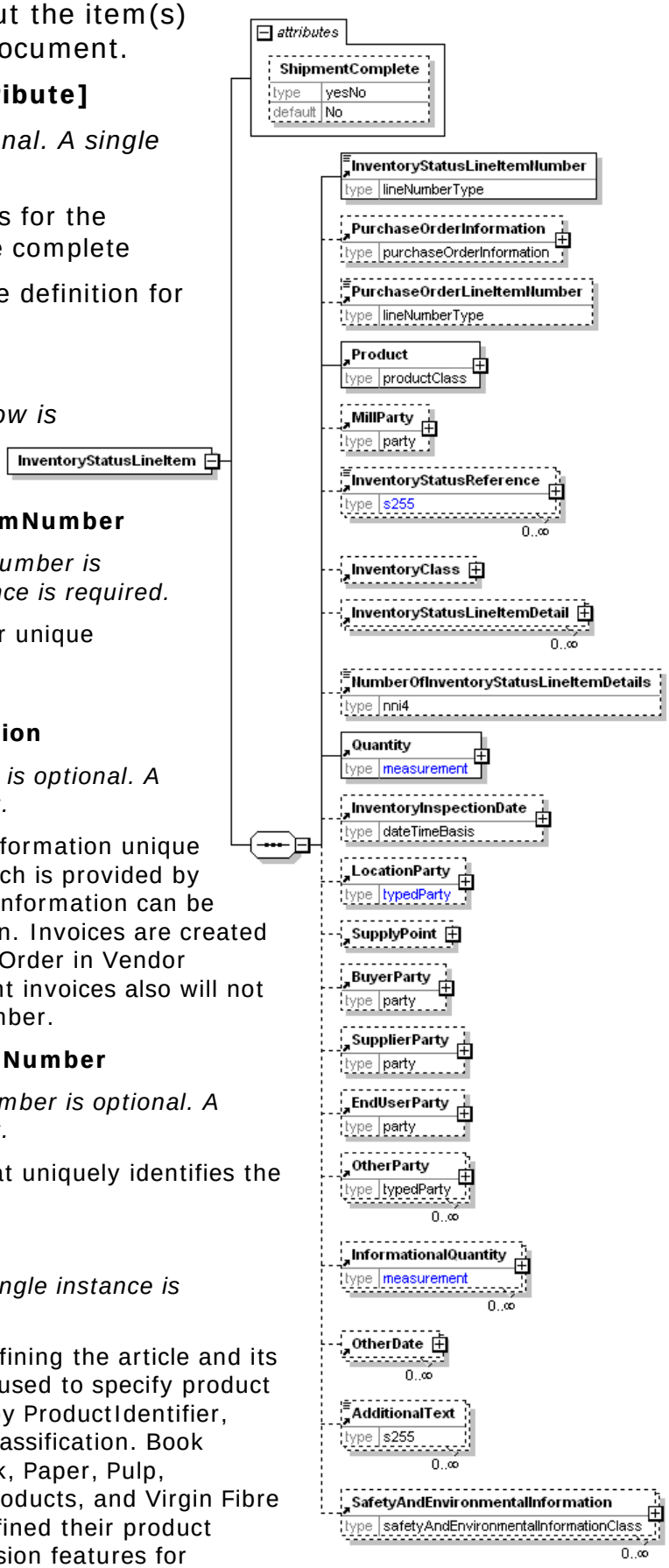
hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be

in discord with other users of XML.

InventoryStatusLineItem

Individual information about the item(s) on an InventoryStatus e-Document.



ShipmentComplete [attribute]

ShipmentComplete is optional. A single instance might exist.

Indicates that all shipments for the particular delivery item are complete

Refer to ShipmentComplete definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

InventoryStatusLineItemNumber

InventoryStatusLineItemNumber is mandatory. A single instance is required.

An identifier that allows for unique identification of the InventoryStatusLineItem.

PurchaseOrderInformation

PurchaseOrderInformation is optional. A single instance might exist.

A group item containing information unique to this PurchaseOrder, which is provided by the buyer. PurchaseOrderInformation can be optional in the supply chain. Invoices are created without having a PurchaseOrder in Vendor Managed Inventory. Freight invoices also will not have a PurchaseOrder number.

PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber is optional. A single instance might exist.

The sequential number that uniquely identifies the PurchaseOrder line item.

Product

Product is mandatory. A single instance is required.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

MillParty

MillParty is optional. A single instance might exist.

The organisation or business entity that actually produces the product.

InventoryStatusReference

InventoryStatusReference is optional. Multiple instances might exist.

A group item detailing relevant references pertaining to the InventoryChange, identified by InventoryStatusReferenceType.

InventoryClass

InventoryClass is optional. A single instance might exist.

A group item containing information about status of inventory and goods items.

InventoryStatusLineItemDetail

InventoryStatusLineItemDetail is optional. Multiple instances might exist.

A group element that contains InventoryStatus details.

NumberOfInventoryStatusLineItemDetails

NumberOfInventoryStatusLineItemDetails is optional. A single instance might exist.

The number of InventoryStatusLineItemDetail elements included in the InventoryStatusLineItem.

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InventoryInspectionDate

InventoryInspectionDate is optional. A single instance might exist.

The physical inspection Date and Time of inventory.

LocationParty

LocationParty is optional. A single instance might exist.

The organization or business entity where the business event took place or will take place.

SupplyPoint

SupplyPoint is optional. A single instance might exist.

Grouping element that contains items describing a supply point. A SupplyPoint belongs to a LocationParty, e.g. in a DeliveryOrigin or DeliveryDestination, and describes where goods are stored and can be loaded or unloaded. A SupplyPoint can for example be a loading or unloading gate at a warehouse or a road side landing at a logging area in the forest.

BuyerParty

BuyerParty is optional. A single instance might exist.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

SupplierParty

SupplierParty is optional. A single instance might exist.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

EndUserParty

EndUserParty is optional. A single instance might exist.

The party using, consuming, or converting the product. For example, a printer using paper reels for a print job for a publisher. The final ShipTo destination for a product is normally to the end user's facilities.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

OtherDate

OtherDate is optional. Multiple instances might exist.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

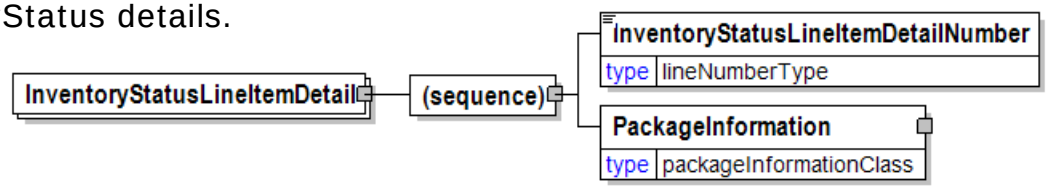
SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency).

InventoryStatusLineItemDetail

A group element that contains InventoryStatus details.



(sequence)

The sequence of items below is mandatory. A single instance is required.

InventoryStatusLineItemDetailNumber

InventoryStatusLineItemDetailNumber is mandatory. A single instance is required.

An identifier that allows for unique identification of the InventoryStatusLineItemDetail.

PackageInformation

PackageInformation is mandatory. A single instance is required.

The purpose of the PackageInformation structure is to clearly identify physical handling items that constitute the delivery.

PackageInformation is the highest level of product packaging it describes the shipping or warehousing unit.

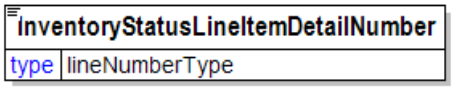
If you are communicating a package, usually for logistics or transport purposes, you should include the PackageType, Identifier, ItemCount, and Quantity. (Note: you still have the ability to describe the item with one of the “named” items.)

If you are communicating one of the named Items there is no need to include PackageType, Identifier, ItemCount, and Quantity.

Since either of these two approaches can be used the entie contents of this element are optional even though the parent may be required. It is expected that you will fill in the appropriate details.

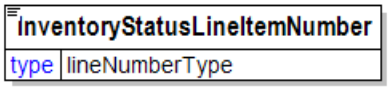
InventoryStatusLineItemDetailNumber

An identifier that allows for unique identification of the InventoryStatusLineItemDetail.



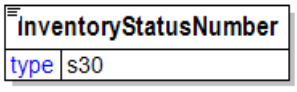
InventoryStatusLineItemNumber

An identifier that allows for unique identification of the InventoryStatusLineItem.



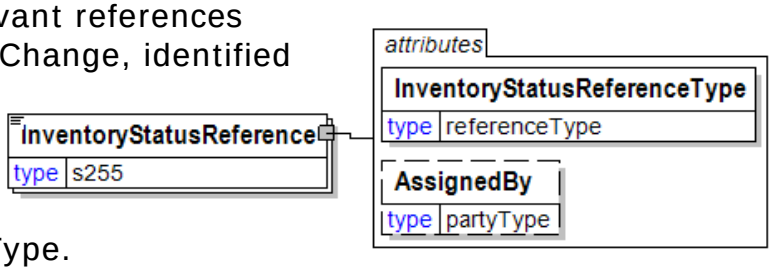
InventoryStatusNumber

An identifier that allows for unique identification of the InventoryStatus.



InventoryStatusReference

A group item detailing relevant references pertaining to the InventoryChange, identified by



InventoryStatusReferenceType.

InventoryStatusReferenceType [attribute]

InventoryStatusReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to InventoryStatusReferenceType definition for any enumerations.

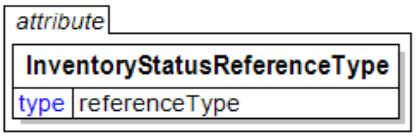
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

InventoryStatusReferenceType [attribute]



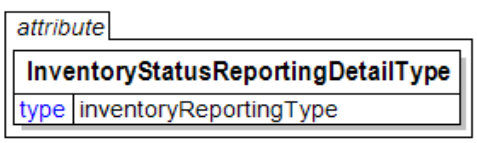
Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

InventoryStatusReportingDetailType [attribute]

Communicates the level of detail in which inventory is to be reported.

This item is restricted to the following list.



AggregatedInventory

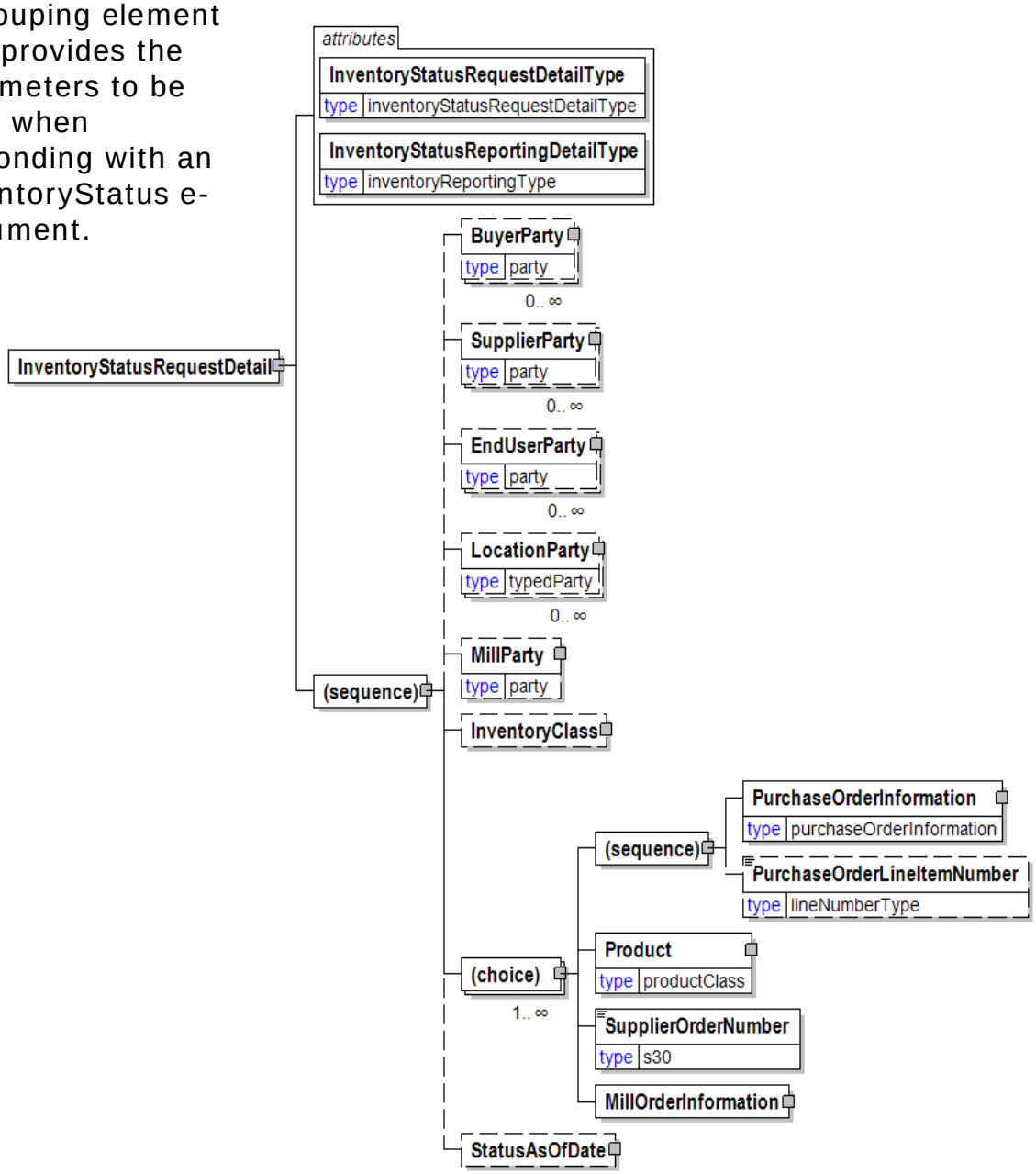
Inventory is to be reported in summary.

DetailedInventory

Inventory is reported in detail (using the InventoryStatusLineItemDetail element).

InventoryStatusRequestDetail

A grouping element that provides the parameters to be used when responding with an InventoryStatus e-Document.



InventoryStatusRequestDetailType [attribute]

InventoryStatusRequestDetailType is mandatory. A single instance is required.

Communicates the method in which the InventoryStatus should be summarized.

Refer to InventoryStatusRequestDetailType definition for any enumerations.

InventoryStatusReportingDetailType [attribute]

InventoryStatusReportingDetailType is mandatory. A single instance is required.

Communicates the level of detail in which inventory is to be reported.

Refer to InventoryStatusReportingDetailType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

BuyerParty

BuyerParty is optional. Multiple instances might exist.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

SupplierParty

SupplierParty is optional. Multiple instances might exist.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

EndUserParty

EndUserParty is optional. Multiple instances might exist.

The party using, consuming, or converting the product. For example, a printer using paper reels for a print job for a publisher. The final ShipTo destination for a product is normally to the end user's facilities.

LocationParty

LocationParty is optional. Multiple instances might exist.

The organization or business entity where the business event took place or will take place.

MillParty

MillParty is optional. A single instance might exist.

The organisation or business entity that actually produces the product.

InventoryClass

InventoryClass is optional. A single instance might exist.

A group item containing information about status of inventory and goods items.

(choice)

[choice] is optional because of choice construct.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PurchaseOrderInformation

PurchaseOrderInformation is mandatory. A single instance is required.

A group item containing information unique to this PurchaseOrder, which is provided by the buyer. PurchaseOrderInformation can be optional in the supply chain. Invoices are created without having a PurchaseOrder in Vendor Managed Inventory. Freight invoices also will not have a PurchaseOrder number.

PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber is optional. A single instance might exist.

The sequential number that uniquely identifies the PurchaseOrder line item.

Product

Product is optional because of choice construct.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

SupplierOrderNumber

SupplierOrderNumber is optional because of choice construct.

The number of the supplier order.

MillOrderInformation

MillOrderInformation is optional because of choice construct.

A group item containing information unique to a mill order.

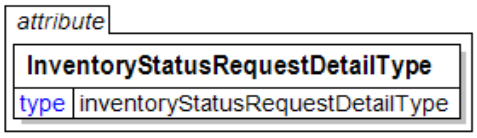
StatusAsOfDate

StatusAsOfDate is optional. A single instance might exist.

The specific Date and Time for which status is requested. This implies that all open transactions have closed for the date before the status is reported.

InventoryStatusRequestDetailType [attribute]

Communicates the method in which the InventoryStatus should be summarized.



This item is restricted to the following list.

ByMillOrder

By the mill order number and mill order line item number the material was manufactured. MillParty has also to be be specified in ByMillOrderInformation to defined the mill order origin.

ByProduct

By product

ByPurchaseOrder

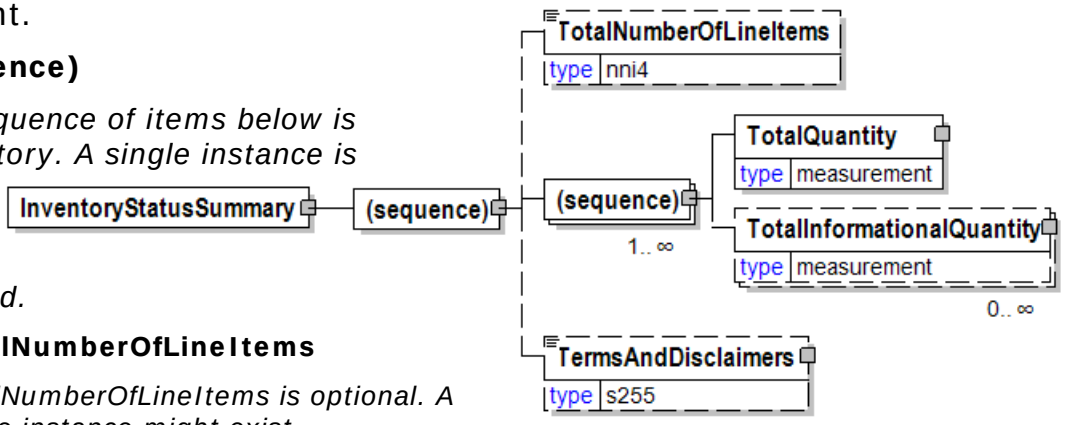
By the PurchaseOrder the material was ordered

BySupplierOrderNumber

By the order the material was manufactured

InventoryStatusSummary

Summary information that applies to the entire InventoryStatus e-Document.



(sequence)

The sequence of items below is mandatory. A single instance is required.

TotalNumberOfLineItems

TotalNumberOfLineItems is optional. A single instance might exist.

The total number of individual line items in the document, regardless of the status or type.

(sequence)

The sequence of items below is mandatory. One instance is required, multiple instances might exist.

TotalQuantity

TotalQuantity is mandatory. A single instance is required.

The total quantity of similar items in the e-Document. TotalQuantity is primarily used in the summary section of documents where it is repeatable to permit totaling for different units of measure.

TotalInformationalQuantity

TotalInformationalQuantity is optional. Multiple instances might exist.

A quantity that is used to communicate related information about the parent element. This element represents a total that is derived from individual line items.

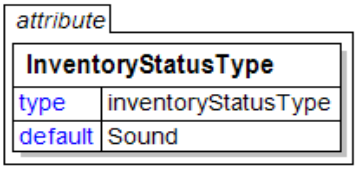
TermsAndDisclaimers

TermsAndDisclaimers is optional. A single instance might exist.

An element that contains legal information with an indication of what the Language is.

InventoryStatusType [attribute]

Provides the status type for inventory/goods belonging to a product and/or an order.



This item is restricted to the following list.

Sound

Sound inventory are prime inventory/goods without any damages or defects

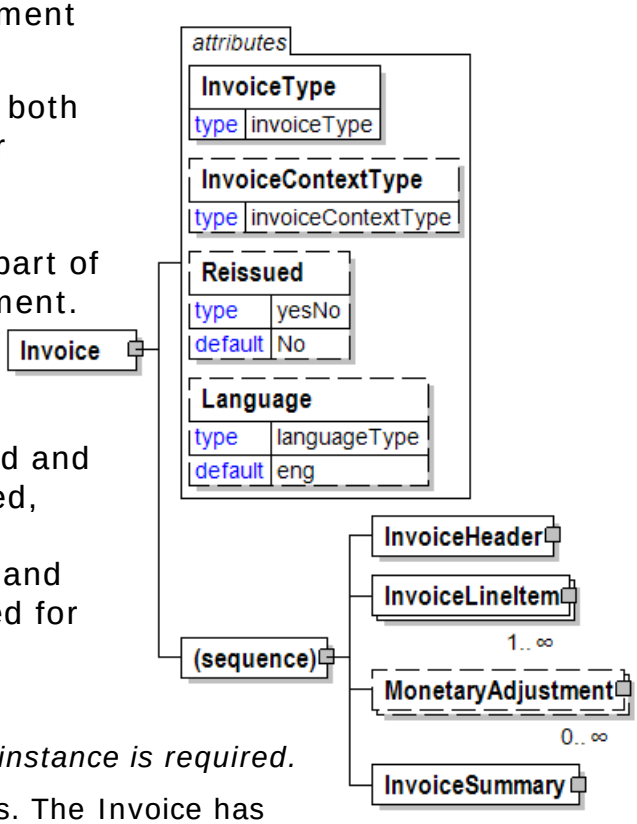
Unsound

Unsound inventory/goods are inventory/goods with defects or inventory/goods put on hold for inspection.

Invoice

The Invoice element is the root element for the Invoice e-Document.

An Invoice e-Document can handle both debits and credits. Typically a seller sends an Invoice to a buyer after delivering the products or services specified in a PurchaseOrder or as part of an automatic replenishment agreement. Alternatively, an Invoice can be prepared by the buyer as part of a self-billing process. The Invoice is a list of the goods shipped and their quantities, or services rendered, indicating the price, terms of sale, supplemental charges, allowances, and communicates the payment required for the indicated items.



InvoiceType [attribute]

InvoiceType is mandatory. A single instance is required.

Defines the various types of invoices. The Invoice has been checked and found compliant with the EU Council Directive 2001/115/EC in force from 1 January 2004 in existing EU Member States and from 1 May 2004 in the Accession Countries. Directive 2001/115/EC harmonises, simplifies and modernises invoicing obligations on traders when they sell products or services that are subject to Value Added Tax (VAT). It also creates an EU legal framework for electronic transmission and storage of invoices. Refer to http://www.eic.ie/legislation/vat_invoicing.htm for additional information.

Types of invoices not covered in this standard include:

Delcredere – An invoice sent to the party paying for a number of buyers

Factored – An invoice assigned to a third party for collection

Refer to InvoiceType definition for any enumerations.

InvoiceContextType [attribute]

InvoiceContextType is optional. A single instance might exist.

Indicates the nature of what is included in the invoice.

Refer to InvoiceContextType definition for any enumerations.

Reissued [attribute]

Reissued is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Reissued definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

InvoiceHeader

InvoiceHeader is mandatory. A single instance is required.

Information that applies to all items on the Invoice.

InvoiceLineItem

InvoiceLineItem is mandatory. One instance is required, multiple instances might exist.

Information for each item on an Invoice.

MonetaryAdjustment

MonetaryAdjustment is optional. Multiple instances might exist.

The element containing the information necessary for the understanding, calculation, and treatment of an adjustment to a currency amount. MonetaryAdjustment contains an attribute that indicates they type of adjustment being communicated.

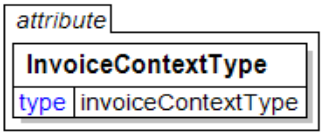
InvoiceSummary

InvoiceSummary is mandatory. A single instance is required.

Summary information for all items on an invoice.

InvoiceContextType [attribute]

Indicates the nature of what is included in the invoice.



This item is restricted to the following list.

LogisticsService

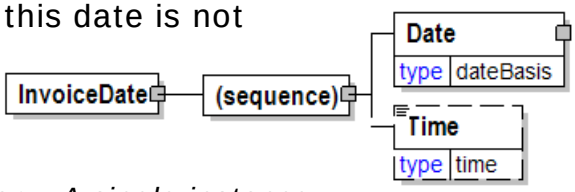
The invoice is exclusively for logistics services.

Product

The invoice includes product with optional logistics charges.

InvoiceDate

A date that is qualifying the invoicing period. This date often drives payment terms. Note that this date is not necessarily the same as the issue date of the invoice.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

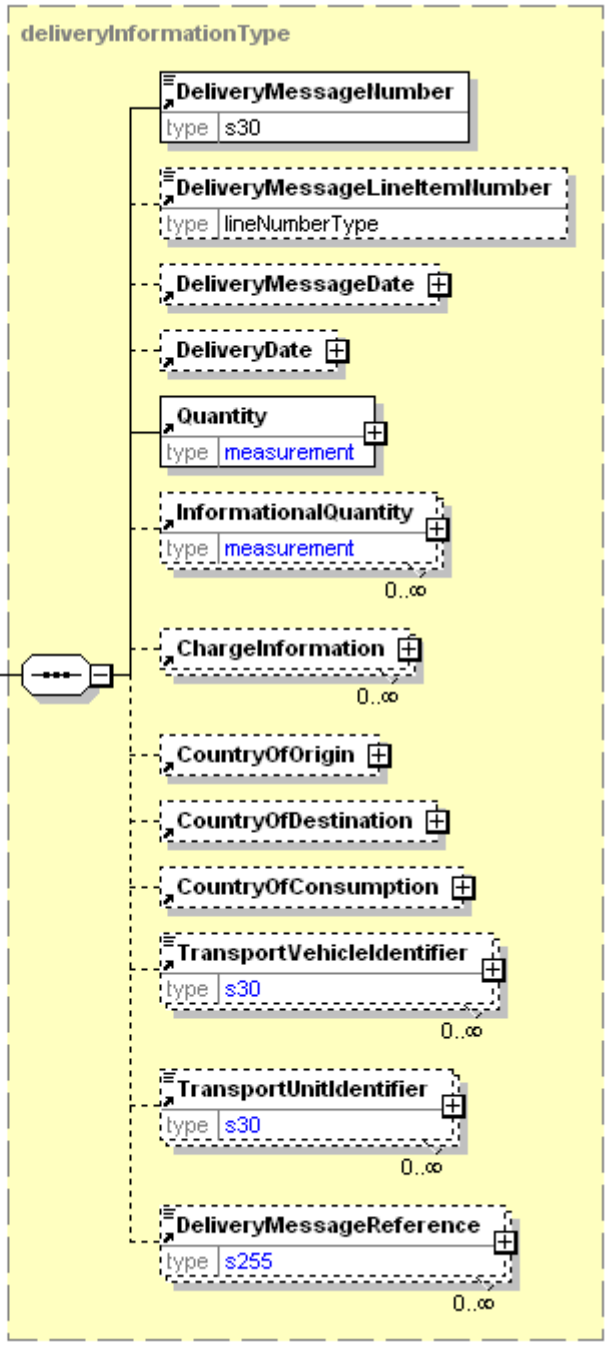
Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

InvoiceDeliveryInformation

A group item that contains delivery information for invoice purposes. The delivery information that is contained will be similar to that on the DeliveryMessage.



(sequence)

The sequence of items below is mandatory. A single instance is required.

DeliveryMessageNumber

DeliveryMessageNumber is mandatory. A single instance is required.

A unique delivery identifier

assigned to each DeliveryMessage as agreed between the trading partners.

DeliveryMessageLineItemNumber

DeliveryMessageLineItemNumber is optional. A single instance might exist.

The sequential number that uniquely identifies the delivery line item.

DeliveryMessageDate

DeliveryMessageDate is optional. A single instance might exist.

The Date and Time when the DeliveryMessage was issued.

DeliveryDate

DeliveryDate is optional. A single instance might exist.

The Date and optionally the Time that the partners agree is the date upon which deliveries will be recognised. Possible choices for this date are either the date

despatched or the date received.

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

ChargeInformation

ChargeInformation is optional. Multiple instances might exist.

A group element that contains elements that describe a charge. ChargeInformation is used when charge details need to be specified by using a code assigned by an agency. It is typically used for freight costs and other costs related to the supply chain.

CountryOfOrigin

CountryOfOrigin is optional. A single instance might exist.

The country of origin for the material.

CountryOfDestination

CountryOfDestination is optional. A single instance might exist.

The country where the goods will be, or were, shipped to.

CountryOfConsumption

CountryOfConsumption is optional. A single instance might exist.

The country of consumption for the material.

TransportVehicleIdentifier

TransportVehicleIdentifier is optional. Multiple instances might exist.

The identifier of the transport vehicle (license plate number, voyage number, or vessel name). TransportVehicleIdentifier contains the TransportVehicleIdentifierType attribute.

TransportUnitIdentifier

TransportUnitIdentifier is optional. Multiple instances might exist.

The identifier of the transport unit, such as a container ID It could be a license plate number if the transport unit is the vehicle at the same time. The type of identifier is indicated by the TransportUnitIdentifierType.

DeliveryMessageReference

DeliveryMessageReference is optional. Multiple instances might exist.

An element that identifies the relevant references pertaining to the

DeliveryMessage, identified by DeliveryMessageReferenceType.

InvoiceHeader

Information that applies to all items on the Invoice.

(sequence)

The sequence of items below is mandatory. A single instance is required.

InvoiceNumber

InvoiceNumber is mandatory. A single instance is required.

The identification number of the invoice, generated by the seller.

InvoiceDate

InvoiceDate is mandatory. A single instance is required.

A date that is qualifying the invoicing period. This date often drives payment terms. Note that this date is not necessarily the same as the issue date of the invoice.

OtherDate

OtherDate is optional. Multiple instances might exist.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

InvoiceReference

InvoiceReference is optional. Multiple instances might exist.

A group item detailing relevant references pertaining to the invoice e-Document. InvoiceReferenceType describes the content.

DocumentReferenceInformation

DocumentReferenceInformation is optional. Multiple instances might exist.

A group item containing reference information applicable to a document.

BillToParty

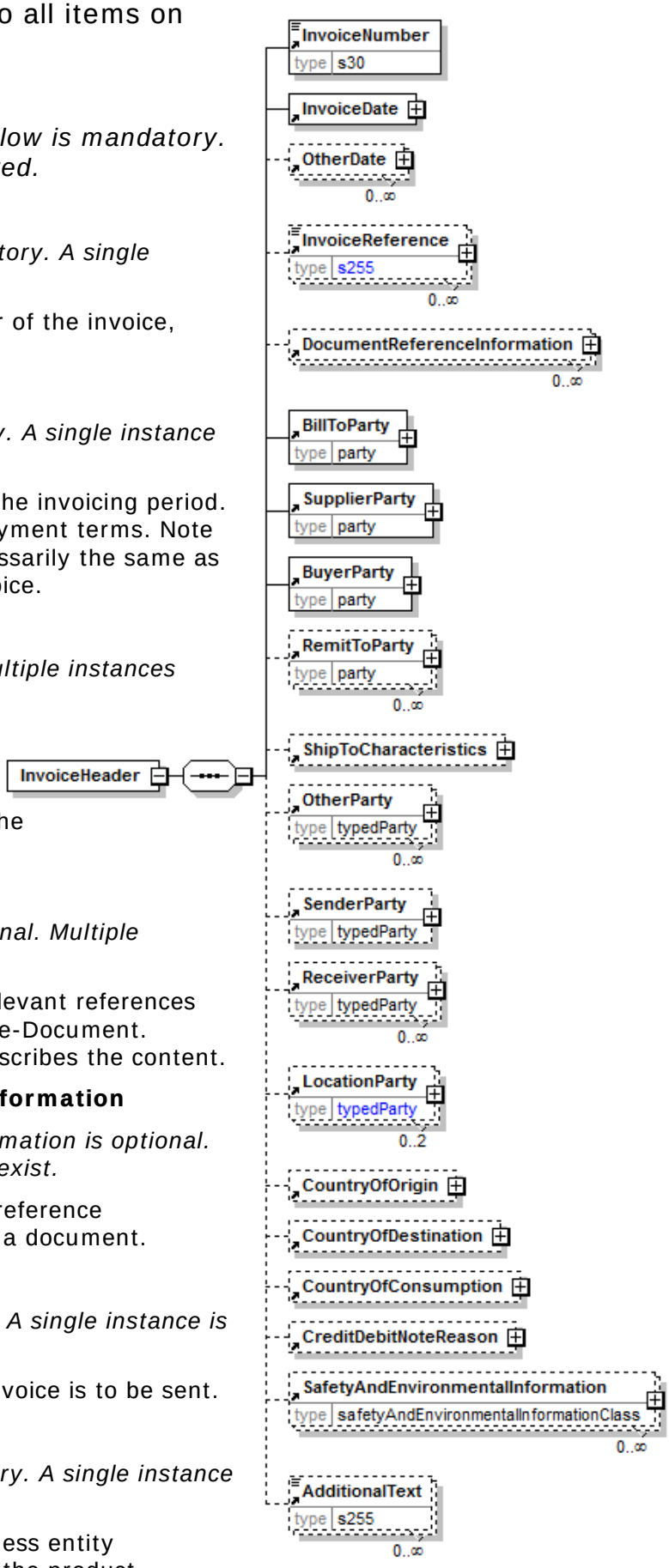
BillToParty is mandatory. A single instance is required.

The address where the invoice is to be sent.

SupplierParty

SupplierParty is mandatory. A single instance is required.

The organisation or business entity responsible for providing the product.



SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

BuyerParty

BuyerParty is mandatory. A single instance is required.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

RemitToParty

RemitToParty is optional. Multiple instances might exist.

A group item containing details of the party to whom payment will be made. The RemitToParty contains all information related to remittance.

ShipToCharacteristics

ShipToCharacteristics is optional. A single instance might exist.

A group item that provides information important for the Ship-To Party.

ShipToCharacteristics may be referenced at both the header and line item level. The reference at the header is required and acts as a default for the value at the line level, unless overridden at the line level.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

SenderParty

SenderParty is optional. A single instance might exist.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is optional. Multiple instances might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

LocationParty

LocationParty is optional.

The organization or business entity where the business event took place or will take place.

CountryOfOrigin

CountryOfOrigin is optional. A single instance might exist.

The country of origin for the material.

CountryOfDestination

CountryOfDestination is optional. A single instance might exist.

The country where the goods will be, or were, shipped to.

CountryOfConsumption

CountryOfConsumption is optional. A single instance might exist.

The country of consumption for the material.

CreditDebitNoteReason

CreditDebitNoteReason is optional. A single instance might exist.

A group item containing the reason for the entire CreditDebitNote.

SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency).

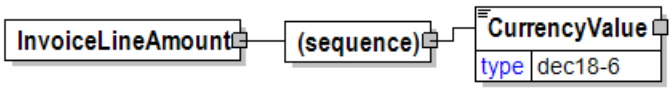
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

InvoiceLineAmount

The total invoice amount per line including adjustments, charges and tax (when tax is specified on the invoice line item).



InvoiceLineAmount is equal to the InvoiceLineBaseAmount plus the sum of the signed values of the MonetaryAdjustmentAmount for all instances of MonetaryAdjustment and plus the sum of the signed values of the ChargeAmount for all instances of ChargeInformation.

(sequence)

The sequence of items below is mandatory. A single instance is required.

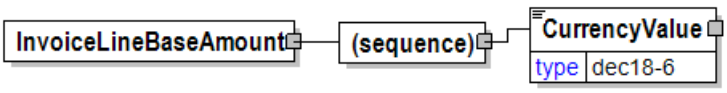
CurrencyValue

CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

InvoiceLineBaseAmount

A field that contains the result of the calculation Quantity at the InvoiceLineItem level times the PricePerUnit. As such it does not include any taxes. It appears at the invoice line item level. InvoiceLineBaseAmount encapsulates CurrencyValue.



(sequence)

The sequence of items below is mandatory. A single instance is required.

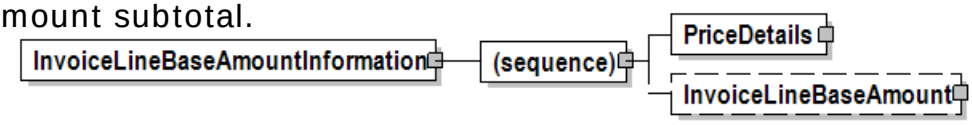
CurrencyValue

CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

InvoiceLineBaseAmountInformation

A group item containing the price per unit and the invoice price amount subtotal.



(sequence)

The sequence of items below is mandatory. A single instance is required.

PriceDetails

PriceDetails is mandatory. A single instance is required.

An element that groups together price information.

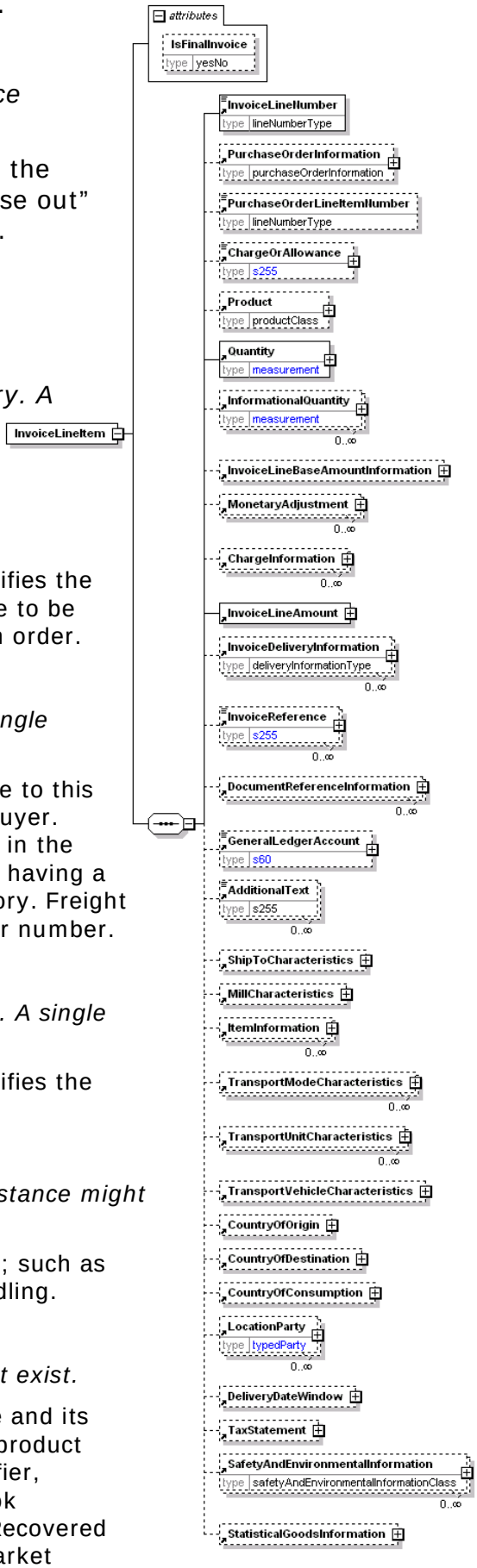
InvoiceLineBaseAmount

InvoiceLineBaseAmount is optional. A single instance might exist.

A field that contains the result of the calculation Quantity at the InvoiceLineItem level times the PricePerUnit. As such it does not include any taxes. It appears at the invoice line item level. InvoiceLineBaseAmount encapsulates CurrencyValue.

InvoiceLineItem

Information for each item on an Invoice.



IsFinalInvoice [attribute]

IsFinalInvoice is optional. A single instance might exist.

Communicates to the receiver that this is the last invoice so that the customer can “close out” the associated PO as completely invoiced.

Refer to IsFinalInvoice definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

InvoiceLineNumber

InvoiceLineNumber is mandatory. A single instance is required.

The sequential number that uniquely identifies the invoice line item. It may enable the invoice to be printed, viewed, or discussed in a common order.

PurchaseOrderInformation

PurchaseOrderInformation is optional. A single instance might exist.

A group item containing information unique to this PurchaseOrder, which is provided by the buyer. PurchaseOrderInformation can be optional in the supply chain. Invoices are created without having a PurchaseOrder in Vendor Managed Inventory. Freight invoices also will not have a PurchaseOrder number.

PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber is optional. A single instance might exist.

The sequential number that uniquely identifies the PurchaseOrder line item.

ChargeOrAllowance

ChargeOrAllowance is optional. A single instance might exist.

The description of the charge or allowance; such as freight, special handling, and stop-off handling.

Product

Product is optional. A single instance might exist.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market

segments have defined their product characteristics and conversion features for implementation in papiNet.

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

InvoiceLineBaseAmountInformation

InvoiceLineBaseAmountInformation is optional. A single instance might exist.

A group item containing the price per unit and the invoice price amount subtotal.

MonetaryAdjustment

MonetaryAdjustment is optional. Multiple instances might exist.

The element containing the information necessary for the understanding, calculation, and treatment of an adjustment to a currency amount. MonetaryAdjustment contains an attribute that indicates they type of adjustment being communicated.

ChargeInformation

ChargeInformation is optional. Multiple instances might exist.

A group element that contains elements that describe a charge. ChargeInformation is used when charge details need to be specified by using a code assigned by an agency. It is typically used for freight costs and other costs related to the supply chain.

InvoiceLineAmount

InvoiceLineAmount is mandatory. A single instance is required.

The total invoice amount per line including adjustments, charges and tax (when tax is specified on the invoice line item).

InvoiceLineAmount is equal to the InvoiceLineBaseAmount plus the sum of the signed values of the MonetaryAdjustmentAmount for all instances of MonetaryAdjustment and plus the sum of the signed values of the ChargeAmount for all instances of ChargeInformation.

InvoiceDeliveryInformation

InvoiceDeliveryInformation is optional. Multiple instances might exist.

A group item that contains delivery information for invoice purposes. The delivery information that is contained will be similar to that on the DeliveryMessage.

InvoiceReference

InvoiceReference is optional. Multiple instances might exist.

A group item detailing relevant references pertaining to the invoice e-Document. InvoiceReferenceType describes the content.

DocumentReferenceInformation

DocumentReferenceInformation is optional. Multiple instances might exist.

A group item containing reference information applicable to a document.

GeneralLedgerAccount

GeneralLedgerAccount is optional. A single instance might exist.

The general ledger account to be referenced for the item.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

ShipToCharacteristics

ShipToCharacteristics is optional. A single instance might exist.

A group item that provides information important for the Ship-To Party.

ShipToCharacteristics may be referenced at both the header and line item level. The reference at the header is required and acts as a default for the value at the line level, unless overridden at the line level.

MillCharacteristics

MillCharacteristics is optional. A single instance might exist.

A group item defining the mill party and machine identifier where a product is or was produced.

ItemInformation

ItemInformation is optional. Multiple instances might exist.

The purpose of the ItemInformation structure is to clearly identify physical items. The attribute ItemType defines the type of physical item. Physical items can be handling units like packages as well as items contained in packages.

TransportModeCharacteristics

TransportModeCharacteristics is optional and repeatable. Multiple instances might exist.

A group item defining the primary mode of transport.

TransportUnitCharacteristics

TransportUnitCharacteristics is optional. Multiple instances might exist.

A group item containing information about a transport unit, e.g. a trailer. Transport units contain goods and move using power from another source, the transport vehicle.

TransportVehicleCharacteristics

TransportVehicleCharacteristics is optional. A single instance might exist.

A group item containing information about a transport vehicle, e.g. a truck. A transport vehicle has its own power and can be used to pull, push, carry, or tow a transport unit loaded with goods.

CountryOfOrigin

CountryOfOrigin is optional. A single instance might exist.

The country of origin for the material.

CountryOfDestination

CountryOfDestination is optional. A single instance might exist.

The country where the goods will be, or were, shipped to.

CountryOfConsumption

CountryOfConsumption is optional. A single instance might exist.

The country of consumption for the material.

LocationParty

LocationParty is optional. Multiple instances might exist.

The organization or business entity where the business event took place or will take place.

DeliveryDateWindow

DeliveryDateWindow is optional. A single instance might exist.

A group item defining the date/time interval for delivery to take place. An element which may contain the estimated date for which delivery is expected. This date is not absolute.

TaxStatement

TaxStatement is optional. A single instance might exist.

A group element for declaration of exception from normal charges of tax and the reason for tax exemption.

SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency).

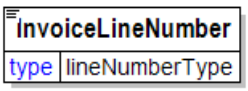
StatisticalGoodsInformation

StatisticalGoodsInformation is optional. A single instance might exist.

A group item containing statistical information about handled or traded goods.

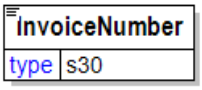
InvoiceLineNumber

The sequential number that uniquely identifies the invoice line item. It may enable the invoice to be printed, viewed, or discussed in a common order.



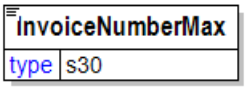
InvoiceNumber

The identification number of the papiNet e-Document Invoice. This number uniquely identifies documents for all InvoiceType such as Invoice, DebitNote, CreditNote, Approximate, SelfBillingStatement etc



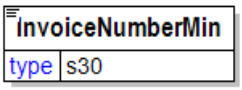
InvoiceNumberMax

The upper range of invoices being communicated or requested.



InvoiceNumberMin

The lower limit of a range of invoices being communicated or requested.

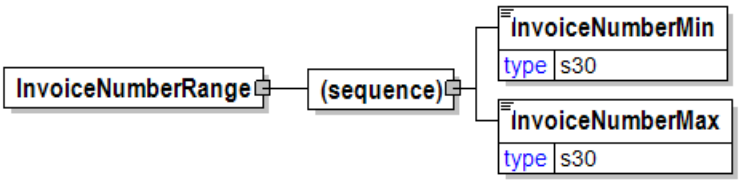


InvoiceNumberRange

A range of invoices to be considered or reported on.

(sequence)

The sequence of items below is mandatory. A single instance is required.



InvoiceNumberMin

InvoiceNumberMin is mandatory. A single instance is required.

The lower limit of a range of invoices being communicated or requested.

InvoiceNumberMax

InvoiceNumberMax is mandatory. A single instance is required.

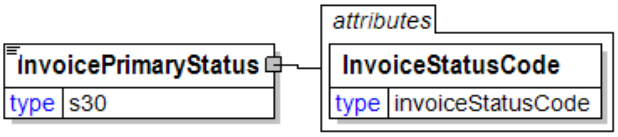
The upper range of invoices being communicated or requested.

InvoicePrimaryStatus

The primary status of the invoice.

InvoiceStatusCode [attribute]

InvoiceStatusCode is mandatory. A single instance is required.

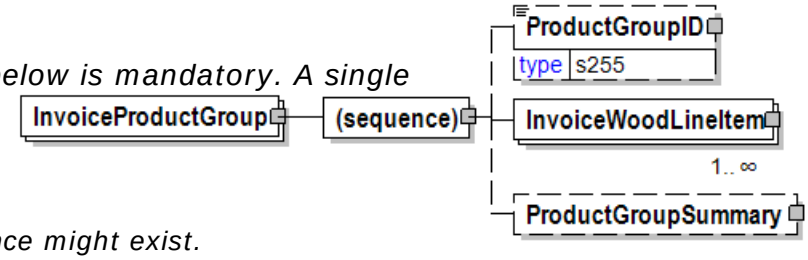


A code communicating the payment status of an invoice.

Refer to InvoiceStatusCode definition for any enumerations.

InvoiceProductGroup

Product grouping for invoiced items.



(sequence)

The sequence of items below is mandatory. A single instance is required.

ProductGroupID

ProductGroupID is optional. A single instance might exist.

Possibility to group packages or Shipments. Example: Creating temporary group ID's for logistic reasons or lot number.

InvoiceWoodLineItem

InvoiceWoodLineItem is mandatory. One instance is required, multiple instances might exist.

Specific information for a given item on an Invoice.

Note Business Rule IVW017: At least one instance of either the Product or ChargeOrAllowance elements is required.

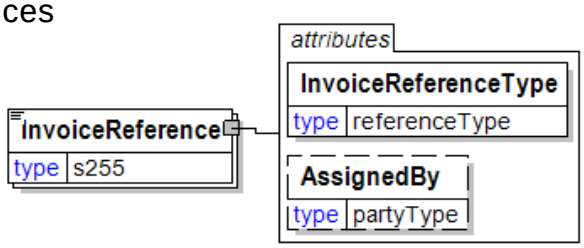
ProductGroupSummary

ProductGroupSummary is optional. A single instance might exist.

Group of elements to provide summary information on product level.

InvoiceReference

A group item detailing relevant references pertaining to the invoice e-Document. InvoiceReferenceType describes the content.



InvoiceReferenceType [attribute]

InvoiceReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to InvoiceReferenceType definition for any enumerations.

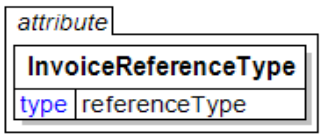
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

InvoiceReferenceType [attribute]

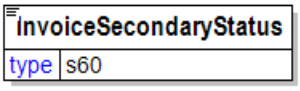


Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

InvoiceSecondaryStatus

The secondary status of the invoice.

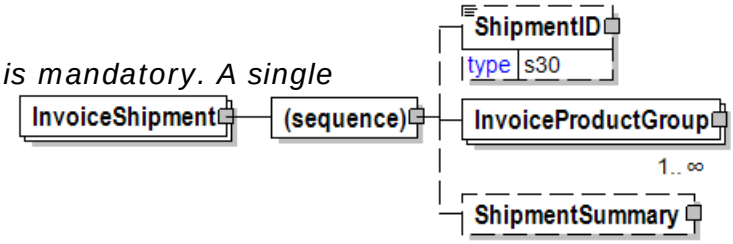


InvoiceShipment

Shipment grouping for invoiced items.

(sequence)

The sequence of items below is mandatory. A single instance is required.



ShipmentID

ShipmentID is optional. A single instance might exist.

The ShipmentID may be a Bill of Lading Marking, which is customer's reference mark on each package used for logistic purposes. Should not be mixed up with Bill of Lading number. Another example of ShipmentID is grouping by a ContainerID.

InvoiceProductGroup

InvoiceProductGroup is mandatory. One instance is required, multiple instances might exist.

Product grouping for invoiced items.

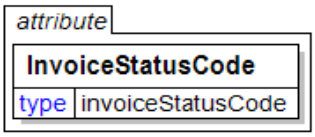
ShipmentSummary

ShipmentSummary is optional. A single instance might exist.

Summery information for an entire shipment

InvoiceStatusCode [attribute]

A code communicating the payment status of an invoice.



This item is restricted to the following list.

Unpaid

No payments were booked against this invoice.

PartiallyPaid

Payments have been booked against this invoice, but the invoice is not completely paid and cleared.

Cleared

The invoice is paid to such an extent that no other money is expected or required.

InvoiceSummary

Summary information for all items on an invoice.

(sequence)

The sequence of items below is mandatory. A single instance is required.

TotalNumberOfLineItems

TotalNumberOfLineItems is optional. A single instance might exist.

The total number of individual line items in the document, regardless of the status or type.

(sequence)

The sequence of items below is optional. Multiple instances might exist.

TotalQuantity

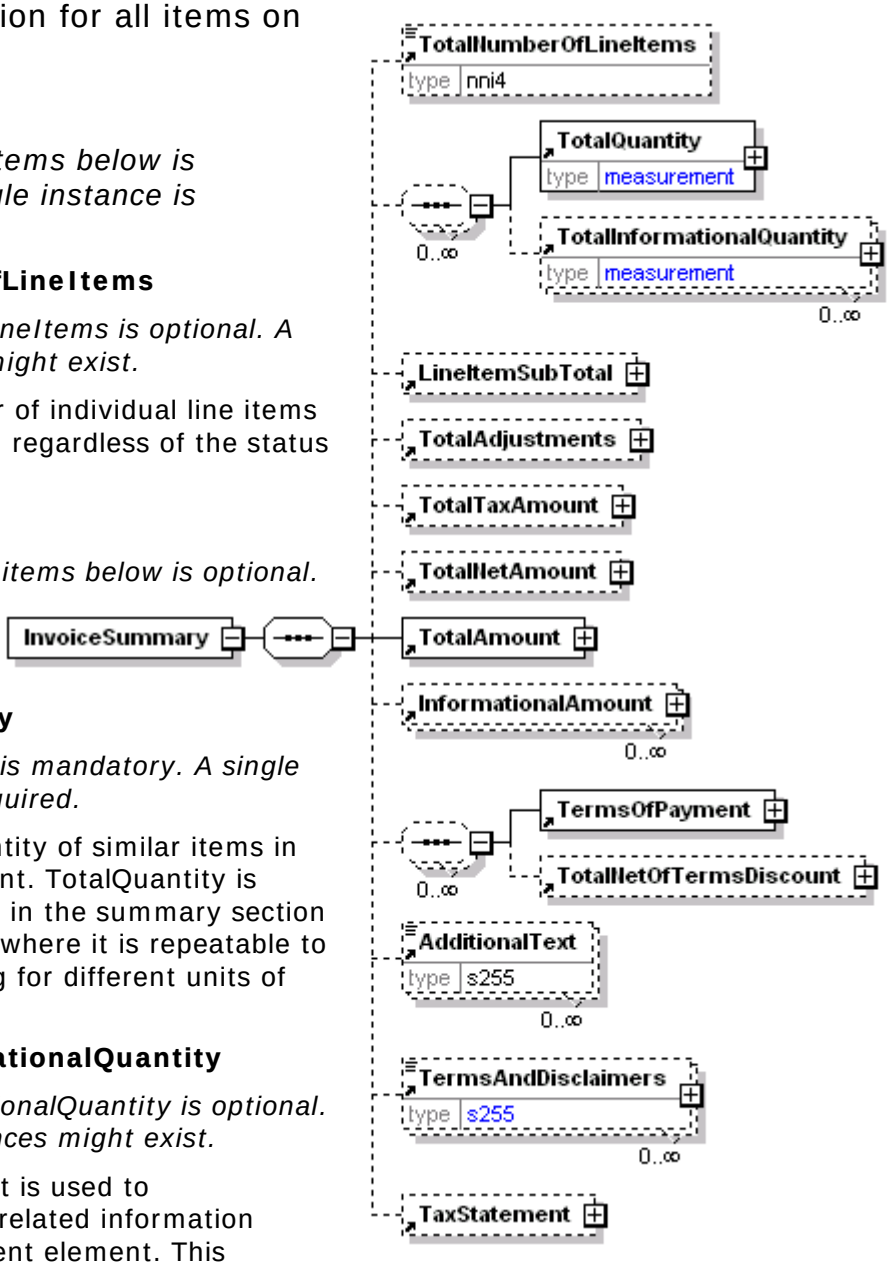
TotalQuantity is mandatory. A single instance is required.

The total quantity of similar items in the e-Document. TotalQuantity is primarily used in the summary section of documents where it is repeatable to permit totaling for different units of measure.

TotalInformationalQuantity

TotalInformationalQuantity is optional. Multiple instances might exist.

A quantity that is used to communicate related information about the parent element. This element represents a total that is derived from individual line items.



LineItemSubTotal

LineItemSubTotal is optional. A single instance might exist.

The total amount of all base amounts on e-Document line items. The base amount contains the result of the calculation quantity times the base unit price. As such it does not include any taxes. For example, in an Invoice claiming payment for products LineItemSubTotal is equal to the sum of all InvoiceLineBaseAmount.

TotalAdjustments

TotalAdjustments is optional. A single instance might exist.

TThe CurrencyValue of TotalAdjustments contains the total of all adjustments and charges excluding tax. For example, in the Invoice TotalAdjustments is equal to the sum of the signed values of the MonetaryAdjustmentAmount for all instances of MonetaryAdjustment with PriceAdjustment and FlatAmountAdjustment and plus the sum of the signed values of the ChargeNetAmount for all instances of ChargeInformation.

TotalTaxAmount

TotalTaxAmount is optional. A single instance might exist.

The CurrencyValue of TotalTaxAmount contains the sum of all instances of TaxAdjustment in the document. TotalTaxAmount contains the sum of all instances of the MonetaryAdjustmentAmount for tax adjustments.

TotalNetAmount

TotalNetAmount is optional. A single instance might exist.

A field containing total amount excluding tax. For example, in the Invoice TotalNetAmount is equal to the sum of LineItemSubTotal plus TotalAdjustments. TotalNetAmount encapsulates CurrencyValue.

TotalAmount

TotalAmount is mandatory. A single instance is required.

The total amount including tax (when tax is specified in the e-Document).

In e-Documents claiming payment this is the amount due for payment based on the terms of payment. Decimal rounding might be applied to this amount.

InformationalAmount

InformationalAmount is optional. Multiple instances might exist.

A monetary amount used for information purposes only (not for calculation). For example, the invoice price adjustment subtotal is expressed in sterling pounds, and the buyer wants this information expressed in U.S. dollars.

CreditDebitNote and Invoice - The TaxAmount is displayed in the currency that is applicable throughout the e-Document. When a TaxAmount needs to be displayed in a different national currency, this field is used.

(sequence)

The sequence of items below is optional. Multiple instances might exist.

TermsOfPayment

TermsOfPayment is mandatory. A single instance is required.

A group item that contains agreed-to terms defining when, how, and under what conditions the payment is to be made.

When TermsOfPayment is optional; if omitted, TermsOfPayment is controlled through previous negotiation.

TotalNetOfTermsDiscount

TotalNetOfTermsDiscount is optional. A single instance might exist.

The components of the amount to be paid if prompt payment discount terms are met, including the amount that is subject to the payment terms discount, the discount amount, and the amount due after prompt payment discount.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

TermsAndDisclaimers

TermsAndDisclaimers is optional. Multiple instances might exist.

An element that contains legal information with an indication of what the Language

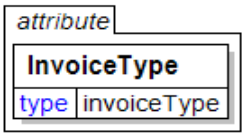
is.

TaxStatement

TaxStatement is optional. A single instance might exist.

A group element for declaration of exception from normal charges of tax and the reason for tax exemption.

InvoiceType [attribute]



Defines the various types of invoices. The Invoice has been checked and found compliant with the EU Council Directive 2001/115/EC in force from 1 January 2004 in existing EU Member States and from 1 May 2004 in the Accession Countries. Directive 2001/115/EC harmonises, simplifies and modernises invoicing obligations on traders when they sell products or services that are subject to Value Added Tax (VAT). It also creates an EU legal framework for electronic transmission and storage of invoices. Refer to http://www.eic.ie/legislation/vat_invoicing.htm for additional information.

Types of invoices not covered in this standard include:

Delcredere – An invoice sent to the party paying for a number of buyers

Factored – An invoice assigned to a third party for collection

This item is restricted to the following list.

Approximate

An invoice that is created to record ownership transfer without the material physically being moved. Typically what occurs is that the buyer has agreed to take ownership of the item at a certain point in time but has not arranged for transportation. Approximate invoices are invoices that are claiming payment.

CreditNote

Credits that are provided for amount reductions and complaints. A CreditNode will normally have a reference to an earlier issued Invoice.

DebitNote

A DebitNote claims payment for additional charges. A DebitNote normally has a reference to an earlier issued Invoice.

Duplicate

To be removed in a future version. When an invoice is reissued as a duplicate the invoice type should be the same as on the original invoice. Use attribute Reissued = Yes to indicate a duplicate.

Invoice

A regular invoice (referred to as an invoice) claims payment for products, services, and charges supplied under conditions agreed to between seller and buyer. The invoice communicates, among other things, payment terms, payment method, and the payment amount required for one or more deliveries.

PrePayment

A prepayment invoice is used as a notification of amounts to be paid in advance. It is not a legal invoice claiming payment for provided products or services.

ProForma

A pro-forma invoice is not a legal invoice claiming payment. A pro-forma invoice is an e-Document serving as a preliminary invoice, containing on the whole the same information as the final invoice, but not actually claiming payment. Pro-forma invoices are typically used in a cross-border shipment for customs purposes. Can travel with the product or be sent to a broker.

SelfBillingStatement

A SelfBillingStatement is an invoice that is prepared by the buyer of the product (or the consumer of the service) for the provider of the product or service. The preparer will pay the invoice.

Typically, logistics cost-charges are the services that are communicated. They are incurred during a certain period of time between the party who provides the logistics services (typically the party with a LogisticsRole of “LogisticsProvider”) and the requestor of such services (typically the party with a LogisticsRole of “Consignor”).

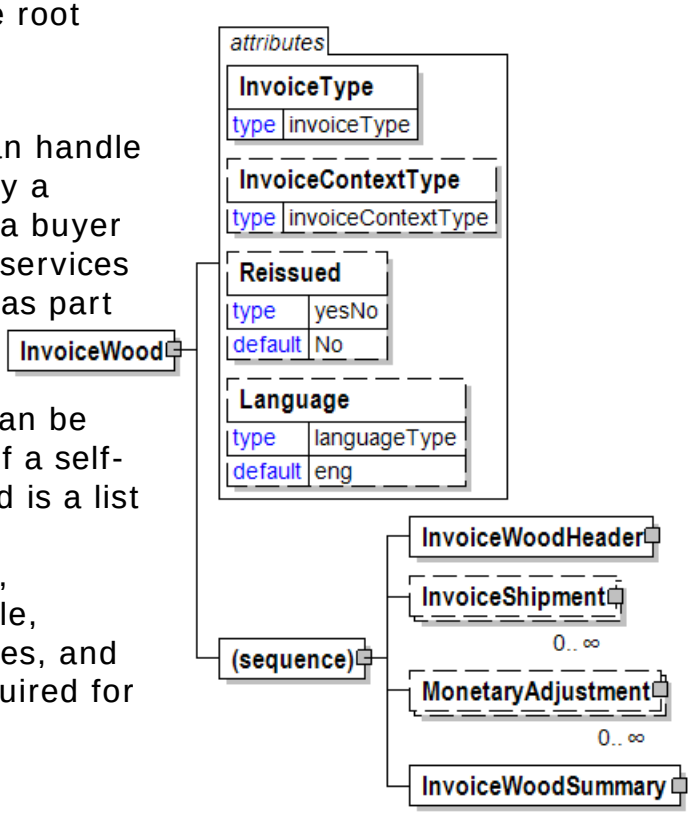
Raw materials, maintenance, repair, and operating supplies are examples of products that can be entered on a self billing statement for products. This type of invoice is also referred to as an invoice for “evaluated receipts” because it developed from the receiving department’s evaluation of their receipts and from that creating the invoice.

The SelfBillingStatement process exists when there is a great deal of trust between the trading partners that permits this cost savings business process.

InvoiceWood

The InvoiceWood element is the root element for the InvoiceWood e-Document.

An InvoiceWood e-Document can handle both debits and credits. Typically a seller sends an InvoiceWood to a buyer after delivering the products or services specified in a PurchaseOrder or as part of an automatic replenishment agreement. Alternatively, an InvoiceWood can be prepared by the buyer as part of a self-billing process. The InvoiceWood is a list of the goods shipped and their quantities, or services rendered, indicating the price, terms of sale, supplemental charges, allowances, and communicates the payment required for the indicated items.



InvoiceType [attribute]

InvoiceType is mandatory. A single instance is required.

Defines the various types of invoices. The Invoice has been checked and found compliant with the EU Council Directive 2001/115/EC in force from 1 January 2004 in existing EU Member States and from 1 May 2004 in the Accession Countries. Directive 2001/115/EC harmonises, simplifies and modernises invoicing obligations on traders when they sell products or services that are subject to Value Added Tax (VAT). It also creates an EU legal framework for electronic transmission and storage of invoices. Refer to http://www.eic.ie/legislation/vat_invoicing.htm for additional information.

Types of invoices not covered in this standard include:

Delcredere – An invoice sent to the party paying for a number of buyers

Factored – An invoice assigned to a third party for collection

Refer to InvoiceType definition for any enumerations.

InvoiceContextType [attribute]

InvoiceContextType is optional. A single instance might exist.

Indicates the nature of what is included in the invoice.

Refer to InvoiceContextType definition for any enumerations.

Reissued [attribute]

Reissued is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Reissued definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

InvoiceWoodHeader

InvoiceWoodHeader is mandatory. A single instance is required.

This element contains the information that is consistent for the entire InvoiceWood document.

InvoiceShipment

InvoiceShipment is optional. Multiple instances might exist.

Shipment grouping for invoiced items.

MonetaryAdjustment

MonetaryAdjustment is optional. Multiple instances might exist.

The element containing the information necessary for the understanding, calculation, and treatment of an adjustment to a currency amount. MonetaryAdjustment contains an attribute that indicates they type of adjustment being communicated.

InvoiceWoodSummary

InvoiceWoodSummary is mandatory. A single instance is required.

Summary information that applies to all items on a Wood Market Segment Invoice.

InvoiceWoodHeader

This element contains the information that is consistent for the entire InvoiceWood document.

(sequence)

The sequence of items below is mandatory. A single instance is required.

InvoiceNumber

InvoiceNumber is mandatory. A single instance is required.

The identification number of the papiNet e-Document Invoice. This number uniquely identifies documents for all InvoiceType such as Invoice, DebitNote, CreditNote, Approximate, SelfBillingStatement etc

InvoiceDate

InvoiceDate is mandatory. A single instance is required.

A date that is qualifying the invoicing period. This date often drives payment terms. Note that this date is not necessarily the same as the issue date of the invoice.

OtherDate

OtherDate is optional. Multiple instances might exist.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

InvoiceReference

InvoiceReference is optional. Multiple instances might exist.

A group item detailing relevant references pertaining to the invoice e-Document. InvoiceReferenceType describes the content.

BillToParty

BillToParty is mandatory. A single instance is required.

The address where the invoice is to be sent.

SupplierParty

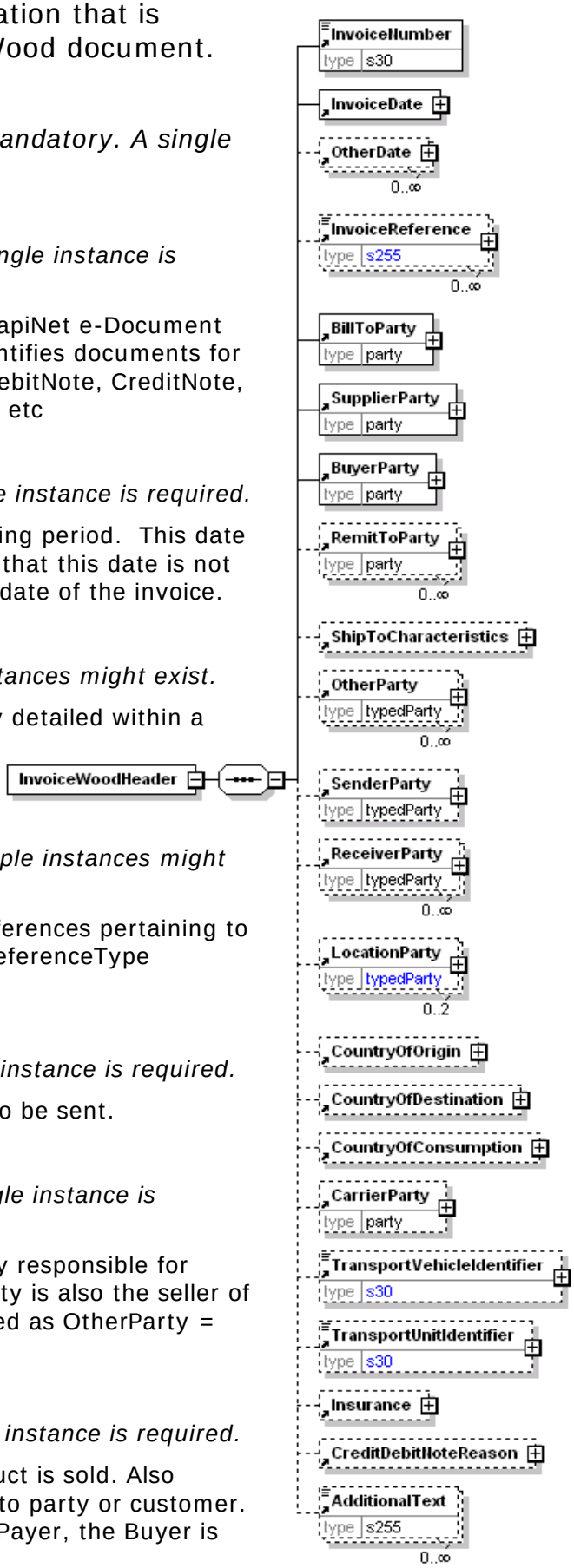
SupplierParty is mandatory. A single instance is required.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

BuyerParty

BuyerParty is mandatory. A single instance is required.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.



RemitToParty

RemitToParty is optional. Multiple instances might exist.

A group item containing details of the party to whom payment will be made. The RemitToParty contains all information related to remittance.

ShipToCharacteristics

ShipToCharacteristics is optional. A single instance might exist.

A group item that provides information important for the Ship-To Party.

ShipToCharacteristics may be referenced at both the header and line item level. The reference at the header is required and acts as a default for the value at the line level, unless overridden at the line level.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

SenderParty

SenderParty is optional. A single instance might exist.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is optional. Multiple instances might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

LocationParty

LocationParty is optional.

The organization or business entity where the business event took place or will take place.

CountryOfOrigin

CountryOfOrigin is optional. A single instance might exist.

The country of origin for the material.

CountryOfDestination

CountryOfDestination is optional. A single instance might exist.

The country where the goods will be, or were, shipped to.

CountryOfConsumption

CountryOfConsumption is optional. A single instance might exist.

The country of consumption for the material.

CarrierParty

CarrierParty is optional. A single instance might exist.

The party performing the transport of the product from the pickup location to the ship-to location; could be a hauler.

TransportVehicleIdentifier

TransportVehicleIdentifier is optional. A single instance might exist.

The identifier of the transport vehicle (license plate number, voyage number, or vessel name). TransportVehicleIdentifier contains the TransportVehicleIdentifierType attribute.

TransportUnitIdentifier

TransportUnitIdentifier is optional. A single instance might exist.

The identifier of the transport unit, such as a container ID It could be a license plate number if the transport unit is the vehicle at the same time. The type of identifier is indicated by the TransportUnitIdentifierType.

Insurance

Insurance is optional. A single instance might exist.

Group element containing information about insurance

CreditDebitNoteReason

CreditDebitNoteReason is optional. A single instance might exist.

A group item containing the reason for the entire CreditDebitNote.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

InvoiceWoodLineItem

Specific information for a given item on an Invoice.

Note Business Rule IVW017: At least one instance of either the Product or ChargeOrAllowance elements is required.

(sequence)

The sequence of items below is mandatory. A single instance is required.

InvoiceLineNumber

InvoiceLineNumber is mandatory. A single instance is required.

The sequential number that uniquely identifies the invoice line item. It may enable the invoice to be printed, viewed, or discussed in a common order.

PurchaseOrderInformation

PurchaseOrderInformation is optional. A single instance might exist.

A group item containing information unique to this PurchaseOrder, which is provided by the buyer. PurchaseOrderInformation can be optional in the supply chain. Invoices are created without having a PurchaseOrder in Vendor Managed Inventory. Freight invoices also will not have a PurchaseOrder number.

PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber is optional. A single instance might exist.

The sequential number that uniquely identifies the PurchaseOrder line item.

DocumentReferenceInformation

DocumentReferenceInformation is optional. Multiple instances might exist.

A group item containing reference information applicable to a document.

EndsDiscountInformation

EndsDiscountInformation is optional. A single instance might exist.

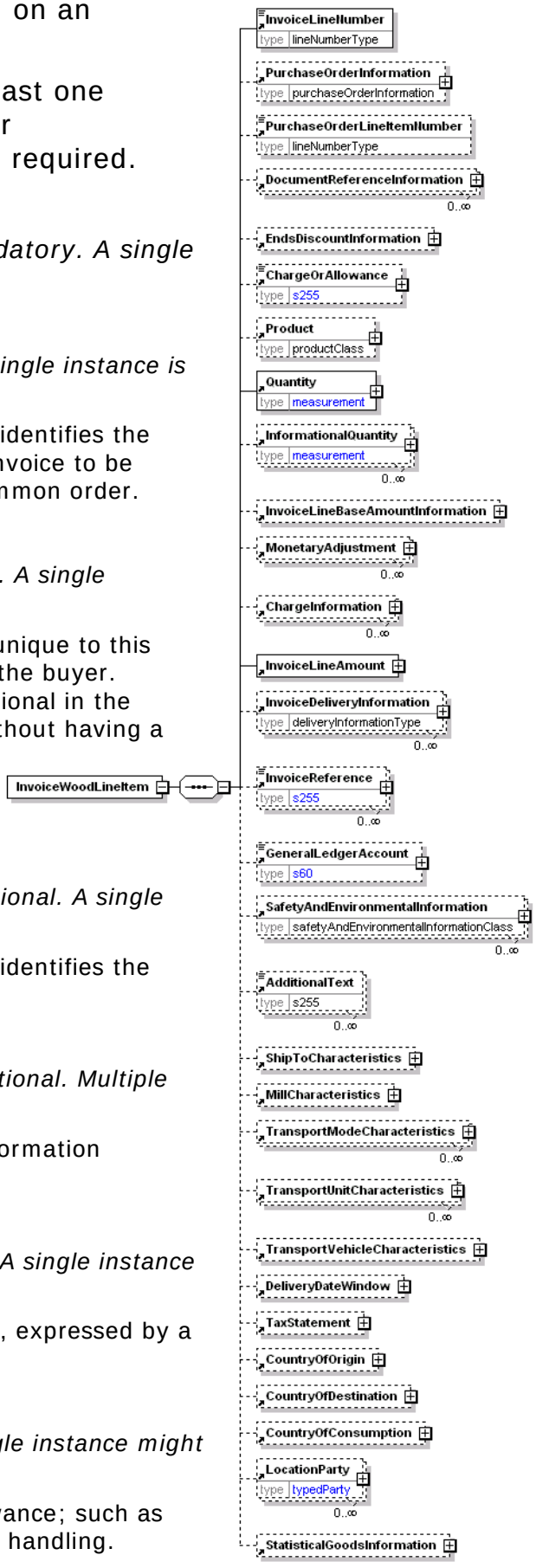
Rule for calculating the ends discount, expressed by a code.

ChargeOrAllowance

ChargeOrAllowance is optional. A single instance might exist.

The description of the charge or allowance; such as freight, special handling, and stop-off handling.

Product



Product is optional. A single instance might exist.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

InvoiceLineBaseAmountInformation

InvoiceLineBaseAmountInformation is optional. A single instance might exist.

A group item containing the price per unit and the invoice price amount subtotal.

MonetaryAdjustment

MonetaryAdjustment is optional. Multiple instances might exist.

The element containing the information necessary for the understanding, calculation, and treatment of an adjustment to a currency amount. MonetaryAdjustment contains an attribute that indicates they type of adjustment being communicated.

ChargeInformation

ChargeInformation is optional. Multiple instances might exist.

A group element that contains elements that describe a charge. ChargeInformation is used when charge details need to be specified by using a code assigned by an agency. It is typically used for freight costs and other costs related to the supply chain.

InvoiceLineAmount

InvoiceLineAmount is mandatory. A single instance is required.

The total invoice amount per line including adjustments, charges and tax (when tax is specified on the invoice line item).

InvoiceLineAmount is equal to the InvoiceLineBaseAmount plus the sum of the signed values of the MonetaryAdjustmentAmount for all instances of MonetaryAdjustment and plus the sum of the signed values of the ChargeAmount for all instances of ChargeInformation.

InvoiceDeliveryInformation

InvoiceDeliveryInformation is optional. Multiple instances might exist.

A group item that contains delivery information for invoice purposes. The delivery information that is contained will be similar to that on the DeliveryMessage.

InvoiceReference

InvoiceReference is optional. Multiple instances might exist.

A group item detailing relevant references pertaining to the invoice e-Document. InvoiceReferenceType describes the content.

GeneralLedgerAccount

GeneralLedgerAccount is optional. A single instance might exist.

The general ledger account to be referenced for the item.

SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency).

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

ShipToCharacteristics

ShipToCharacteristics is optional. A single instance might exist.

A group item that provides information important for the Ship-To Party.

ShipToCharacteristics may be referenced at both the header and line item level. The reference at the header is required and acts as a default for the value at the line level, unless overridden at the line level.

MillCharacteristics

MillCharacteristics is optional. A single instance might exist.

A group item defining the mill party and machine identifier where a product is or was produced.

TransportModeCharacteristics

TransportModeCharacteristics is optional and repeatable .Multiple instances might exist.

A group item defining the primary mode of transport.

TransportUnitCharacteristics

TransportUnitCharacteristics is optional. Multiple instances might exist.

A group item containing information about a transport unit, e.g. a trailer. Transport units contain goods and move using power from another source, the transport vehicle.

TransportVehicleCharacteristics

TransportVehicleCharacteristics is optional. A single instance might exist.

A group item containing information about a transport vehicle, e.g. a truck. A transport vehicle has its own power and can be used to pull, push, carry, or tow a transport unit loaded with goods.

DeliveryDateWindow

DeliveryDateWindow is optional. A single instance might exist.

A group item defining the date/time interval for delivery to take place. An element which may contain the estimated date for which delivery is expected. This date is not absolute.

TaxStatement

TaxStatement is optional. A single instance might exist.

A group element for declaration of exception from normal charges of tax and the reason for tax exemption.

CountryOfOrigin

CountryOfOrigin is optional. A single instance might exist.

The country of origin for the material.

CountryOfDestination

CountryOfDestination is optional. A single instance might exist.

The country where the goods will be, or were, shipped to.

CountryOfConsumption

CountryOfConsumption is optional. A single instance might exist.

The country of consumption for the material.

LocationParty

LocationParty is optional. Multiple instances might exist.

The organization or business entity where the business event took place or will take place.

StatisticalGoodsInformation

StatisticalGoodsInformation is optional. A single instance might exist.

A group item containing statistical information about handled or traded goods.

InvoiceWoodSummary

Summary information that applies to all items on a Wood Market Segment Invoice.

(sequence)

The sequence of items below is mandatory. A single instance is required.

TotalNumberOfLineItems

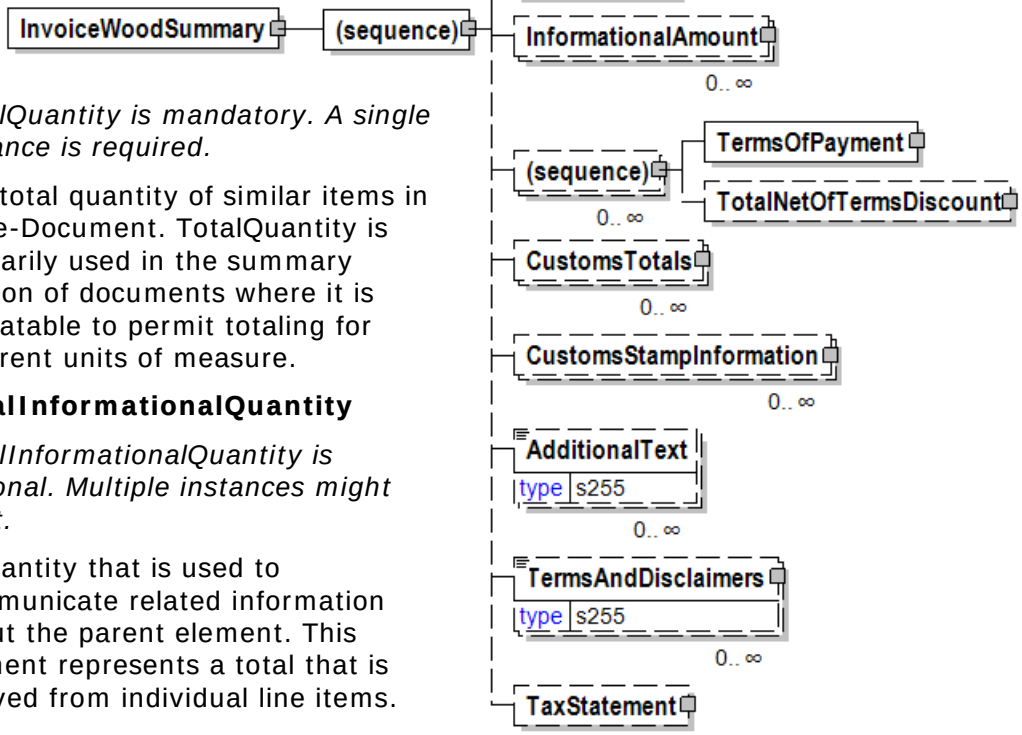
TotalNumberOfLineItems is mandatory. A single instance is required.

The total number of individual line items in the document, regardless of the status or type.

(sequence)

The sequence of items below is mandatory. One instance is required, multiple instances might exist.

TotalQuantity



TotalQuantity is mandatory. A single instance is required.

The total quantity of similar items in the e-Document. TotalQuantity is primarily used in the summary section of documents where it is repeatable to permit totaling for different units of measure.

TotalInformationalQuantity

TotalInformationalQuantity is optional. Multiple instances might exist.

A quantity that is used to communicate related information about the parent element. This element represents a total that is derived from individual line items.

LineItemSubTotal

LineItemSubTotal is optional. A single instance might exist.

The total amount of all base amounts on e-Document line items. The base amount contains the result of the calculation quantity times the base unit price. As such it does not include any taxes. For example, in an Invoice claiming payment for products LineItemSubTotal is equal to the sum of all InvoiceLineBaseAmount.

TotalAdjustments

TotalAdjustments is optional. A single instance might exist.

The CurrencyValue of TotalAdjustments contains the total of all adjustments and charges excluding tax. For example, in the Invoice TotalAdjustments is equal to the

sum of the signed values of the MonetaryAdjustmentAmount for all instances of MonetaryAdjustment with PriceAdjustment and FlatAmountAdjustment and plus the sum of the signed values of the ChargeNetAmount for all instances of ChargeInformation.

TotalTaxAmount

TotalTaxAmount is optional. A single instance might exist.

The CurrencyValue of TotalTaxAmount contains the sum of all instances of TaxAdjustment in the document. TotalTaxAmount contains the sum of all instances of the MonetaryAdjustmentAmount for tax adjustments.

TotalFASAmount

TotalFASAmount is optional. A single instance might exist.

TotalFASAmount is the total Free Alongside Ship value.

TotalNetAmount

TotalNetAmount is optional. A single instance might exist.

A field containing total amount excluding tax. For example, in the Invoice TotalNetAmount is equal to the sum of LineItemSubTotal plus TotalAdjustments. TotalNetAmount encapsulates CurrencyValue.

TotalAmount

TotalAmount is mandatory. A single instance is required.

The total amount including tax (when tax is specified in the e-Document).

In e-Documents claiming payment this is the amount due for payment based on the terms of payment. Decimal rounding might be applied to this amount.

InformationalAmount

InformationalAmount is optional. Multiple instances might exist.

A monetary amount used for information purposes only (not for calculation). For example, the invoice price adjustment subtotal is expressed in sterling pounds, and the buyer wants this information expressed in U.S. dollars.

CreditDebitNote and Invoice - The TaxAmount is displayed in the currency that is applicable throughout the e-Document. When a TaxAmount needs to be displayed in a different national currency, this field is used.

(sequence)

The sequence of items below is optional. Multiple instances might exist.

TermsOfPayment

TermsOfPayment is mandatory. A single instance is required.

A group item that contains agreed-to terms defining when, how, and under what conditions the payment is to be made.

When TermsOfPayment is optional; if omitted, TermsOfPayment is controlled through previous negotiation.

TotalNetOfTermsDiscount

TotalNetOfTermsDiscount is optional. A single instance might exist.

The components of the amount to be paid if prompt payment discount terms are met, including the amount that is subject to the payment terms discount, the discount amount, and the amount due after prompt payment discount.

CustomsTotals

CustomsTotals is optional. Multiple instances might exist.

A grouping element for customs total information.

CustomsStampInformation

CustomsStampInformation is optional. Multiple instances might exist.

A grouping element that organises the information for customs.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

TermsAndDisclaimers

TermsAndDisclaimers is optional. Multiple instances might exist.

An element that contains legal information with an indication of what the Language is.

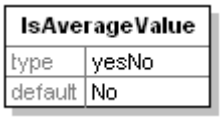
TaxStatement

TaxStatement is optional. A single instance might exist.

A group element for declaration of exception from normal charges of tax and the reason for tax exemption.

IsAverageValue [attribute]

Indicates if the value is an average value or not.



This item is restricted to the following list.

Yes

No

IsBindingHandSeparation [attribute]

Indicates if there is hand separation required or not for books with odd page counts.

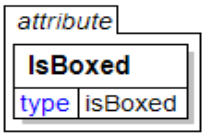


This item is restricted to the following list.

Yes

No

IsBoxed [attribute]



This item is restricted to the following list.

Yes

Indicates that the operation should be performed and the specifications are included in the e-Document.

No

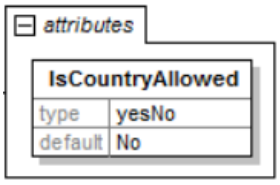
Indicates that the operation will not be performed.

StandardOperatingProcedure

Indicates the operation should be performed according to the Standard Operating Procedure manual provided by the customer that contains all procedures required for conducting business.

IsCountryAllowed [attribute]

Indicates if sale or distribution of the product is allowed or not allowed in the country.



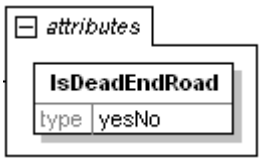
This item is restricted to the following list.

Yes

No

IsDeadEndRoad [attribute]

A road with only one way in or out.



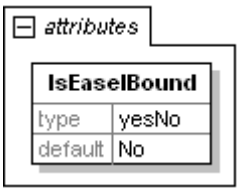
This item is restricted to the following list.

Yes

No

IsEaselBound [attribute]

Specifies if the binding is at the top of the pages or not rather than on the side which changes the pagination of the pages.



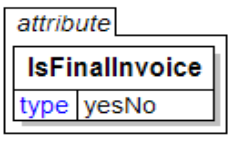
This item is restricted to the following list.

Yes

No

IsFinalInvoice [attribute]

Communicates to the receiver that this is the last invoice so that the customer can “close out” the associated PO as completely invoiced.



This item is restricted to the following list.

Yes

No

IsForestWoodReject [attribute]

Specifies if the product is a reject or not.

This item is restricted to the following list.

Yes

No



IsHalftones [attribute]

Indicates if the images are halftones or not.

This item is restricted to the following list.

Yes

No



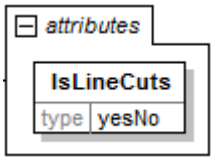
IsLineCuts [attribute]

Indicates if images are Line Cuts or not.

This item is restricted to the following list.

Yes

No

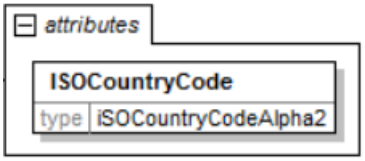


ISOCountryCode [attribute]

The valid Alpha 2-character list of ISO Country Codes.

Information on the content of this attribute is available at:

https://www.iso.org/obp/ui/#search



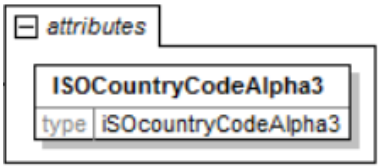
ISOCountryCodeAlfa3 [attribute]

The valid list of ISO Country Codes.

The valid Alpha 3-character list of ISO Country Codes.

Information on the content of this attribute is available at:

https://www.iso.org/obp/ui/#search



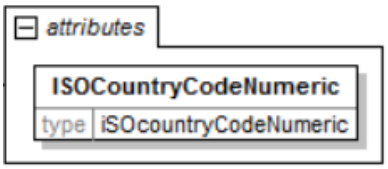
ISOCountryCodeNumeric [attribute]

The valid list of ISO Country Codes.

The The valid Numeric 3-digit list of ISO Country Codes.

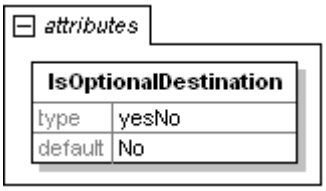
Information on the content of this attribute is available at:

https://www.iso.org/obp/ui/#search



IsOptionalDestination [attribute]

Specifies if the Destination is optional or not. The default value is “No”.



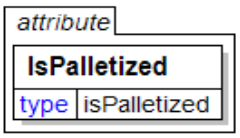
This item is restricted to the following list.

Yes

No (default)

IsPalletized [attribute]

The buyer's directions for how the item is to be palletized.



This item is restricted to the following list.

Yes

Indicates that the operation should be performed and the specifications are included in the e-Document.

No

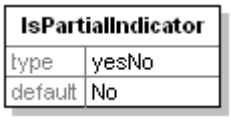
Indicates that the operation will not be performed.

StandardOperatingProcedure

Indicates the operation should be performed according to the Standard Operating Procedure manual provided by the customer that contains all procedures required for conducting business.

IsPartialIndicator [attribute]

Specifies if the container (e.g. pallet, box) is partially full or not.



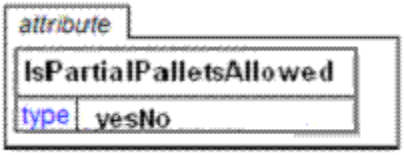
This item is restricted to the following list.

Yes

No

IsPartialPalletsAllowed [attribute]

Indicates if partial pallets are allowed or not.



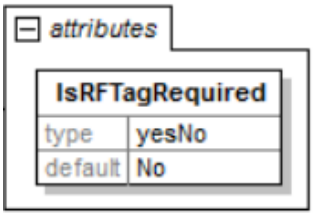
This item is restricted to the following list.

Yes

No

IsRFTagRequired [attribute]

Indicates that RFTag application is required in the manufacturing and carton packaging processes.



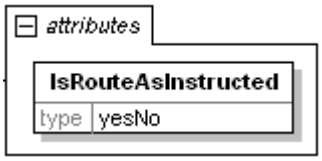
This item is restricted to the following list.

Yes

No

IsRouteAsInstructed [attribute]

Indicates if the route is the same as the earlier instructed route, e.g. in a DeliveryInstruction e-Document. A route is indicated as not the same if any route information is different compared to the earlier instructed route. It is recommended to inform the reason for the change/new of the route.



This item is restricted to the following list.

Yes

No

IsSlotManaged [attribute]

Specifies if the activity is managed by given slot times for execution of the activity. For example given slot times for unloading of a transport unit.



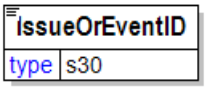
This item is restricted to the following list.

Yes

No

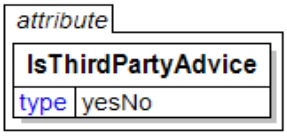
IssueOrEventID

Used to communicate the identifier for a job.



IsThirdPartyAdvice [attribute]

An advice to a third party of a ShippingInstructions.



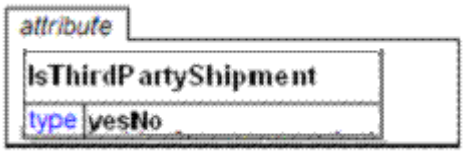
This item is restricted to the following list.

Yes

No

IsThirdPartyShipment [attribute]

Shipment request to a party other than the party that ordered the product from the supplier



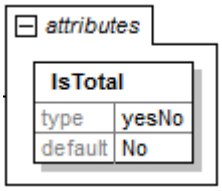
This item is restricted to the following list.

Yes

No

IsTotal [attribute]

Specifies if the value is the total value or not.



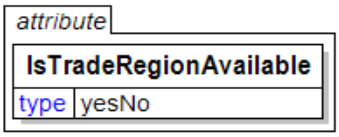
This item is restricted to the following list.

Yes

No

IsTradeRegionAvailable [attribute]

Is the geographic area available or not.



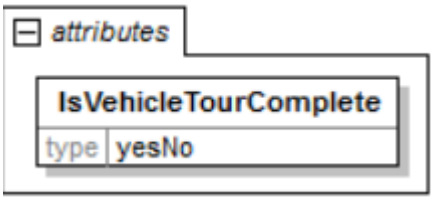
This item is restricted to the following list.

Yes

No

IsVehicleTourComplete [attribute]

Indicates whether all legs for the particular vehicle tour referenced by VehicleTourNumber are carried out or not.



This item is restricted to the following list.

Yes

No

IsWithLoad [attribute]

Indicates if a vehicle is carrying a load or if it is possible to carry a load or not.



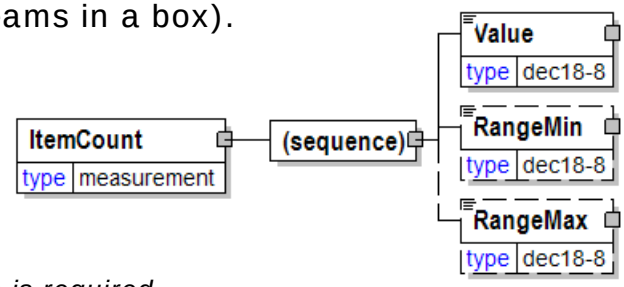
This item is restricted to the following list.

Yes

No

ItemCount

A count of the number of items (examples: a count of the number of boxes on a pallet or of reams in a box).



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

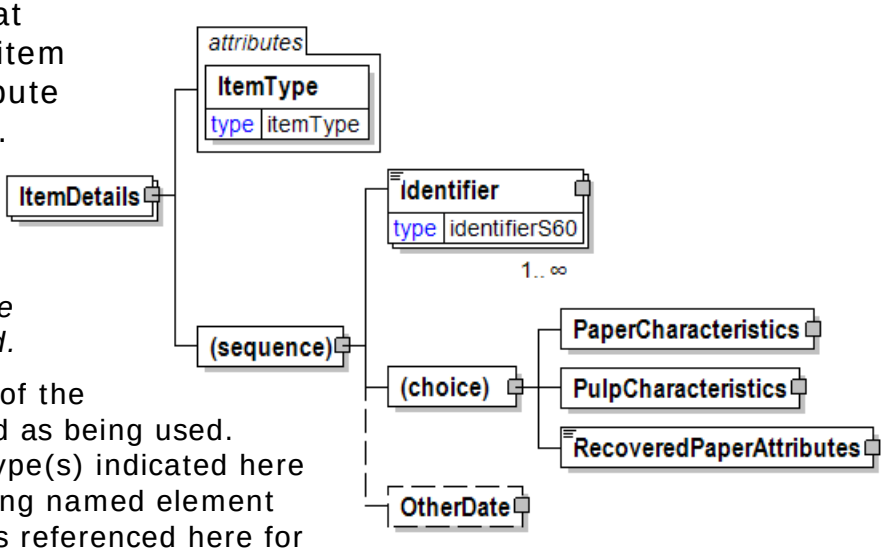
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

ItemDetails

A group element that identifies a specific item and measured attribute values for that item.



ItemType [attribute]

ItemType is mandatory. A single instance is required.

Indicates the form of the item being reported as being used. Many of the ItemType(s) indicated here have a corresponding named element equivalent, which is referenced here for definition purposes.

Refer to ItemType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Identifier

Identifier is mandatory. One instance is required, multiple instances might exist.

An Identifier is required for packages and items (pallets, reel packages, boxes,

ream items, reel items, etc). The Identifier element contains the actual item identifier code. Identifier is repeatable so more than one identifier can be communicated. For example, the printed identifier on a label may be different from the barcode printed on the label.

(choice)

[choice] is optional because of choice construct.

PaperCharacteristics

PaperCharacteristics is optional because of choice construct.

The identifying characteristics of paper most important to the ordering of the item. These are the characteristics that, when associated with a given grade, allow the manufacturer to produce but not convert or package, the paper.

PulpCharacteristics

PulpCharacteristics is optional because of choice construct.

The physical and chemical characteristics of the pulp product regardless of the form that it is taking.

RecoveredPaperAttributes

RecoveredPaperAttributes is optional because of choice construct.

The attributes of Recovered Paper.

OtherDate

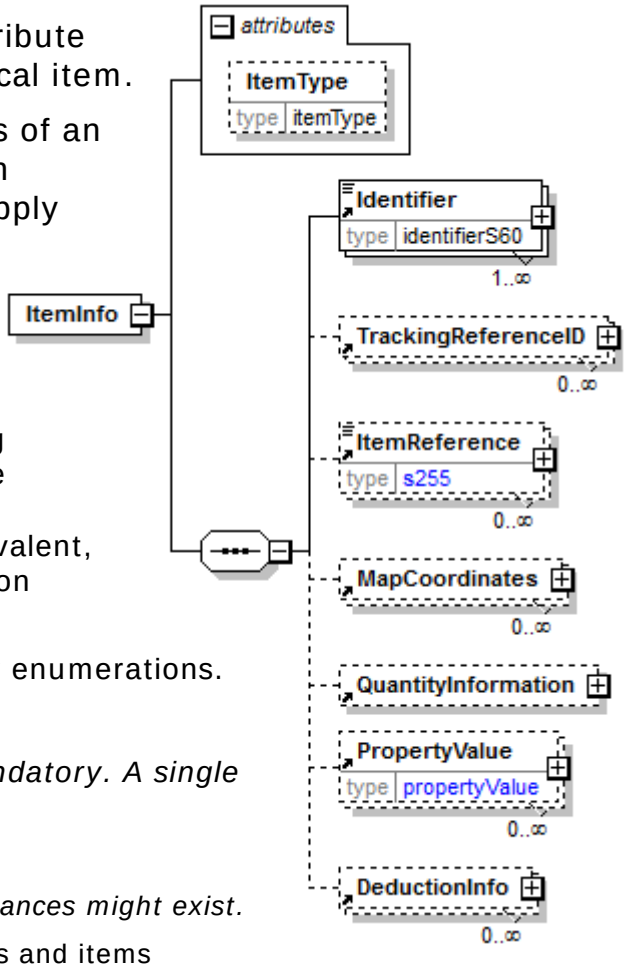
OtherDate is optional. A single instance might exist.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

ItemInfo

A grouping element that contains information about an item. The attribute ItemType defines the type of physical item.

Item Info describes property values of an item as well as tracking information between items processed in the supply chain.



ItemType [attribute]

ItemType is optional. A single instance might exist.

Indicates the form of the item being reported as being used. Many of the ItemType(s) indicated here have a corresponding named element equivalent, which is referenced here for definition purposes.

Refer to ItemType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Identifier

Identifier is mandatory. Multiple instances might exist.

An Identifier is required for packages and items (pallets, reel packages, boxes, ream items, reel items, etc). The Identifier element contains the actual item identifier code. Identifier is repeatable so more than one identifier can be communicated. For example, the printed identifier on a label may be different from the barcode printed on the label.

TrackingReferenceID

TrackingReferenceID is optional. Multiple instances might exist.

A grouping element that defines tracking references between items processed in the supply chain.

ItemReference

ItemReference is optional. Multiple instances might exist.

An element detailing relevant references pertaining to the Item as indicated by ItemReferenceType and AssignedBy.

MapCoordinates

MapCoordinates is optional. Multiple instances might exist.

A group item defining and containing position co-ordinates of a location

QuantityInformation

QuantityInformation is optional A single instance might exist.

A group item containing information about quantity and informational quantity of similar items.

PropertyValue

PropertyValue is optional. Multiple instances might exist.

Specifies a value for a property of an item. The property is defined by the attribute PropertyType. The attribute MeasuringMethod and MeasuringAgency can be used to clarify details for a how a property is measured or calculated, e.g. Diameter for a saw log can be measured “Under Bark” or “Over Bark”. The attribute MeasuringMethodType defines how the value is created, e.g. measured automatically, calculated etc. The attribute IsAverageValue indicates if the value is an average value or not.

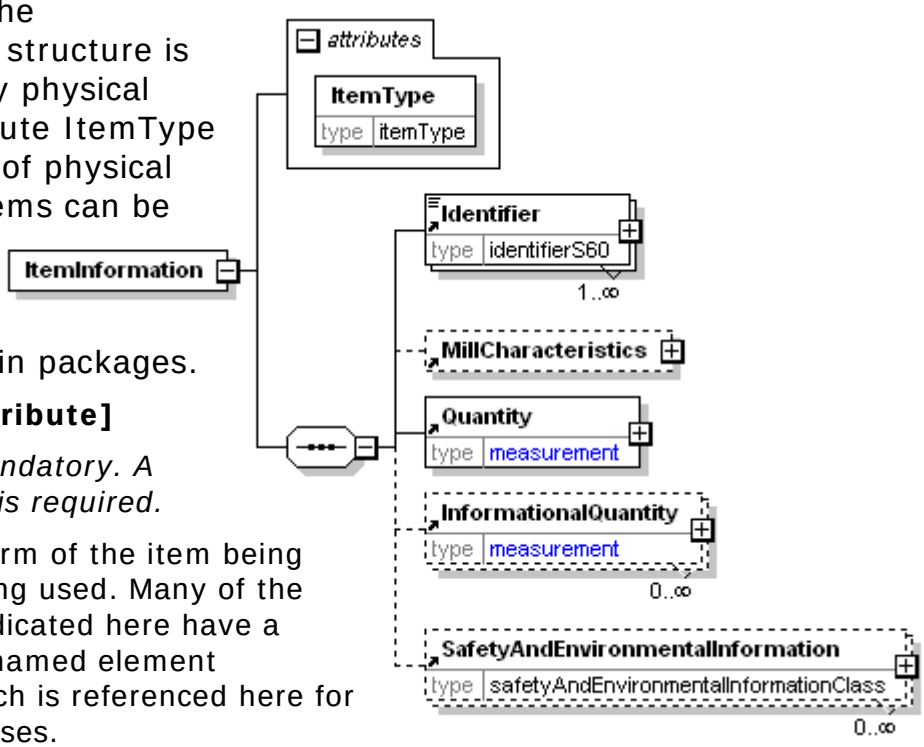
DeductionInfo

DeductionInfo is optional. Multiple instances might exist.

A grouping element that contains information about deductions of quantities.

ItemInformation

The purpose of the ItemInformation structure is to clearly identify physical items. The attribute ItemType defines the type of physical item. Physical items can be handling units like packages as well as items contained in packages.



ItemType [attribute]

ItemType is mandatory. A single instance is required.

Indicates the form of the item being reported as being used. Many of the ItemType(s) indicated here have a corresponding named element equivalent, which is referenced here for definition purposes.

Refer to ItemType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Identifier

Identifier is mandatory. One instance is required, multiple instances might exist.

An Identifier is required for packages and items (pallets, reel packages, boxes, ream items, reel items, etc). The Identifier element contains the actual item identifier code. Identifier is repeatable so more than one identifier can be communicated. For example, the printed identifier on a label may be different from the barcode printed on the label.

MillCharacteristics

MillCharacteristics is optional. A single instance might exist.

A group item defining the mill party and machine identifier where a product is or

was produced.

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

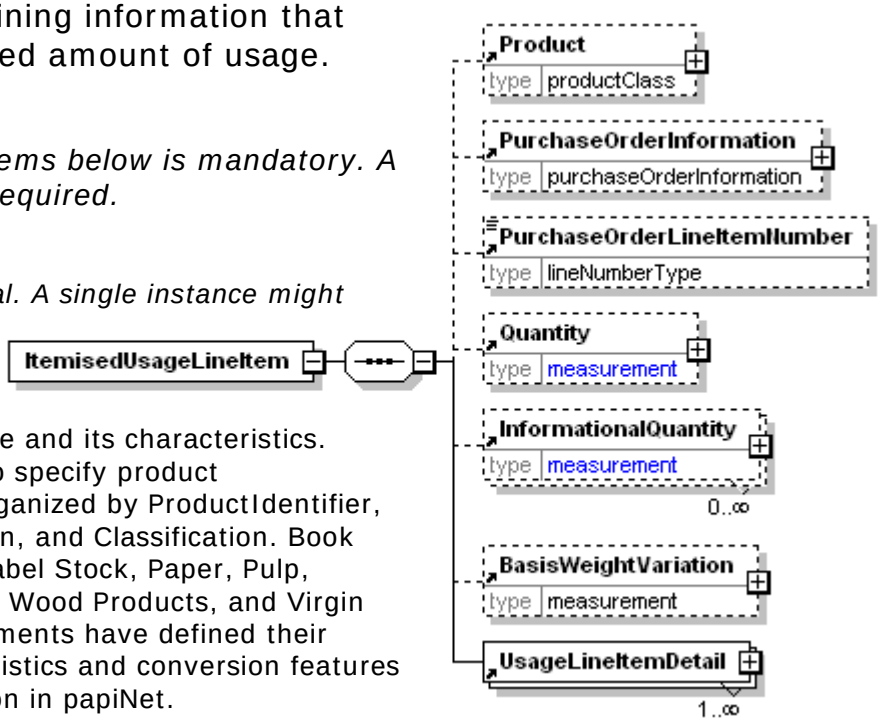
Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency.

ItemisedUsageLineItem

A group item containing information that relates to an itemized amount of usage.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Product

Product is optional. A single instance might exist.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

PurchaseOrderInformation

PurchaseOrderInformation is optional. A single instance might exist.

A group item containing information unique to this PurchaseOrder, which is provided by the buyer. PurchaseOrderInformation can be optional in the supply

chain. Invoices are created without having a PurchaseOrder in Vendor Managed Inventory. Freight invoices also will not have a PurchaseOrder number.

PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber is optional. A single instance might exist.

The sequential number that uniquely identifies the PurchaseOrder line item.

Quantity

Quantity is optional. A single instance might exist.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

BasisWeightVariation

BasisWeightVariation is optional. A single instance might exist.

BasisWeightVariation is the measured difference between the mill target basis weight and the mill actual basis weight.

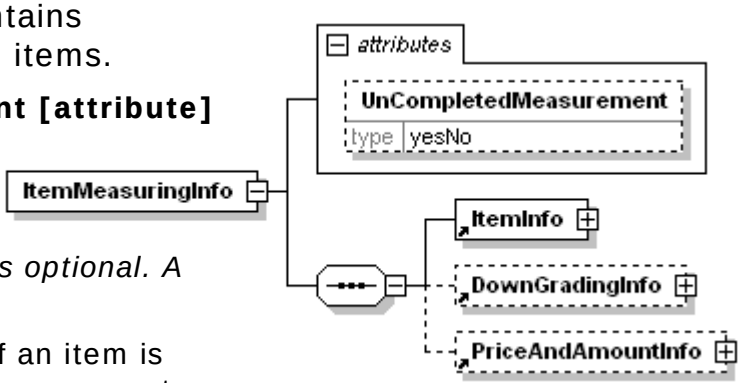
UsageLineItemDetail

UsageLineItemDetail is mandatory. One instance is required, multiple instances might exist.

For each ItemisedUsageLineItem there must be one or more UsageLineItemDetail. This element lists the specific product that has been consumed.

ItemMeasuringInfo

A grouping element that contains information about measured items.



UnCompletedMeasurement [attribute]

UnCompletedMeasurement is optional. A single instance might exist.

Indicates if the measuring of an item is uncompleted, i.e. if some measurement values are missing.

Refer to UnCompletedMeasurement definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ItemInfo

ItemInfo is mandatory. A single instance is required.

A grouping element that contains information about an item. The attribute ItemType defines the type of physical item. Item Info describes property values of an item as well as tracking information between items processed in the supply chain.

DownGradingInfo

DownGradingInfo is optional. A single instance might exist.

A grouping element that contains information about downgrading of products.

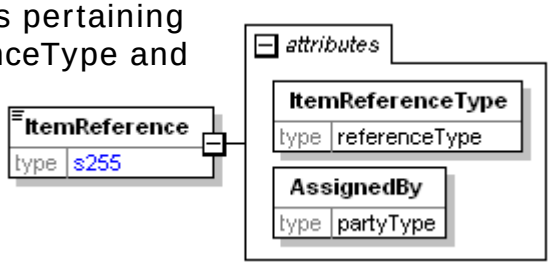
PriceAndAmountInfo

PriceAndAmountInfo is optional. A single instance might exist.

A grouping element that contains information about price and amounts.

ItemReference

An element detailing relevant references pertaining to the Item as indicated by ItemReferenceType and AssignedBy.



ItemReferenceType [attribute]

ItemReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to ItemReferenceType definition for any enumerations.

AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

ItemReferenceType [attribute]



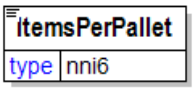
Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, Warehouse” or Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be

removed. Instead the attribute AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

ItemsPerPallet

The number of items on the pallet (either reels or sheet or sheet-package).



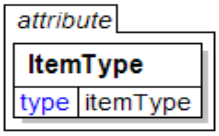
ItemsPerTier

Number of items on each full tier, e.g. number of boxes, gaylords, loose books etc. on a tier on a pallet.



ItemType [attribute]

Indicates the form of the item being reported as being used. Many of the ItemType(s) indicated here have a corresponding named element equivalent, which is referenced here for definition purposes.



This item is restricted to the following list.

BaleItem

Box

BoxItem

CalibrationCheckItem

An item used for calibration checks of measuring equipments.

Log

A cut portion of a stem.

LogBundle

A bundle of logs (a virtual type of item).

LogMultiProduct

A log composed of several virtual log segments with different products.

LogPile

A pile of logs (a virtual type of package).

LogSegment

An uncut virtual portion of a multi product log.

LooseVolumeItem

A unit containing loose volume products (during transports) (a type of virtual package).

Pallet

PulpUnit

ReamItem

ReelItem

ReelPackage

Stem

A tree without branches.

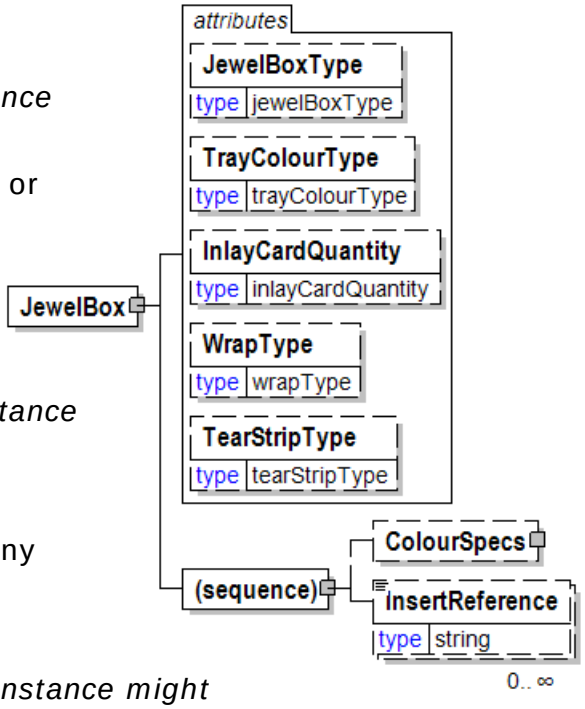
Tambour

TransportUnit

A transport unit contains goods and moves using power from another source, the transport vehicle, e.g. a RailCar, a Trailer, a DrawbarCombinations etc.

JewelBox

Jewel box.



JewelBoxType [attribute]

JewelBoxType is optional. A single instance might exist.

The type of jewel box (container for CD or DVD).

Refer to JewelBoxType definition for any enumerations.

TrayColourType [attribute]

TrayColourType is optional. A single instance might exist.

The type of tray colour.

Refer to TrayColourType definition for any enumerations.

InlayCardQuantity [attribute]

InlayCardQuantity is optional. A single instance might exist.

Inlay card quantity

Refer to InlayCardQuantity definition for any enumerations.

WrapType [attribute]

WrapType is optional. A single instance might exist.

Communicates the type of material used to wrap the product.

Refer to WrapType definition for any enumerations.

TearStripType [attribute]

TearStripType is optional. A single instance might exist.

Tear Strip Type

Refer to TearStripType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ColourSpecs

ColourSpecs is optional. A single instance might exist.

Colour specs

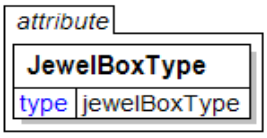
InsertReference

InsertReference is optional. Multiple instances might exist.

Insert reference

JewelBoxType [attribute]

The type of jewel box (container for CD or DVD).



This item is restricted to the following list.

Double

JewelBox holds 2 CDs.

DoubleSlimLine

DoubleSlimLineLiveHinge

MidFrameDouble2SingleTray

MidFrameDouble2LiveHinge

Quad3-4CDs

Quad5CDs

Quad6CDs

Single

JewelBox holds a single CD.

StandardSingleTray

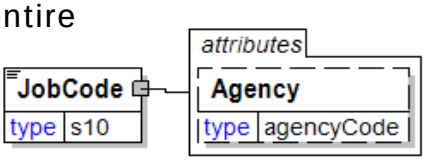
Triple

JewelBox holds a single CD.

Other

JobCode

The particular identification code of printing an entire request known as a job.



Agency [attribute]

Agency is optional. A single instance might exist.

Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

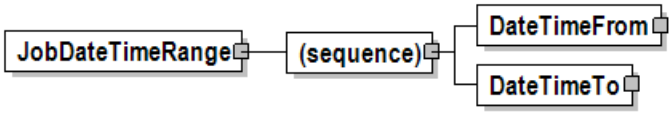
Refer to Agency definition for any enumerations.

JobDateTimeRange

The specification of the date range for the job.

(sequence)

The sequence of items below is mandatory. A single instance is required.



DateTimeFrom

DateTimeFrom is mandatory. A single instance is required.

The start or beginning Date and Time of a date range.

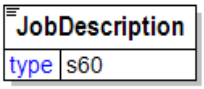
DateTimeTo

DateTimeTo is mandatory. A single instance is required.

The ending Date and Time of a date/time range.

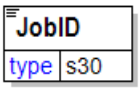
JobDescription

A textual description of the job.



JobID

An element used to communicate the unique identifier of the Job

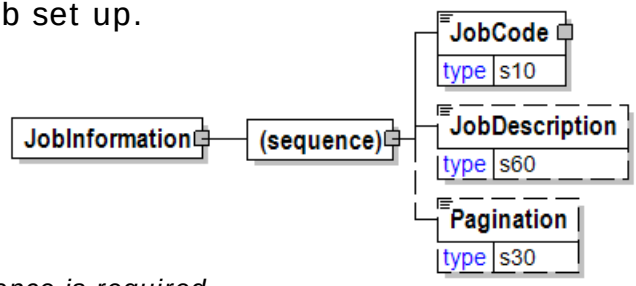


JobInformation

JobInformation is optional. This construct captures information specific to the entire job set up.

(sequence)

The sequence of items below is mandatory. A single instance is required.



JobCode

JobCode is mandatory. A single instance is required.

The particular identification code of printing an entire request known as a job.

JobDescription

JobDescription is optional. A single instance might exist.

A textual description of the job.

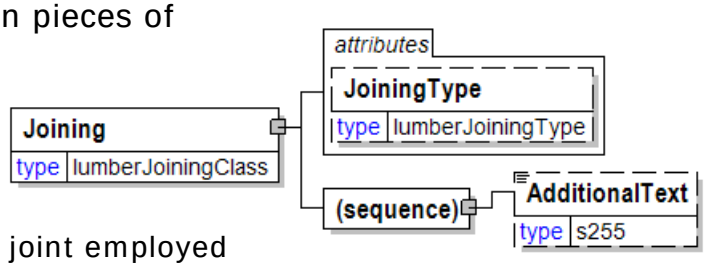
Pagination

Pagination is optional. A single instance might exist.

Number of pages that make up a book.

Joining

Defines the method used to join pieces of wood.



JoiningType [attribute]

JoiningType is optional. A single instance might exist.

Defines the type of mechanical joint employed in manufacture of the product.

Refer to JoiningType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

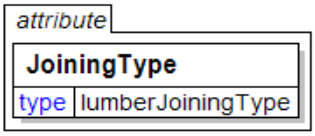
AdditionalText

AdditionalText is optional. A single instance might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

JoiningType [attribute]

Defines the type of mechanical joint employed in manufacture of the product.



This item is restricted to the following list.

FingerJointed

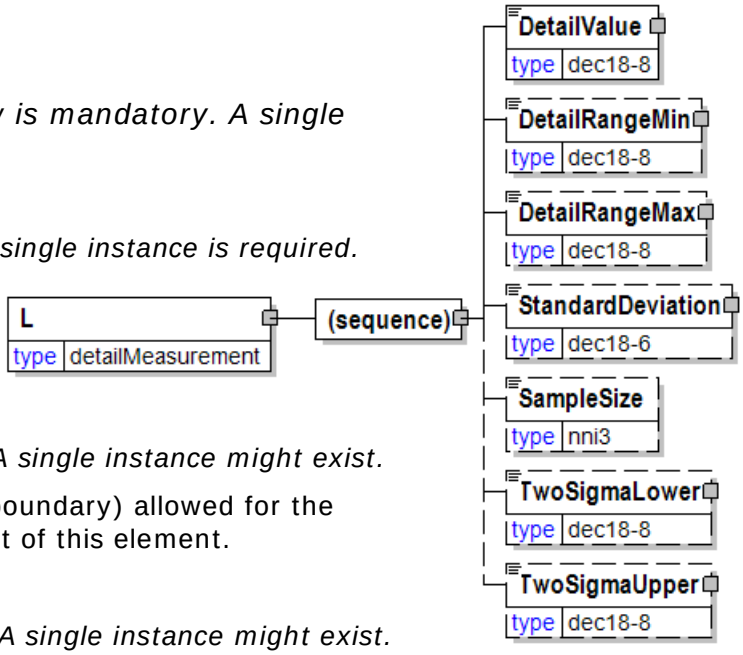
FingerJointed-VertUseOnly

Glued-Up

Other

L

The “L” component of the method of communicating colour termed L*a*b.



(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

TwoSigmaUpper

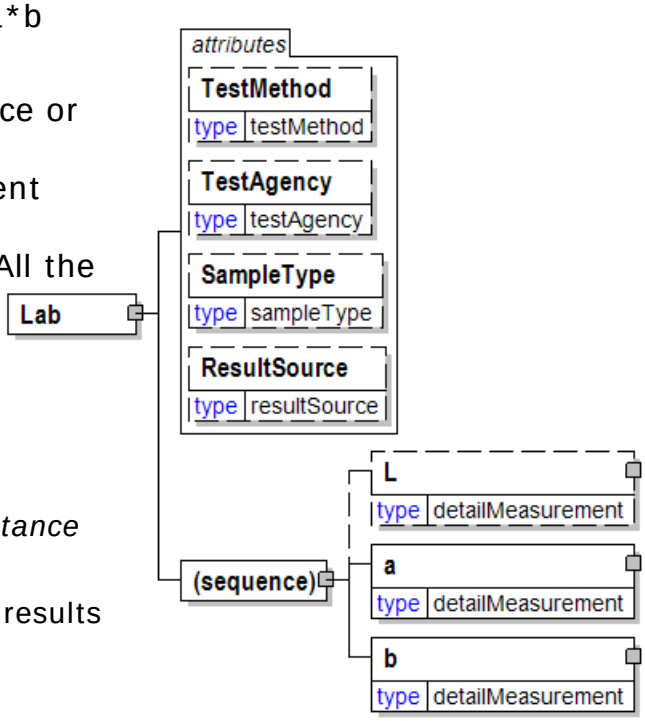
TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

Lab

A definition of colour using the L*a*b protocol.

L*a*b colour consists of a luminance or lightness component (L) and two chromatic components: a component (from green to red) and the b component (from blue to yellow). All the components of the definition are required. The structure of Luminance, “a”, and “b” follows DetailMeasurement.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

L

L is optional. A single instance might exist.

The “L” component of the method of communicating colour termed L*a*b.

a

a is mandatory. A single instance is required.

The “a” portion of the method of colour represented by L*a*b.

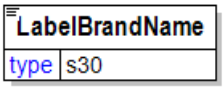
b

b is mandatory. A single instance is required.

The “b” component of the method of communicating colour termed L*a*b.

LabelBrandName

The trade name or brand name used or, to be used for the label stock.



LabelCharacteristics

A group item that organises the labeling information.

(sequence)

The sequence of items below is mandatory. A single instance is required.

CustomerMarks

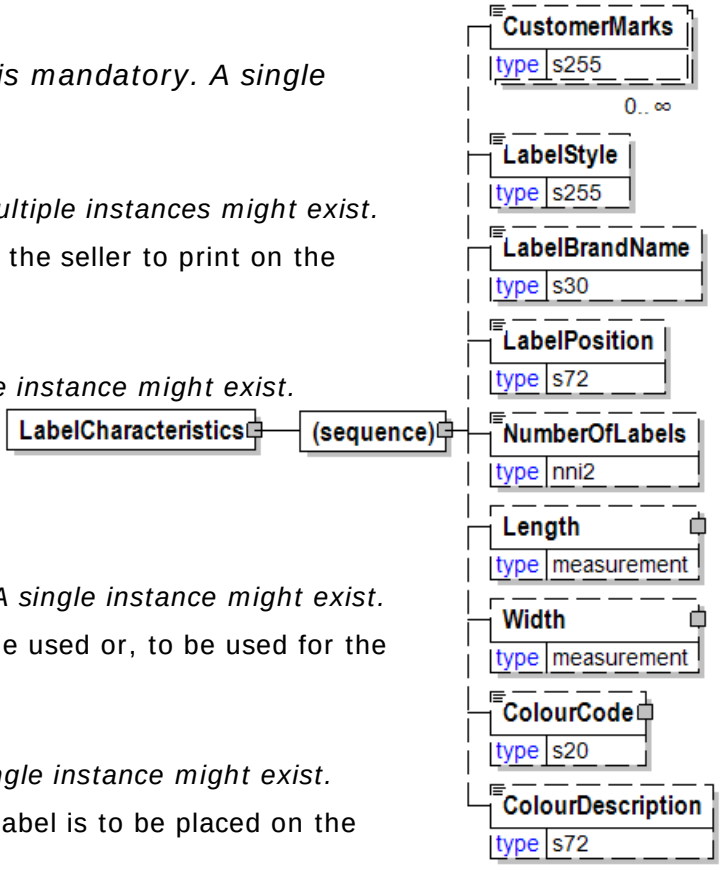
CustomerMarks is optional. Multiple instances might exist.

The text that the buyer wants the seller to print on the package label or elsewhere.

LabelStyle

LabelStyle is optional. A single instance might exist.

A text field describing the type of special label layout requested by the buyer.



LabelBrandName

LabelBrandName is optional. A single instance might exist.

The trade name or brand name used or, to be used for the label stock.

LabelPosition

LabelPosition is optional. A single instance might exist.

Information about where the label is to be placed on the package.

NumberOfLabels

NumberOfLabels is optional. A single instance might exist.

The number of labels to be placed on the package.

Length

Length is optional. A single instance might exist.

The length of the object.

Width

Width is optional. A single instance might exist.

The width of the object.

ColourCode

ColourCode is optional. A single instance might exist.

A code indicating the colour.

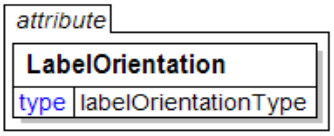
ColourDescription

ColourDescription is optional. A single instance might exist.

A free form description of the colour.

LabelOrientation [attribute]

Specifies label orientation for loaded goods seen in the transport direction of the goods carrier. It makes the label visible during unloading from a predetermined side.



This item is restricted to the following list.

BackEndSide

Goods labels are oriented towards the back-end side

FrontEndSide

Goods labels are oriented towards the front-end side

LeftAndRightSide

Goods labels are oriented towards the left side for goods to be unloaded from the left side and towards the right side for goods to be unloaded from the right side.

LeftSide

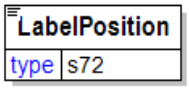
Goods labels are oriented towards the left side

RightSide

Goods labels are oriented towards the right side

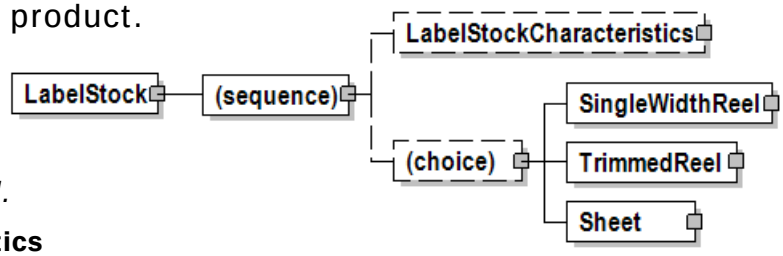
LabelPosition

Information about where the label is to be placed on the package.



LabelStock

LabelStock contains the attributes and characteristics that define the label stock product.



(sequence)

The sequence of items below is mandatory. A single instance is required.

LabelStockCharacteristics

LabelStockCharacteristics is optional. A single instance might exist.

Label stock characteristics.

(choice)

[choice] is optional because of choice construct.

SingleWidthReel

SingleWidthReel is optional because of choice construct.

Single width reel information.

TrimmedReel

TrimmedReel is optional because of choice construct.

Trimmed reel

Sheet

Sheet is optional because of choice construct.

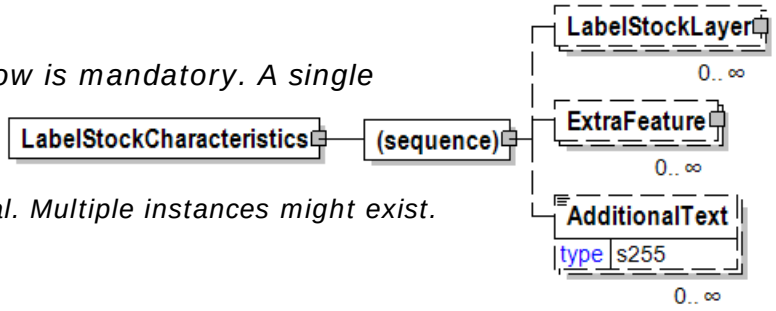
A group item that contains the conversion and packaging characteristics for sheets.

LabelStockCharacteristics

Label stock characteristics.

(sequence)

The sequence of items below is mandatory. A single instance is required.



LabelStockLayer

LabelStockLayer is optional. Multiple instances might exist.

Label stock layer

ExtraFeature

ExtraFeature is optional. Multiple instances might exist.

A special or extra feature that the label has or needs.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

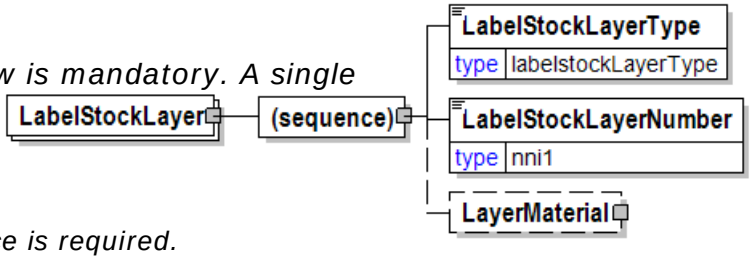
A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

LabelStockLayer

Label stock layer

(sequence)

The sequence of items below is mandatory. A single instance is required.



LabelStockLayerType

LabelStockLayerType is mandatory. A single instance is required.

The label stock layer type

Refer to LabelStockLayerType definition for any enumerations.

LabelStockLayerNumber

LabelStockLayerNumber is mandatory. A single instance is required.

The label stock layer number

LayerMaterial

LayerMaterial is optional. A single instance might exist.

Used to identify the materials used in the layers of the label.

LabelStockLayerNumber

The label stock layer number



LabelStockLayerType

The label stock layer type

This item is restricted to the following list.



Adhesive

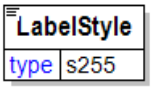
Backing

Face

Silicon

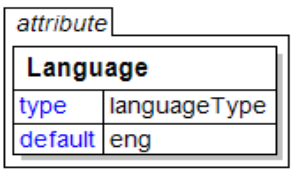
LabelStyle

A text field describing the type of special label layout requested by the buyer.



Language [attribute]

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.



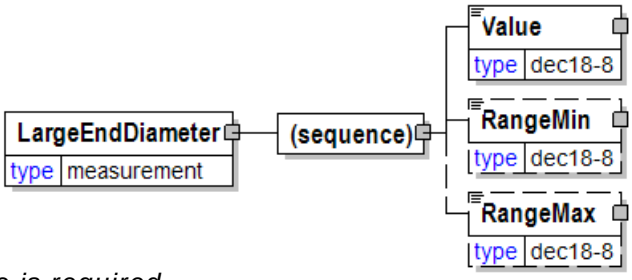
Information on the content of this attribute is available at: http://www.loc.gov/standards/iso639-2/ this is the official site of the ISO 639-2 Registration Authority.

http://www.w3.org/International/O-HTML-tags.html provides an explanation of the errata updating XML.

http://www.ietf.org/rfc/rfc3066.txt is the key document that is referenced in the above errata.

LargeEndDiameter

Used to report the log butt end diameter as a measurement.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

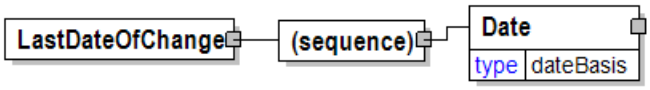
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

LastDateOfChange

The last date for which changes to the line item may occur before it is “locked” in the production process. LastDateOfChange encapsulates Date.



(sequence)

The sequence of items below is mandatory. A single instance is required.

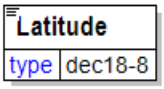
Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

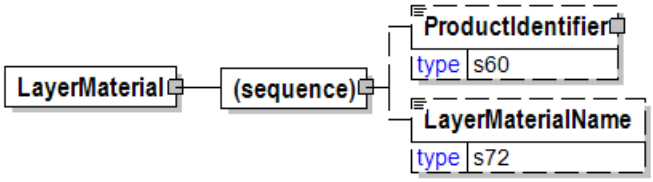
Latitude

A measurement of the position of the party or contact in degrees north or south of the equator



LayerMaterial

Used to identify the materials used in the layers of the label.



(sequence)

The sequence of items below is mandatory. A single instance is required.

ProductIdentifier

ProductIdentifier is optional. A single instance might exist.

Used to communicate the code of the article, in a variety of formats designated by the type.

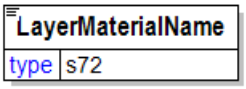
LayerMaterialName

LayerMaterialName is optional. A single instance might exist.

The layer material name

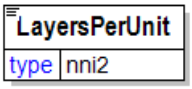
LayerMaterialName

The layer material name



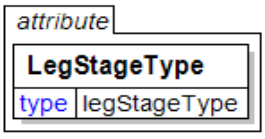
LayersPerUnit

The number of layers on the shipping, handling, or delivery unit. (This element uses pattern matching to ensure the appropriate format for latitude.)



LegStageType [attribute]

LegStageType is used to identify whether this is the primary transportation process or a transportation process that comes before or after the main transportation process.



This item is restricted to the following list.

PreCarriage

The initial transport of goods from the seller's premises to the main port of shipment. Usually by truck, rail or on inland waterways.

MainCarriage

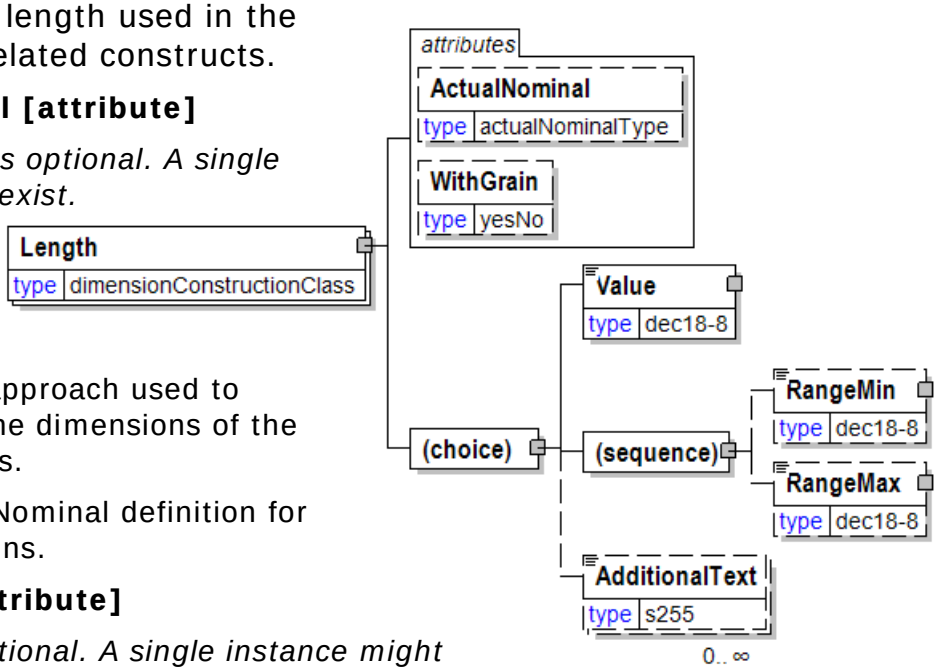
The primary transport of goods, generally for the longest part of the journey and generally from one country to another. Usually by sea vessel or by airplane, but can be truck or rail as well.

OnCarriage

Transport from the port of arrival in the country of destination to the buyer's premises. Usually by truck, rail or on inland waterways.

Length

The approach to length used in the timber/lumber related constructs.



ActualNominal [attribute]

ActualNominal is optional. A single instance might exist.

Indicates the measurement approach used to communicate the dimensions of the individual pieces.

Refer to ActualNominal definition for any enumerations.

WithGrain [attribute]

WithGrain is optional. A single instance might exist.

Either "Yes" or "No".

Refer to WithGrain definition for any enumerations.

(choice)

[choice] is optional because of choice construct.

Value

Value is optional because of choice construct.

A numeric value expressed in the unit of measure (UOM).

(sequence)

The sequence of items below is mandatory. A single instance is required.

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

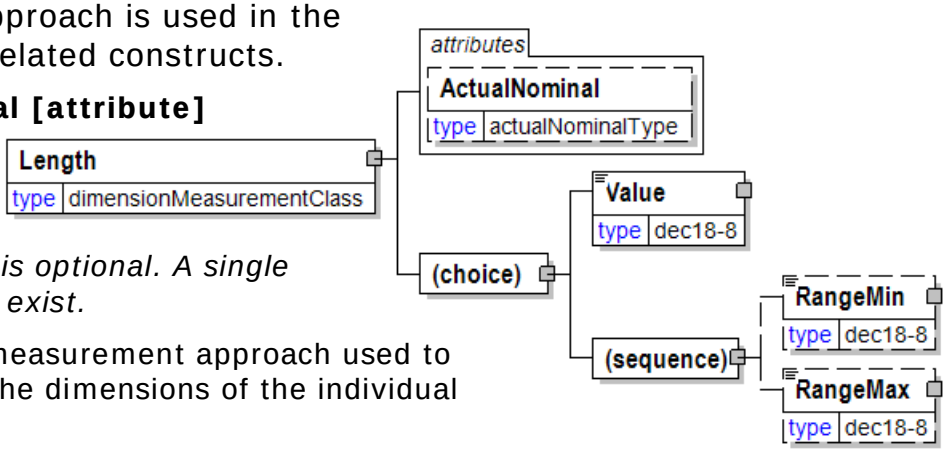
AdditionalText

AdditionalText is optional because of choice construct.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

Length

The following approach is used in the timber/lumber related constructs.



ActualNominal [attribute]

ActualNominal is optional. A single instance might exist.

Indicates the measurement approach used to communicate the dimensions of the individual pieces.

Refer to ActualNominal definition for any enumerations.

(choice)

[choice] is optional because of choice construct.

Value

Value is optional because of choice construct.

A numeric value expressed in the unit of measure (UOM).

(sequence)

The sequence of items below is mandatory. A single instance is required.

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

RangeMax

RangeMax is optional. A single instance might exist.

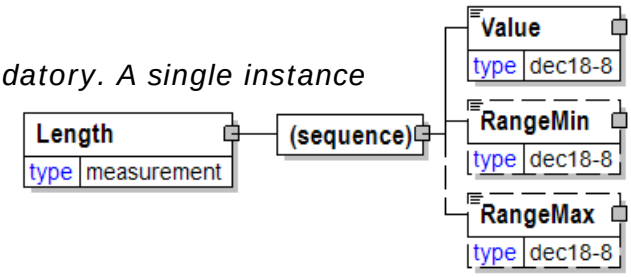
The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

Length

The length of the object.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

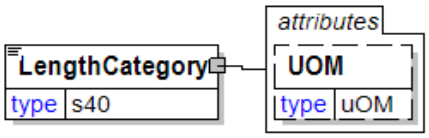
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

LengthCategory

Value of the length category.



UOM [attribute]

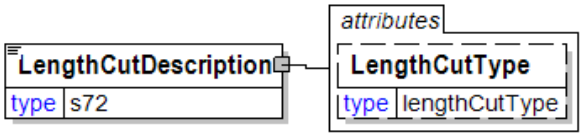
UOM is optional. A single instance might exist.

Defines the unit of measure for the value.

Refer to UOM definition for any enumerations.

LengthCutDescription

Length Cut Description



LengthCutType [attribute]

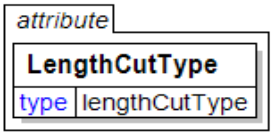
LengthCutType is optional. A single instance might exist.

Indicates whether the timber length is in dimensional modules, free length or exact cut length.

Refer to LengthCutType definition for any enumerations.

LengthCutType [attribute]

Indicates whether the timber length is in dimensional modules, free length or exact cut length.



This item is restricted to the following list.

ExactLength

The product is cut within agreed tolerance.

FreeCut

The product is free cut.

SpecialLength

The product is cut in a specific length as usually cut.

Untrimmed

e product is untrimmed.

1DecimeterCut

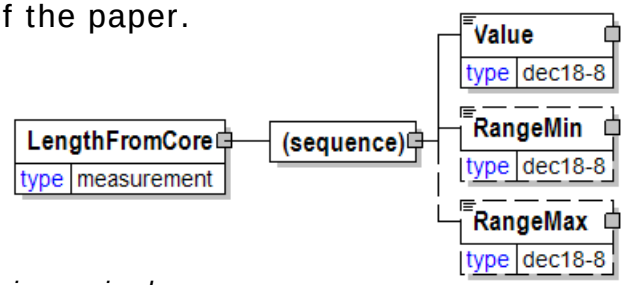
The product is cut in one decimeter interval.

3DecimeterCut

The product is cut in three decimeter interval.

LengthFromCore

In relationship to a paper event (usually a mill join) where is the event in terms of the length of the paper.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

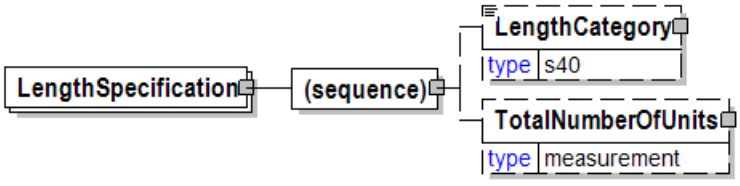
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

LengthSpecification

Length specification of the wood product.



(sequence)

The sequence of items below is mandatory. A single instance is required.

LengthCategory

LengthCategory is optional. A single instance might exist.

Value of the length category.

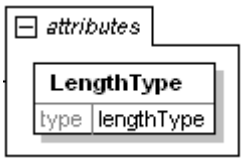
TotalNumberOfUnits

TotalNumberOfUnits is optional. A single instance might exist.

The total number of units.

LengthType [attribute]

Defines the type of source for how length is given. The attribute Agency can define the source.



This item is restricted to the following list.

AdditionalAdjusted

An additional adjustment of given length, e.g.an additional adjustment of the length for a route when the vehicle is driven an extra distance for loading or unloading.

Estimated

The length is estimated, e.g. the length of a route is manually calculated from maps.

Measured

The length is measured, e.g. the length of a route is measured by driving a vehicle.

NationalForestRoadDatabase

The length of a road or a route is based on information from a national forest road database.

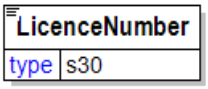
NationalRoadDatabase

The length of a road or a route is based on information from a national road database.

LicenceNumber

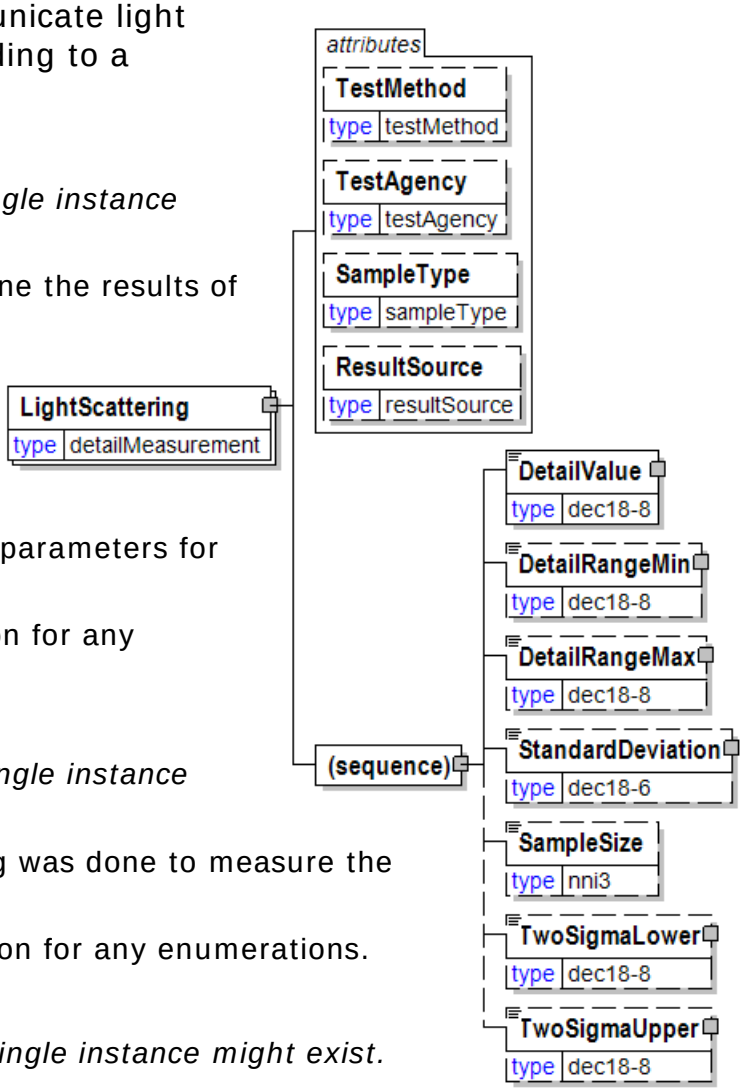
Licence number.

Note: the spelling of this element conforms to papiNet's use of UK English.



LightScattering

A group item used to communicate light scattering coefficients according to a particular TestMethod.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

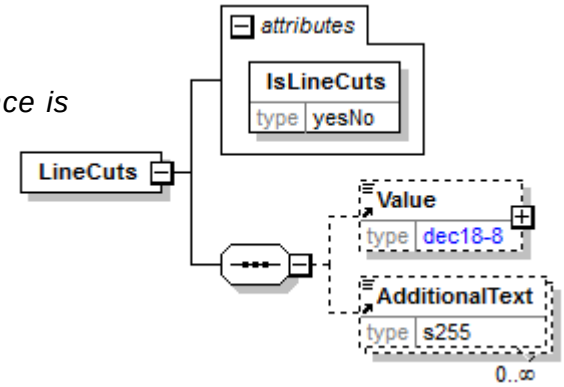
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

LineCuts

A print obtained from a line drawing.



IsLineCuts [attribute]

IsLineCuts is mandatory. A single instance is required.

Indicates if images are Line Cuts or no.

Refer to IsLineCuts definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is optional. A single instance might exist.

A numeric value expressed in the unit of measure (UOM).

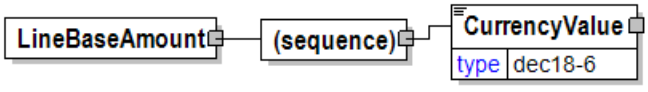
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

LineBaseAmount

For the particular e-Document being communicated the LineBaseAmount represents the quantity times the base unit price.



(sequence)

The sequence of items below is mandatory. A single instance is required.

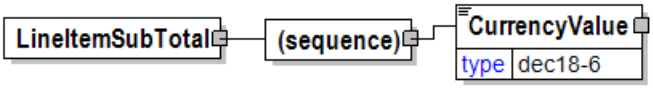
CurrencyValue

CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

LineItemSubTotal

The total amount of all base amounts on e-Document line items. The base amount contains the result of the calculation quantity times the base unit price. As such it does not include any taxes. For example, in an Invoice claiming payment for products LineItemSubTotal is equal to the sum of all InvoiceLineBaseAmount.



(sequence)

The sequence of items below is mandatory. A single instance is required.

CurrencyValue

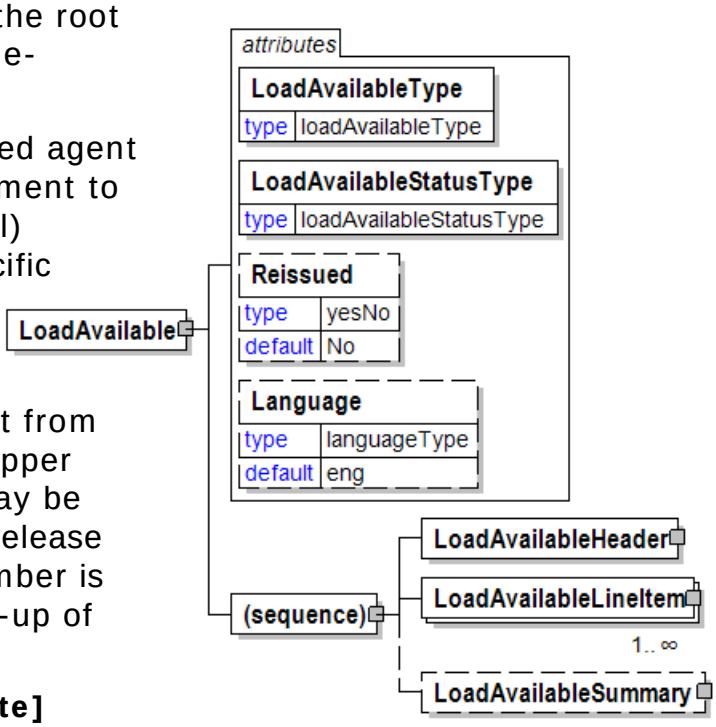
CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

LoadAvailable

The LoadAvailable element is the root element for the LoadAvailable e-Document.

The Supplier party or authorized agent sends a LoadAvailable e-Document to the BuyerParty(consuming mill) indicating that load(s) for specific product is(are) ready on a specific date for acceptance and pickup.
The LoadAvailable e-Document from the supplier may include a Shipper Load Number. This number may be used as the consuming mill's release number The Shipper Load Number is used for authorization for pick-up of load at supplier point.



LoadAvailableType [attribute]

LoadAvailableType is mandatory. A single instance is required.

LoadAvailableType defines the type LoadAvailable e-Document.

Refer to LoadAvailableType definition for any enumerations.

LoadAvailableStatusType [attribute]

LoadAvailableStatusType is mandatory. A single instance is required.

LoadAvailableStatusType defines the status of the entire LoadAvailable e-Document.

Refer to LoadAvailableStatusType definition for any enumerations.

Reissued [attribute]

Reissued is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Reissued definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

LoadAvailableHeader

LoadAvailableHeader is mandatory. A single instance is required.

The LoadAvailableHeader, a group item containing generic information common to the LoadAvailable e-Document.

LoadAvailableLineItem

LoadAvailableLineItem is mandatory. One instance is required, multiple instances might exist.

LoadAvailableLineItem is a group item containing information that relates to a line in the LoadAvailable e-Document.

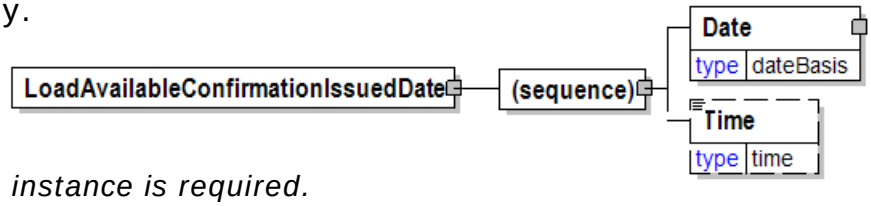
LoadAvailableSummary

LoadAvailableSummary is optional. A single instance might exist.

LoadAvailable Summary

LoadAvailableConfirmationIssuedDate

The date of response to the LoadAvailable e-Document from originating party.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

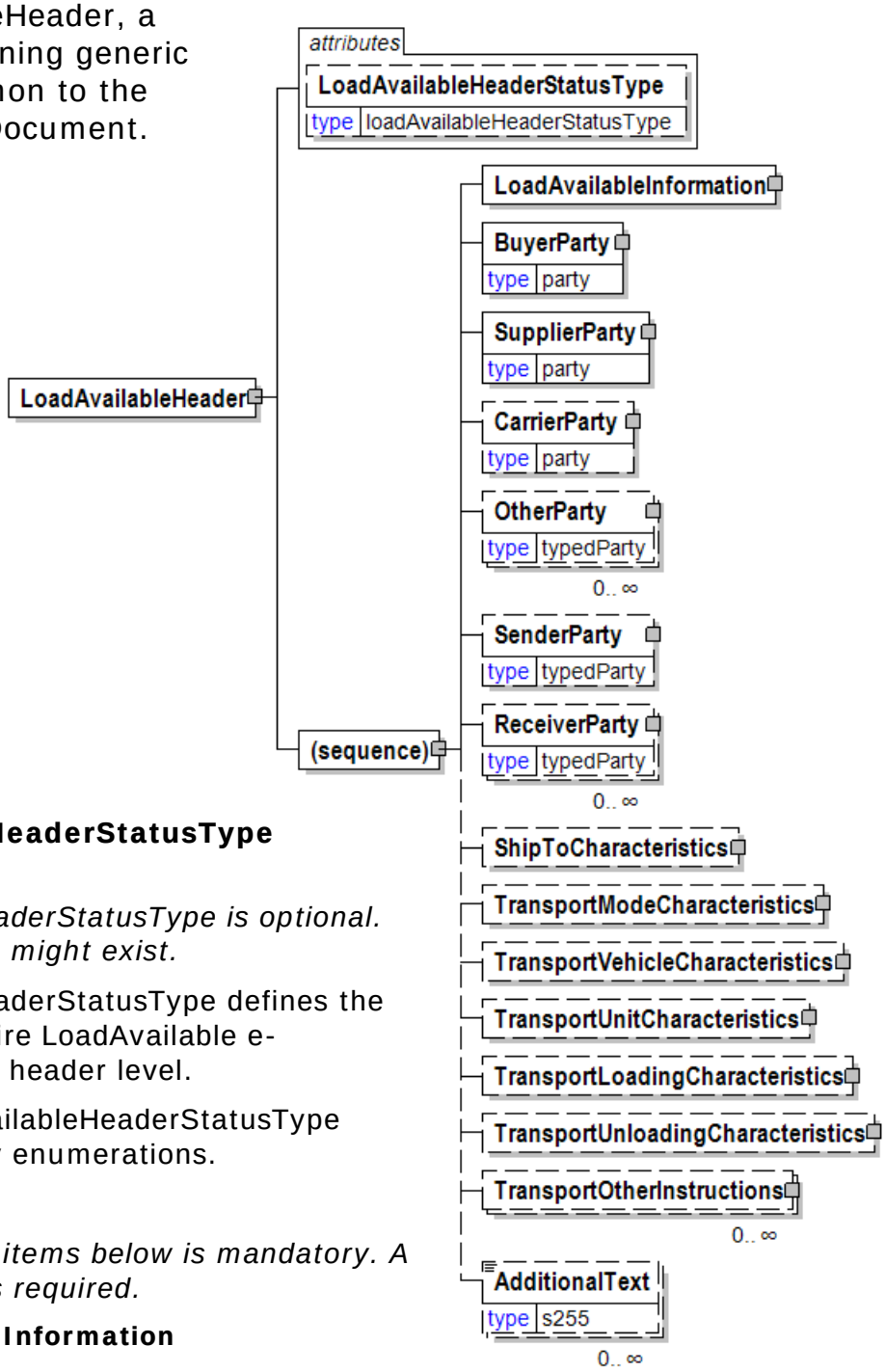
Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

LoadAvailableHeader

The LoadAvailableHeader, a group item containing generic information common to the LoadAvailable e-Document.



LoadAvailableHeaderStatusType [attribute]

LoadAvailableHeaderStatusType is optional. A single instance might exist.

LoadAvailableHeaderStatusType defines the status of the entire LoadAvailable e-Document at the header level.

Refer to LoadAvailableHeaderStatusType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

LoadAvailableInformation

LoadAvailableInformation is mandatory. A single instance is required.

LoadAvailableInformation is a group item containing information about the whole LoadAvailable e-Document.

BuyerParty

BuyerParty is mandatory. A single instance is required.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

SupplierParty

SupplierParty is mandatory. A single instance is required.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

CarrierParty

CarrierParty is optional. A single instance might exist.

The party performing the transport of the product from the pickup location to the ship-to location; could be a hauler.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

SenderParty

SenderParty is optional. A single instance might exist.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is optional. Multiple instances might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

ShipToCharacteristics

ShipToCharacteristics is optional. A single instance might exist.

A group item that provides information important for the Ship-To Party.

ShipToCharacteristics may be referenced at both the header and line item level. The reference at the header is required and acts as a default for the value at the line level, unless overridden at the line level.

TransportModeCharacteristics

TransportModeCharacteristics is optional. A single instance might exist.

A group item defining the primary mode of transport.

TransportVehicleCharacteristics

TransportVehicleCharacteristics is optional. A single instance might exist.

A group item containing information about a transport vehicle, e.g. a truck. A transport vehicle has its own power and can be used to pull, push, carry, or tow a transport unit loaded with goods.

TransportUnitCharacteristics

TransportUnitCharacteristics is optional. A single instance might exist.

A group item containing information about a transport unit, e.g. a trailer. Transport

units contain goods and move using power from another source, the transport vehicle.

TransportLoadingCharacteristics

TransportLoadingCharacteristics is optional. A single instance might exist.

A group item defining how the transported items are to be loaded.

TransportUnloadingCharacteristics

TransportUnloadingCharacteristics is optional. A single instance might exist.

A group item defining how the transported items are to be unloaded.

TransportOtherInstructions

TransportOtherInstructions is optional. Multiple instances might exist.

A group item defining any other instructions for the transport not covered in the description of transport mode, vehicle, unit, and loading characteristics or defining an alternative description for the categories mentioned above.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

LoadAvailableHeaderStatusType [attribute]

LoadAvailableHeaderStatusType defines the status of the entire LoadAvailable e-Document at the header level.



This item is restricted to the following list.

Accepted

The supplied information is accepted.

Amended

The supplied information is changed

NoAction

The supplied information has not been amended and thereby requires no action.

Original

The supplied information is the first version of that information.

Rejected

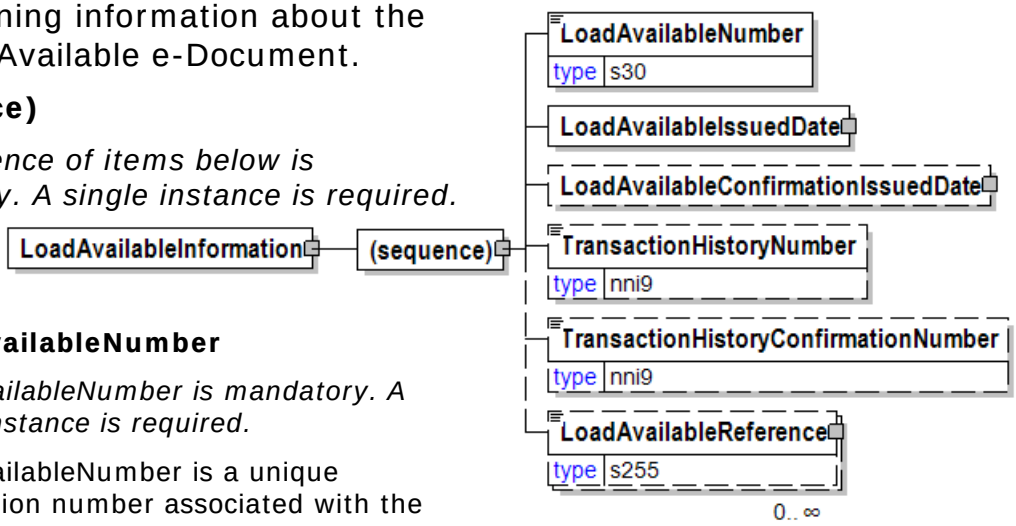
The supplied information is rejected.

LoadAvailableInformation

LoadAvailableInformation is a group item containing information about the whole LoadAvailable e-Document.

(sequence)

The sequence of items below is mandatory. A single instance is required.



LoadAvailableNumber

LoadAvailableNumber is mandatory. A single instance is required.

LoadAvailableNumber is a unique transaction number associated with the whole LoadAvailable. This number is provided by the originator of the LoadAvailable e-Document and follows the document through its life.

LoadAvailableIssuedDate

LoadAvailableIssuedDate is mandatory. A single instance is required.

The date that the LoadAvailable was issued to the company to which the load was offered.

LoadAvailableConfirmationIssuedDate

LoadAvailableConfirmationIssuedDate is optional. A single instance might exist.

The date of response to the LoadAvailable e-Document from originating party.

TransactionHistoryNumber

TransactionHistoryNumber is optional. A single instance might exist.

A sequential number that keeps track of the version of a document being sent by the document originator except in the case where TransactionHistoryConfirmation is used, in which case the TransactionHistoryNumber refers to the trigger transaction for which the confirmation is being sent.

TransactionHistoryConfirmationNumber

TransactionHistoryConfirmationNumber is optional. A single instance might exist.

A sequential number that indicates the version of the confirmation document being sent.

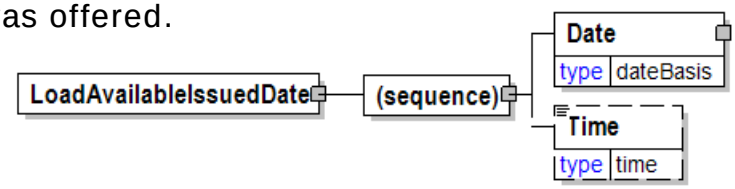
LoadAvailableReference

LoadAvailableReference is optional. Multiple instances might exist.

LoadAvailableReferenceType provides a contextual explanation of the specific reference identifier.

LoadAvailableIssuedDate

The date that the LoadAvailable was issued to the company to which the load was offered.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

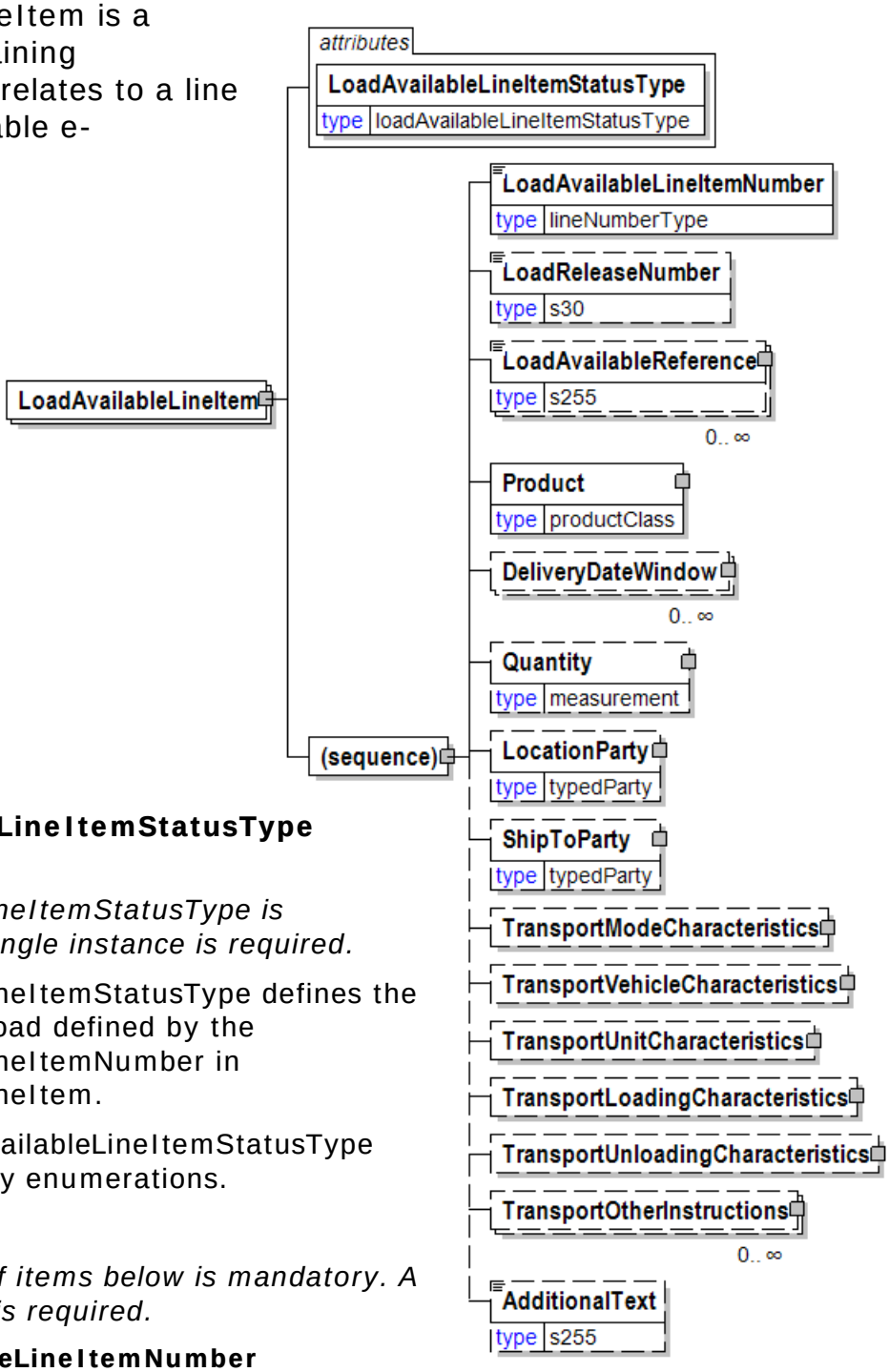
Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

LoadAvailableLineItem

LoadAvailableLineItem is a group item containing information that relates to a line in the LoadAvailable e-Document.



LoadAvailableLineItemStatusType [attribute]

LoadAvailableLineItemStatusType is mandatory. A single instance is required.

LoadAvailableLineItemStatusType defines the status of each load defined by the LoadAvailableLineItemNumber in LoadAvailableLineItem.

Refer to LoadAvailableLineItemStatusType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

LoadAvailableLineItemNumber

LoadAvailableLineItemNumber is mandatory. A single instance is required.

LoadAvailableLineItemNumber is a unique number within a given LoadAvailable associating the number of loads available with a numeric sequence.

LoadReleaseNumber

LoadReleaseNumber is optional. A single instance might exist.

LoadReleaseNumber is a unique number identifying the load. The number comes from the company to whom the load was offered.

LoadAvailableReference

LoadAvailableReference is optional. Multiple instances might exist.

LoadAvailableReferenceType provides a contextual explanation of the specific reference identifier.

Product

Product is mandatory. A single instance is required.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

DeliveryDateWindow

DeliveryDateWindow is optional. Multiple instances might exist.

A group item defining the date/time interval for delivery to take place. An element which may contain the estimated date for which delivery is expected. This date is not absolute.

Quantity

Quantity is optional. A single instance might exist.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

LocationParty

LocationParty is optional. A single instance might exist.

The organization or business entity where the business event took place or will take place.

ShipToParty

ShipToParty is optional. A single instance might exist.

The name and/or address to which the goods should be delivered with the party type indicated by the PartyType attribute.

TransportModeCharacteristics

TransportModeCharacteristics is optional. A single instance might exist.

A group item defining the primary mode of transport.

TransportVehicleCharacteristics

TransportVehicleCharacteristics is optional. A single instance might exist.

A group item containing information about a transport vehicle, e.g. a truck. A transport vehicle has its own power and can be used to pull, push, carry, or tow a transport unit loaded with goods.

TransportUnitCharacteristics

TransportUnitCharacteristics is optional. A single instance might exist.

A group item containing information about a transport unit, e.g. a trailer. Transport units contain goods and move using power from another source, the transport vehicle.

TransportLoadingCharacteristics

TransportLoadingCharacteristics is optional. A single instance might exist.

A group item defining how the transported items are to be loaded.

TransportUnloadingCharacteristics

TransportUnloadingCharacteristics is optional. A single instance might exist.

A group item defining how the transported items are to be unloaded.

TransportOtherInstructions

TransportOtherInstructions is optional. Multiple instances might exist.

A group item defining any other instructions for the transport not covered in the description of transport mode, vehicle, unit, and loading characteristics or defining an alternative description for the categories mentioned above.

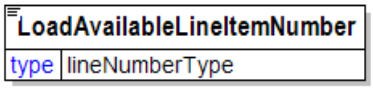
AdditionalText

AdditionalText is optional. A single instance might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

LoadAvailableLineItemNumber

LoadAvailableLineItemNumber is a unique number within a given LoadAvailable associating the number of loads available with a numeric sequence.



LoadAvailableLineItemStatusType [attribute]

LoadAvailableLineItemStatusType defines the status of each load defined by the LoadAvailableLineItemNumber in LoadAvailableLineItem.



This item is restricted to the following list.

Accepted

The supplied information is accepted.

Amended

The supplied information is changed

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

NoAction

The supplied information has not been amended and thereby requires no action.

Original

The supplied information is the first version of that information.

Pending

The supplied information is not complete and will be updated later.

Rejected

The supplied information is rejected.

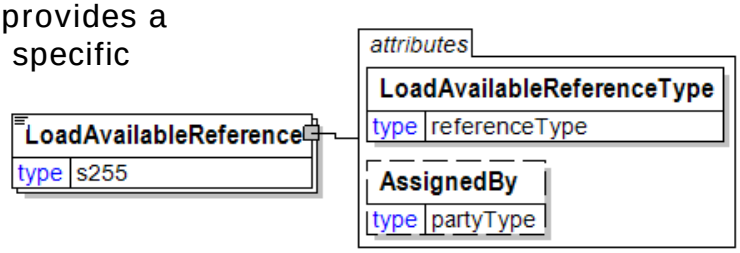
LoadAvailableNumber

LoadAvailableNumber is a unique transaction number associated with the whole LoadAvailable. This number is provided by the originator of the LoadAvailable e-Document and follows the document through its life.



LoadAvailableReference

LoadAvailableReferenceType provides a contextual explanation of the specific reference identifier.



LoadAvailableReferenceType [attribute]

LoadAvailableReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to LoadAvailableReferenceType definition for any enumerations.

AssignedBy [attribute]

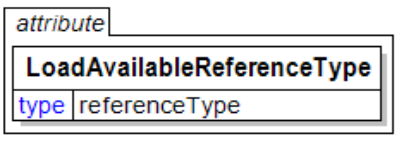
AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

LoadAvailableReferenceType [attribute]

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”,



"Warehouse", or "Vendor". Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

LoadAvailableStatusType [attribute]

LoadAvailableStatusType defines the status of the entire LoadAvailable e-Document.



This item is restricted to the following list.

Accepted

The supplied information is accepted.

Amended

The supplied information is changed.

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

Original

The supplied information is the first version of that information.

Rejected

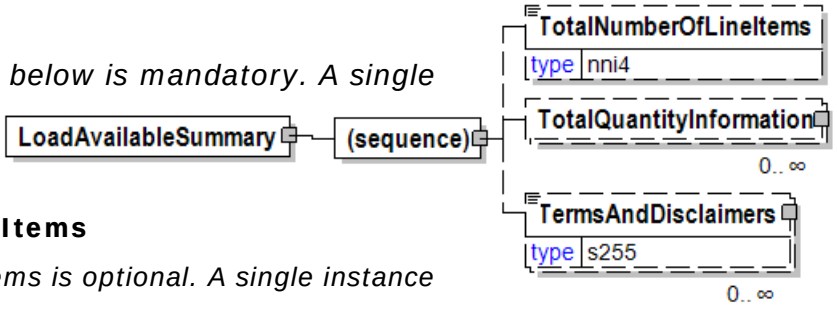
The supplied information is rejected.

LoadAvailableSummary

LoadAvailable Summary

(sequence)

The sequence of items below is mandatory. A single instance is required.



TotalNumberOfLineItems

TotalNumberOfLineItems is optional. A single instance might exist.

The total number of individual line items in the document, regardless of the status or type.

TotalQuantityInformation

TotalQuantityInformation is optional. Multiple instances might exist.

A group item containing information about the total quantity and total informational quantity of similar items in the document. TotalQuantityInformation is primarily used in the summary section of e-Documents where it is repeatable to permit

totalling for different units of measure.

TermsAndDisclaimers

TermsAndDisclaimers is optional. Multiple instances might exist.

An element that contains legal information with an indication of what the Language is.

LoadAvailableType [attribute]

LoadAvailableType defines the type LoadAvailable e-Document.



This item is restricted to the following list.

LoadAvailable

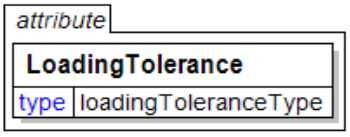
LoadAvailable indicates the e-Document is from the company with the load.

LoadAvailableConfirmation

LoadAvailableConfirmation indicates the e-Document is from the company to whom the load was offered.

LoadingTolerance [attribute]

Specifies tolerance type for load quantity. Tolerance values are given by RangeMin and RangeMax in Quantity.



This item is restricted to the following list.

FillUpFromOtherOrder

Fill up a full load from an other order

Full

Always a full load

FullWithinTolerance

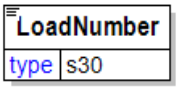
Always a full load if still within given tolerance

WithinTolerance

The load should be within given tolerance

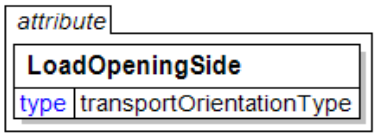
LoadNumber

An element used to communicate the unique identifier of the LoadNumber.



LoadOpeningSide [attribute]

Specifies opening sides on a transport unit for loading and unloading seen in the transport direction of the goods carrier



This item is restricted to the following list.

BackEndSide

Opening for loading and unloading is towards the back-end side

FrontEndSide

Opening for loading and unloading is towards the front-end side

LeftAndRightSide

Openings for loading and unloading are both towards the left side and the right side.

LeftSide

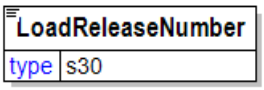
Opening for loading and unloading is towards the left side

RightSide

Opening for loading and unloading is towards the right side

LoadReleaseNumber

LoadReleaseNumber is a unique number identifying the load. The number comes from the company to whom the load was offered.

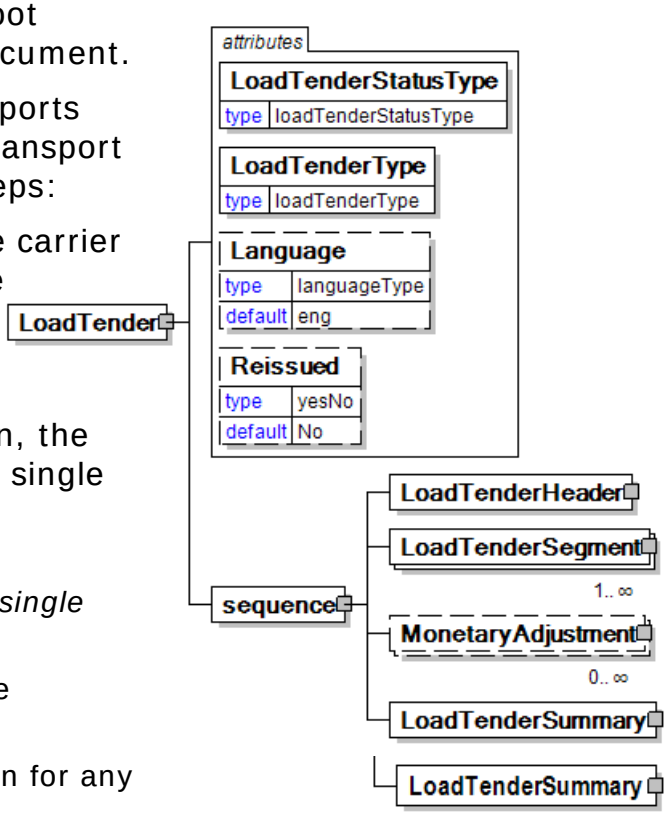


LoadTender

The LoadTender element is the root element for the LoadTender e-Document.

The LoadTender e-Document supports the transport booking process. Transport booking includes the following steps:

- LoadTender – more than one carrier has been informed about the upcoming transport.
- Booking – identifies a transport booking that is part of a detail transport plan, the load has been booked with a single carrier.



LoadTenderType [attribute]

LoadTenderType is mandatory. A single instance is required.

Code indicating the function of the LoadTender e-Document.

Refer to LoadTenderType definition for any enumerations.

LoadTenderStatusType [attribute]

LoadTenderStatusType is mandatory. A single instance is required.

Identifies the status of the entire LoadTender e-Document (in other words, at the root level).

Refer to LoadTenderStatusType definition for any enumerations.

Reissued [attribute]

Reissued is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Reissued definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

LoadTenderHeader

LoadTenderHeader is mandatory. A single instance is required.

The LoadTenderHeader contains information common to the entire LoadTender.

LoadTenderSegment

LoadTenderSegment is mandatory. One instance is required, multiple instances might exist.

The details for a particular load segment.

MonetaryAdjustment

MonetaryAdjustment is optional. Multiple instances might exist.

The element containing the information necessary for the understanding, calculation, and treatment of an adjustment to a currency amount. MonetaryAdjustment contains an attribute that indicates they type of adjustment being communicated.

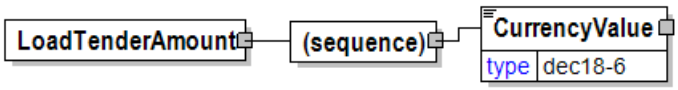
LoadTenderSummary

LoadTenderSummary is mandatory. A single instance is required.

Summary information that applies to the entire LoadTender e-Document.

LoadTenderAmount

The base amount for the LoadTenderLineItem. Determined from Quantity times the PricePerUnit. As such it does not include any taxes.



(sequence)

The sequence of items below is mandatory. A single instance is required.

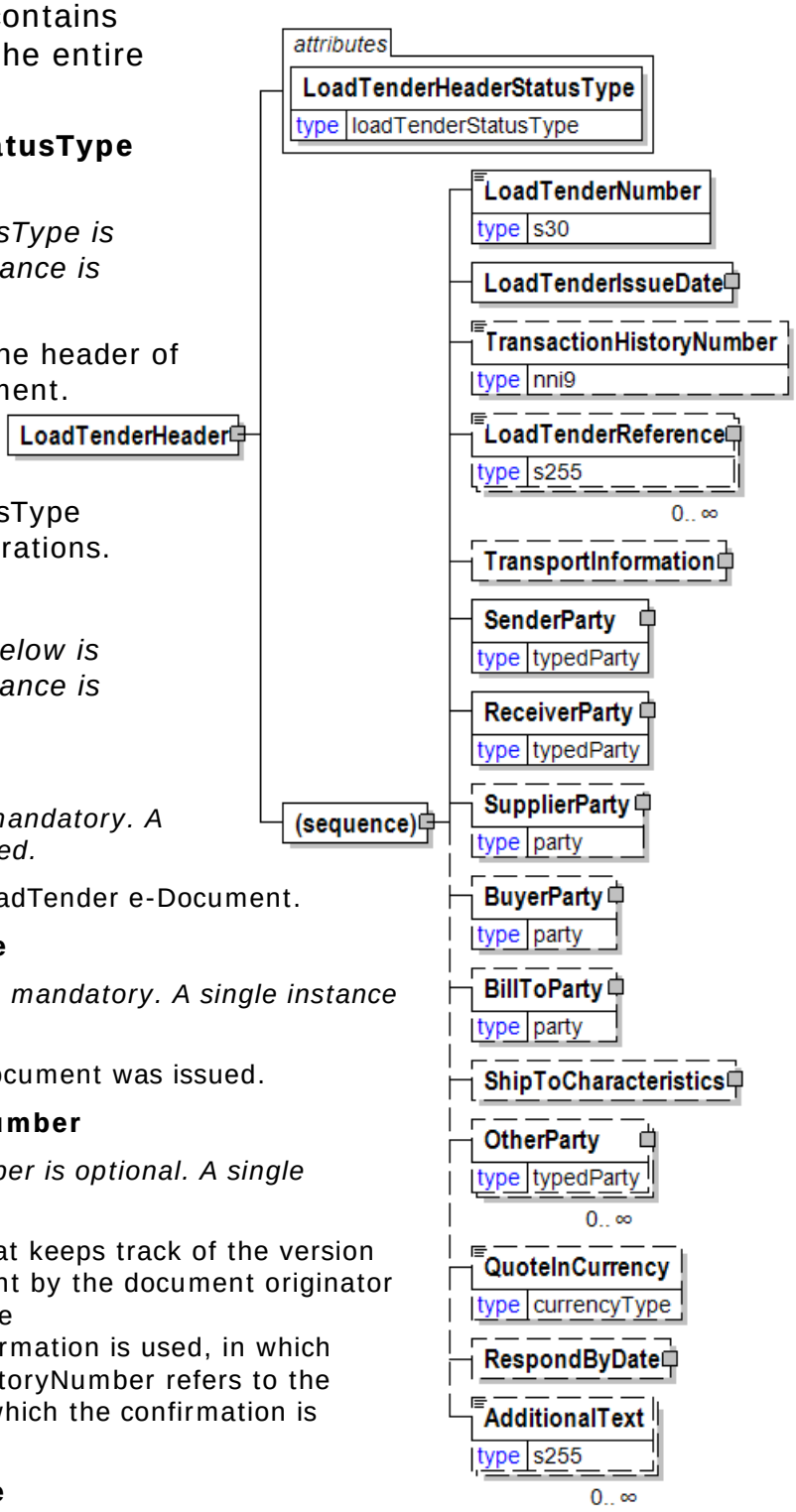
CurrencyValue

CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

LoadTenderHeader

The LoadTenderHeader contains information common to the entire LoadTender.



LoadTenderHeaderStatusType [attribute]

LoadTenderHeaderStatusType is mandatory. A single instance is required.

Identifies the status of the header of the LoadTender e-Document.

Refer to LoadTenderHeaderStatusType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

LoadTenderNumber

LoadTenderNumber is mandatory. A single instance is required.

The identifier for the LoadTender e-Document.

LoadTenderIssueDate

LoadTenderIssueDate is mandatory. A single instance is required.

The date when the e-Document was issued.

TransactionHistoryNumber

TransactionHistoryNumber is optional. A single instance might exist.

A sequential number that keeps track of the version of a document being sent by the document originator except in the case where TransactionHistoryConfirmation is used, in which case the TransactionHistoryNumber refers to the trigger transaction for which the confirmation is being sent.

LoadTenderReference

LoadTenderReference is optional. Multiple instances might exist.

An item detailing relevant references pertaining to the LoadTender. The type of reference is identified by the LoadTenderReferenceType attribute.

TransportInformation

TransportInformation is optional. A single instance might exist.

A grouping element for transport information.

SenderParty

SenderParty is mandatory. A single instance is required.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is mandatory. A single instance is required.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

SupplierParty

SupplierParty is optional. A single instance might exist.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

BuyerParty

BuyerParty is optional. A single instance might exist.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

BillToParty

BillToParty is optional. A single instance might exist.

The address where the invoice is to be sent.

ShipToCharacteristics

ShipToCharacteristics is optional. A single instance might exist.

A group item that provides information important for the Ship-To Party.

ShipToCharacteristics may be referenced at both the header and line item level. The reference at the header is required and acts as a default for the value at the line level, unless overridden at the line level.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

QuoteInCurrency

QuoteInCurrency is optional. A single instance might exist.

Indicates that the quote is to be provided in the currency specified.

Refer to QuoteInCurrency definition for any enumerations.

RespondByDate

RespondByDate is optional. A single instance might exist.

The date that a response to the query if required.

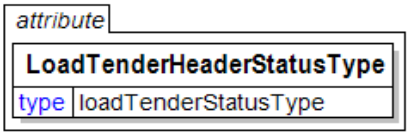
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

LoadTenderHeaderStatusType [attribute]

Identifies the status of the header of the LoadTender e-Document.



This item is restricted to the following list.

Amended

The supplied information is changed.

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

Original

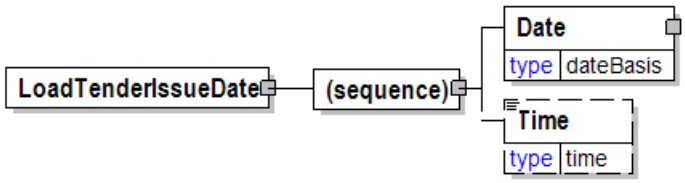
The supplied information is the first version of that information.

LoadTenderIssueDate

The date when the e-Document was issued.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

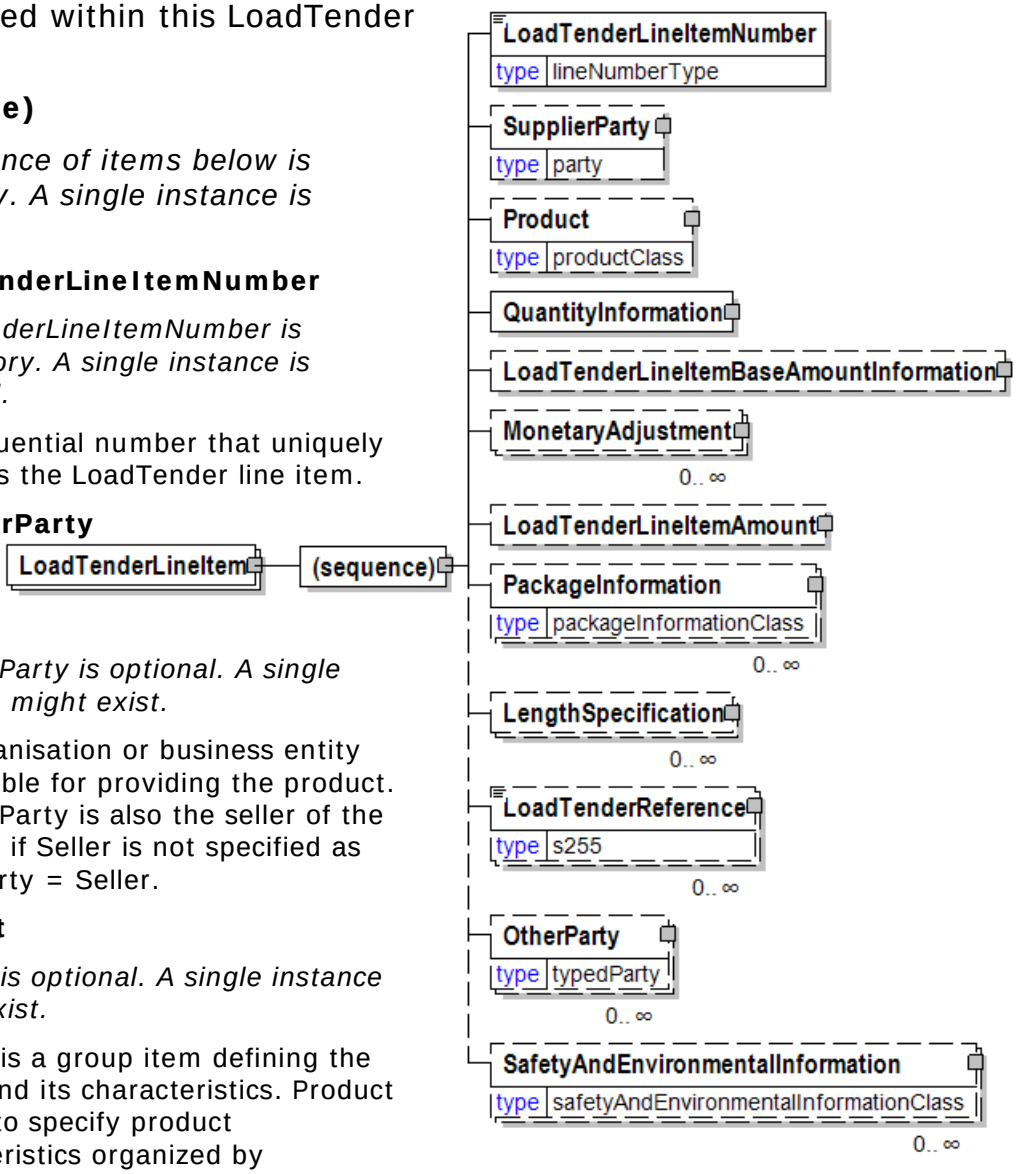
hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be

in discord with other users of XML.

LoadTenderLineItem

Group element identifying a line item to be included within this LoadTender Segment.



(sequence)

The sequence of items below is mandatory. A single instance is required.

LoadTenderLineItemNumber

LoadTenderLineItemNumber is mandatory. A single instance is required.

The sequential number that uniquely identifies the LoadTender line item.

SupplierParty

SupplierParty is optional. A single instance might exist.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

Product

Product is optional. A single instance might exist.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

QuantityInformation

QuantityInformation is mandatory. A single instance is required.

A group item containing information about quantity and informational quantity of similar items.

LoadTenderLineItemBaseAmountInformation

LoadTenderLineItemBaseAmountInformation is optional. A single instance might exist.

Group element used to detail the LoadTender Line Item's PriceDetails and TotalAmount. Normally used to identify the PricePerUnit of the line item.

MonetaryAdjustment

MonetaryAdjustment is optional. Multiple instances might exist.

The element containing the information necessary for the understanding, calculation, and treatment of an adjustment to a currency amount. MonetaryAdjustment contains an attribute that indicates they type of adjustment being communicated.

LoadTenderLineItemAmount

LoadTenderLineItemAmount is optional. A single instance might exist.

Total Amount of the LoadTenderLineItem including adjustments and tax (when tax is specified on the load tender line item).

LoadTenderLineItemAmount is equal to the LoadTenderAmount plus the sum of the signed values of the MonetaryAdjustmentAmount for all instances of MonetaryAdjustment.

PackageInformation

PackageInformation is optional. Multiple instances might exist.

The purpose of the PackageInformation structure is to clearly identify physical handling items that constitute the delivery.

PackageInformation is the highest level of product packaging it describes the shipping or warehousing unit.

- If you are communicating a package, usually for logistics or transport purposes, you should include the PackageType, Identifier, ItemCount, and Quantity. (Note: you still have the ability to describe the item with one of the “named” items.)
- If you are communicating one of the named Items there is no need to include PackageType, Identifier, ItemCount, and Quantity.

Since either of these two approaches can be used the entie contents of this element are optional even though the parent may be required. It is expected that you will fill in the appropriate details.

LengthSpecification

LengthSpecification is optional. Multiple instances might exist.

Length specification of the wood product.

LoadTenderReference

LoadTenderReference is optional. Multiple instances might exist.

An item detailing relevant references pertaining to the LoadTender. The type of reference is identified by the LoadTenderReferenceType attribute.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

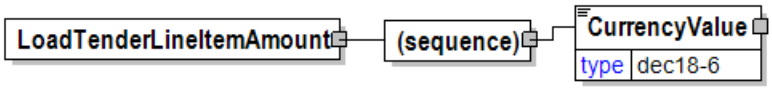
SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency).

LoadTenderLineItemAmount

Total Amount of the LoadTenderLineItem including adjustments and tax (when tax is specified on the load tender line item).



LoadTenderLineItemAmount is equal to the LoadTenderAmount plus the sum of the signed values of the MonetaryAdjustmentAmount for all instances of MonetaryAdjustment.

(sequence)

The sequence of items below is mandatory. A single instance is required.

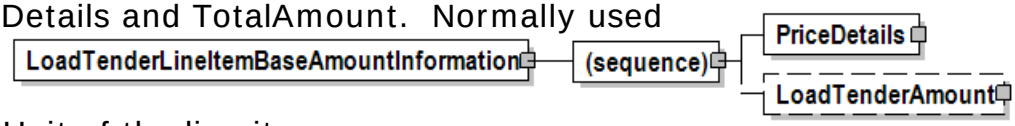
CurrencyValue

CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

LoadTenderLineItemBaseAmountInformation

Group element used to detail the LoadTender Line Item's PriceDetails and TotalAmount. Normally used to identify the PricePerUnit of the line item.



(sequence)

The sequence of items below is mandatory. A single instance is required.

PriceDetails

PriceDetails is mandatory. A single instance is required.

An element that groups together price information.

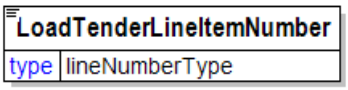
LoadTenderAmount

LoadTenderAmount is optional. A single instance might exist.

The base amount for the LoadTenderLineItem. Determined from Quantity times the PricePerUnit. As such it does not include any taxes.

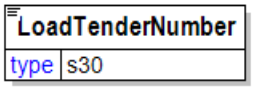
LoadTenderLineItemNumber

The sequential number that uniquely identifies the LoadTender line item.



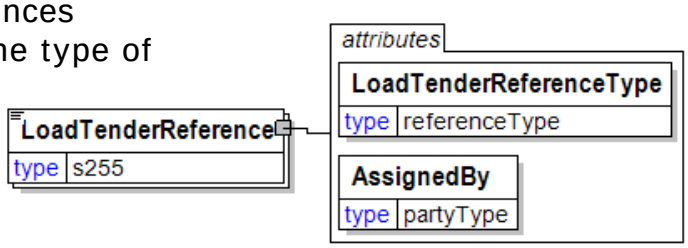
LoadTenderNumber

The identifier for the LoadTender e-Document.



LoadTenderReference

An item detailing relevant references pertaining to the LoadTender. The type of reference is identified by the LoadTenderReferenceType attribute.



LoadTenderReferenceType [attribute]

LoadTenderReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to LoadTenderReferenceType definition for any enumerations.

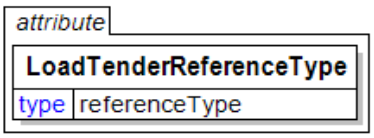
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

LoadTenderReferenceType [attribute]



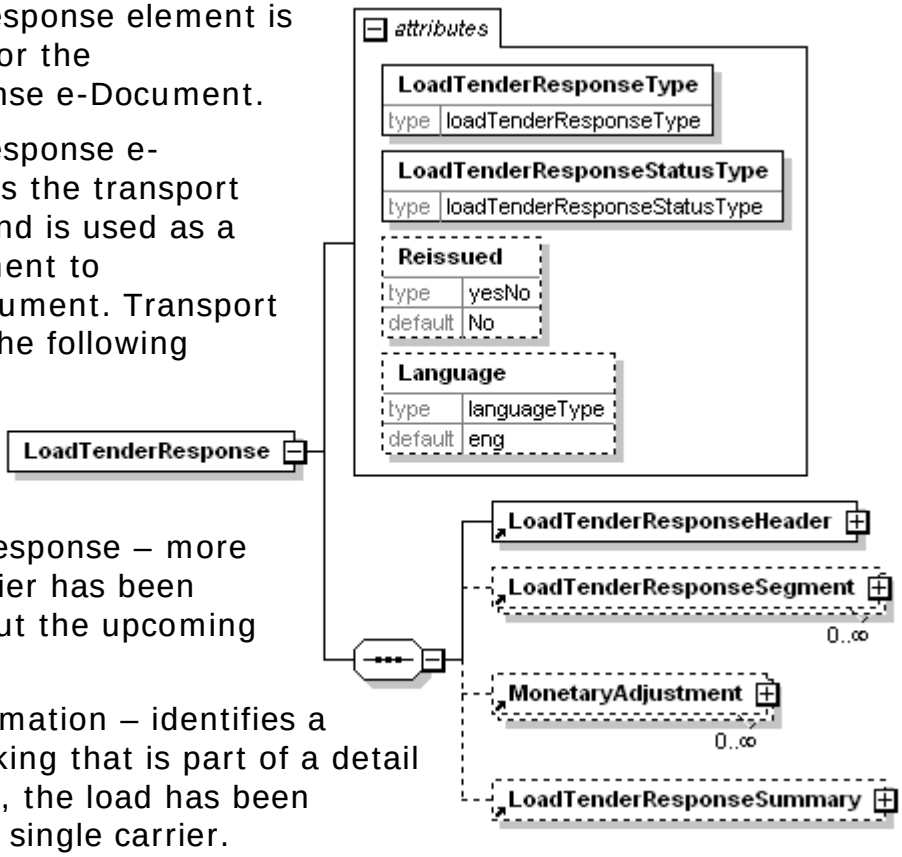
Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

LoadTenderResponse

The LoadTenderResponse element is the root element for the LoadTenderResponse e-Document.

The LoadTenderResponse e-Document supports the transport booking process and is used as a response e-Document to LoadTender e-Document. Transport booking includes the following steps:



- LoadTenderResponse – more than one carrier has been informed about the upcoming transport.
- BookingConfirmation – identifies a transport booking that is part of a detail transport plan, the load has been booked with a single carrier.

The LoadTenderResponse provides a means of communicating these events.

LoadTenderResponseType [attribute]

LoadTenderResponseType is mandatory. A single instance is required.

Code indicating the function of the e-Document.

Refer to LoadTenderResponseType definition for any enumerations.

LoadTenderResponseStatusType [attribute]

LoadTenderResponseStatusType is mandatory. A single instance is required.

Identifies the status of the entire LoadTenderResponse e-Document (in other words, at the root level).

Refer to LoadTenderResponseStatusType definition for any enumerations.

Reissued [attribute]

Reissued is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Reissued definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

LoadTenderResponseHeader

LoadTenderResponseHeader is mandatory. A single instance is required.

The LoadTenderResponseHeader contains information common to the entire LoadTenderResponse.

LoadTenderResponseSegment

LoadTenderResponseSegment is optional. Multiple instances might exist.

The details for a particular load segment.

MonetaryAdjustment

MonetaryAdjustment is optional. Multiple instances might exist.

The element containing the information necessary for the understanding, calculation, and treatment of an adjustment to a currency amount. MonetaryAdjustment contains an attribute that indicates they type of adjustment being communicated.

LoadTenderResponseSummary

LoadTenderResponseSummary is optional. A single instance might exist.

Summary information that applies to the entire LoadTenderResponse e-Document.

LoadTenderResponseHeader

The LoadTenderResponseHeader contains information common to the entire LoadTenderResponse.



LoadTenderResponseHeaderStatusType [attribute]

LoadTenderResponseHeaderStatusType is mandatory. A single instance is required.

Identifies the status of the header of the LoadTenderResponse e-Document.

Refer to LoadTenderResponseHeaderStatusType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

LoadTenderResponseNumber

LoadTenderResponseNumber is mandatory. A single instance is required.

The identifier for the LoadTenderResponse e-Document.

LoadTenderResponseIssueDate

LoadTenderResponseIssueDate is mandatory. A single instance is required.

The date when the e-Document was issued.

LoadTenderNumber

LoadTenderNumber is optional. A single instance might exist.

The identifier for the LoadTender e-Document.

LoadTenderIssueDate

LoadTenderIssueDate is optional. A single instance might exist.

The date when the e-Document was issued.

TransactionHistoryNumber

TransactionHistoryNumber is optional. A single instance might exist.

A sequential number that keeps track of the version of a document being sent by the document originator except in the case where TransactionHistoryConfirmation is used, in which case the TransactionHistoryNumber refers to the trigger transaction for which the confirmation is being sent.

TransactionHistoryConfirmationNumber

TransactionHistoryConfirmationNumber is optional. A single instance might exist.

A sequential number that indicates the version of the confirmation document being sent.

LoadTenderResponseReference

LoadTenderResponseReference is optional. Multiple instances might exist.

An item detailing relevant references pertaining to the LoadTenderResponse. The type of reference is identified by the LoadTenderReferenceType attribute.

TransportInformation

TransportInformation is optional. A single instance might exist.

A grouping element for transport information.

SenderParty

SenderParty is mandatory. A single instance is required.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is mandatory. A single instance is required.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

SupplierParty

SupplierParty is optional. A single instance might exist.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

BuyerParty

BuyerParty is optional. A single instance might exist.

The legal entity to which the product is sold. Also commonly referred to as the sold-

to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

BillToParty

BillToParty is optional. A single instance might exist.

The address where the invoice is to be sent.

ShipToCharacteristics

ShipToCharacteristics is optional. A single instance might exist.

A group item that provides information important for the Ship-To Party.

ShipToCharacteristics may be referenced at both the header and line item level. The reference at the header is required and acts as a default for the value at the line level, unless overridden at the line level.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

QuoteInCurrency

QuoteInCurrency is optional. A single instance might exist.

Indicates that the quote is to be provided in the currency specified.

Refer to QuoteInCurrency definition for any enumerations.

ValidityPeriod

ValidityPeriod is optional. A single instance might exist.

The validity period for a specific item, e.g. the validity period for an e-Document.

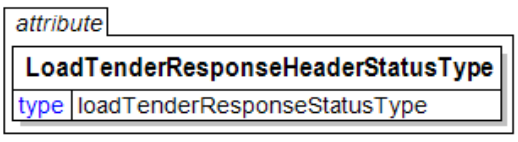
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

LoadTenderResponseHeaderStatusType [attribute]

Identifies the status of the header of the LoadTenderResponse e-Document.



This item is restricted to the following list.

Accepted

The supplied information is accepted.

Amended

The supplied information is changed

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

Pending

The supplied information is not complete and will be updated later.

Rejected

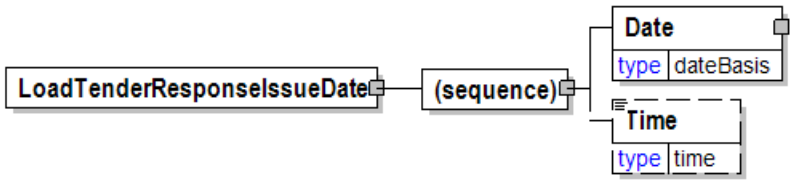
The supplied information is rejected.

LoadTenderResponseIssueDate

The date when the e-Document was issued.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

LoadTenderResponseLineItem

The details for a particular load line item.

(sequence)

The sequence of items below is mandatory. A single instance is required.



LoadTenderResponseLineItemNumber

LoadTenderResponseLineItemNumber is mandatory. A single instance is required.

The sequential number that uniquely identifies the LoadTenderResponse line item.

SupplierParty

SupplierParty is optional. A single instance might exist.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

Product

Product is optional. A single instance might exist.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in

papiNet.

QuantityInformation

QuantityInformation is mandatory. A single instance is required.

A group item containing information about quantity and informational quantity of similar items.

LoadTenderLineItemBaseAmountInformation

LoadTenderLineItemBaseAmountInformation is optional. A single instance might exist.

Group element used to detail the LoadTender Line Item's PriceDetails and TotalAmount. Normally used to identify the PricePerUnit of the line item.

MonetaryAdjustment

MonetaryAdjustment is optional. Multiple instances might exist.

The element containing the information necessary for the understanding, calculation, and treatment of an adjustment to a currency amount. MonetaryAdjustment contains an attribute that indicates they type of adjustment being communicated.

LoadTenderLineItemAmount

LoadTenderLineItemAmount is optional. A single instance might exist.

Total Amount of the LoadTenderLineItem including adjustments and tax (when tax is specified on the load tender line item).

LoadTenderLineItemAmount is equal to the LoadTenderAmount plus the sum of the signed values of the MonetaryAdjustmentAmount for all instances of MonetaryAdjustment.

PackageInformation

PackageInformation is optional. Multiple instances might exist.

The purpose of the PackageInformation structure is to clearly identify physical handling items that constitute the delivery.

PackageInformation is the highest level of product packaging it describes the shipping or warehousing unit.

- If you are communicating a package, usually for logistics or transport purposes, you should include the PackageType, Identifier, ItemCount, and Quantity. (Note: you still have the ability to describe the item with one of the "named" items.)
- If you are communicating one of the named Items there is no need to include PackageType, Identifier, ItemCount, and Quantity.

Since either of these two approaches can be used the entie contents of this element are optional even though the parent may be required. It is expected that you will fill in the appropriate details.

LengthSpecification

LengthSpecification is optional. Multiple instances might exist.

Length specification of the wood product.

LoadTenderResponseReference

LoadTenderResponseReference is optional. Multiple instances might exist.

An item detailing relevant references pertaining to the LoadTenderResponse. The type of reference is identified by the LoadTenderReferenceType attribute.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

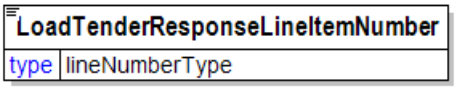
SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency).

LoadTenderResponseLineItemNumber

The sequential number that uniquely identifies the LoadTenderResponse line item.



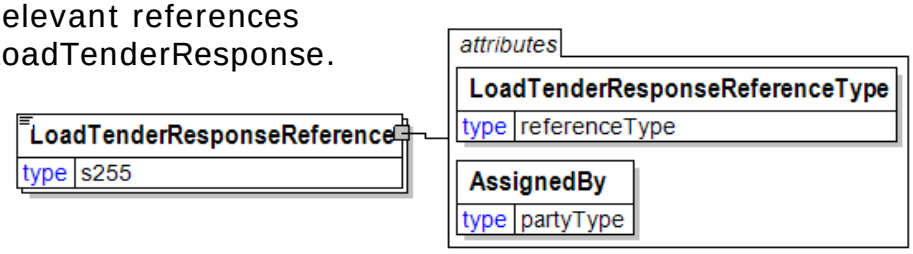
LoadTenderResponseNumber

The identifier for the LoadTenderResponse e-Document.



LoadTenderResponseReference

An item detailing relevant references pertaining to the LoadTenderResponse. The type of reference is identified by the



LoadTenderReferenceType attribute.

LoadTenderResponseReferenceType [attribute]

LoadTenderResponseReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to LoadTenderResponseReferenceType definition for any enumerations.

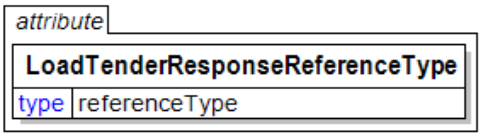
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

LoadTenderResponseReferenceType [attribute]

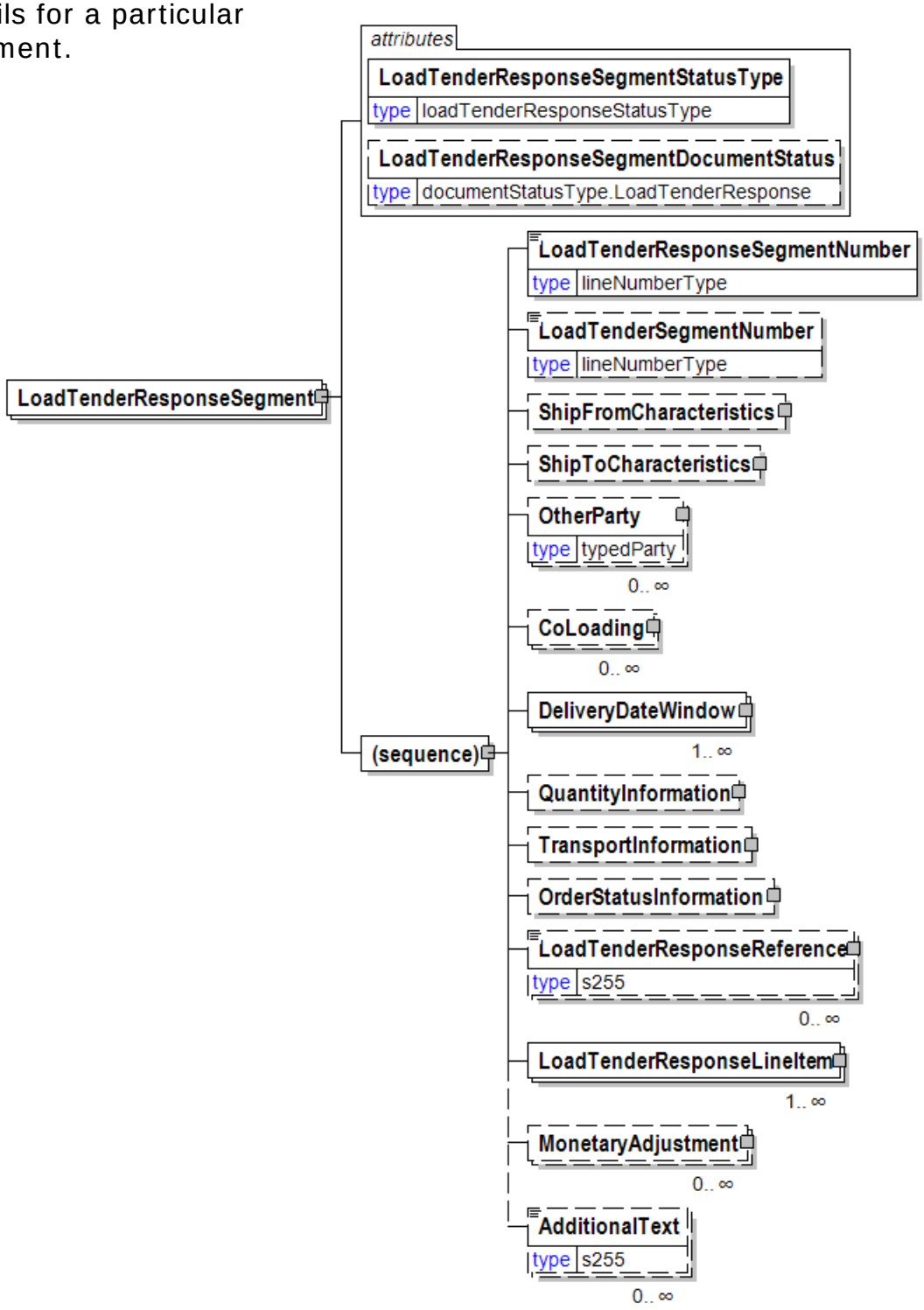


Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

LoadTenderResponseSegment

The details for a particular load segment.



LoadTenderResponseSegmentStatusType [attribute]

LoadTenderResponseSegmentStatusType is mandatory. A single instance is required.

Identifies the status of the load tender segment.

Refer to LoadTenderResponseSegmentStatusType definition for any enumerations.

LoadTenderResponseSegmentDocumentStatus [attribute]

LoadTenderResponseSegmentDocumentStatus is optional. A single instance might exist.

Defines the actual document status for the LoadTenderResponseSegment.

Refer to LoadTenderResponseSegmentDocumentStatus definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

LoadTenderResponseSegmentNumber

LoadTenderResponseSegmentNumber is mandatory. A single instance is required.

The identifier for the LoadTenderResponse segment.

LoadTenderSegmentNumber

LoadTenderSegmentNumber is optional. A single instance might exist.

The identifier for the LoadTender segment.

ShipFromCharacteristics

ShipFromCharacteristics is optional. A single instance might exist.

A group item that provides information pertaining to the Ship-From Party.

ShipFromCharacteristics may be referenced at both the header and line item level. The reference at the header, if it exists, acts as a default for the value at the line level, unless overridden at the line level.

ShipToCharacteristics

ShipToCharacteristics is optional. A single instance might exist.

A group item that provides information important for the Ship-To Party.

ShipToCharacteristics may be referenced at both the header and line item level. The reference at the header is required and acts as a default for the value at the line level, unless overridden at the line level.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

CoLoading

CoLoading is optional. Multiple instances might exist.

A group item specifying information about items to be loaded or loaded on the same transport unit.

Used to identify:

Delivery together to the drop point

Transport Orders stuffed together in a container

Transport Orders not splittable

DeliveryDateWindow

DeliveryDateWindow is mandatory. One instance is required, multiple instances might exist.

A group item defining the date/time interval for delivery to take place. An element

which may contain the estimated date for which delivery is expected. This date is not absolute.

QuantityInformation

QuantityInformation is optional. A single instance might exist.

A group item containing information about quantity and informational quantity of similar items.

TransportInformation

TransportInformation is optional. A single instance might exist.

A grouping element for transport information.

OrderStatusInformation

OrderStatusInformation is optional. A single instance might exist.

A group element that stores two levels of order status codes.

LoadTenderResponseReference

LoadTenderResponseReference is optional. Multiple instances might exist.

An item detailing relevant references pertaining to the LoadTenderResponse. The type of reference is identified by the LoadTenderReferenceType attribute.

LoadTenderResponseLineItem

LoadTenderResponseLineItem is mandatory. One instance is required, multiple instances might exist.

The details for a particular load line item.

MonetaryAdjustment

MonetaryAdjustment is optional. Multiple instances might exist.

The element containing the information necessary for the understanding, calculation, and treatment of an adjustment to a currency amount. MonetaryAdjustment contains an attribute that indicates they type of adjustment being communicated.

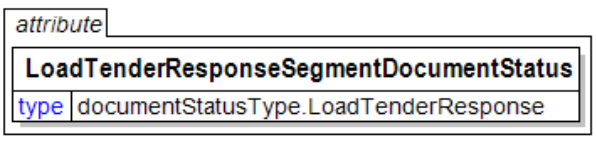
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

LoadTenderResponseSegmentDocumentStatus [attribute]

Defines the actual document status for the LoadTenderResponseSegment.



This item is restricted to the following list.

Cancelled

The supplied information of the document item is cancelled. Items that have been cancelled are not included in totals on the summary level of e-Documents.

Confirmed

The supplied information of the document item is agreed. If a requested change or cancellation of an existing document item can not be accepted, then the earlier agreed information of the document item will be re-confirmed.

Pending

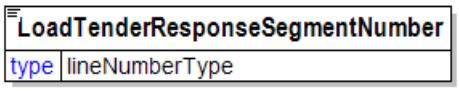
The supplied information of the document item is being investigated.

Rejected

The supplied information of the document item can not be accepted. The document item is new or not earlier confirmed.

LoadTenderResponseSegmentNumber

The identifier for the LoadTenderResponse segment.



LoadTenderResponseSegmentStatusType [attribute]

Identifies the status of the LoadTender segment.

This item is restricted to the following list.



Accepted

The supplied information is accepted.

Amended

The supplied information is changed.

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

Pending

The supplied information is not complete and will be updated later.

Rejected

The supplied information is rejected.

LoadTenderResponseStatusType [attribute]

Identifies the status of the entire LoadTender response e-Document (in other words, at the root level).

This item is restricted to the following list.



Accepted

The supplied information is accepted.

Amended

The supplied information is changed

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

Pending

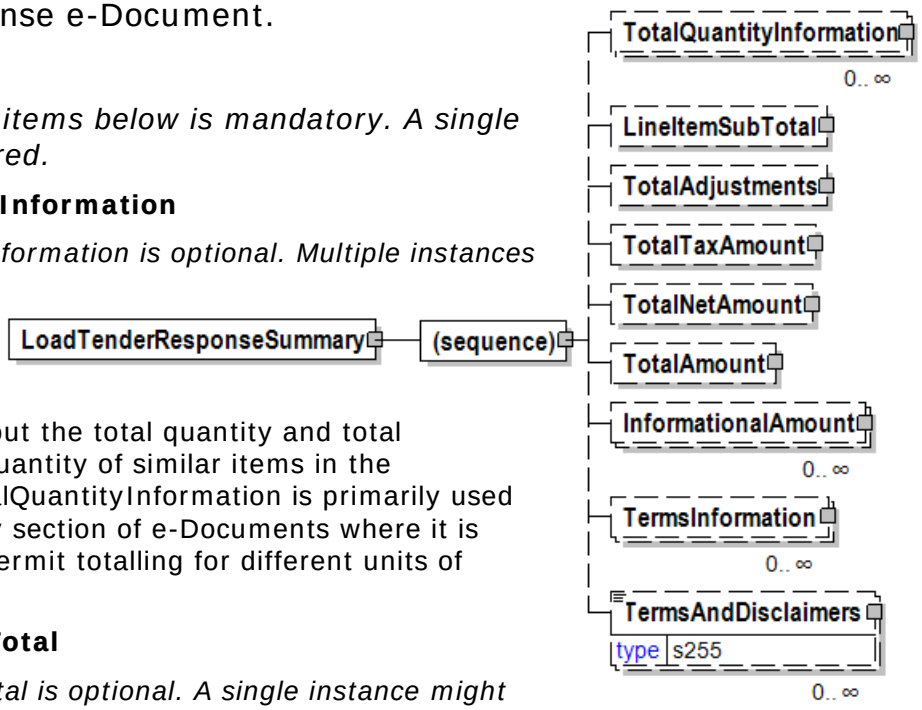
The supplied information is not complete and will be updated later.

Rejected

The supplied information is rejected.

LoadTenderResponseSummary

Summary information that applies to the entire LoadTenderResponse e-Document.



(sequence)

The sequence of items below is mandatory. A single instance is required.

TotalQuantityInformation

TotalQuantityInformation is optional. Multiple instances might exist.

A group item containing information about the total quantity and total informational quantity of similar items in the document. TotalQuantityInformation is primarily used in the summary section of e-Documents where it is repeatable to permit totalling for different units of measure.

LineItemSubTotal

LineItemSubTotal is optional. A single instance might exist.

The total amount of all base amounts on e-Document line items. The base amount contains the result of the calculation quantity times the base unit price. As such it does not include any taxes. For example, in an Invoice claiming payment for products LineItemSubTotal is equal to the sum of all InvoiceLineBaseAmount.

TotalAdjustments

TotalAdjustments is optional. A single instance might exist.

The CurrencyValue of TotalAdjustments contains the total of all adjustments and charges excluding tax. For example, in the Invoice TotalAdjustments is equal to the sum of the signed values of the MonetaryAdjustmentAmount for all instances of MonetaryAdjustment with PriceAdjustment and FlatAmountAdjustment and plus the sum of the signed values of the ChargeNetAmount for all instances of ChargeInformation.

TotalTaxAmount

TotalTaxAmount is optional. A single instance might exist.

The CurrencyValue of TotalTaxAmount contains the sum of all instances of TaxAdjustment in the document. TotalTaxAmount contains the sum of all instances of the MonetaryAdjustmentAmount for tax adjustments.

TotalNetAmount

TotalNetAmount is optional. A single instance might exist.

A field containing total amount excluding tax. For example, in the Invoice TotalNetAmount is equal to the sum of LineItemSubTotal plus TotalAdjustments. TotalNetAmount encapsulates CurrencyValue.

TotalAmount

TotalAmount is optional. A single instance might exist.

The total amount including tax (when tax is specified in the e-Document).

In e-Documents claiming payment this is the amount due for payment based on the terms of payment. Decimal rounding might be applied to this amount.

InformationalAmount

InformationalAmount is optional. Multiple instances might exist.

A monetary amount used for information purposes only (not for calculation). For example, the invoice price adjustment subtotal is expressed in sterling pounds, and the buyer wants this information expressed in U.S. dollars.

CreditDebitNote and Invoice - The TaxAmount is displayed in the currency that is applicable throughout the e-Document. When a TaxAmount needs to be displayed in a different national currency, this field is used.

TermsInformation

TermsInformation is optional. Multiple instances might exist.

An element that contains the term related information.

TermsAndDisclaimers

TermsAndDisclaimers is optional. Multiple instances might exist.

An element that contains legal information with an indication of what the Language is.

LoadTenderResponseType [attribute]

Code indicating the function of the e-Document.



This item is restricted to the following list.

PreBookingConfirmation

A communication of the requirement for a transport vehicle or unit reservation that has risen from a rough transport plan.

BookingConfirmation

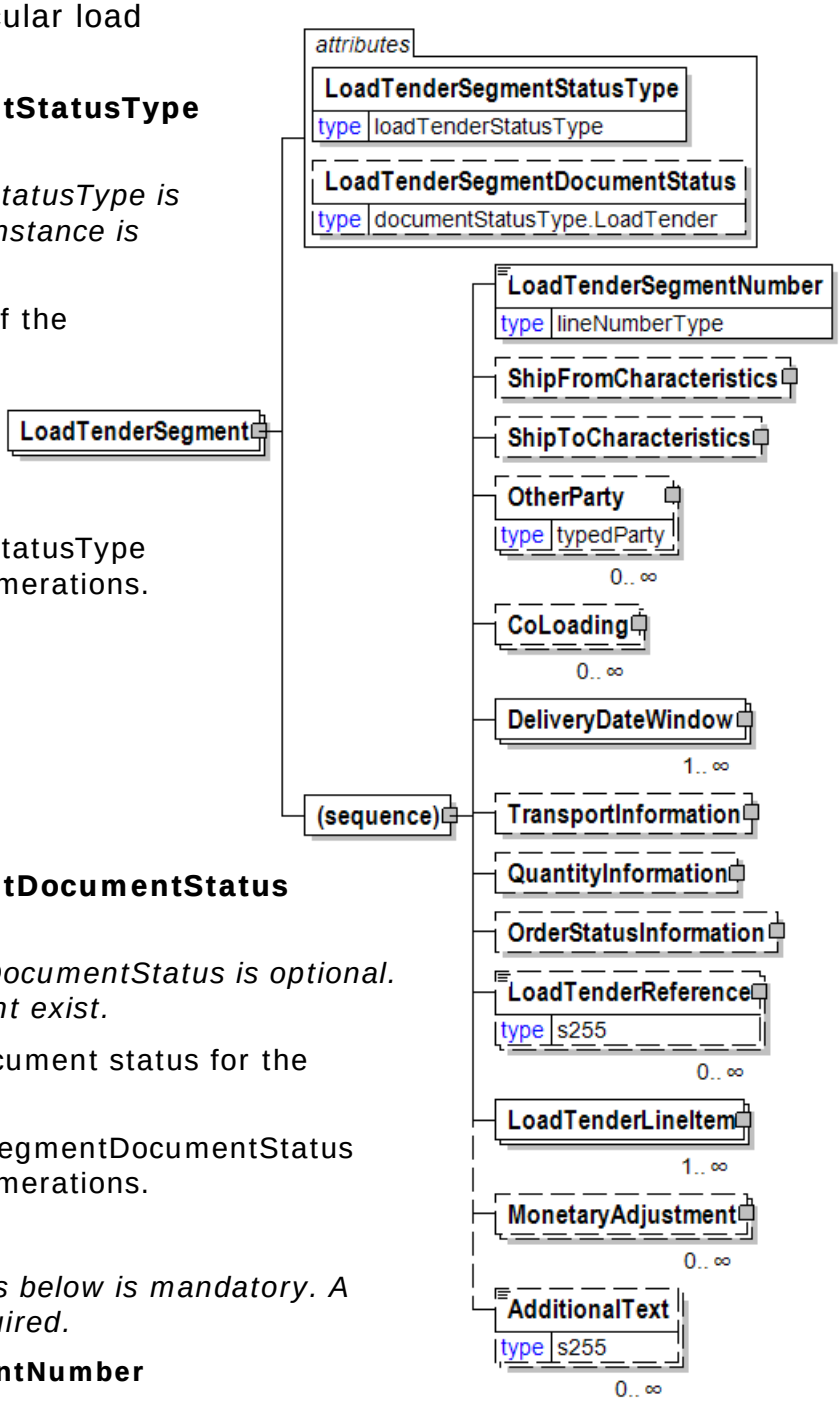
A communication affirming the placement of the booking with a particular party.

LoadTenderResponse

Indicates the ability of the respondent to fulfill the load tender request.

LoadTenderSegment

The details for a particular load segment.



LoadTenderSegmentStatusType [attribute]

LoadTenderSegmentStatusType is mandatory. A single instance is required.

Identifies the status of the LoadTender segment.

Refer to LoadTenderSegmentStatusType definition for any enumerations.

LoadTenderSegmentDocumentStatus [attribute]

LoadTenderSegmentDocumentStatus is optional. A single instance might exist.

Defines the actual document status for the LoadTenderSegment.

Refer to LoadTenderSegmentDocumentStatus definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

LoadTenderSegmentNumber

LoadTenderSegmentNumber is mandatory. A single instance is required.

The identifier for the LoadTender segment.

ShipFromCharacteristics

ShipFromCharacteristics is optional. A single instance might exist.

A group item that provides information pertaining to the Ship-From Party.

ShipFromCharacteristics may be referenced at both the header and line item level. The reference at the header, if it exists, acts as a default for the value at the line level, unless overridden at the line level.

ShipToCharacteristics

ShipToCharacteristics is optional. A single instance might exist.

A group item that provides information important for the Ship-To Party.

ShipToCharacteristics may be referenced at both the header and line item level. The reference at the header is required and acts as a default for the value at the line level, unless overridden at the line level.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

CoLoading

CoLoading is optional. Multiple instances might exist.

A group item specifying information about items to be loaded or loaded on the same transport unit.

Used to identify:

Delivery together to the drop point

Transport Orders stuffed together in a container

Transport Orders not splittable

DeliveryDateWindow

DeliveryDateWindow is mandatory. One instance is required, multiple instances might exist.

A group item defining the date/time interval for delivery to take place. An element which may contain the estimated date for which delivery is expected. This date is not absolute.

TransportInformation

TransportInformation is optional. A single instance might exist.

A grouping element for transport information.

QuantityInformation

QuantityInformation is optional. A single instance might exist.

A group item containing information about quantity and informational quantity of similar items.

OrderStatusInformation

OrderStatusInformation is optional. A single instance might exist.

A group element that stores two levels of order status codes.

LoadTenderReference

LoadTenderReference is optional. Multiple instances might exist.

An item detailing relevant references pertaining to the LoadTender. The type of reference is identified by the LoadTenderReferenceType attribute.

LoadTenderLineItem

LoadTenderLineItem is mandatory. One instance is required, multiple instances might exist.

Group element identifying a line item to be included within this LoadTender Segment.

MonetaryAdjustment

MonetaryAdjustment is optional. Multiple instances might exist.

The element containing the information necessary for the understanding, calculation, and treatment of an adjustment to a currency amount. MonetaryAdjustment contains an attribute that indicates they type of adjustment being communicated.

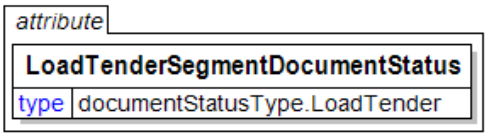
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

LoadTenderSegmentDocumentStatus [attribute]

Defines the actual document status for the LoadTenderSegment.



This item is restricted to the following list.

Cancelled

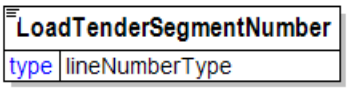
The supplied information of the document item is cancelled. Items that have been cancelled are not included in totals on the summary level of e-Documents.

Requested

The supplied information of the document item is ordered.

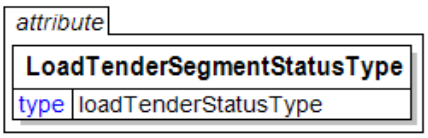
LoadTenderSegmentNumber

The identifier for the LoadTender segment.



LoadTenderSegmentStatusType [attribute]

Identifies the status of the LoadTender segment.



This item is restricted to the following list.

Amended

The supplied information is changed.

Cancelled

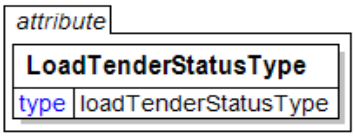
The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

Original

The supplied information is the first version of that information.

LoadTenderStatusType [attribute]

Identifies the status of the entire LoadTender e-Document (in other words, at the root level).



This item is restricted to the following list.

Amended

The supplied information is changed

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

Original

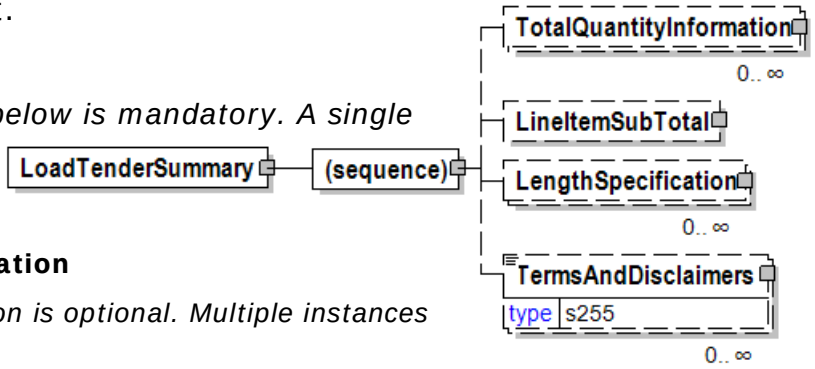
The supplied information is the first version of that information.

LoadTenderSummary

Summary information that applies to the entire LoadTender e-Document.

(sequence)

The sequence of items below is mandatory. A single instance is required.



TotalQuantityInformation

TotalQuantityInformation is optional. Multiple instances might exist.

A group item containing information about the total quantity and total informational quantity of similar items in the document. TotalQuantityInformation is primarily used in the summary section of e-Documents where it is repeatable to permit totalling for different units of measure.

LineItemSubTotal

LineItemSubTotal is optional. A single instance might exist.

The total amount of all base amounts on e-Document line items. The base amount contains the result of the calculation quantity times the base unit price. As such it does not include any taxes. For example, in an Invoice claiming payment for products LineItemSubTotal is equal to the sum of all InvoiceLineBaseAmount.

LengthSpecification

LengthSpecification is optional. Multiple instances might exist.

Length specification of the wood product.

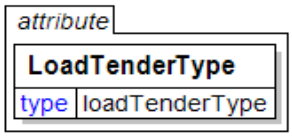
TermsAndDisclaimers

TermsAndDisclaimers is optional. Multiple instances might exist.

An element that contains legal information with an indication of what the Language is.

LoadTenderType [attribute]

Code indicating the function of the LoadTender e-Document.



This item is restricted to the following list.

PreBooking

A requirement for a transport vehicle or unit reservation that has risen from a rough transport plan.

Booking

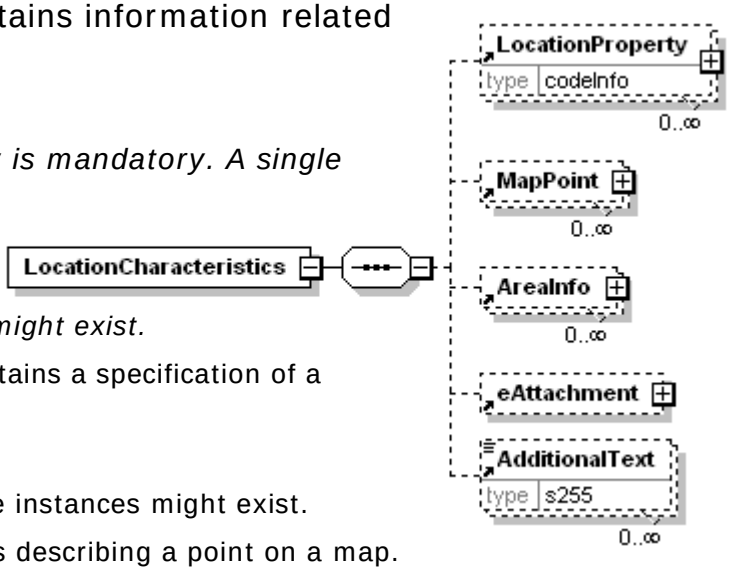
An indication that time for a service is required. For example a booking that is part of a detail transport plan.

LoadTender

More than one carrier has been informed about the upcoming transport requirement (the load).

LocationCharacteristics

A grouping element that contains information related to a geographical location.



(sequence)

The sequence of items below is mandatory. A single instance is required.

LocationProperty

LocationProperty is optional. Multiple instances might exist.

A grouping element that contains a specification of a property for a location.

MapPoint

MapPoint is optional. Multiple instances might exist.

A grouping element for items describing a point on a map. A mappoint is normally named waypoint in a GPS.

AreaInfo

AreaInfo is optional. Multiple instances might exist.

A grouping element that contains information about an area, e.g. an area belonging to a location.

eAttachment

eAttachment is optional. A single instance might exist.

eAttachment enables the sender to provide information about attachments to the document.

- Note: An element "e-Attachment" also exists. papiNet will no longer use hyphens in our element and attribute names as this causes issues with BizTalk.

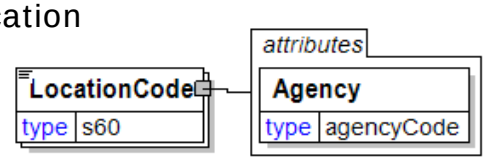
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

LocationCode

A code used to identify a specific physical location within a site identified by a party, e.g. a loading station in a warehouse or an unloading station at a printer site. LocationCode will be deprecated in a future version. Use SupplyPoint instead of LocationCode.



Agency [attribute]

Agency is mandatory. A single instance is required.

Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

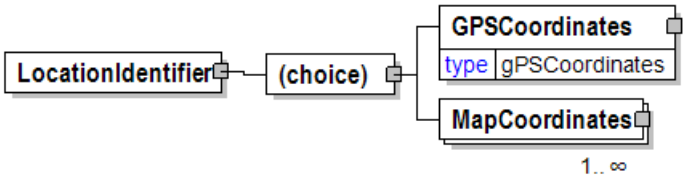
Refer to Agency definition for any enumerations.

LocationIdentifier

Options for identifying a physical location.

(choice)

[choice] is optional because of choice construct.



GPSCoordinates

GPSCoordinates is optional because of choice construct.

The location of the party as specified using a Global Positioning System.

MapCoordinates

MapCoordinates is optional because of choice construct.

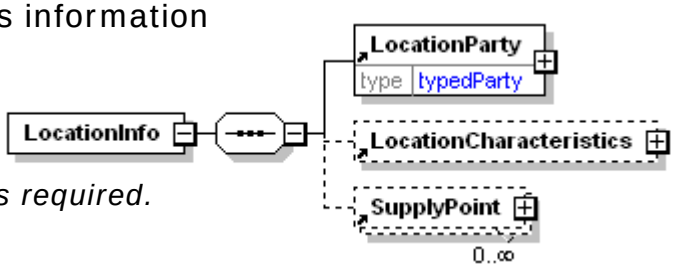
A group item defining and containing position co-ordinates of a location.

LocationInfo

A grouping element that contains information about a geographical location.

(sequence)

The sequence of items below is mandatory. A single instance is required.



LocationParty

LocationParty is mandatory. A single instance is required.

The organization or business entity where the business event took place or will take place.

LocationCharacteristics

LocationCharacteristics is is optional. A single instance might exist.

A grouping element that contains information related to a geographical location.

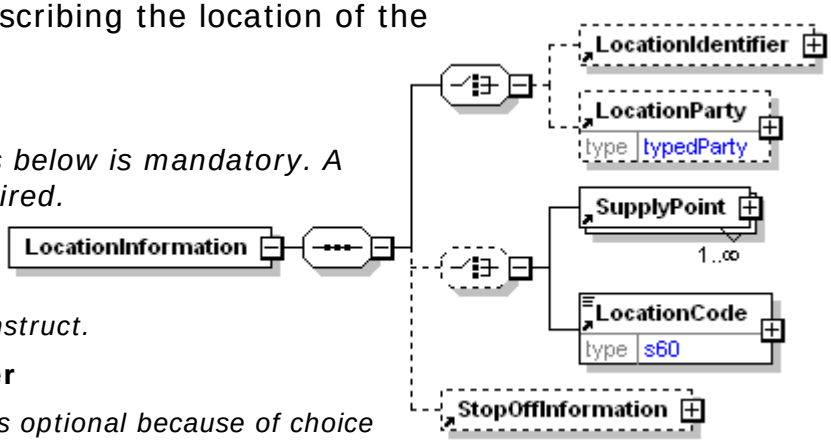
SupplyPoint

SupplyPoint is optional. Multiple instances might exist.

Grouping element that contains items describing a supply point. A SupplyPoint belongs to a LocationParty, e.g. in a DeliveryOrigin or DeliveryDestination, and describes where goods are stored and can be loaded or unloaded. A SupplyPoint can for example be a loading or unloading gate at a warehouse or a road side landing at a logging area in the forest.

LocationInformation

A grouping element describing the location of the shipment.



(sequence)

The sequence of items below is mandatory. A single instance is required.

(choice)

[choice] is optional because of choice construct.

LocationIdentifier

LocationIdentifier is optional because of choice construct.

Options for identifying a physical location.

LocationParty

LocationParty is optional because of choice construct.

The organization or business entity where the business event took place or will take place.

(choice)

[choice] is optional because of choice construct.

SupplyPoint

SupplyPoint is optional because of choice construct.

Grouping element that contains items describing a supply point. A SupplyPoint belongs to a LocationParty, e.g. in a DeliveryOrigin or DeliveryDestination, and describes where goods are stored and can be loaded or unloaded. A SupplyPoint can for example be a loading or unloading gate at a warehouse or a road side landing at a logging area in the forest.

LocationCode

LocationCode is optional because of choice construct.

A code used to identify a specific physical location within a site identified by a

party, e.g. a loading station in a warehouse or an unloading station at a printer site.
LocationCode will be deprecated in a future version. Use SupplyPoint instead of LocationCode.

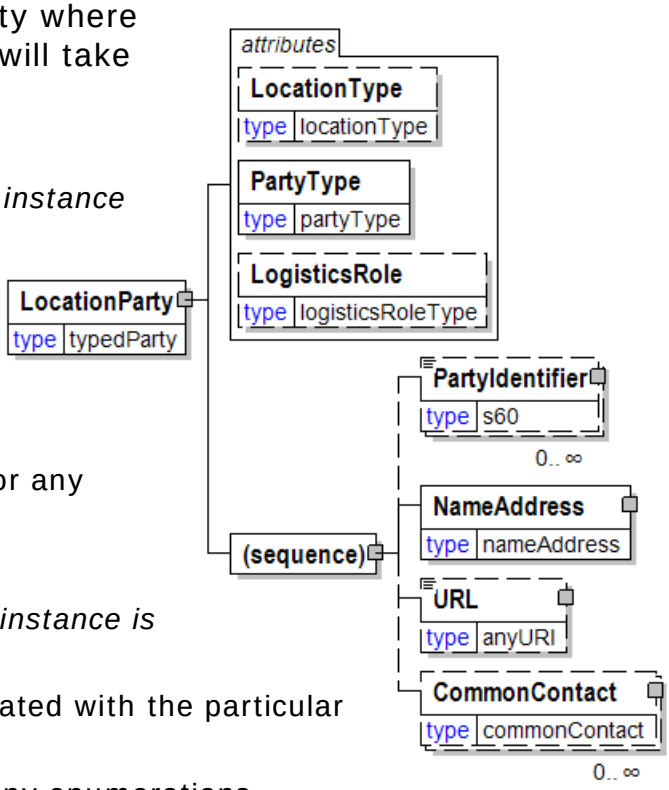
StopOffInformation

StopOffInformation is optional. A single instance might exist.

Where is the shipment and how far to the next stop.

LocationParty

The organization or business entity where the business event took place or will take place.



LocationType [attribute]

LocationType is optional. A single instance might exist.

Defines type of location when context needs to be specified, e.g. when goods are moved from one location to a new location..

Refer to LocationType definition for any enumerations.

PartyType [attribute]

PartyType is mandatory. A single instance is required.

Identifies the business role associated with the particular party

Refer to PartyType definition for any enumerations.

LogisticsRole [attribute]

LogisticsRole is optional. A single instance might exist.

Communicates the nature of the logistics role, if any, the party plays in the transaction.

Refer to LogisticsRole definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PartyIdentifier

PartyIdentifier is optional. Multiple instances might exist.

A unique identifier of a specific party. This element contains an attribute PartyIdentifierType that indicates the type of party.

NameAddress

NameAddress is mandatory. A single instance is required.

A group item containing name and address of an organisation or business entity.

URL

URL is optional. A single instance might exist.

Universal Resource Locator. While typically a web address you could use this field to hold an email address.

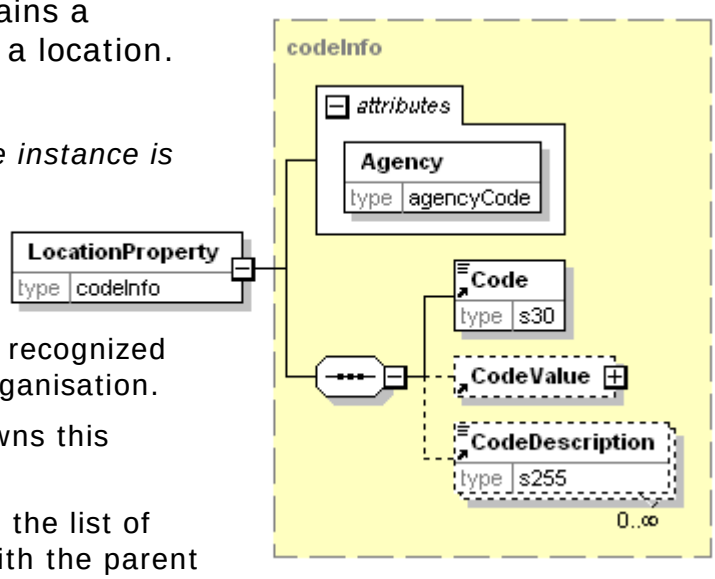
CommonContact

CommonContact is optional. Multiple instances might exist.

Identifies a specific individual associated with the party.

LocationProperty

A grouping element that contains a specification of a property for a location.



Agency [attribute]

Agency is mandatory. A single instance is required.

Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Code

Code is mandatory. A single instance is required.

Specifies a code that is defined by an agency. The agency is given for the whole construct containing the code.

CodeValue

CodeValue is optional. A single instance might exist.

A grouping element specifying a value belonging to a code that is defined by an agency.

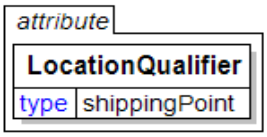
CodeDescription

CodeDescription is optional. Multiple instances might exist.

A textual description for the meaning of a code that is defined by an agency.

LocationQualifier [attribute]

An attribute of the shipment method of payment describing the location to which the delivery terms refer. This location determines where and when the goods ownership is transferred from the seller to the buyer.



This item is restricted to the following list.

Destination

Ownership is transferred at the final destination.

DistributionCentre

Ownership is transferred at the distribution centre, which is an intermediate warehouse.

Dock

Ownership is transferred at the dock.

Factory

Ownership is transferred where the product is made.

Mill

Ownership is transferred at the manufacturing unit (paper mill).

OnVesselFOBPoint

Ownership is transferred on the vessel.

Origin

Ownership is transferred at the originating shipment location.

OriginAfterLoadingOnEquipment

Ownership is transferred at the time equipment is loaded at the mill/warehouse/terminal.

OriginShippingPoint

Ownership is transferred at the origin shipping point, in other words, at the port of loading.

Plant

Ownership does not transfer until received at the buyer's facility.

Port

Ownership is transferred at the port.

Reload

Ownership is transferred when the product is reloaded for final shipment.

Terminal

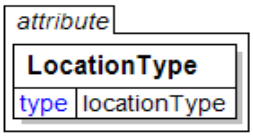
Ownership is transferred at the terminal

Warehouse

Ownership changes upon departure of the goods from the warehouse.

LocationType [attribute]

Defines type of location when context needs to be specified, e.g. when goods are moved from one location to a new location.



This item is restricted to the following list.

Destination

Defines location as a Destination

Origin

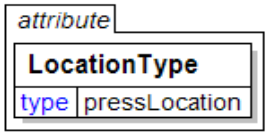
Defines location as an Origin

ViaLocation

The location is a location on the route before arrival to the destination.

LocationType [attribute]

Location of Break on the Press. A group item detailing relevant locations on the press to the Performance e-Document.



This item is restricted to the following list.

AirTurn

After Colour Unit – just prior to Dryer

Chills

After Dryer – on chill rolls

Dryer

Within Dryer equipment

Folder

Within Folders ; prior to cut off delivery

Infeed

Prior to Printing Units, after Reel Stand /Splicing Area

PrintingUnit

Within any colour unit

ReelStand

Non Splice phase – prior to Infeed

RibbonDeck

After slitting ; prior to folder

Slitter

As Web is slit to ribbons

Splicer

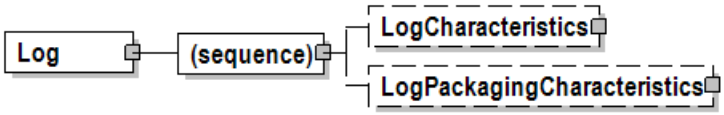
During the pasting cycle

Log

Log information

(sequence)

The sequence of items below is mandatory. A single instance is required.



LogCharacteristics

LogCharacteristics is optional. A single instance might exist.

Log characteristics

LogPackagingCharacteristics

LogPackagingCharacteristics is optional. A single instance might exist.

Log packaging characteristics

LogCharacteristics

Log characteristics

LogLengthType [attribute]

LogLengthType is optional. A single instance might exist.

Log length type

Refer to LogLengthType definition for any enumerations.

Debarked [attribute]

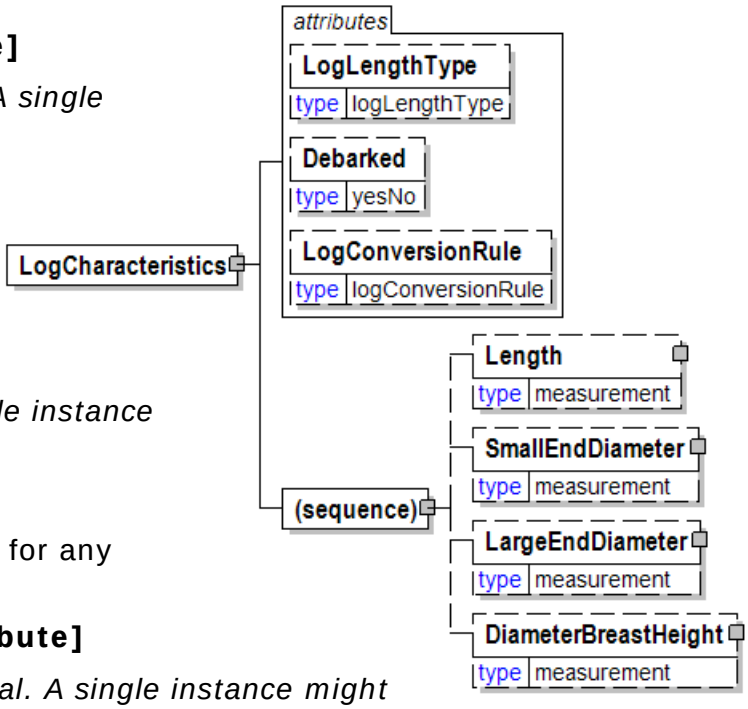
Debarked is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Debarked definition for any enumerations.

LogConversionRule [attribute]

LogConversionRule is optional. A single instance might exist.



Used to report the standard conversion rule used when converting log size to board-feet or other volume measurement

Refer to LogConversionRule definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Length

Length is optional. A single instance might exist.

The length of the object.

SmallEndDiameter

SmallEndDiameter is optional. A single instance might exist.

Reports the log crown end diameter as a measurement.

LargeEndDiameter

LargeEndDiameter is optional. A single instance might exist.

Used to report the log butt end diameter as a measurement.

DiameterBreastHeight

DiameterBreastHeight is optional. A single instance might exist.

Used to report the log diameter 4.5 feet from the butt end as a measurement. Used with the LogConversionRule attribute to determine log's volume conversion to board-feet or other measure.

LogConversionRule [attribute]

Used to report the standard conversion rule used when converting log size to board-feet or other volume measurement



This item is restricted to the following list.

Doyle

The Doyle Log Rule, developed around 1825, is based on a mathematical formula and is widely used throughout the southern United States. This rule allows for a saw kerf of 5/16 inch and a slabbing allowance of 4 inches, which is about twice the normal amount. Because of this, the Doyle Rule is somewhat inconsistent; it underestimates small logs and overestimates large logs. As a seller of timber, you must be aware that for smaller logs the Doyle Rule will underestimate the actual volume of wood that you have in your trees.

International

This rule was developed in 1906 and is based on a reasonably accurate mathematical formula. The rule allows for a 1/4-inch saw kerf and a fixed taper allowance of 1/2 inch per 4 feet of log length. Deductions are also allowed for shrinkage of boards and a slab thickness that varies with the log diameter. Overall, the International 1/4-Inch Log Rule is the most consistent and is often used as a basis of comparison for log rules.

Scribner

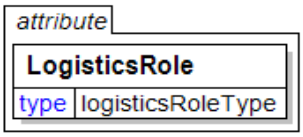
The Scribner Log Rule, developed around 1846, is a good example of a diagram rule. It was created by drawing the cross-sections of 1-inch boards within circles representing the end view of logs. A space of 1/4 inch was left between the boards to account for saw kerf. The Scribner Rule does not have an allowance for log taper and typically underestimates logs, particularly if the log length is long.

ScribnerDecimalC

The Scribner Decimal C is a different form of the Scribner Rule; it rounds the volumes to the nearest 10 board feet. For example, 392 board feet on the Scribner is equivalent to 390 board feet on the Scribner Decimal C scale.

LogisticsRole [attribute]

Communicates the nature of the logistics role, if any, the party plays in the transaction.



This item is restricted to the following list.

Consignee

The party to whom the goods are turned over to.

Consignor

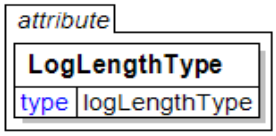
The party who is responsible for the goods prior to the shipping process.

LogisticsProvider

The party who is responsible for logistics services. This definition of LogisticsProvider allows you to define a party as a buyer of logistics services as well as a supplier of logistics services.

LogLengthType [attribute]

Log length type



This item is restricted to the following list.

CutToLength

RandomLength

Short

TreeLength

LogPackagingCharacteristics

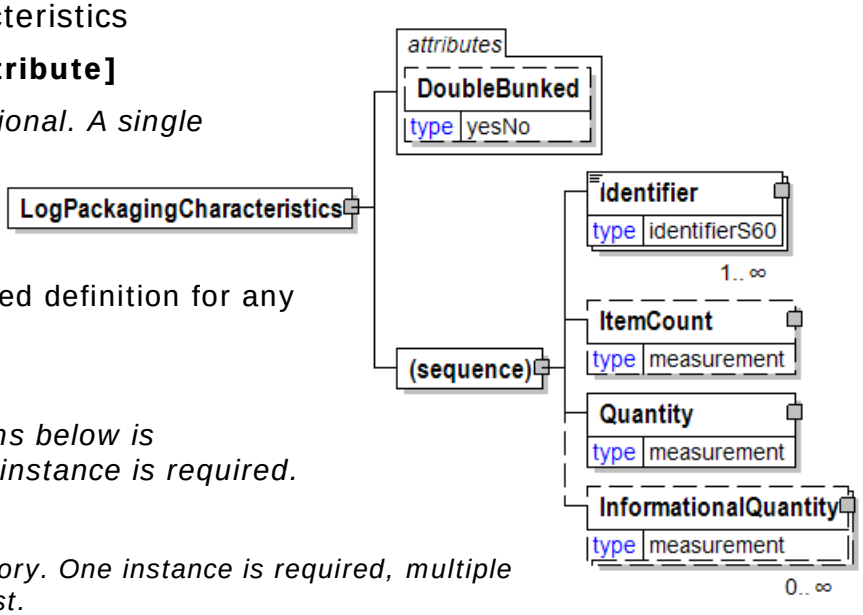
Log packaging characteristics

DoubleBunked [attribute]

DoubleBunked is optional. A single instance might exist.

Either "Yes" or "No".

Refer to DoubleBunked definition for any enumerations.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Identifier

Identifier is mandatory. One instance is required, multiple instances might exist.

An Identifier is required for packages and items (pallets, reel packages, boxes, ream items, reel items, etc). The Identifier element contains the actual item identifier code. Identifier is repeatable so more than one identifier can be communicated. For example, the printed identifier on a label may be different from

the barcode printed on the label.

ItemCount

ItemCount is optional. A single instance might exist.

A count of the number of items (examples: a count of the number of boxes on a pallet or of reams in a box).

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

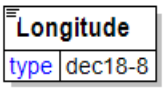
InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

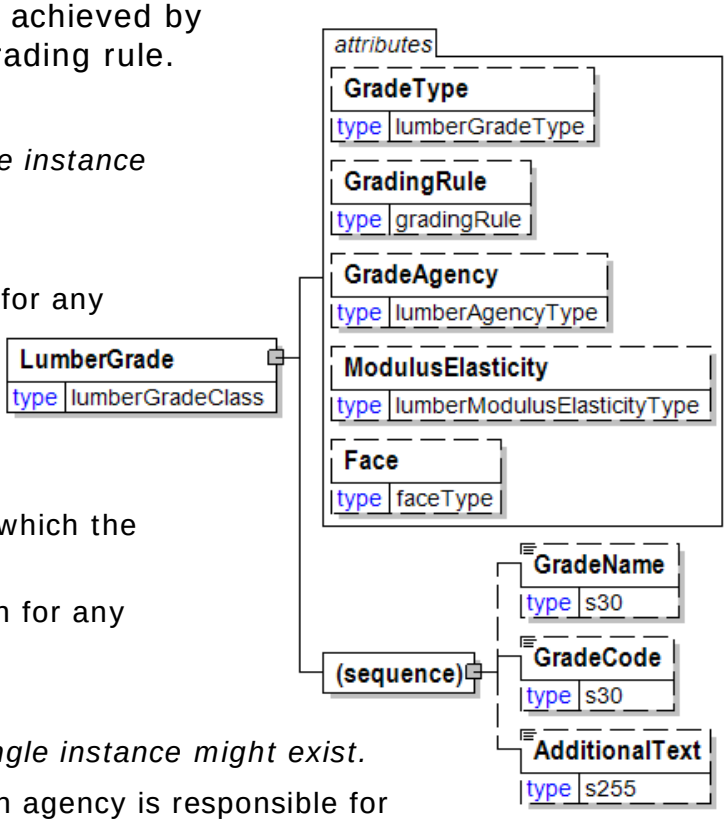
Longitude

A measurement of the position of the party or contact in degrees east or west of the prime meridian



LumberGrade

Defines quality characteristics achieved by selecting pieces based on a grading rule.



GradeType [attribute]

GradeType is optional. A single instance might exist.

Grade Type

Refer to GradeType definition for any enumerations.

GradingRule [attribute]

GradingRule is optional. A single instance might exist.

Grading rule, the rules under which the product has been graded.

Refer to GradingRule definition for any enumerations.

GradeAgency [attribute]

GradeAgency is optional. A single instance might exist.

LumberAgency identifies which agency is responsible for assigning the lumber attributes.

Refer to GradeAgency definition for any enumerations.

ModulusElasticity [attribute]

ModulusElasticity is optional. A single instance might exist.

Modulus elasticity

Refer to ModulusElasticity definition for any enumerations.

Face [attribute]

Face is optional. A single instance might exist.

Used to describe which side (or face) of the product that the grade is applicable to.

Refer to Face definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

GradeName

GradeName is optional. A single instance might exist.

A specific product name for which the owner or source is specified in the "@AssignedBy" attribute (for example, ImprovedNewsprint-45-1479)

GradeCode

GradeCode is optional. A single instance might exist.

A specific product code for which the owner or source is specified in the "@AssignedBy" attribute

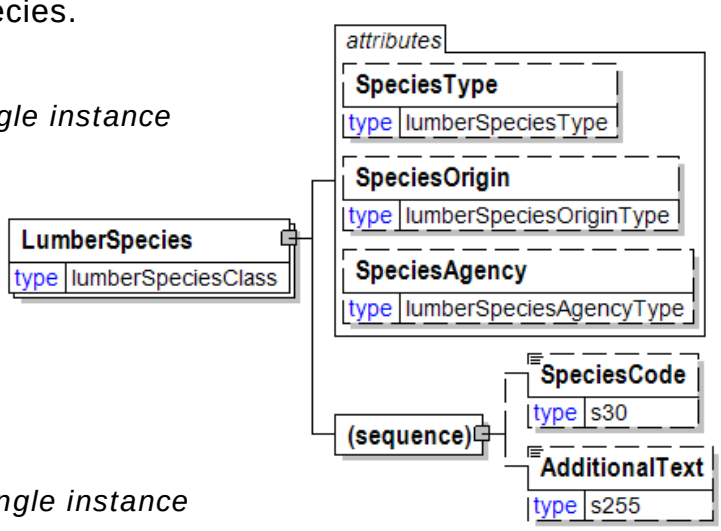
AdditionalText

AdditionalText is optional. A single instance might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

LumberSpecies

Specifies the raw material species.



SpeciesType [attribute]

SpeciesType is optional. A single instance might exist.

Defines the species or mix of species comprising the product.

Refer to SpeciesType definition for any enumerations.

SpeciesOrigin [attribute]

SpeciesOrigin is optional. A single instance might exist.

The country of origin of the species employed in manufacture of the product.

Refer to SpeciesOrigin definition for any enumerations.

SpeciesAgency [attribute]

SpeciesAgency is optional. A single instance might exist.

Defines the governing organisation of the scheme employed in determining the species of the product.

Refer to SpeciesAgency definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

SpeciesCode

SpeciesCode is optional. A single instance might exist.

Species Code

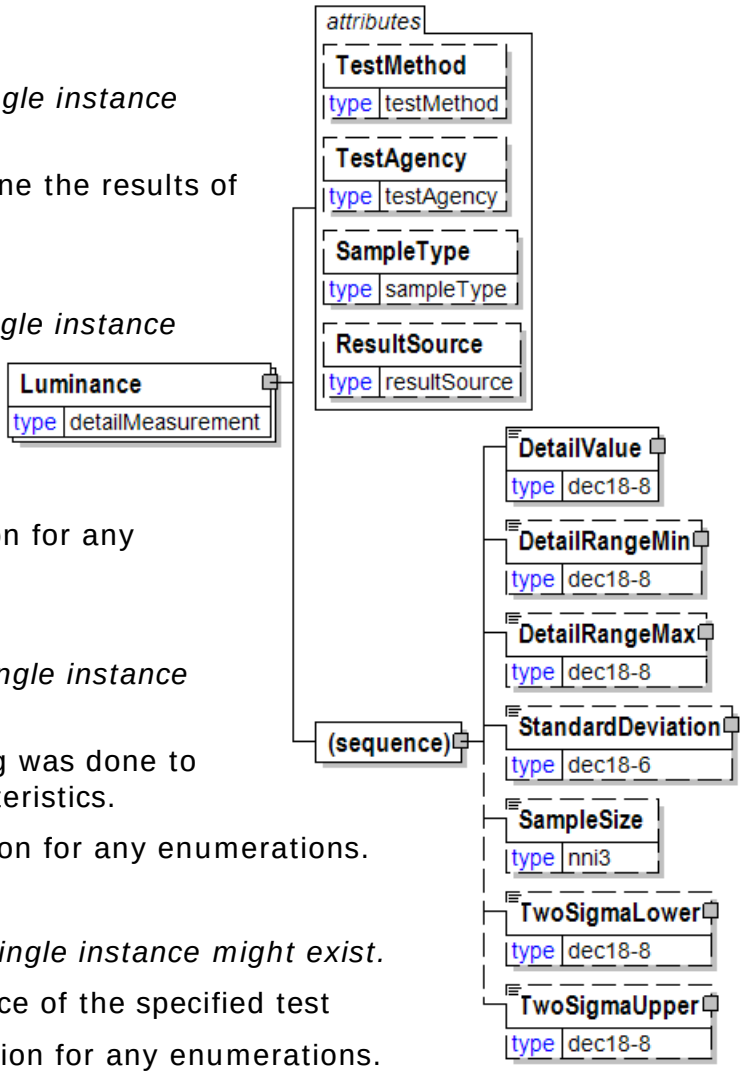
AdditionalText

AdditionalText is optional. A single instance might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

Luminance

Luminance



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

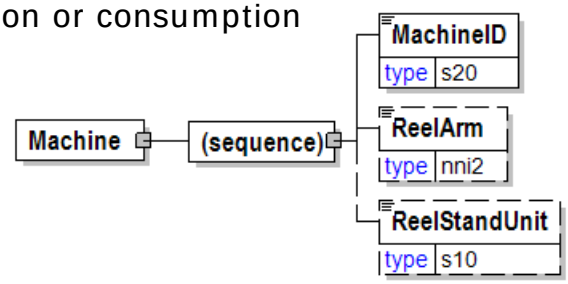
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

Machine

Machine is used to capture information specific to the particular machine used in the conversion or consumption process.



(sequence)

The sequence of items below is mandatory. A single instance is required.

MachineID

MachineID is mandatory. A single instance is required.

An identifier assigned to the particular machine being referenced. For example, a machine could be a paper machine, an off-line coater, a sheeter, or a printing press. The particular machine being referenced will be determined by the business event being supported.

ReelArm

ReelArm is optional. A single instance might exist.

The reel arm number.

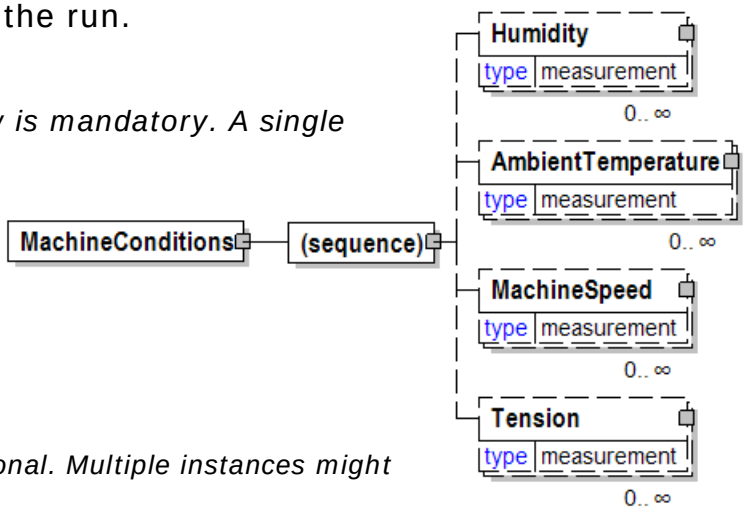
ReelStandUnit

ReelStandUnit is optional. A single instance might exist.

The reelstand unit number.

MachineConditions

A grouping element for all the environmental measurement at the time of the run.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Humidity

Humidity is optional. Multiple instances might exist.

Humidity

AmbientTemperature

AmbientTemperature is optional. Multiple instances might exist.

The temperature of the surrounding environment.

MachineSpeed

MachineSpeed is optional. Multiple instances might exist.

The rate at which the machine is, was, or should be running.

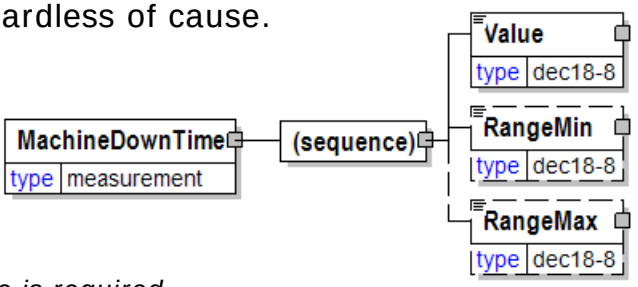
Tension

Tension is optional. Multiple instances might exist.

Tension of the web on the printing press.

MachineDownTime

The length of loss production time that a machine experienced due to malfunction regardless of cause.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

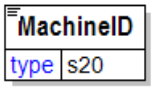
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

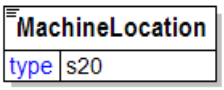
MachineID

An identifier assigned to the particular machine being referenced. For example, a machine could be a paper machine, an off-line coater, a sheeter, or a printing press. The particular machine being referenced will be determined by the business event being supported.



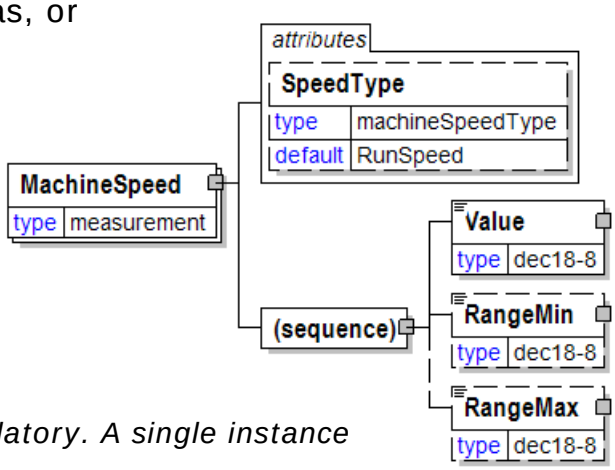
MachineLocation

A unique and defined area in the operating machine. On a printing press it would include areas such as: “Splicer”, “Infeed”, “Print Unit”, “folder”, “Silcone coater”. Also see PressBreakLocation.



MachineSpeed

The rate at which the machine is, was, or should be running.



SpeedType [attribute]

SpeedType is optional. A single instance might exist.

Speed Type

Refer to SpeedType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

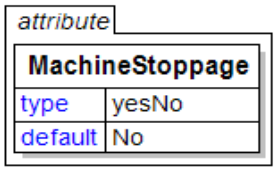
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

MachineStoppage [attribute]

An indicator on whether the production had to be periodically stopped.



This item is restricted to the following list.

Yes

No

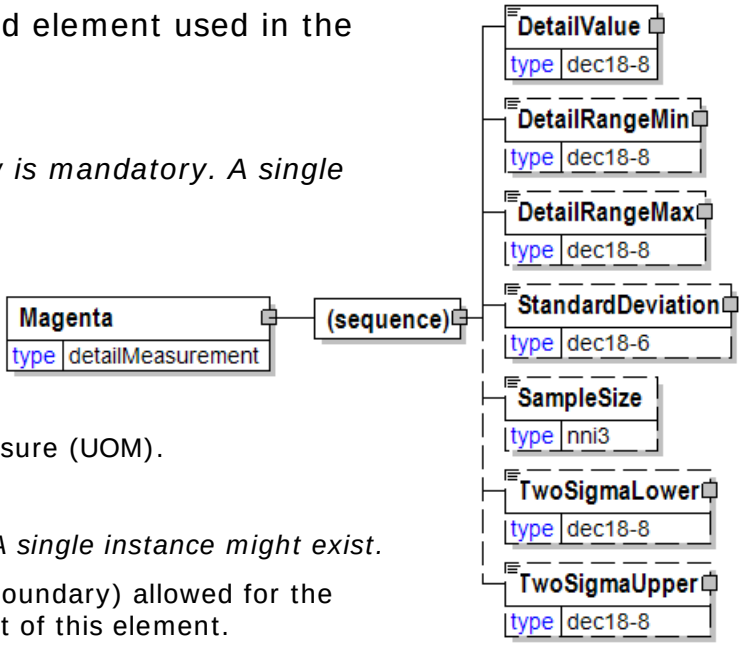
Magenta

The Magenta component of a colour.

Magenta is a locally defined element used in the CMYK element.

(sequence)

The sequence of items below is mandatory. A single instance is required.



DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

TwoSigmaUpper

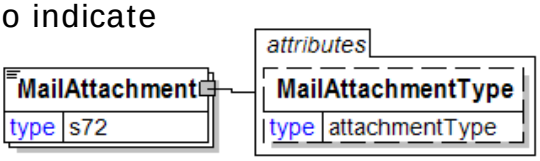
TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the

upper side of the standard deviation.

MailAttachment

MailAttachment enables the complainer to indicate that they are providing by mail (express courier, snail mail etc.) proof of the Complaint.



MailAttachmentType [attribute]

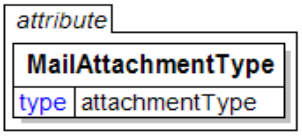
MailAttachmentType is optional. A single instance might exist.

The type of mail attachment.

Refer to MailAttachmentType definition for any enumerations.

MailAttachmentType [attribute]

The type of mail attachment.



This item is restricted to the following list.

BillOfLading

The mail attachment is a bill of lading.

CMR

Collection maintenance repair, a standard book repair method

Photo

The mail attachment is a photo.

Sample

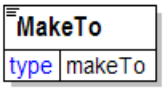
The mail attachment is a sample.

Waybill

The forwarding agreement or carrying agreement that is used as a receipt for cargo and as a contract of carriage.

MakeTo

Indicates upon which constraint production should be based on (length or diameter). Specifies the basis of the finished diameter of a reel, either a Diameter specification or a Length of paper specification



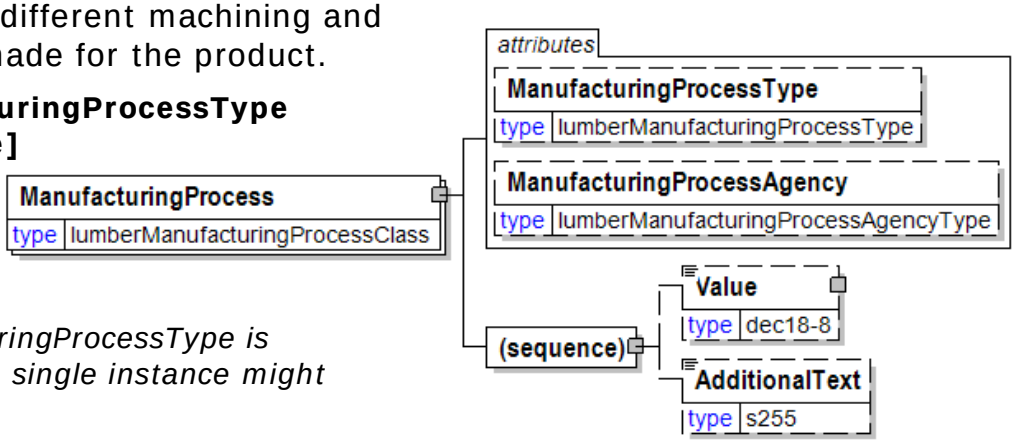
This item is restricted to the following list.

Length

Diameter

ManufacturingProcess

Defines the different machining and processes made for the product.



ManufacturingProcessType [attribute]

ManufacturingProcessType is optional. A single instance might exist.

Describes the exact nature of any further mechanical processing applied to the product.

Refer to ManufacturingProcessType definition for any enumerations.

ManufacturingProcessAgency [attribute]

ManufacturingProcessAgency is optional. A single instance might exist.

Manufacturing process agency

Refer to ManufacturingProcessAgency definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is optional. A single instance might exist.

A numeric value expressed in the unit of measure (UOM).

AdditionalText

AdditionalText is optional. A single instance might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

ManufacturingProcessAgency [attribute]

Manufacturing process agency

This item is restricted to the following list.



ISO

International Organization for Standardization

prEN TC(1113-1)

Supplier

Product supplier is the agency for the coding structure.

ManufacturingProcessType [attribute]

Describes the exact nature of any further mechanical processing applied to the product.



This item is restricted to the following list.

Chamfered

The edge is beveled.

Combed

Compressed

Cut

DrySplitted

EndMatched

Finesawn

FJ-Lam

FJ-Lam components are knotless, finger-jointed and laminated blanks up to 6 meters

FJ-Blank

FurtherProcess

FingerJointed

GlueLamBeam

GreenSplitted

H and M

H or M

HeatTreated

Impregnated

ImpregnatedA

ImpregnatedWolmanitAB

KD56/30

Phyto sanitary treatment. Kiln Dried up to a temperature in the core of the piece of at least 56 C for at least 30 minutes.

Lacquered

Lamwood

A piece of wood built up of plies or laminations that have been joined either with glue or with mechanical fastenings: the term is most frequently applied where the plies are too thick to be classified as veneer and when the grain of all plies is parallel.

MachineStrengthGraded

NorthFloor

Notched

OilTreated

Opti-Blank

Painted

Planed

Pro-Lam

Resawn

Rough

Uneven texture, not smooth as passed through a saw.

Rougher Headed

RoughSawn

S1E

Surfaced one edge

S1S

Surfaced one side

S1S EdgeRgh

Surfaced one side, edge rough

S1S1E

Surfaced one side, one edge

S1S2E

Surfaced one side, two edges

S2E

Surfaced two edges

S2S

Surfaced two sides

S2S EdgeRgh

Surfaced two sides, edge rough

S2S1E

Surfaced two sides, one edge

S4S

Surfaced four sides

S4SEE

Surfaced four sides, eased edges

Sawn

SawTexture

Smooth

Split

StrengthGraded

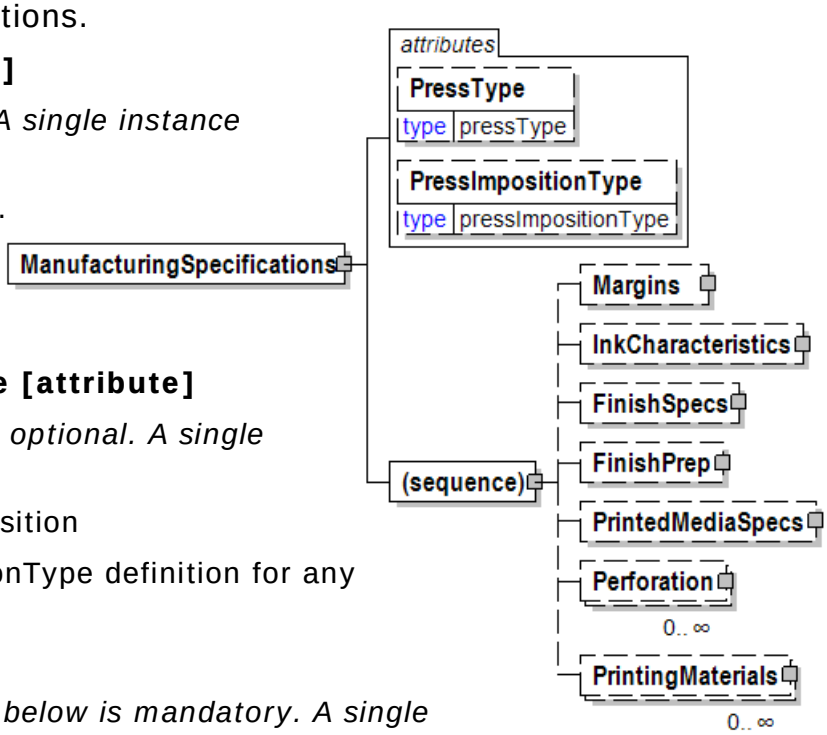
Treated

Vstol

Other

ManufacturingSpecifications

Manufacturing specifications.



PressType [attribute]

PressType is optional. A single instance might exist.

The type of press used.

Refer to PressType definition for any enumerations.

PressImpositionType [attribute]

PressImpositionType is optional. A single instance might exist.

The type of press imposition

Refer to PressImpositionType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Margins

Margins is optional. A single instance might exist.

Margins.

InkCharacteristics

InkCharacteristics is optional. A single instance might exist.

The ink characteristics.

Note: The child element, InkCoverage, will be deprecated from InkCharacteristics in an upcoming version. Use the instance of InkCoverage found in ColourSpecs.

FinishSpecs

FinishSpecs is optional. A single instance might exist.

Finish specifications

FinishPrep

FinishPrep is optional. A single instance might exist.

Finish prep

PrintedMediaSpecs

PrintedMediaSpecs is optional. A single instance might exist.

Printed media specifications

Perforation

Perforation is optional. Multiple instances might exist.

Perforation information

PrintingMaterials

PrintingMaterials is optional. Multiple instances might exist.

Printing materials information.

MapAreaBorderType [attribute]

Specifies if the coordinates belong to an outer border or an inner border for map point displayed as an area point. An area specified by an inner border is excluded from the area specified by the outer border.



This item is restricted to the following list.

Inner

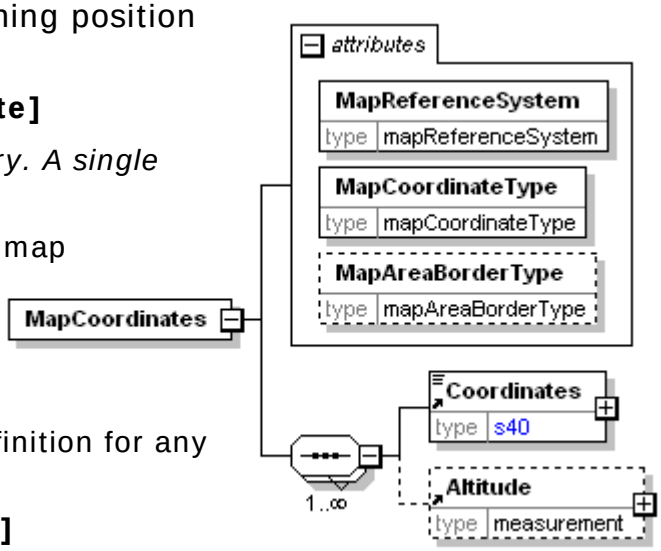
The inner border for a map point displayed as an area point.

Outer

The outer border for a map point displayed as an area point.

MapCoordinates

A group item defining and containing position co-ordinates of a location.



MapReferenceSystem [attribute]

MapReferenceSystem is mandatory. A single instance is required.

MapReferenceSystem defines the map projection and the origin of the co-ordinate system used for production of the map. Also referred to as Map Datum.

Refer to MapReferenceSystem definition for any enumerations.

MapCoordinateType [attribute]

MapCoordinateType is mandatory. A single instance is required.

MapCoordinateType defines the co-ordinate system.

Refer to MapCoordinateType definition for any enumerations.

MapAreaBorderType [attribute]

MapCoordinateType is optional. A single instance might exist.

Specifies if the coordinates belong to an outer border or an inner border for map point displayed as an area point. An area specified by an inner border is

excluded from the area specified by the outer border.

Refer to MapAreaBorderType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. Multiple instances might exist.

Coordinates

Coordinates is mandatory. A single instance is required.

Contains the position co-ordinates of a location.

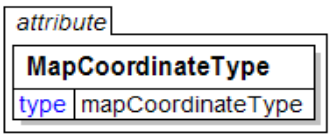
Altitude

Altitude is optional. A single instance might exist.

The height of a location above a ground reference point as specified by the map reference system.

MapCoordinateType [attribute]

MapCoordinateType defines the co-ordinate system.



This item is restricted to the following list.

ETRS-TM35FIN

ETRS-TM35FIN is a co-ordinate system used in Finland.

KKJ1

KKJ zone 1 is a map coordinate system used in western part of Finland with rectangular grid-coordinates (northing, easting).

KKJ2

KKJ zone 2 is a map coordinate system used in western part of Finland with rectangular grid-coordinates (northing, easting).

KKJ3

KKJ zone 3 is a map coordinate system used in middle part of Finland with rectangular grid-coordinates (northing, easting).

KKJ4

KKJ zone 4 is a map coordinate system used in eastern part of Finland with rectangular grid-coordinates (northing, easting).

Lambert93

Lambert 93 is the official map projection of Metropolitan France since December 26, 2000 (http://www.ign.fr/telechargement/P.I/Objectifs/Statuts/texte-26.12.2000.pdf)

More info at:

http://www.ign.fr/telechargement/MPro/geodesie/CIRCE/NTG_87.pdf

Lambert1

Lambert Zone 1 is a co-ordinate system used for the nothern part of France.

More info at:

http://www.ign.fr/telechargement/education/fiches/geodesie/projections.pdf

http://www.ign.fr/telechargement/education/fiches/geodesie/projections_EN.pdf

Lambert2

Lambert Zone 2 is a co-ordinate system used for the centre part of France.

More info at:

http://www.ign.fr/telechargement/education/fiches/geodesie/projections.pdf

http://www.ign.fr/telechargement/education/fiches/geodesie/projections_EN.pdf

Lambert3

Lambert Zone 3 is a co-ordinate system used for the southern part of France.

More info at:

http://www.ign.fr/telechargement/education/fiches/geodesie/projections.pdf

http://www.ign.fr/telechargement/education/fiches/geodesie/projections_EN.pdf

Lambert4

Lambert Zone 4 is a co-ordinate system used for Corsica.

More info at:

http://www.ign.fr/telechargement/education/fiches/geodesie/projections.pdf

http://www.ign.fr/telechargement/education/fiches/geodesie/projections_EN.pdf

Lambert2Etendu

Lambert 2 Etendu is a co-ordinate system used for all of France. It is an extension of Lambert Zone 2 for metropolitan France.

More info at:

http://www.ign.fr/telechargement/education/fiches/geodesie/projections.pdf

http://www.ign.fr/telechargement/education/fiches/geodesie/projections_EN.pdf

LatLong

Co-ordinates specified as Latitude and Longitude.

RT90_2.5GonV

RT90 2.5 gon V 0:-15 is a co-ordinate system used in Sweden.

More info at http://www.lantmateriet.se

SWEREF99TM

SWEREF99 TM is a co-ordinate system used in Sweden.

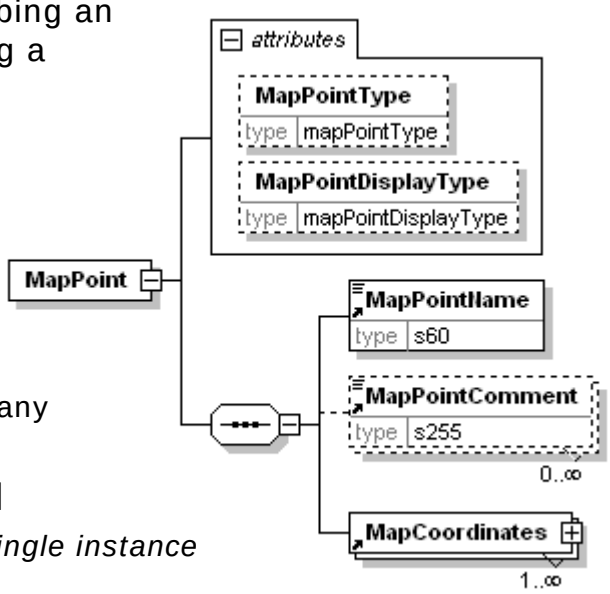
More info at http://www.lantmateriet.se

UTM

The Universal Transverse Mercator (UTM) coordinate system is a grid-based method of specifying locations on the surface of the Earth. The system employs a series of sixty zones, each of which is based on a specifically defined secant Transverse Mercator projection.

MapPoint

A grouping element for items describing an object on a map. A map point having a single coordinate is normally named waypoint in a GPS.



MapPointType [attribute]

MapPointType is optional. A single instance might exist.

Type of object specified by a map point.

Refer to MapPointType definition for any enumerations.

MapPointDisplayType [attribute]

MapPointDisplayType is optional. A single instance might exist.

Defines how map points are processed and displayed on maps by map applications.

Refer to MapPointDisplayType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

MapPointName

MapPointName is mandatory. A single instance is required.

A unique name for a point on a map. It is also normally the name of the corresponding waypoint in a GPS.

MapPointComment

MapPointComment is optional. Multiple instances might exist.

A descriptive text for a point on a map. It is also normally shown in a GPS as a comment for the corresponding waypoint.

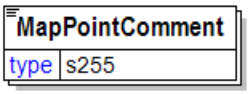
MapCoordinates

MapCoordinates is mandatory. One instance is required, multiple instances might exist.

A group item defining and containing position co-ordinates of a location.

MapPointComment

A descriptive text for a point on a map. It is also normally shown in a GPS as a comment for the corresponding waypoint.



MapPointDisplayType [attribute]

Defines how map points are processed and displayed on maps by map applications.



This item is restricted to the following list.

AreaPoint

A map point that is displayed as a border line of a polygon area on maps. A number of coordinates are given for this type of map point. The last coordinate has to be the same as the first coordinate. Map applications draw a line between these coordinates when displaying it on maps.

Attribute MapAreaBorderType for element MapCoordinates specifies if the coordinates belong to an outer border or an inner border. An area specified by an inner border is excluded from the area specified by the outer border.

LinePoint

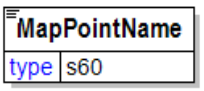
A map point that is displayed as a line on maps. A number of coordinates are given for this type of map point. Map applications draw a line between these coordinates when displaying it on maps. A LinePoint can be represented as a Track object in a GPS or in the gpx-standard.

UserWaypoint

A map point that is displayed as a normal waypoint visible for the user.

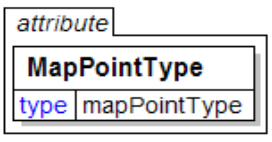
MapPointName

A unique name for a point on a map. It is also normally the name of the corresponding waypoint in a GPS.



MapPointType [attribute]

Type of object specified by a map point.



This item is restricted to the following list.

ApproachingWay

A map point showing the way how to approach the destination, e.g. a supply point. The advised way starts from the first given map point continuing to the next ones. Extra information about the way can be given in MapPointComment.

Barrier

An object serving to obstruct passage or to maintain separation, e.g. a gate.

BearingCapacityRestriction

A map point showing where bearing capacity restriction exists on the road.

Bridge

A bridge, e.g. for crossing over a river. A bridge might be restricted by width and bearing capacity.

CraneTemporaryStorage

A place where a crane used for loading and unloading can temporarily be put.

DrivingProhibited

A map point specifying that driving is prohibited on this leg of the road.

Ferry

A ferry crossing with restrictions along a road. Typically restricted by width and bearing capacity.

Footpath

A map point showing a footpath.

ForestRoad

Usually a light constructed road used mainly for forestry operations and wood transportations.

HazardPlace

A map point which needs to be noticed in order to drive or work safely, e.g. a point on a road or at a roadside landing.

LoggingArea

A map point showing a logging area.

MainIntersection

Connection point between a main road and minor roads.

Passage

A section or crossing with restrictions along a road. Typically restricted by width.

PassingPossibility

Place where vehicles can turn around.

PointOfNatureValues

A map point of special nature values which have to be taken into account in the operations.

PointOfRemark

A map point with special information which has to be taken into account in the operations.

PowerLine

A power line which can cause a danger to drivers and has to be taken into account in the operations.

RescuePlace

A map point showing a rescue place, e.g. defined for a work place.

RoadWorks

Repairs to a road forming a hazard or obstruction to traffic.

RouteLegEnd

End point of a route leg.

RouteLegStart

Start point of a route leg.

RouteEnd

End point of a route.

RouteStart

Start point of a route.

Slope

A section of a road with a gradient forming obstruction to traffic.

SupplyPoint

A map point showing a supply point, e.g. a roadside landing.

TelephoneCable

A telephone or a data communication cable which has to be taken into account in the operations.

TemporaryRoad

Usually a light constructed and temporary road used for wood transportations and loggings, e.g. a winter road.

TrafficRestriction

A map point with special restriction to the traffic. Detailed information of the restriction can be given in MapPointComment.

TrafficWarning

A map point with special warning or notice concerning the traffic on the road. Detailed information of the warning can be given in MapPointComment.

TurningPossibility

A place where vehicles can turn around.

UnderPass

A section of a road that passes under another road, railway line, etc. Typically restricted by height and width.

WeighBridge

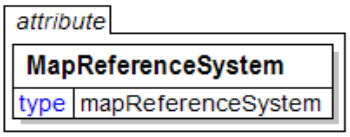
Place for weighing of vehicles.

WorkCabinPlace

A map point showing the place for a work cabin, e.g. a temporary place in the forest for a cabin used by forest workers.

MapReferenceSystem [attribute]

MapReferenceSystem defines the map projection and the origin of the co-ordinate system used for production of the map. Also referred to as Map Datum.



This item is restricted to the following list.

ETRS89

The European Terrestrial Reference System 1989 is a three-dimensional geodetic frame of reference - a mapping coordinate system used as the standard high accuracy system for GPS in Europe. ETRS89 is the EU-recommended frame of reference for geodata for Europe.

More info at http://lareg.ensg.ign.fr/EUREF

EUREF-FIN

A map reference system used in Finland

KKJ

A map reference system used in Finland. This older system will be replaced by ETRS89 (EUREF-FIN) on new maps.

NTF

NTF is a Map reference System used in France. Although the official MapReference System in France is RGF93, NTF is still the most used reference system in year 2007.

Code EPSG used by Open Geospatial Consortium: 4807 More info at:

http://www.ign.fr/telechargement/education /fiches/geodesie/syst%C3%A8mes.pdf

http://www.ign.fr/telechargement/education /fiches/geodesie/systèmes_EN.pdf

http://www.ign.fr/telechargement/education /fiches/geodesie/coordonnées_EN.pdf

RGF93

RGF93 is the official geodetic frame of reference for France (http://www.ign.fr/telechargement/P.I/Objectifs/Statuts/texte-26.12.2000.pdf). It is a subset of ETRS89.

Code EPSG used by Open Geospatial Consortium for RGF93: 4965 (3D), 4171 (2D).

We can consider that the latitude and the longitude defined with the MapReferenceSystem RGF93 are equivalent to the latitude and the longitude defined with WGS84 (1 to 2 centimetres of gap).

RT90

A map reference system used in Sweden.

More info at http://www.lantmateriet.se

SWEREF99

A map reference system used in Sweden. The older reference system RT90

will be replaced by SWEREF99 on new maps.

More info at http://www.lantmateriet.se

WGS84

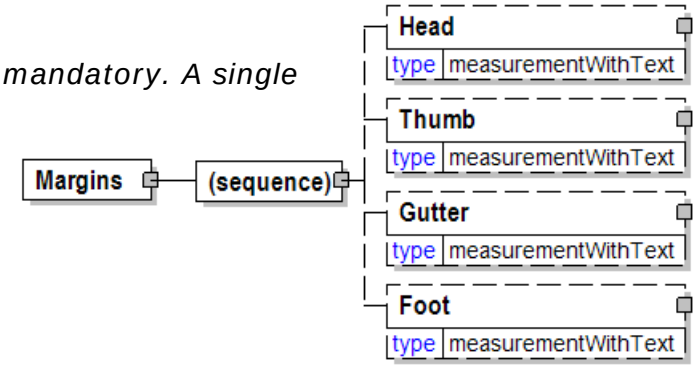
The World Geodetic System defines a global reference system for the earth. WGS84 is the revision from year 1984. It is the reference system used by the Global Positioning System (GPS). WGS 84 is the most common reference system used for web based maps, e.g. Googlemaps and Google Earth.

Margins

Margins.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Head

Head is optional. A single instance might exist.

Head.

Thumb

Thumb is optional. A single instance might exist.

Thumb.

Gutter

Gutter is optional. A single instance might exist.

Gutter

Foot

Foot is optional. A single instance might exist.

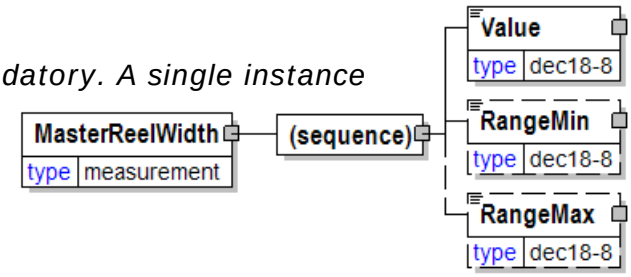
Foot

MasterReelWidth

The master reel width.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

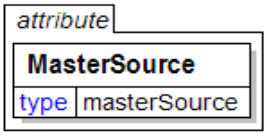
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

MasterSource [attribute]

The source of the master



This item is restricted to the following list.

1610/1630

1/4Inch2TrackR2RTape

CDR

The source is Compact Disc Recordable.

DAT

The source is Digital Audio Tape.

DATWithLog

Diskette

DVD

The source is Digital Video Disk.

Electronic

Exabyte

A company (and, by extension, a tape format) for computer data backup and transfer onto data quality 8-mm VCR tape. Exabyte units can store 5 Gbytes of data per tape.

Jazz

The Jazz drive is a removable storage solution developed by Iomega Corp. The Jaz drive has a 12-ms average seek time and the removable cartridges hold up to 2 GB of data.

MagneticOptical

Syquest

A removable hard disk drive that is connected tothe computer via a SCSI interface.

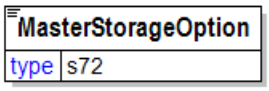
Zip

A high-capacity floppy disk drive.

Other

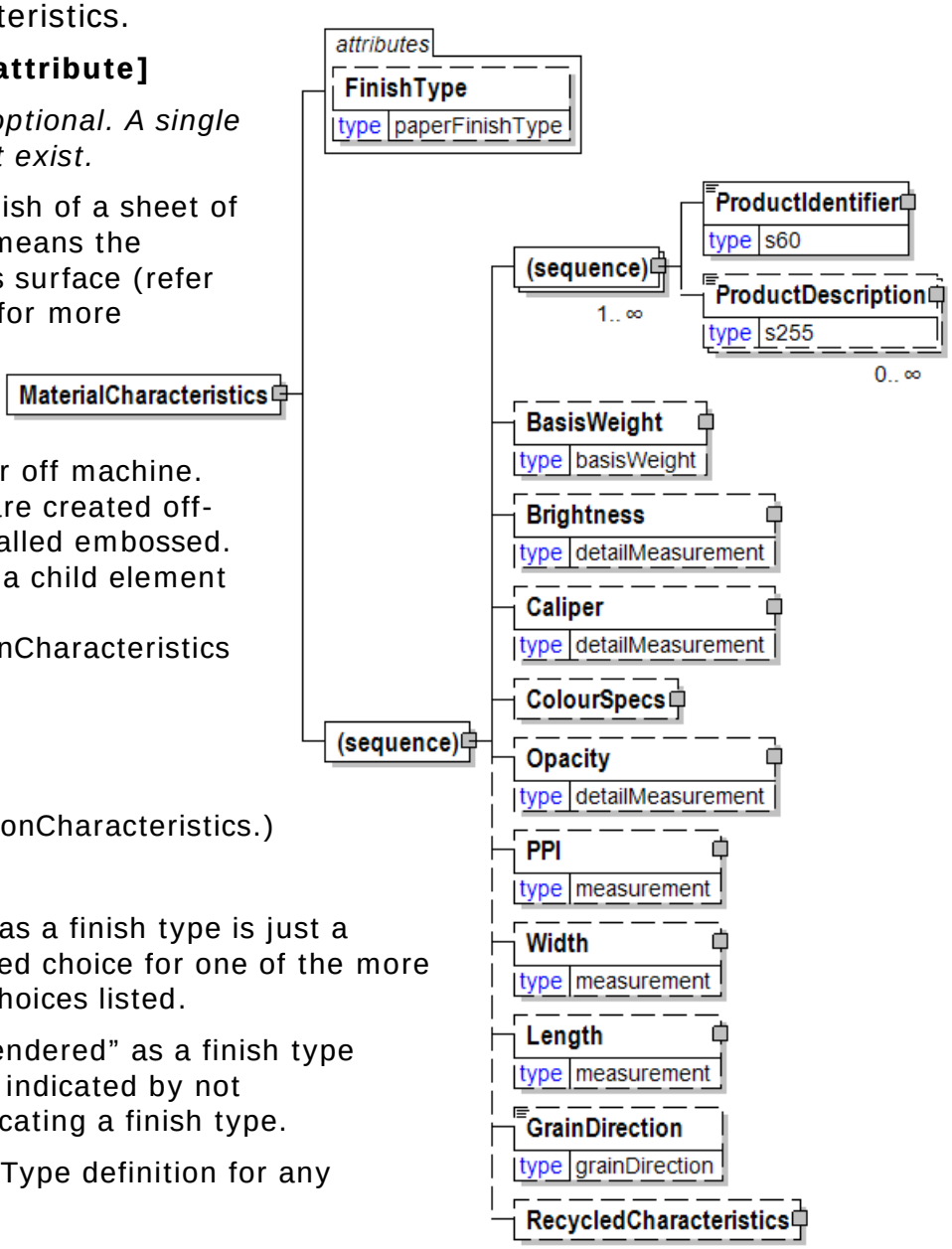
MasterStorageOption

Master storage option



MaterialCharacteristics

Material characteristics.



FinishType [attribute]

FinishType is optional. A single instance might exist.

Defines the finish of a sheet of paper, which means the condition of its surface (refer to Embossing for more information).

Finishes may be produced on or off machine. Finishes that are created off-machine are called embossed. (Embossing is a child element of ReelConversionCharacteristics and SheetConversionCharacteristics.)

Note:

Embossed" as a finish type is just a generalized choice for one of the more specific choices listed.

Unsupercalendered" as a finish type would be indicated by not communicating a finish type.

Refer to FinishType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

(sequence)

The sequence of items below is mandatory. One instance is required, multiple instances might exist.

ProductIdentifier

ProductIdentifier is mandatory. A single instance is required.

Used to communicate the code of the article, in a variety of formats designated

by the type.

ProductDescription

ProductDescription is optional. Multiple instances might exist.

An element used to communicate a human readable description of the product in the language specified by the Language attribute.

BasisWeight

BasisWeight is optional. A single instance might exist.

The weight of the paper expressed as a mass for a given surface area. In countries using the metric system, the basis weight is expressed as the weight in grams of one sheet of paper that is one square meter in area—not dependent on basic sheet size. In countries using the imperial system, the weight is expressed in pounds for a given ProductBasisSizeType.

Brightness

Brightness is optional. A single instance might exist.

A measurement of the degree of light reflectivity of the product.

Caliper

Caliper is optional. A single instance might exist.

The thickness of a sheet of paper under standard test conditions.

ColourSpecs

ColourSpecs is optional. A single instance might exist.

Colour specs

Opacity

Opacity is optional. A single instance might exist.

A group item used to communicate opacity target or test value according to a particular TestMethod.

PPI

PPI is optional. A single instance might exist.

A group item used to communicate the number of pages in an inch of thickness either as a target or actual value. Equal to the number of sheets per inch times 2.

Width

Width is optional. A single instance might exist.

The width of the object.

Length

Length is optional. A single instance might exist.

The length of the object.

GrainDirection

GrainDirection is optional. A single instance might exist.

Defines the primary orientation/alignment (Long or Short) of the cellulose fibres in a sheet or web of paper, which results from the flow of fibres in a water suspension during the papermaking process.

Refer to GrainDirection definition for any enumerations.

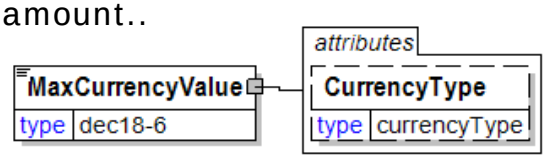
RecycledCharacteristics

RecycledCharacteristics is optional. A single instance might exist.

RecycledCharacteristics groups together the concepts associated with recycled material.

MaxCurrencyValue

The upper range of the allowed currency amount..



CurrencyType [attribute]

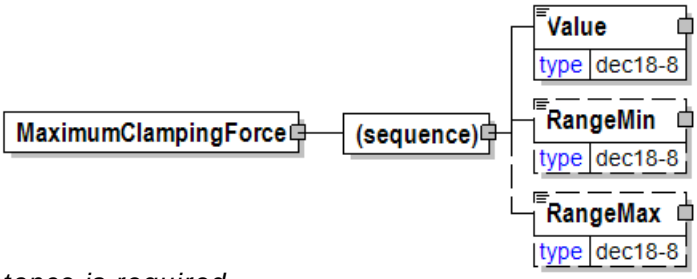
CurrencyType is optional. A single instance might exist.

A three-character ISO 4217 currency code in capital letters. The ISO standard classification for currencies.

Refer to CurrencyType definition for any enumerations.

MaximumClampingForce

Specifies maximum clamp force allowed during handling of an item.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

RangeMax

RangeMax is optional. A single instance might exist.

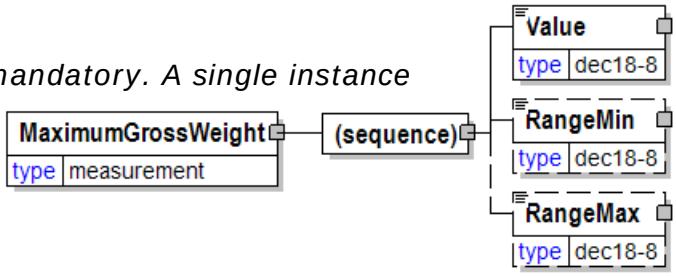
The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

MaximumGrossWeight

The maximum weight allowed including the pallet.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

RangeMax

RangeMax is optional. A single instance might exist.

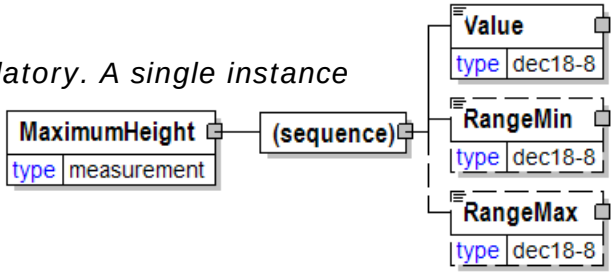
The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

MaximumHeight

The maximum height allowed including the pallet.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

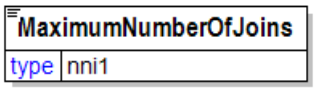
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

MaximumNumberOfJoins

The maximum number of joins requested (permitted). Permits customers to indicate join-free reels.

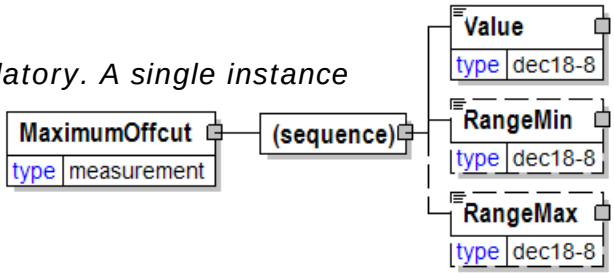


MaximumOffcut

Maximum off cut.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

RangeMax

RangeMax is optional. A single instance might exist.

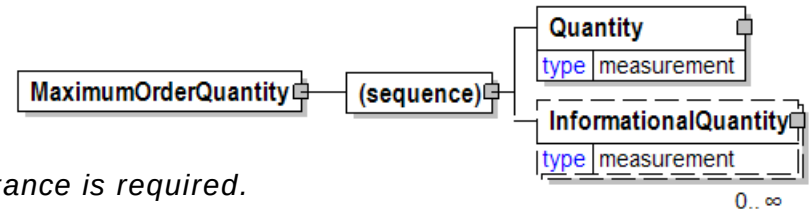
The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

MaximumOrderQuantity

The maximum amount that can be ordered at one time.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

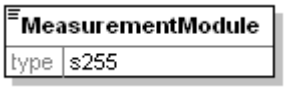
InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

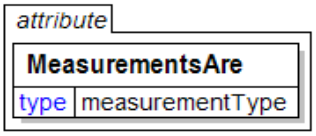
MeasurementModule

A text element describing the module used for measuring.



MeasurementsAre [attribute]

Used to define for a product whether the details provided are ranges and lists of properties, or whether they are discrete, single properties of the product.



This item is restricted to the following list.

Discreet

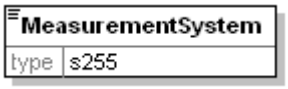
For a product, elements with measurements are observed or target values, and elements that allow a list of attributes for the product to be specified must have zero or one occurrence.

Range

For a product, elements with measurements specify a range, and elements that allow a list of attributes for the product to be specified may have zero or more occurrences.

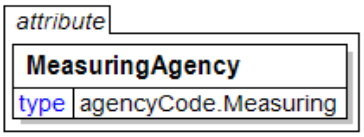
MeasurementSystem

A text element describing the system used for measuring.



MeasuringAgency [attribute]

The agency defining measuring methods.



This item is restricted to the following list.

ASTM

ASTM International, known until 2001 as the American Society for Testing and Materials (ASTM), is an international standards organization that develops and publishes voluntary consensus technical standards for a wide range of materials, products, systems, and services. For example Winter Class diesel has to fulfil ASTM standards. (http://www.astm.org)

Buyer

The buyer has defined the codes used in the particular element of the transaction. Care must be used when using this agency to assure that the recipient of the e-Document understands what is being communicated.

RVR

Agency maintaining codes for the German wood supply segment.

RVR is the abbreviation for "**R**ahmen**V**ereinbarung für den **R**ohholzhandel in Deutschland".
(www.rvr-deutschland.de).

CEN

European Committee for Standardisation (http://www.cen.eu)

SD

Agency maintaining codes for the Norwegian wood supply segment (www.skogdata.no).

SDC

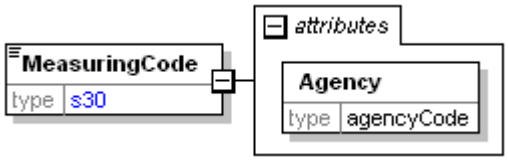
Agency maintaining codes for the Swedish wood supply segment (www.sdc.se).

Supplier

The supplier has defined the codes used in the particular element of the transaction. Care must be used when using this agency to assure that the recipient of the e-Document understands what is being communicated.

MeasuringCode

A code defining the measuring procedure.



Agency [attribute]

Agency is mandatory. A single instance is required.

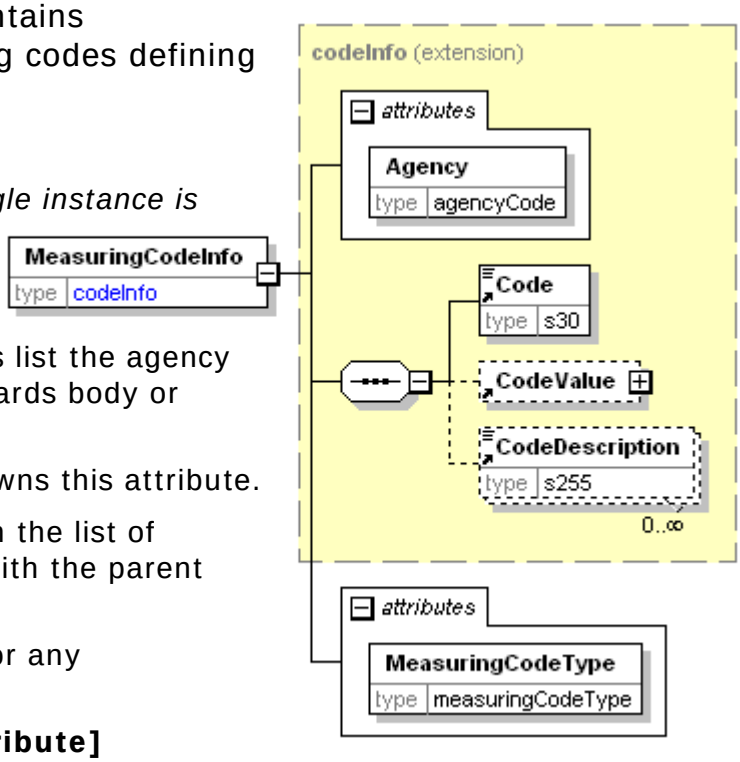
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

MeasuringCodeInfo

A grouping element that contains information about measuring codes defining the measuring procedure.



Agency [attribute]

Agency is mandatory. A single instance is required.

Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

MeasuringCodeType [attribute]

MeasuringCodeType is mandatory. A single instance is required.

Specifies the type of the measuring code.

Refer to MeasuringCodeType definition for any enumerations

(sequence)

The sequence of items below is mandatory. A single instance is required.

Code

Code is mandatory. A single instance is required.

Specifies a code that is defined by an agency. The agency is given for the whole construct containing the code.

CodeValue

CodeValue is optional. A single instance might exist.

A grouping element specifying a value belonging to a code that is defined by an agency.

CodeDescription

CodeDescription is optional. Multiple instances might exist.

A textual description for the meaning of a code that is defined by an agency.

MeasuringCodeType [attribute]

Specifies the type of the measuring code.

This item is restricted to the following list.



MeasuringLocationType

The code specifies the type of location where

measuring takes place.

MeasuringMethodService

The code specifies methods and services for the measuring.

MeasuringPurpose

The code specifies the measuring purpose.

MeasuringRegulation

The code specifies a measuring regulation.

MeasuringReportType

The code specifies a type of a measuring report.

MeasuringScope

The code specifies the scope of the measuring.

Other

The type of the code is not specified.

MeasuringComplete [attribute]

Indicates that measuring is completed for a particular item.



This item is restricted to the following list.

ByOrderLineItemNumber

Specifies that measuring is completed for an order line item of an order number.

ByOrderNumber

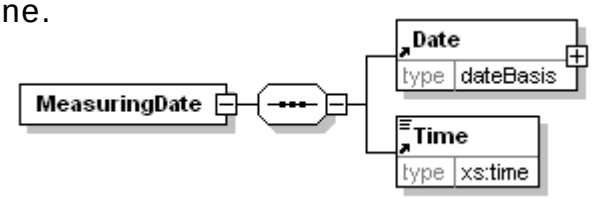
Specifies that measuring is completed for all order line items of an order number.

NotComplete

Specifies that measuring is not completed.

MeasuringDate

The date when the measuring was done.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

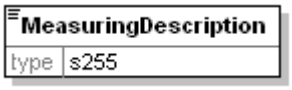
Time is mandatory. A single instance is required.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

MeasuringDescription

A text element describing the measuring procedure.

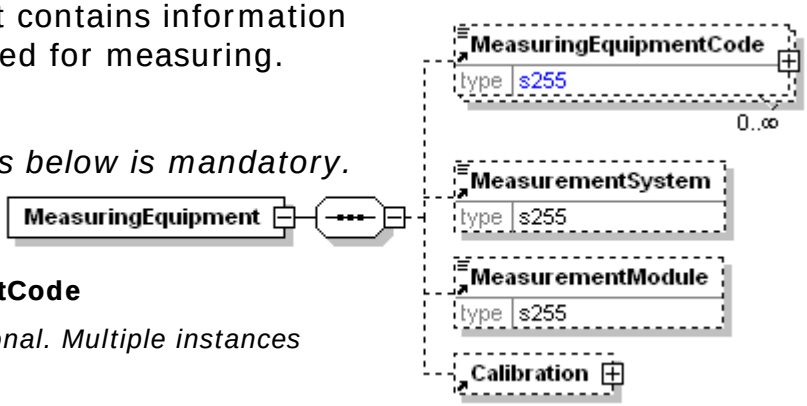


MeasuringEquipment

A grouping element that contains information about the equipment used for measuring.

(sequence)

The sequence of items below is mandatory. A single instance is required.



MeasuringEquipmentCode

MeasuringCode is optional. Multiple instances might exist.

A code used for identifying the measuring equipment.

MeasurementSystem

MeasurementSystem is optional. A single instance might exist.

A text element describing the system used for measuring.

MeasurementModule

MeasurementModule is optional. A single instance might exist.

A text element describing the module used for measuring.

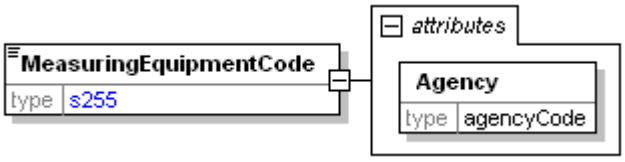
Calibration

Calibration is optional. A single instance might exist.

A grouping element that contains information about calibration of the measuring equipment.

MeasuringEquipmentCode

A code used for identifying the measuring equipment.



Agency [attribute]

Agency is mandatory. A single instance is required.

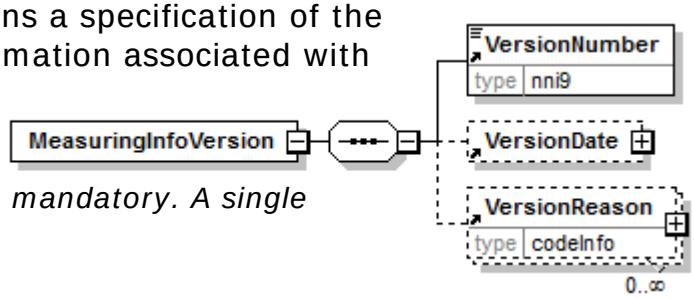
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

MeasuringInfoVersion

A grouping element that contains a specification of the version for the measuring information associated with a measurement.



(sequence)

The sequence of items below is mandatory. A single instance is required.

VersionNumber

VersionNumber is mandatory. A single instance is required.

A unique number identifying the version of an item.

VersionDate

VersionDate is optional. A single instance might exist.

The Date and Time when the version of an item was issued.

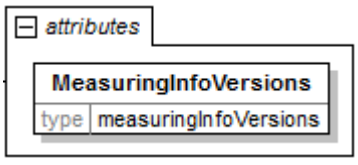
VersionReason

VersionReason is optional. Multiple instances might exist.

A grouping element that specifies the reason for a version of an item.

MeasuringInfoVersions [attribute]

Specifies the principle for how versions of measuring information are communicated for given measuring numbers. Default value is Single.



This item is restricted to the following list

Multiple

Multiple versions of measuring information might exist for a given measuring number.

Single

Only one version of measuring information exists for a given measuring number, normally the latest version.

MeasuringInfoInvoicingType [attribute]



Specifies the type of measuring information that is supplied for invoicing. Depending on the invoicing process can the entire measuring information or just the difference to a previous invoiced versions of measuring information be invoiced. A previous invoiced version of measuring information has to be credited when the entire measuring information is invoiced for a new version. A positive amount is debit and a negative amount is credit.

This item is restricted to the following list

Difference

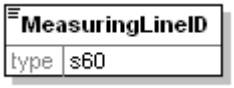
Measuring information is specified as the difference to the latest already invoiced version or to the previous specified version in the MeasuringTicket e-Document.

Entire

Measuring information is specified as the entire measured information.

MeasuringLineID

The unique identifier for the measuring line at a measuring location.

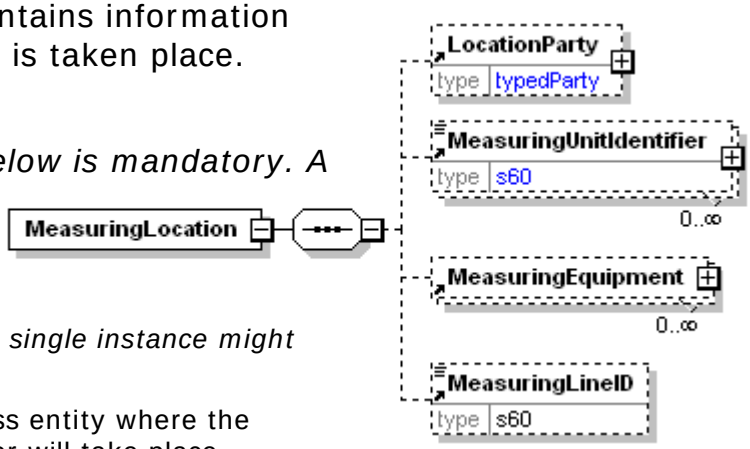


MeasuringLocation

A grouping element that contains information about where the measuring is taken place.

(sequence)

The sequence of items below is mandatory. A single instance is required.



LocationParty

LocationParty is optional. A single instance might exist.

The organization or business entity where the business event took place or will take place.

MeasuringUnitIdentifier

MeasuringUnitIdentifier is optional. Multiple instances might exist.

The identifier of a measuring unit, e.g. the identifier of a Forest Harvester. The type of identifier is indicated by the attribute MeasuringUnitIdentifierType

MeasuringEquipment

MeasuringEquipment is optional. Multiple instances might exist.

A grouping element that contains information about the equipment used for measuring.

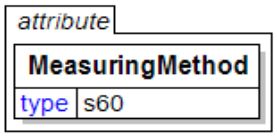
MeasuringLineID

MeasuringLineID is optional. A single instance might exist.

The unique identifier for the measuring line at a measuring location.

MeasuringMethod [attribute]

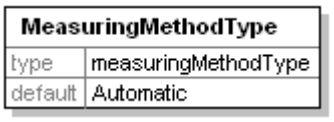
The method used to determine how the item under consideration is measured.Measuring methods are defined by the measuring agency.



MeasuringMethodType [attribute]

Specifies how a measurement value is created.

This item is restricted to the following list.



Automatic

The value is created by a closed automatic measurement system.

Calculated

The value is calculated based on information from different sources.

Classified

The value is created by applying rules for classification based on a number of properties.

ConvertedUOM

The value is created by converting a value from a unit of measure into another unit of measure.

Manual

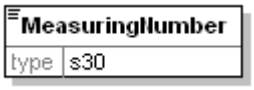
The value is created by manual measurement or calculated based on only manual measurements.

VisualEstimated

The value is created by visual estimation.

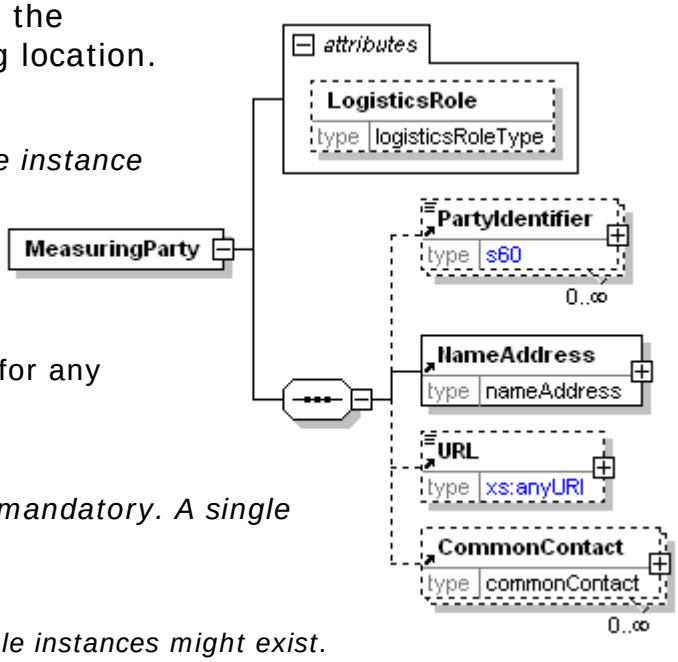
MeasuringNumber

A unique identifier for the measuring event.



MeasuringParty

The party that is responsible for the measurements at the measuring location.



LogisticsRole [attribute]

LogisticsRole is optional. A single instance might exist.

Communicates the nature of the logistics role, if any, the party plays in the transaction.

Refer to LogisticsRole definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PartyIdentifier

PartyIdentifier is optional. Multiple instances might exist.

A unique identifier of a specific party. This element contains an attribute PartyIdentifierType that indicates the type of party.

NameAddress

NameAddress is mandatory. A single instance is required.

A group item containing name and address of an organisation or business entity.

URL

URL is optional. A single instance might exist.

Universal Resource Locator. While typically a web address you could use this field to hold an email address.

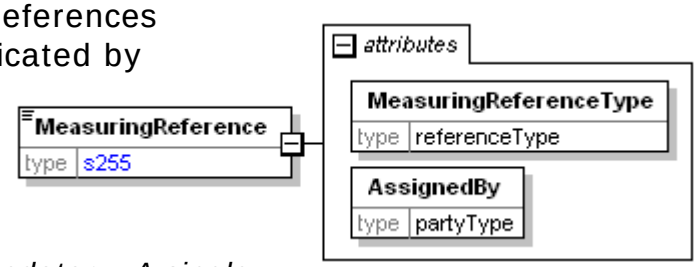
CommonContact

CommonContact is optional. Multiple instances might exist.

Identifies a specific individual associated with the party.

MeasuringReference

An element detailing relevant references pertaining to measuring as indicated by MeasuringReferenceType and AssignedBy.



MeasuringReferenceType [attribute]

MeasuringReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be

announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to MeasuringReferenceType definition for any enumerations.

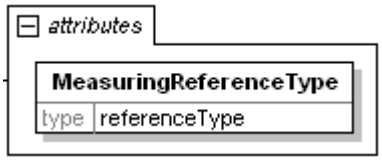
AssignedBy [attribute]

AssignedBy is mandatory. A single instance is required.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

MeasuringReferenceType [attribute]

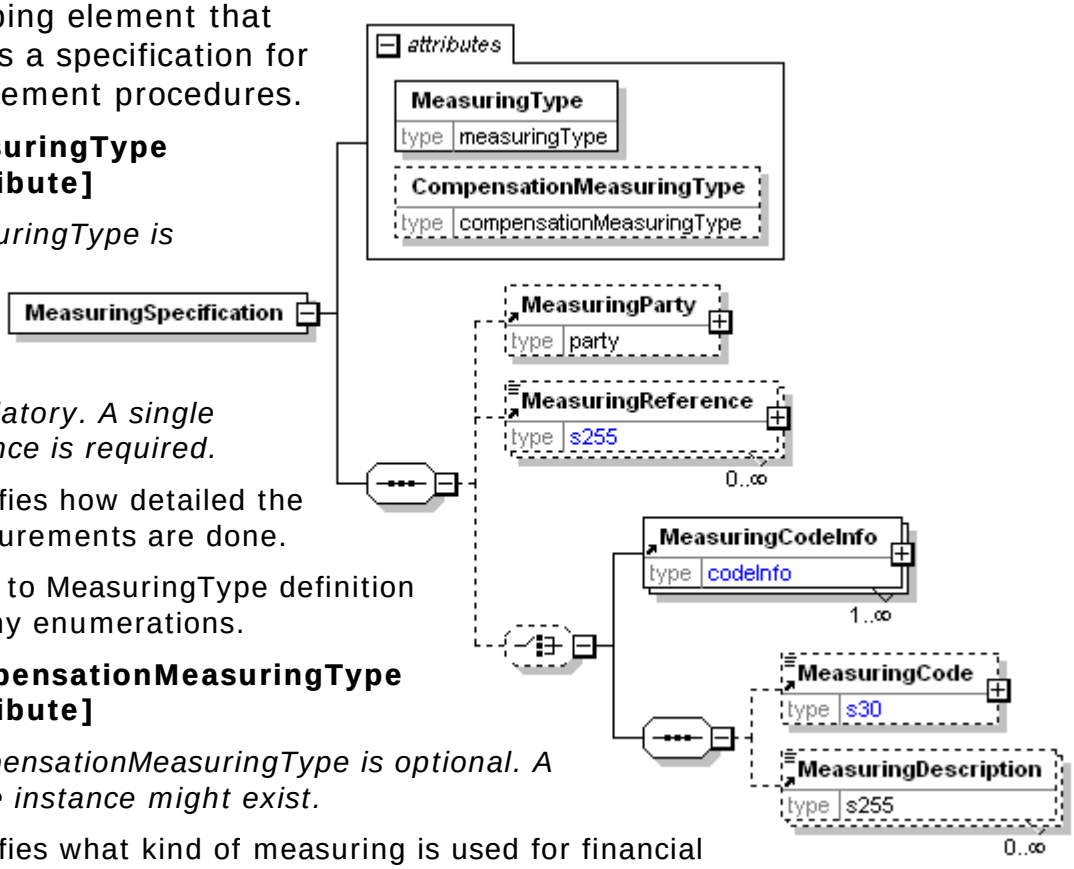


Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, Warehouse” or Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

MeasuringSpecification

A grouping element that contains a specification for measurement procedures.



MeasuringType [attribute]

MeasuringType is mandatory. A single instance is required.

Specifies how detailed the measurements are done.

Refer to MeasuringType definition for any enumerations.

CompensationMeasuringType [attribute]

CompensationMeasuringType is optional. A single instance might exist.

Specifies what kind of measuring is used for financial compensation.

Refer to CompensationMeasuringType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

MeasuringParty

MeasuringParty is optional. A single instance might exist.

The party that is responsible for the measurements at the measuring location.

MeasuringReference

MeasuringReference is optional. Multiple instances might exist.

An element detailing relevant references pertaining to measuring as indicated by MeasuringReferenceType and AssignedBy.

(choice)

[choice] is optional. A single instance might exist.

MeasuringCodeInfo

MeasuringCodeInfo is mandatory. One instance is required, multiple instanses might exist.

A grouping element that contains information about measuring codes defining the measuring procedure.

(sequence)

The sequence of items below is mandatory. A single instance is required.

MeasuringCode

MeasuringCode is optional. A single instance might exist.

A code defining the measuring procedure.

MeasuringDescription

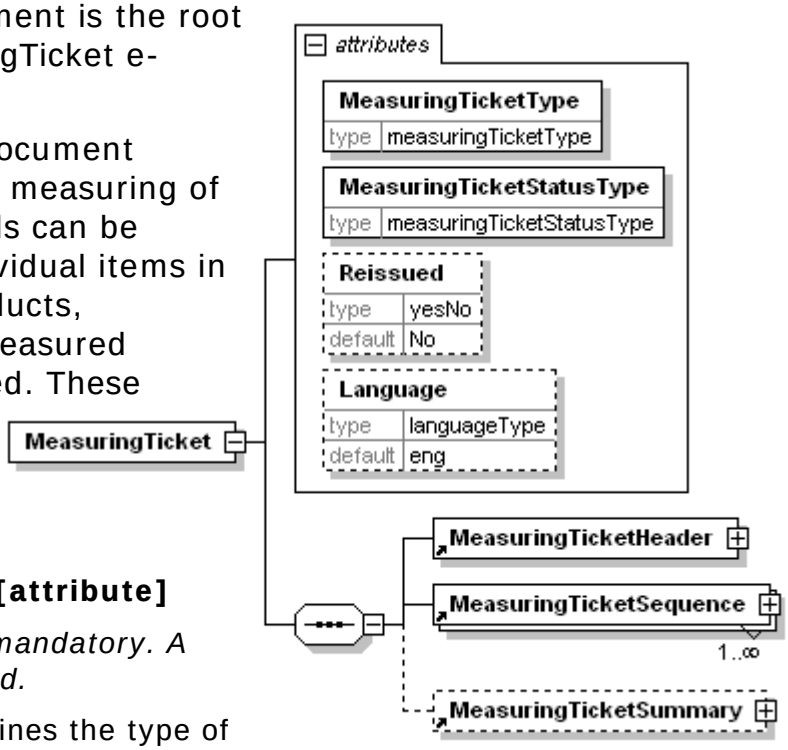
MeasuringDescription is optional. Multiple instances might exist.

A text element describing the measuring procedure.

MeasuringTicket

The MeasuringTicket element is the root element for the MeasuringTicket e-Document.

The MeasuringTicket e-Document specifies the details from measuring of items. Packages and loads can be measured as well as individual items in packages and loads. Products, Quantities and various measured properties can be reported. These measurements can be used as a base for calculation of billable products.



MeasuringTicketType [attribute]

MeasuringTicketType is mandatory. A single instance is required.

MeasuringTicketType defines the type of MeasuringTicket.

Refer to MeasuringTicketType definition for any enumerations.

MeasuringTicketStatusType [attribute]

MeasuringTicketStatusType is mandatory. A single instance is required.

Identifies the status of the entire MeasuringTicket e-Document.

Refer to MeasuringTicketStatusType definition for any enumerations.

Reissued [attribute]

Reissued is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Reissued definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

MeasuringTicketHeader

MeasuringTicketHeader is mandatory. A single instance is required.

The MeasuringTicketHeader contains information common to the entire MeasuringTicket e-Document.

MeasuringTicketSequence

MeasuringTicketSequence is mandatory. One instance is required, multiple instances might exist.

A grouping element that contains information for a measuring event, e.g. a truck load.

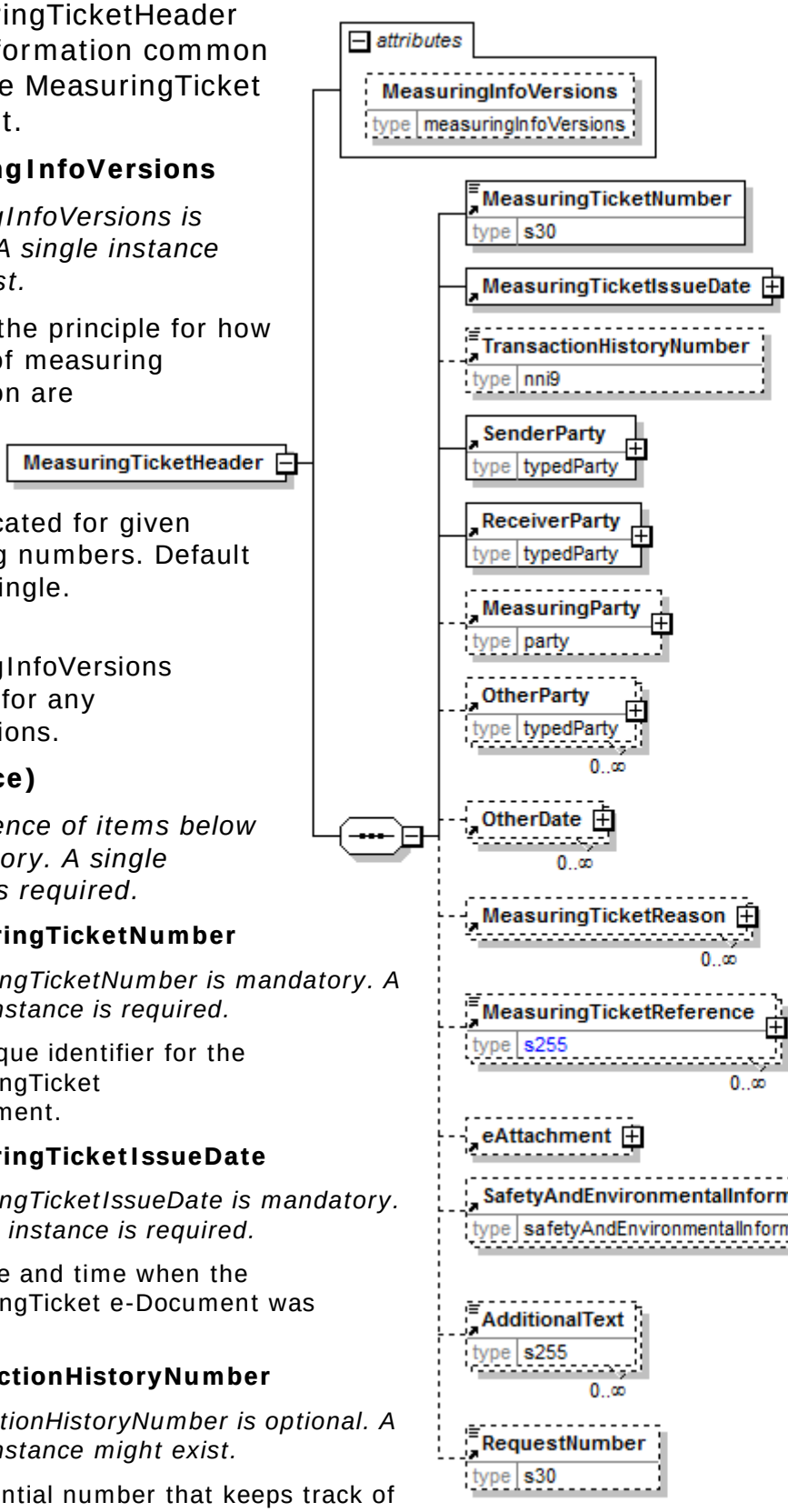
MeasuringTicketSummary

MeasuringTicketSummary is optional. A single instance might exist.

A grouping element that contains summary information that applies to the entire MeasuringTicket e-Document.

MeasuringTicketHeader

The MeasuringTicketHeader contains information common to the entire MeasuringTicket e-Document.



MeasuringInfoVersions

MeasuringInfoVersions is optional. A single instance might exist.

Specifies the principle for how versions of measuring information are communicated for given measuring numbers. Default value is Single.

Refer to MeasuringInfoVersions definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

MeasuringTicketNumber

MeasuringTicketNumber is mandatory. A single instance is required.

The unique identifier for the MeasuringTicket e-Document.

MeasuringTicketIssueDate

MeasuringTicketIssueDate is mandatory. A single instance is required.

The date and time when the MeasuringTicket e-Document was issued.

TransactionHistoryNumber

TransactionHistoryNumber is optional. A single instance might exist.

A sequential number that keeps track of the version of a document being sent by the document originator except in the case where TransactionHistoryConfirmation is used, in which case the TransactionHistoryNumber refers to the trigger transaction for which the confirmation is being sent.

SenderParty

SenderParty is mandatory. A single instance is required.

The business entity issuing the e-Document, the source of the document.

- The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is mandatory. One instance is required, multiple instances might exist.

The business entity for whom the e-Document is intended, the destination of the document.

- The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

MeasuringParty

MeasuringParty is optional. A single instance might exist.

The party that is responsible for the measurements at the measuring location.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

OtherDate

OtherDate is optional. Multiple instances might exist.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

MeasuringTicketReason

MeasuringTicketReason is optional. Multiple instances might exist.

A group item containing the reason for issuing the MeasuringTicket e-Document, e.g. why it is replaced.

MeasuringTicketReference

MeasuringTicketReference is optional. Multiple instances might exist.

An element detailing relevant references pertaining to the MeasuringTicket as indicated by MeasuringTicketReferenceType and AssignedBy.

eAttachment

eAttachment is optional. A single instance might exist.

eAttachment enables the sender to provide information about attachments to the document.

- Note: An element "e-Attachment" also exists. papiNet will no longer use hyphens in our element and attribute names as this causes issues with BizTalk.

SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the

percentage of the product is certified (for example, 75% is certified by the indicated agency).

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

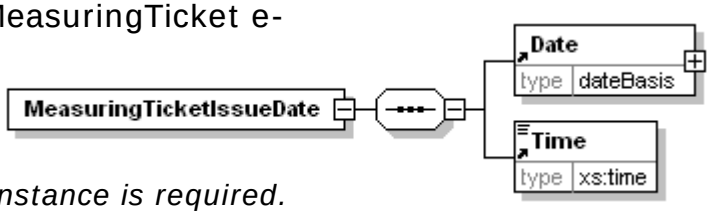
RequestNumber

RequestNumber is optional. A single instance might exist.

A unique tracking number specifically identifying the InfoRequest e-Document to the originator. The tracking number is returned with the "information", the answer, to help match the answer to the request.

MeasuringTicketIssueDate

The date and time when the MeasuringTicket e-Document was issued.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

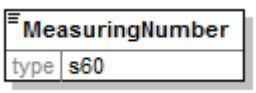
Time is mandatory. A single instance is required.

Times are treated in a standard XML fashion with a special case used to indicate a generalized "local" time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use "Z" when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

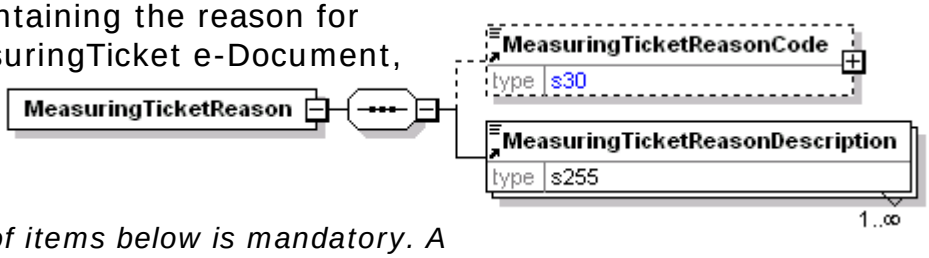
MeasuringTicketNumber

The unique identifier for the MeasuringTicket e-Document.



MeasuringTicketReason

A group item containing the reason for issuing the MeasuringTicket e-Document, e.g. why it is replaced.



(sequence)

The sequence of items below is mandatory. A single instance is required.

MeasuringTicketReasonCode

MeasuringTicketReasonCode is optional. A single instance might exist.

A code specifying the reason for issuing the MeasuringTicket e-Document.

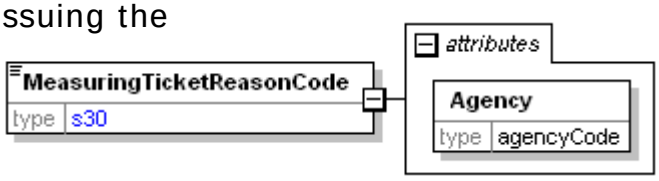
MeasuringTicketReasonDescription

MeasuringTicketReasonDescription is mandatory. One instance is required, multiple instances might exist.

A text describing the reason for issuing the MeasuringTicket e-Document.

MeasuringTicketReasonCode

A code specifying the reason for issuing the MeasuringTicket e-Document.



Agency [attribute]

Agency is mandatory. A single instance is required.

Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

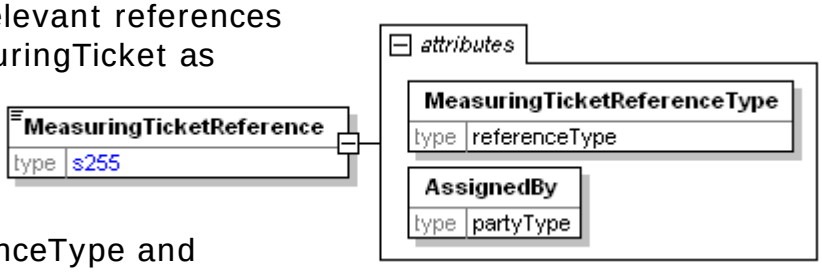
MeasuringTicketReasonDescription

A text describing the reason for issuing the MeasuringTicket e-Document.



MeasuringTicketReference

An element detailing relevant references pertaining to the MeasuringTicket as indicated by



MeasuringTicketReferenceType and AssignedBy.

MeasuringTicketReferenceType [attribute]

MeasuringTicketReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to MeasuringTicketReferenceType definition for any enumerations.

AssignedBy [attribute]

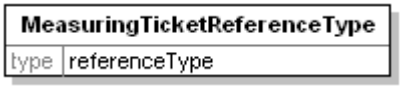
AssignedBy is mandatory. A single instance is required.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

MeasuringTicketReferenceType [attribute]

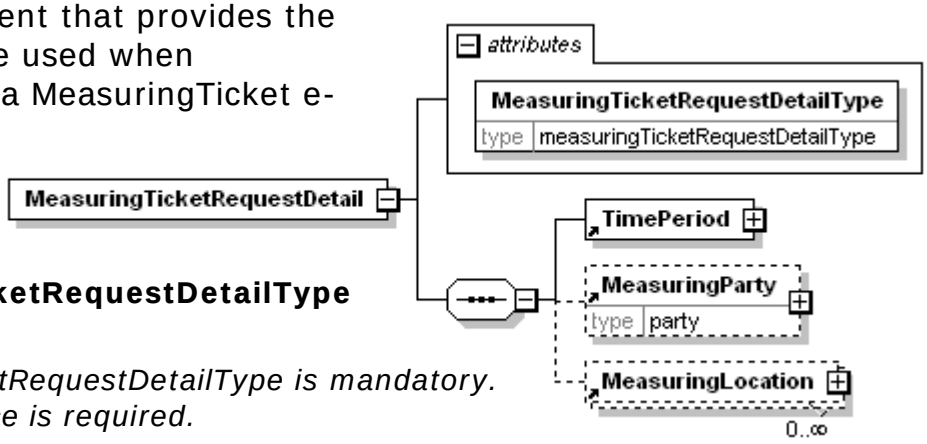
Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, Warehouse” or Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute AssignedBy will communicate the information previously communicated in the prefix.



Refer to the referenceType entry for the list of enumerations and their definitions.

MeasuringTicketRequestDetail

A grouping element that provides the parameters to be used when responding with a MeasuringTicket e-Document.



MeasuringTicketRequestDetailType [attribute]

MeasuringTicketRequestDetailType is mandatory. A single instance is required.

Communicates the method in which the MeasuringTicket should be reported.

Refer to MeasuringTicketRequestDetailType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

TimePeriod

TimePeriod is mandatory. A single instance is required.

The TimePeriod element is used to communicate a duration period of time as indicated in PeriodType.

MeasuringParty

MeasuringParty is optional. A single instance might exist.

The party that is responsible for the measurements at the measuring location.

MeasuringLocation

MeasuringLocation is optional. Multiple instances might exist.

A grouping element that contains information about where the measuring is taken place.

MeasuringTicketRequestDetailType [attribute]

Communicates the method in which the MeasuringTicket should be reported.



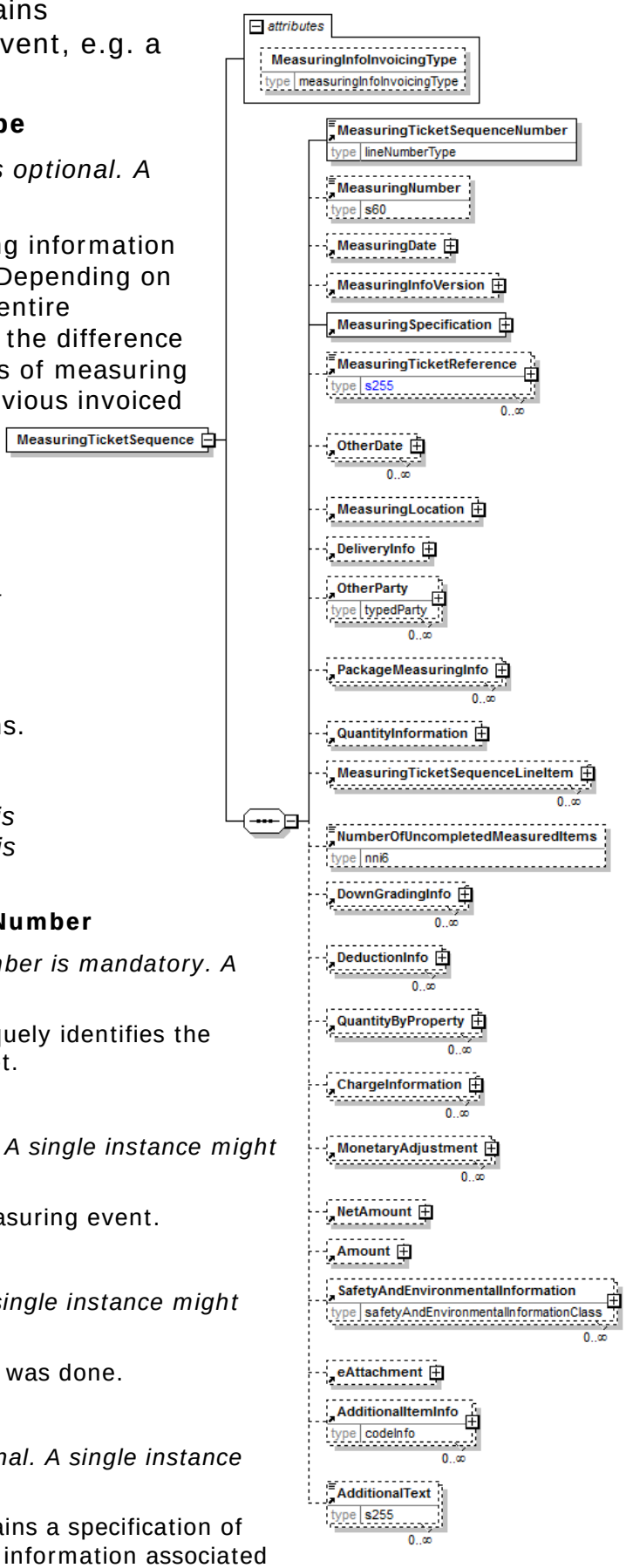
This item is restricted to the following list.

CalibrationCheckLog

Request for a Calibration Check Log.

MeasuringTicketSequence

A grouping element that contains information for a measuring event, e.g. a truck load.



MeasuringInfoInvoicingType

MeasuringInfoInvoicingType is optional. A single instance might exist.

Specifies the type of measuring information that is supplied for invoicing. Depending on the invoicing process can the entire measuring information or just the difference to a previous invoiced versions of measuring information be invoiced. A previous invoiced version of measuring information has to be credited when the entire measuring information is invoiced for a new version. A positive amount is debit and a negative amount is credit.

Refer to MeasuringInfoInvoicingType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

MeasuringTicketSequenceNumber

MeasuringTicketSequenceNumber is mandatory. A single instance is required.

A sequential number that uniquely identifies the Sequence of a MeasuringTicket.

MeasuringNumber

MeasuringNumber is optional. A single instance might exist.

A unique identifier for the measuring event.

MeasuringDate

MeasuringDate is optional. A single instance might exist.

The date when the measuring was done.

MeasuringInfoVersion

MeasuringInfoVersion is optional. A single instance might exist.

A grouping element that contains a specification of the version for the measuring information associated with a measurement.

MeasuringSpecification

MeasuringSpecification is mandatory. A single instance is required.

A grouping element that contains a specification for measurement procedures.

MeasuringTicketReference

MeasuringTicketReference is optional. Multiple instances might exist.

An element detailing relevant references pertaining to the MeasuringTicket as indicated by MeasuringTicketReferenceType and AssignedBy.

OtherDate

OtherDate is optional. Multiple instances might exist.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

MeasuringLocation

MeasuringLocation is optional. A single instance might exist.

A grouping element that contains information about where the measuring is taken place.

DeliveryInfo

DeliveryInfo is optional. A single instance might exist.

Information about the delivery.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

PackageMeasuringInfo

PackageMeasuringInfo is optional. Multiple instances might exist.

A grouping element that contains information about a measured package or a measured load when the load is treated as one package.

QuantityInformation

QuantityInformation is optional. A single instance might exist.

A group item containing information about quantity and informational quantity of similar items.

MeasuringTicketSequenceLineItem

MeasuringTicketSequenceLineItem is optional. Multiple instances might exist.

A grouping element identifying a line item included within the MeasuringTicket Sequence.

NumberOfUnCompletedMeasuredItems

NumberOfUnCompletedMeasuredItems is optional. A single instance might exist.

Specifies the number of items that are uncompleted measured, i.e. some measurement values are missing for these items.

DownGradingInfo

DownGradingInfo is optional. Multiple instances might exist.

A grouping element that contains information about downgrading of products.

DeductionInfo

DeductionInfo is optional. Multiple instances might exist.

A grouping element that contains information about deductions of quantities.

QuantityByProperty

QuantityByProperty is optional. Multiple instances might exist.

A grouping element that contains specification of quantities per property value.

ChargeInformation

ChargeInformation is optional. Multiple instances might exist.

A group element that contains elements that describe a charge. ChargeInformation is used when charge details need to be specified by using a code assigned by an agency. It is typically used for freight costs and other costs related to the supply chain.

MonetaryAdjustment

MonetaryAdjustment is optional. Multiple instances might exist.

The element containing the information necessary for the understanding, calculation, and treatment of an adjustment to a currency amount. MonetaryAdjustment contains an attribute that indicates they type of adjustment being communicated.

NetAmount

NetAmount is optional. A single instance might exist.

An element that contains the net amount excluding tax. NetAmount encapsulates CurrencyValue.

Amount

Amount is optional. A single instance might exist.

An element that contains the amount including tax. The Amount encapsulates CurrencyValue.

SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency).

eAttachment

eAttachment is optional. A single instance might exist.

eAttachment enables the sender to provide information about attachments to the document.

- Note: An element "e-Attachment" also exists. papiNet will no longer use hyphens in our element and attribute names as this causes issues with BizTalk.

AdditionalItemInfo

AdditionalItemInfo is optional. Multiple instances might exist.

A grouping element that contains information about additional items specified by an agency. Restricted use of this element is recommended.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for

special instructions. To be used only for circumstances not covered by specific elements.

MeasuringTicketSequenceLineItem

A grouping element identifying a line item included within the MeasuringTicket Sequence.

MeasuringComplete [attribute]

MeasuringComplete is optional. A single instance might exist.

Indicates that measuring is completed for a particular item.

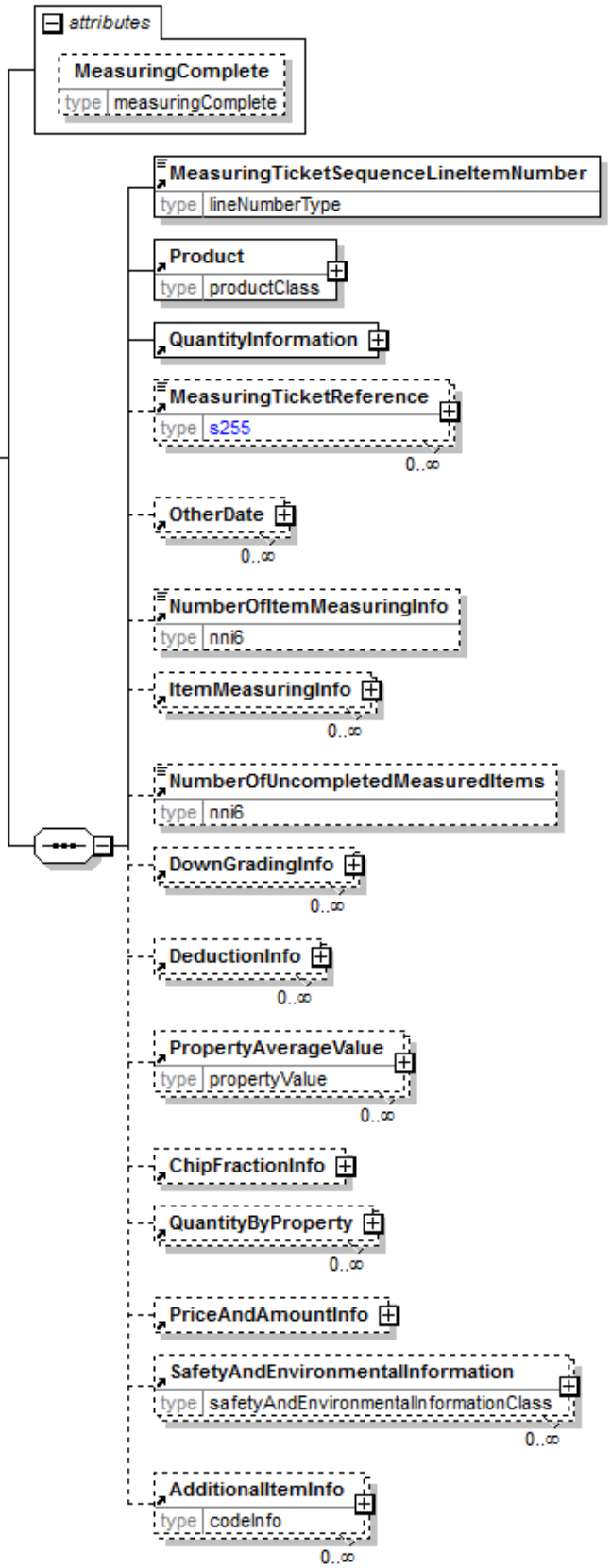
Refer to MeasuringComplete definition for any



enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.



MeasuringTicketSequenceLineItemNumber

MeasuringTicketSequenceLineItemNumber is mandatory. A single instance is required.

A sequential number that uniquely identifies the line item of the MeasuringTicket Sequence.

Product

Product is optional. A single instance might exist.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

QuantityInformation

QuantityInformation is mandatory. A single instance is required.

A group item containing information about quantity and informational quantity of similar items.

MeasuringTicketReference

MeasuringTicketReference is optional. Multiple instances might exist.

An element detailing relevant references pertaining to the MeasuringTicket as indicated by MeasuringTicketReferenceType and AssignedBy.

OtherDate

OtherDate is optional. Multiple instances might exist.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

NumberOfItemMeasuringInfo

NumberOfItemMeasuringInfo is optional. A single instance might exist.

Number of reported items by ItemMeasuringInfo.

ItemMeasuringInfo

ItemMeasuringInfo is optional. Multiple instances might exist.

A grouping element that contains information about measured items.

NumberOfUnCompletedMeasuredItems

NumberOfUnCompletedMeasuredItems is optional. A single instance might exist.

Specifies the number of items that are uncompleted measured, i.e. some measurement values are missing for these items.

DownGradingInfo

DownGradingInfo is optional. Multiple instances might exist.

A grouping element that contains information about downgrading of products.

DeductionInfo

DeductionInfo is optional. Multiple instances might exist.

A grouping element that contains information about deductions of quantities.

PropertyAverageValue

PropertyAverageValue is optional. Multiple instances might exist.

Specifies an average value for a property for a number of items. The property is defined by the attribute PropertyType. The attribute MeasuringMethod and MeasuringAgency can be used to clarify details for a how a property is measured or calculated, e.g. Diameter for a saw log can be measured “Under Bark” or “Over Bark”. The attribute MeasuringMethodType defines how the value is created, e.g. measured automatically, calculated etc.

ChipFractionInfo

ChipFractionInfo is optional. A single instance might exist.

Grouping element that contains information about analysis of chip fractions.

QuantityByProperty

QuantityByProperty is optional. Multiple instances might exist.

A grouping element that contains specification of quantities per property value.

PriceAndAmountInfo

PriceAndAmountInfo is optional. A single instance might exist.

A grouping element that contains information about price and amounts.

SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency).

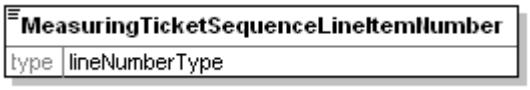
AdditionalItemInfo

AdditionalItemInfo is optional. Multiple instances might exist.

A grouping element that contains information about additional items specified by an agency. Restricted use of this element is recommended.

MeasuringTicketSequenceLineItemNumber

A sequential number that uniquely identifies the line item of the MeasuringTicket Sequence.



MeasuringTicketSequenceNumber

A sequential number that uniquely identifies the Sequence of a MeasuringTicket.



MeasuringTicketStatusType [attribute]

Identifies the status of the entire MeasuringTicket e-Document.



This item is restricted to the following list.

Cancelled

The supplied information has been cancelled. Items that have been cancelled

are not included in totals on the summary levels of the e-Document.

Original

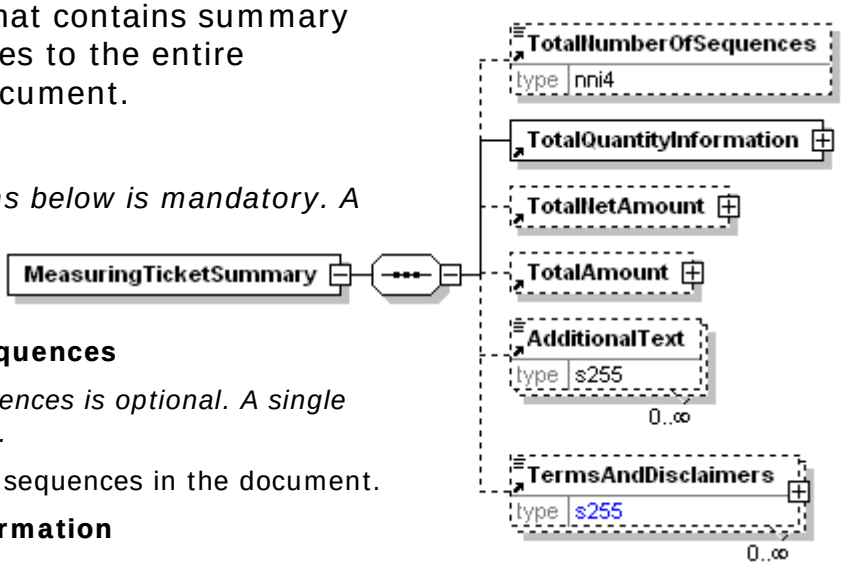
The supplied information is the first version of that information.

Replaced

The supplied information is replacing earlier supplied information. The receiver should revalidate the information in their system based upon the entire information received.

MeasuringTicketSummary

A grouping element that contains summary information that applies to the entire MeasuringTicket e-Document.



(sequence)

The sequence of items below is mandatory. A single instance is required.

TotalNumberOfSequences

TotalNumberOfSequences is optional. A single instance might exist.

The total number of sequences in the document.

TotalQuantityInformation

TotalQuantityInformation is mandatory. A single instance is required.

A group item containing information about the total quantity and total informational quantity of similar items in the document.

TotalNetAmount

TotalNetAmount is optional. A single instance might exist.

A field containing total amount excluding tax. For example, in the Invoice TotalNetAmount is equal to the sum of LineItemSubTotal plus TotalAdjustments. TotalNetAmount encapsulates CurrencyValue.

TotalAmount

TotalAmount is optional. A single instance might exist.

The total amount including tax (when tax is specified in the e-Document).

In e-Documents claiming payment this is the amount due for payment based on the terms of payment. Decimal rounding might be applied to this amount.

AdditionalText

AdditionalTexts is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

TermsAndDisclaimers

TermsAndDisclaimers is optional. Multiple instances might exist.

An element that contains legal information with an indication of what the Language is.

MeasuringTicketType [attribute]

MeasuringTicketType defines the type of MeasuringTicket.



This item is restricted to the following list.

ArrivalTicket

A MeasuringTicketType that contains information about rough measurements done upon arrival of a transport vehicle to a measuring location. For example used for updating physical location of the load and calculating compensation to the carrier.

CalibrationCheckLog

A MeasuringTicketType that contains a check log with information about calibration of measuring equipment.

InvoiceSpecification

A MeasuringTicketType that contains information about measured products including prices and amounts. This MeasuringTicketType is normally used as a detailed specification of billable or invoiced products.

MeasuringTicket

A MeasuringTicketType that contains detailed information about measured products and items. This information can be used as a base for calculation of billable products.

ProductionTicket

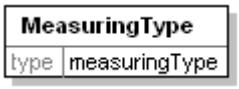
A MeasuringTicketType that contains information about produced products and items. A ProductionTicket can also contain measuring information for produced items.

SampleMeasuringTicket

A MeasuringTicketType that contains detailed information about measured samples taken from e.g. a delivery.

MeasuringType [attribute]

Specifies how detailed the measurements are done.



This item is restricted to the following list.

ByItem

Each item is measured separately, e.g. logs on a truck load.

ByLoad

The whole load is measured as one unit, e.g. a load carried by several transport units is measured as one unit.

ByPackage

Each package is measured separately, e.g. packages on a truck load or a roadside logpile.

ByPackageAndItem

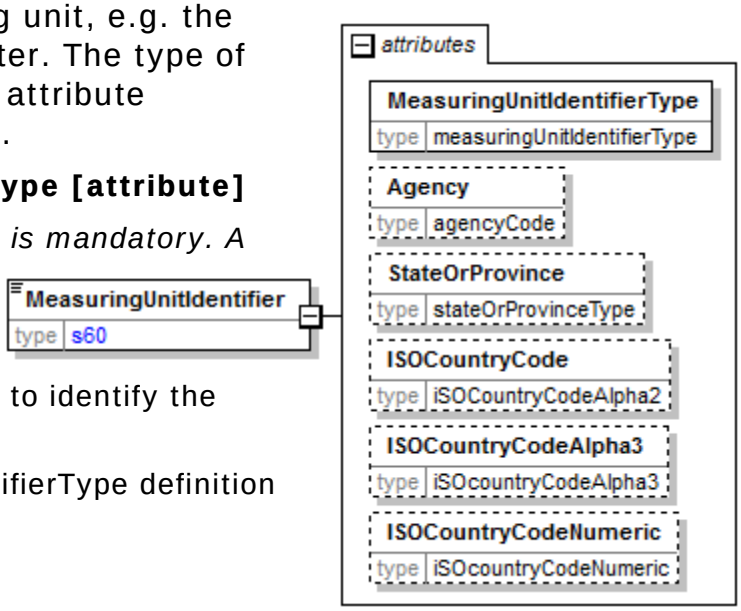
Measurements are carried on both packages and items. A package can in some cases be virtual, e.g. a log composed of several virtual log segments can be regarded as a virtual package for the log segments.

ByTransportUnit

The load on each transport unit is measured as one unit, e.g. loads on railcars.

MeasuringUnitIdentifier

The identifier of a measuring unit, e.g. the identifier of a Forest Harvester. The type of identifier is indicated by the attribute MeasuringUnitIdentifierType.



MeasuringUnitIdentifierType [attribute]

MeasuringUnitIdentifierType is mandatory. A single instance is required.

Provides a contextual definition for the value used to identify the measuring unit.

Refer to MeasuringUnitIdentifierType definition for any enumerations.

Agency [attribute]

Agency is optional. A single instance might exist.

Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

StateOrProvince [attribute]

StateOrProvince is optional. A single instance might exist.

The political designation or boundary of a specific area of land.

ISOCountryCode [attribute]

ISOCountryCode is optional. A single instance might exist.

The valid Alpha 2-character list of ISO Country Codes.

Refer to ISOCountryCode definition for any enumerations.

ISOCountryCodeAlfa3 [attribute]

ISOCountryCodeAlfa3 is optional. A single instance might exist.

The valid Alpha 3-character list of ISO Country Codes.

Refer to ISOCountryCodeAlfa3 definition for any enumerations.

ISOCountryCodeNumeric [attribute]

ISOCountryCodeNumeric is optional. A single instance might exist.

The valid Numeric 3-digit list of ISO Country Codes.

Refer to ISOCountryCodeNumeric definition for any enumerations.

MeasuringUnitIdentifierType [attribute]

Provides a contextual definition for the value used to identify the measuring unit.



This item is restricted to the following list.

AssignedByAgencyID

A unique identifier that has been assigned by the agency given in the attribute Agency. Attribute Agency is mandatory when AssignedByAgency is used.

AssignedByMachineOwnerID

A unique identifier that has been assigned by the owner of the machine.

LicencePlateNumber

A licence plate number.

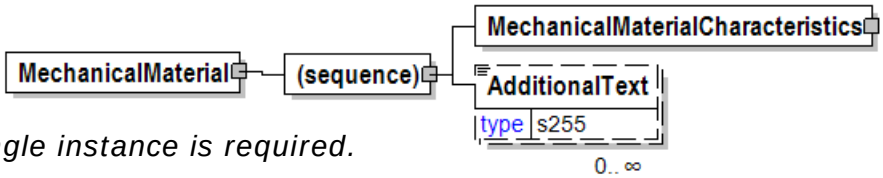
MachineID

A globally unique identifier for the machine. It is an identifier belonging to the machine independent of the owner of the machine, e.g. a GUID number.

MechanicalMaterial

Mechanical material information

(sequence)



The sequence of items below is mandatory. A single instance is required.

MechanicalMaterialCharacteristics

MechanicalMaterialCharacteristics is mandatory. A single instance is required.

Mecahnical material characteristics.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

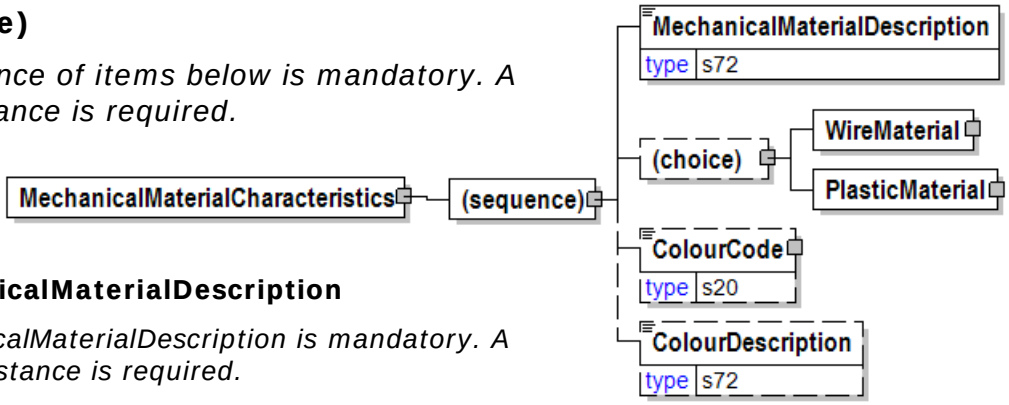
A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

MechanicalMaterialCharacteristics

Mecahnical material characteristics.

(sequence)

The sequence of items below is mandatory. A single instance is required.



MechanicalMaterialDescription

MechanicalMaterialDescription is mandatory. A single instance is required.

Mechanical material description

(choice)

[choice] is optional because of choice construct.

WireMaterial

WireMaterial is optional because of choice construct.

Wire Material

PlasticMaterial

PlasticMaterial is optional because of choice construct.

Describes the plastic used in the process.

ColourCode

ColourCode is optional. A single instance might exist.

A code indicating the colour.

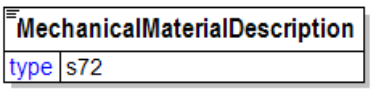
ColourDescription

ColourDescription is optional. A single instance might exist.

A free form description of the colour.

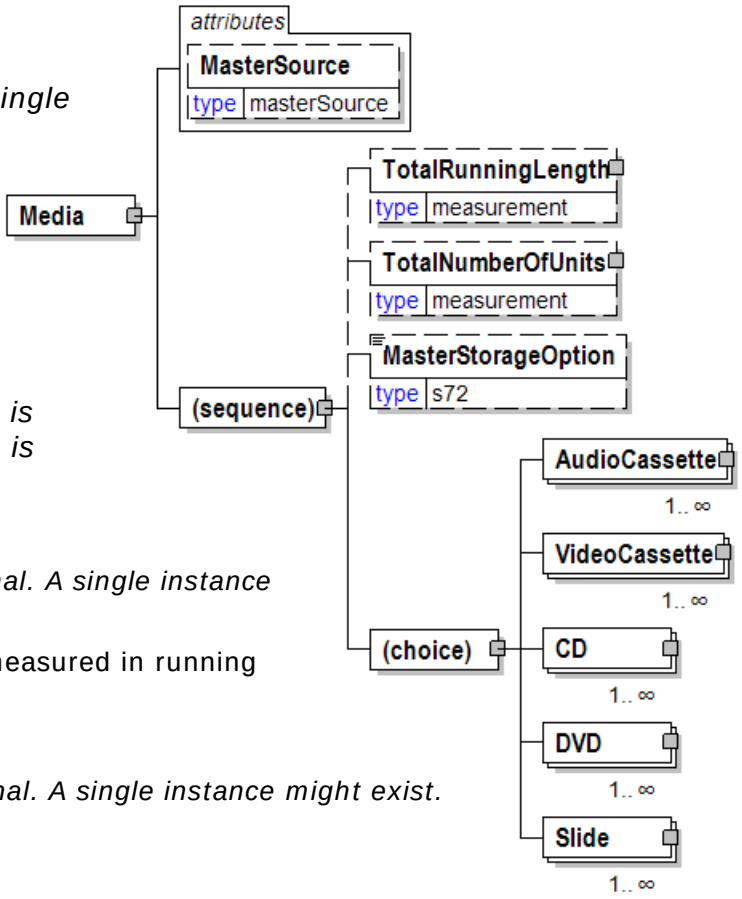
MechanicalMaterialDescription

Mechanical material description



Media

Media.



MasterSource [attribute]

MasterSource is optional. A single instance might exist.

The source of the master

Refer to MasterSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

TotalRunningLength

TotalRunningLength is optional. A single instance might exist.

Summary value of amount measured in running meters, etc.

TotalNumberOfUnits

TotalNumberOfUnits is optional. A single instance might exist.

The total number of units.

MasterStorageOption

MasterStorageOption is optional. A single instance might exist.

Master storage option

(choice)

[choice] is optional because of choice construct.

AudioCassette

AudioCassette is optional because of choice construct.

Audio cassette

VideoCassette

VideoCassette is optional because of choice construct.

Video cassette information.

CD

CD is optional because of choice construct.

CD

DVD

DVD is optional because of choice construct.

DVD

Slide

Slide is optional because of choice construct.

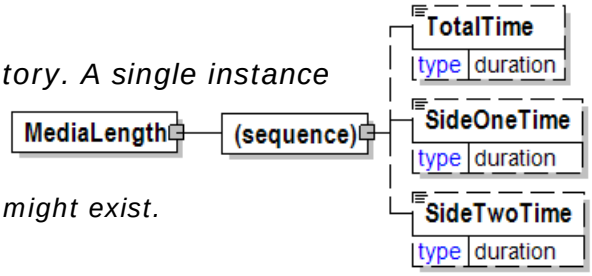
Slide

MediaLength

Media length

(sequence)

The sequence of items below is mandatory. A single instance is required.



TotalTime

TotalTime is optional. A single instance might exist.

The total time.

SideOneTime

SideOneTime is optional. A single instance might exist.

The time for side one.

SideTwoTime

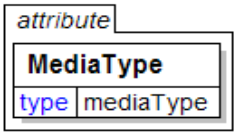
SideTwoTime is optional. A single instance might exist.

The time for side two.

MediaType [attribute]

The type of media

This item is restricted to the following list.



CD

Compact Disk

DVD

Digital Video Disk

Electronic

Jaz

High capacity storage media

Syquest

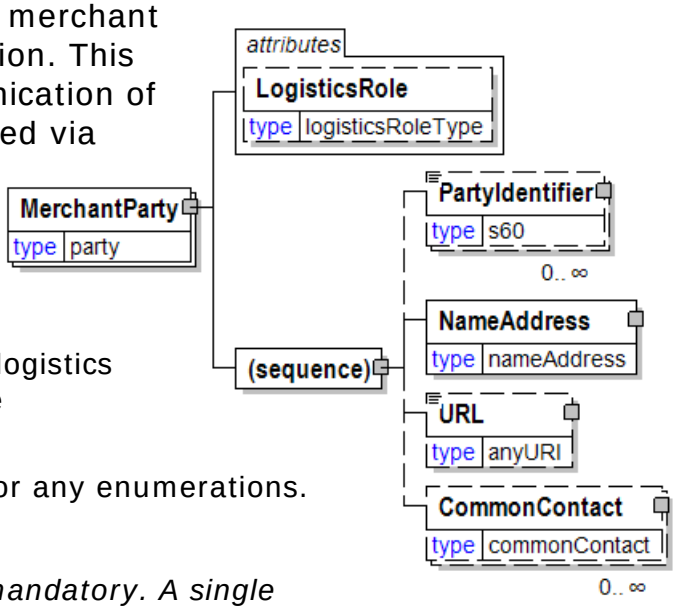
A removable hard disk drive that is connected to the computer via a SCSI interface.

Zip

Other

MerchantParty

This named party represents the merchant involved in the business transaction. This party is only used in the communication of OrderStatus otherwise it is handled via OtherParty.



LogisticsRole [attribute]

LogisticsRole is optional. A single instance might exist.

Communicates the nature of the logistics role, if any, the party plays in the transaction.

Refer to LogisticsRole definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PartyIdentifier

PartyIdentifier is optional. Multiple instances might exist.

A unique identifier of a specific party. This element contains an attribute PartyIdentifierType that indicates the type of party.

NameAddress

NameAddress is mandatory. A single instance is required.

A group item containing name and address of an organisation or business entity.

URL

URL is optional. A single instance might exist.

Universal Resource Locator. While typically a web address you could use this field to hold an email address.

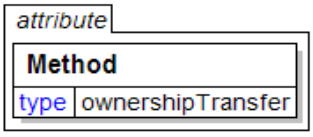
CommonContact

CommonContact is optional. Multiple instances might exist.

Identifies a specific individual associated with the party.

Method [attribute]

An attribute of the shipment method of payment, which defines the responsibilities of buyers and sellers for delivery under a sales contract.



It especially determines the obligations of the seller and the buyer regarding the payment of the freight costs.

This item is restricted to the following list.

CollectFreight

CollectFreightAndAllowed

CollectFreightCreditedBackToCustomer

Defines the difference between the invoice freight cost and the allowance by the mill. This can be a credit or a debit to the customer.

CustomerPickupBackhaul

Specifies that the carrier who is doing the delivery can pick a return load.

Pickup

Specifies that the customer will pick up the goods; in other words, the goods transport is organised by the buyer who will therefore pay for the freight.

PrepaidButChargedToCustomer

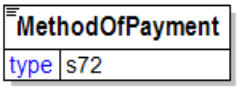
Specifies that the freight costs will be prepaid by the seller but will be charged back to the buyer.

PrepaidBySeller

Specifies that the seller will prepay the freight costs.

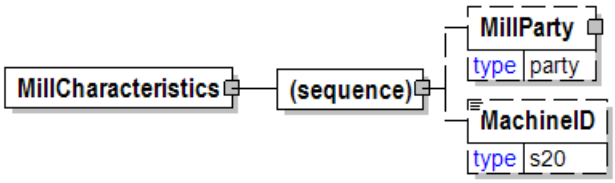
MethodOfPayment

The manner in which payment is to be transmitted to the seller.



MillCharacteristics

A group item defining the mill party and machine identifier where a product is or was produced.



(sequence)

The sequence of items below is mandatory. A single instance is required.

MillParty

MillParty is optional. A single instance might exist.

The organisation or business entity that actually produces the product.

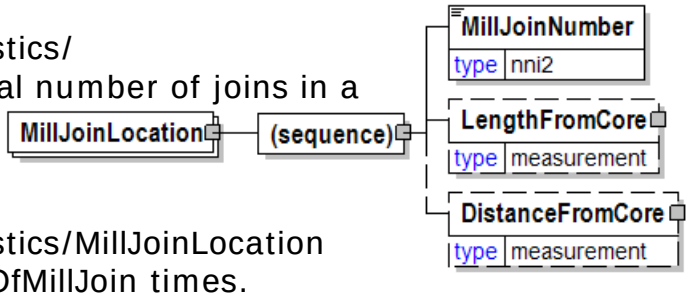
MachineID

MachineID is optional. A single instance might exist.

An identifier assigned to the particular machine being referenced. For example, a machine could be a paper machine, an off-line coater, a sheeter, or a printing press. The particular machine being referenced will be determined by the business event being supported.

MillJoinLocation

A group element detailing the location of each mill join in a reel. The element DeliveryMessageReelCharacteristics/ NumberOfMillJoins gives the total number of joins in a reel.



DeliveryMessageReelCharacteristics/MillJoinLocation would be repeated the NumberOfMillJoin times.

(sequence)

The sequence of items below is mandatory. A single instance is required.

MillJoinNumber

MillJoinNumber is mandatory. A single instance is required.

A sequential number that identifies each mill join in a reel. The element DeliveryMessageReelCharacteristics/NumberOfMillJoins gives the total number of joins in a reel.

LengthFromCore

LengthFromCore is optional. A single instance might exist.

In relationship to a paper event (usually a mill join) where is the event in terms of the length of the paper.

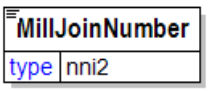
DistanceFromCore

DistanceFromCore is optional. A single instance might exist.

The distance from the radius of the core. This element can be used to communicate where a mill join is located. Compare to LengthFromCore.

MillJoinNumber

A sequential number that identifies each mill join in a reel. The element DeliveryMessageReelCharacteristics/NumberOfMillJoins gives the total number of joins in a reel.

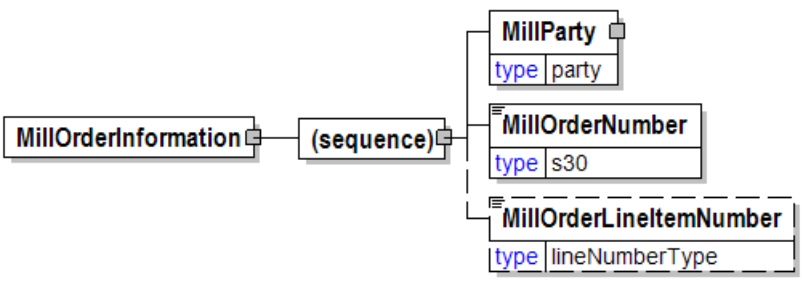


MillOrderInformation

A group item containing information unique to a mill order.

(sequence)

The sequence of items below is mandatory. A single instance is required.



MillParty

MillParty is mandatory. A single instance is required.

The organisation or business entity that actually produces the product.

MillOrderNumber

MillOrderNumber is mandatory. A single instance is required.

The manufacturing order number the mill uses.

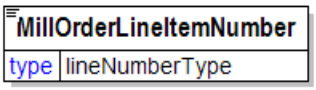
MillOrderLineItemNumber

MillOrderLineItemNumber is optional. A single instance might exist.

A number that uniquely identifies the line items of the Mill Order.

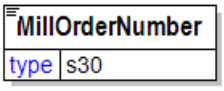
MillOrderLineItemNumber

A number that uniquely identifies the line items of the Mill Order.



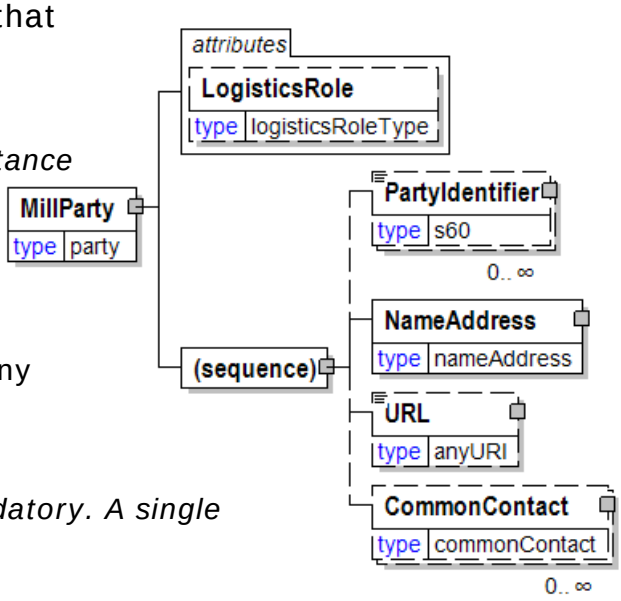
MillOrderNumber

The manufacturing order number the mill uses.



MillParty

The organisation or business entity that actually produces the product.



LogisticsRole [attribute]

LogisticsRole is optional. A single instance might exist.

Communicates the nature of the logistics role, if any, the party plays in the transaction.

Refer to LogisticsRole definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PartyIdentifier

PartyIdentifier is optional. Multiple instances might exist.

A unique identifier of a specific party. This element contains an attribute PartyIdentifierType that indicates the type of party.

NameAddress

NameAddress is mandatory. A single instance is required.

A group item containing name and address of an organisation or business entity.

URL

URL is optional. A single instance might exist.

Universal Resource Locator. While typically a web address you could use this field to hold an email address.

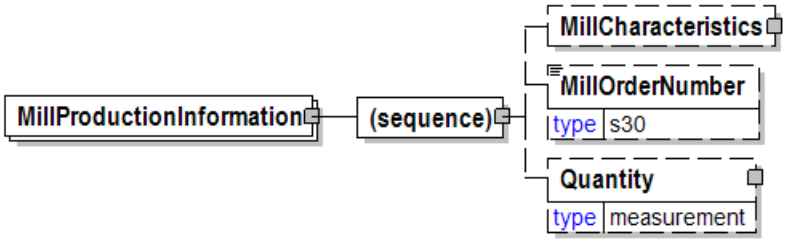
CommonContact

CommonContact is optional. Multiple instances might exist.

Identifies a specific individual associated with the party.

MillProductionInformation

A grouping element that contains information about production at the mill.



(sequence)

The sequence of items below is mandatory. A single instance is required.

MillCharacteristics

MillCharacteristics is optional. A single instance might exist.

A group item defining the mill party and machine identifier where a product is or was produced.

MillOrderNumber

MillOrderNumber is optional. A single instance might exist.

The manufacturing order number the mill uses.

Quantity

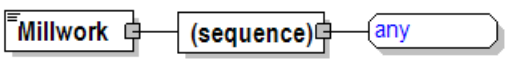
Quantity is optional. A single instance might exist.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

Millwork

A placeholder for the further definition of millwork items.



(sequence)

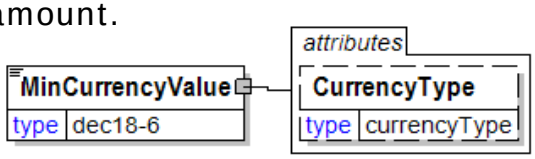
The sequence of items below is mandatory. A single instance is required.

[Any Type]

Any type of content is permitted at this point.

MinCurrencyValue

The lower range of the allowed currency amount.



CurrencyType [attribute]

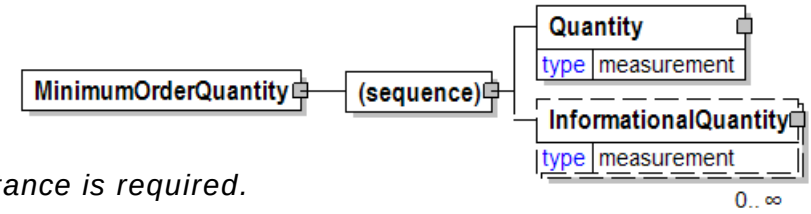
CurrencyType is optional. A single instance might exist.

A three-character ISO 4217 currency code in capital letters. The ISO standard classification for currencies.

Refer to CurrencyType definition for any enumerations.

MinimumOrderQuantity

The minimum amount that can be ordered on a PurchaseOrder.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

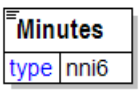
InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

Minutes

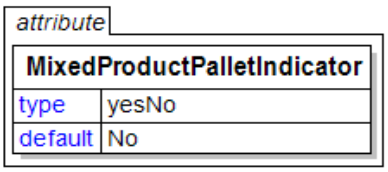
A qualifier for the DeliveryTransitTime.



MixedProductPalletIndicator [attribute]

Specifies whether a product can be mixed with other products on the same pallet.

This item is restricted to the following list.



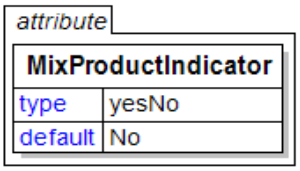
Yes

No

MixProductIndicator [attribute]

Specifies whether a product can be mixed with other products on the same shipment.

This item is restricted to the following list.

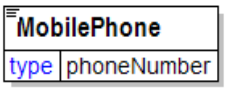


Yes

No

MobilePhone

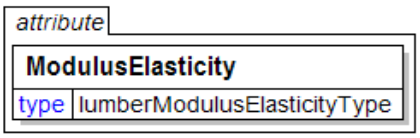
The mobile phone number of the individual associated with the ContactName.



ModulusElasticity [attribute]

Modulus elasticity

This item is restricted to the following list.



1.0E

1.1E

1.2E

1.3E

1.4E

1.5E

1.6E

1.7E

1.8E

1.9E

2.0E

2.1E

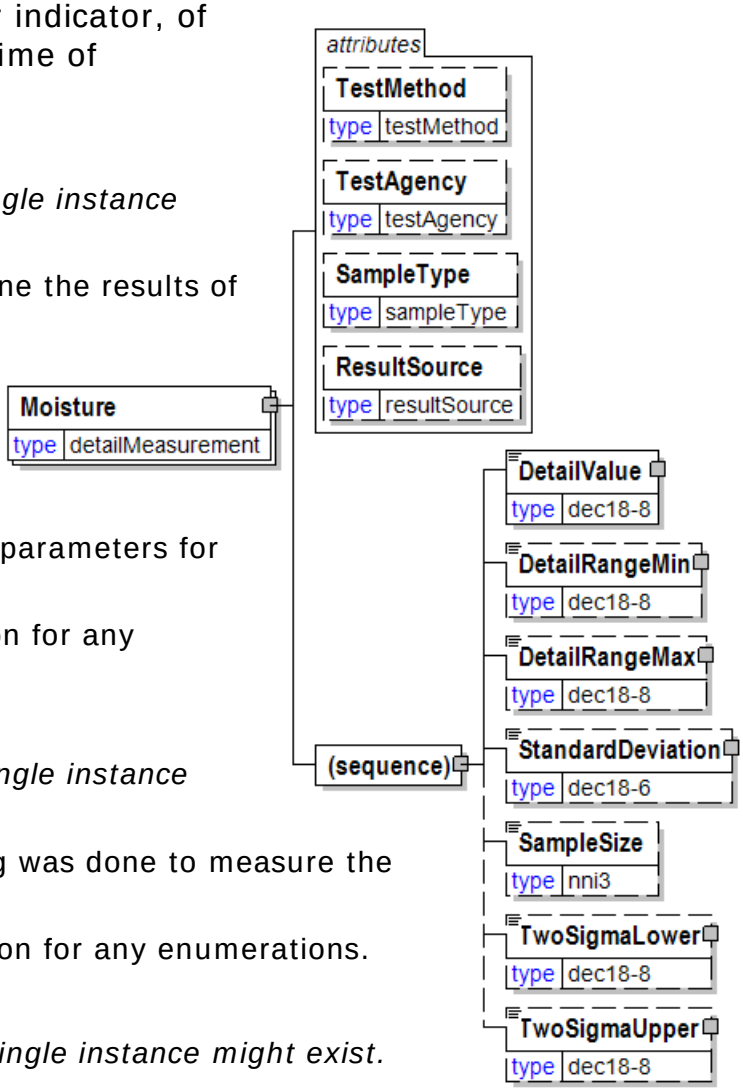
2.2E

2.3E

2.4E

Moisture

Desired percentage, or other indicator, of water in the product at the time of shipment.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

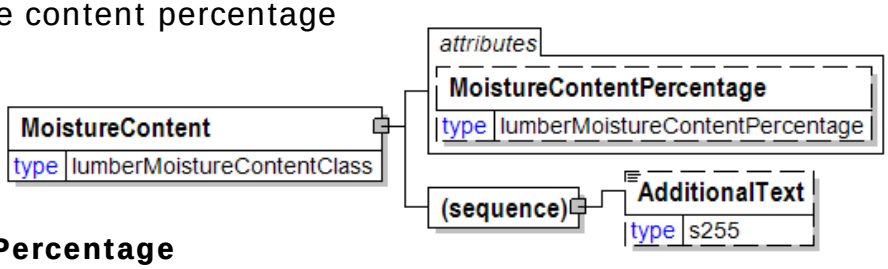
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

MoistureContent

Defines the moisture content percentage of the product.



MoistureContentPercentage [attribute]

MoistureContentPercentage is optional. A single instance might exist.

Defines the percentage moisture content to which the product has been dried.

Refer to MoistureContentPercentage definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

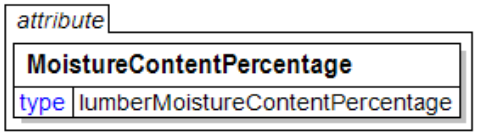
AdditionalText

AdditionalText is optional. A single instance might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

MoistureContentPercentage [attribute]

Defines the percentage moisture content to which the product has been dried.



This item is restricted to the following list.

1

2

3

4

5

6

7

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10

11

12

13

14

15

16

18

19

20

21

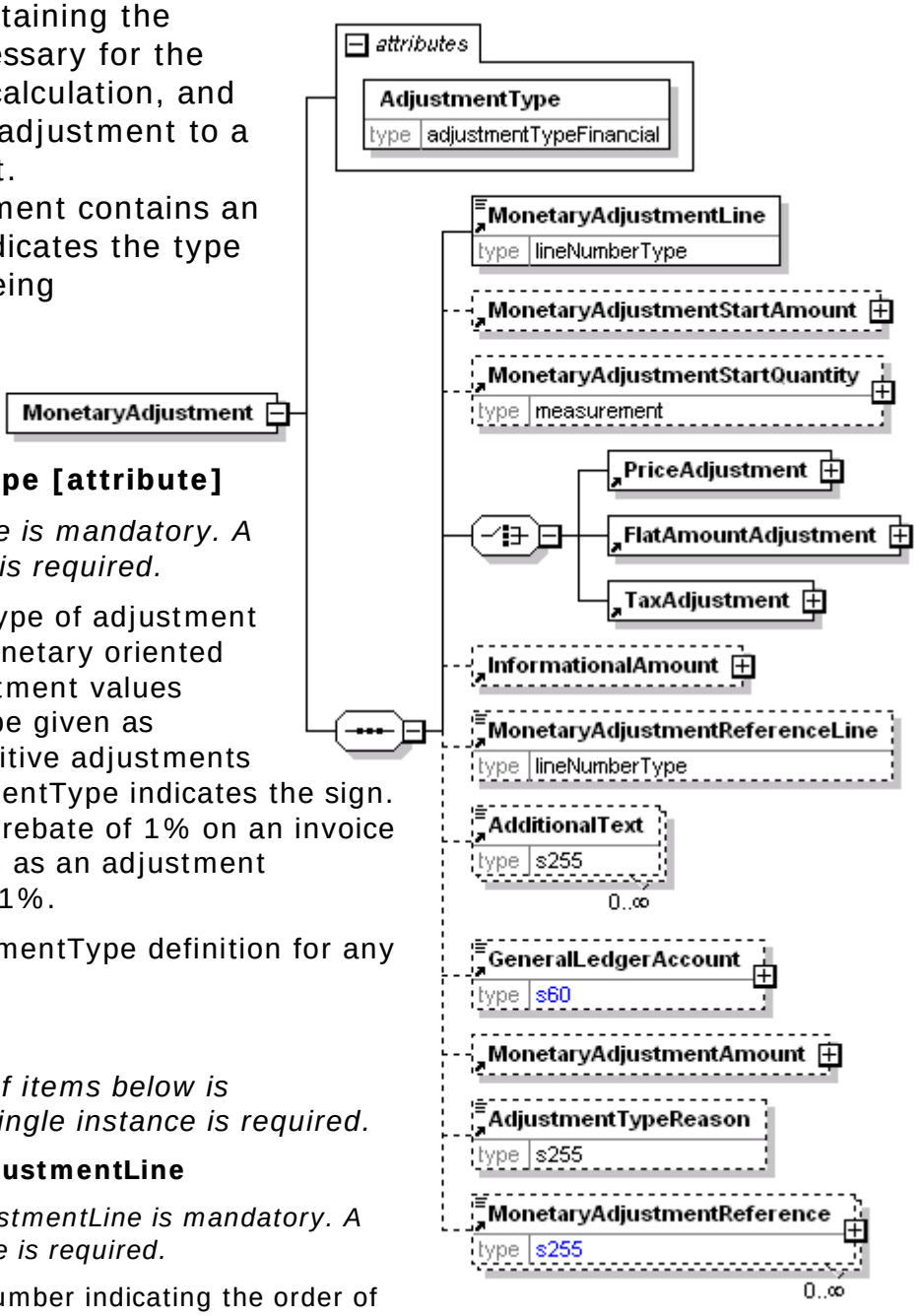
22

23

Other

MonetaryAdjustment

The element containing the information necessary for the understanding, calculation, and treatment of an adjustment to a currency amount. MonetaryAdjustment contains an attribute that indicates the type of adjustment being communicated.



AdjustmentType [attribute]

AdjustmentType is mandatory. A single instance is required.

Describes the type of adjustment applied to a monetary oriented element. Adjustment values should always be given as negative or positive adjustments even if AdjustmentType indicates the sign. For example, a rebate of 1% on an invoice should be given as an adjustment percentage of -1%.

Refer to AdjustmentType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

MonetaryAdjustmentLine

MonetaryAdjustmentLine is mandatory. A single instance is required.

A sequence number indicating the order of printing or the sequence in which a group of adjustments are to be considered.

MonetaryAdjustmentStartAmount

MonetaryAdjustmentStartAmount is optional. A single instance might exist.

The beginning currency amount used in the calculation of a monetary adjustment.

MonetaryAdjustmentStartQuantity

MonetaryAdjustmentStartQuantity is optional. A single instance might exist.

The beginning quantity used in the calculation of a monetary adjustment.

(choice)

[choice] is optional because of choice construct.

PriceAdjustment

PriceAdjustment is optional because of choice construct.

A group item defining a deviation from the PricePerUnit.

FlatAmountAdjustment

FlatAmountAdjustment is optional because of choice construct.

A group item that contains flat adjustment amount information.

TaxAdjustment

TaxAdjustment is optional because of choice construct.

This content element contains the necessary information to describe, calculate, and handle a tax adjustment.

InformationalAmount

InformationalAmount is optional. A single instance might exist.

A monetary amount used for information purposes only (not for calculation). For example, the invoice price adjustment subtotal is expressed in sterling pounds, and the buyer wants this information expressed in U.S. dollars.

CreditDebitNote and Invoice - The TaxAmount is displayed in the currency that is applicable throughout the e-Document. When a TaxAmount needs to be displayed in a different national currency, this field is used.

MonetaryAdjustmentReferenceLine

MonetaryAdjustmentReferenceLine is optional. A single instance might exist.

A link to a previously defined MonetaryAdjustmentLine upon which this adjustment is based.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

GeneralLedgerAccount

GeneralLedgerAccount is optional. A single instance might exist.

The general ledger account to be referenced for the item.

MonetaryAdjustmentAmount

MonetaryAdjustmentAmount is optional. A single instance might exist.

The actual amount of the monetary adjustment.

AdjustmentTypeReason

AdjustmentTypeReason is optional. A single instance might exist.

Provides additional information about the type of adjustment. Can be viewed as a sub-classification of the adjustment type attribute or as a textual explanation.

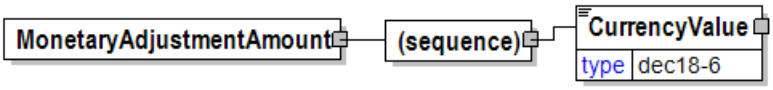
MonetaryAdjustmentReference

MonetaryAdjustmentReference is optional. Multiple instances might exist.

An element detailing relevant references pertaining to the MonetaryAdjustment as indicated by MonetaryAdjustmentReferenceType and AssignedBy.

MonetaryAdjustmentAmount

The actual amount of the monetary adjustment.



(sequence)

The sequence of items below is mandatory. A single instance is required.

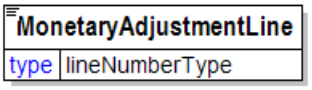
CurrencyValue

CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

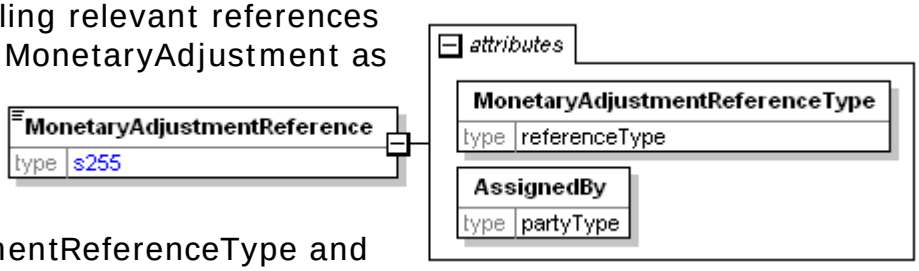
MonetaryAdjustmentLine

A sequence number indicating the order of printing or the sequence in which a group of adjustments are to be considered.



MonetaryAdjustmentReference

An element detailing relevant references pertaining to the MonetaryAdjustment as indicated by



MonetaryAdjustmentReferenceType and AssignedBy.

MonetaryAdjustmentReferenceType [attribute]

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, Warehouse” or Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute AssignedBy will communicate the information previously communicated in the prefix.

Refer to MeasuringTicketReferenceType definition for any enumerations.

AssignedBy [attribute]

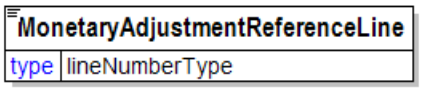
AssignedBy is mandatory. A single instance is required.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

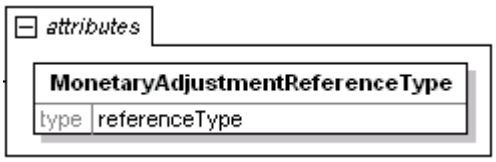
Refer to AssignedBy for any enumerations.

MonetaryAdjustmentReferenceLine

A link to a previously defined MonetaryAdjustmentLine upon which this adjustment is based.



MonetaryAdjustmentReferenceType [attribute]

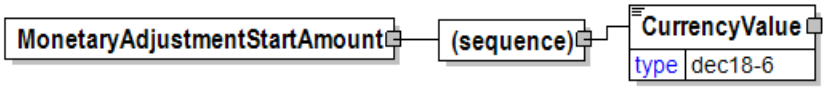


Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, Warehouse” or Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

MonetaryAdjustmentStartAmount

The beginning currency amount used in the calculation of a monetary adjustment.



(sequence)

The sequence of items below is mandatory. A single instance is required.

CurrencyValue

CurrencyValue is mandatory. A single instance is required.

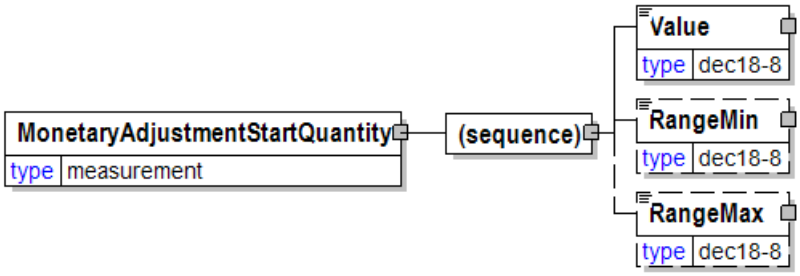
The amount in the referenced currency as defined by the CurrencyType attribute.

MonetaryAdjustmentStartQuantity

The beginning quantity used in the calculation of a monetary adjustment.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

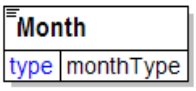
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

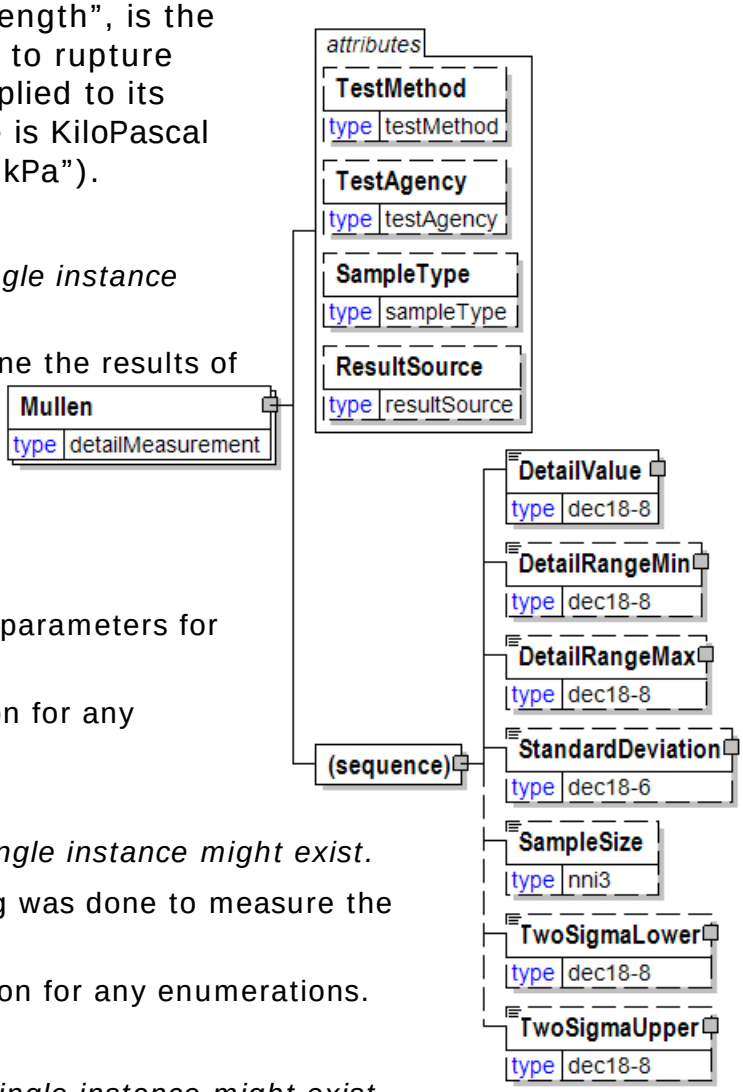
Month

Identifies the month number when communicating a Calendar date.



Mullen

Mullen, also called “burst strength”, is the amount of pressure required to rupture paper or linerboard when applied to its surface. The unit of measure is KiloPascal (sometimes abbreviated as “kPa”).



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

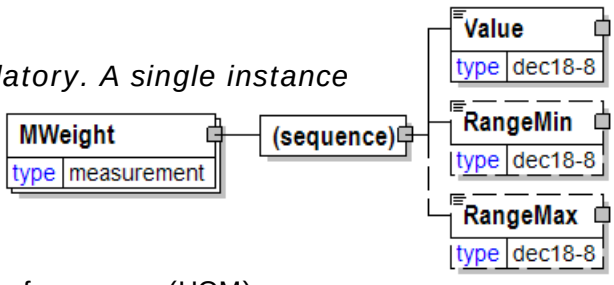
Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

MWeight

The weight of 1000 sheets.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

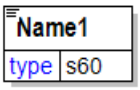
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

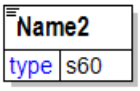
Name1

The primary-level name of an organisation or business entity (for example, company name).



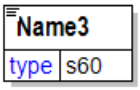
Name2

The second-level name of an organisation or business entity (for example, department, division, and so on).



Name3

The third-level name of an organisation or business entity.



NameAddress

A group item containing name and address of an organisation or business entity.

CommunicationRole [attribute]

CommunicationRole is optional. A single instance might exist.

Provides information about the sender, receiver, and participants to the document communication.

Refer to CommunicationRole definition for any enumerations.

AddressRoleType [attribute]

AddressRoleType is optional. A single instance might exist.

Specifies the role of an address.

Refer to AddressRoleType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Name1

Name1 is mandatory. A single instance is required.

The primary-level name of an organisation or business entity (for example, company name).

Name2

Name2 is optional. A single instance might exist.

The second-level name of an organisation or business entity (for example, department, division, and so on).

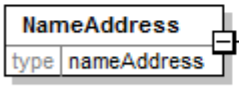
Name3

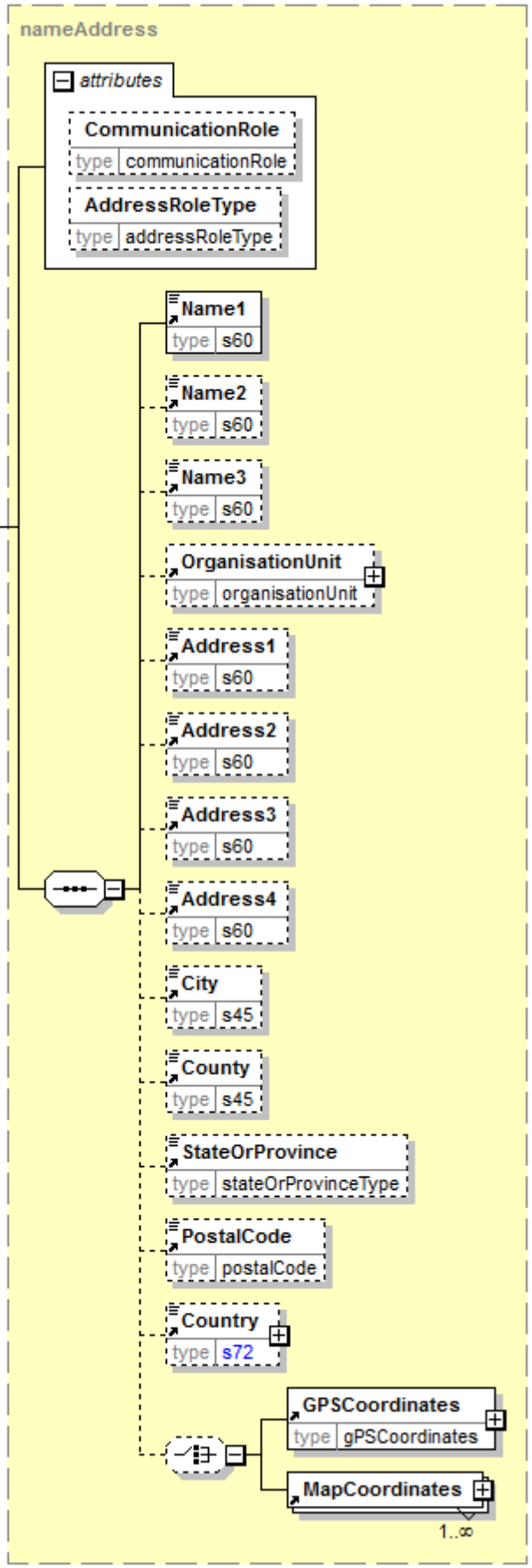
Name3 is optional. A single instance might exist.

The third-level name of an organisation or business entity.

OrganisationUnit

OrganisationUnit is optional. A





single instance might exist.

A segment of a business or the entire business.

Address1

Address1 is optional. A single instance might exist.

The primary-level address of an organisation or business entity (for example, street name, and number).

Address2

Address2 is optional. A single instance might exist.

The second-level address of an organisation or business entity.

Address3

Address3 is optional. A single instance might exist.

The third-level address of an organisation or business entity.

Address4

Address4 is optional. A single instance might exist.

The fourth-level address of an organisation or business entity.

City

City is optional. A single instance might exist.

Name of the city associated with the address elements.

County

County is optional. A single instance might exist.

The name of the county that the address is in.

StateOrProvince

StateOrProvince is optional. A single instance might exist.

The political designation or boundary of a specific area of land.

PostalCode

PostalCode is optional. A single instance might exist.

The postal code associated with the address elements.

Country

Country is optional. A single instance might exist.

The name of the country associated with the address elements. To ensure reliable matching of addresses, it is suggested to use the attribute ISOCountryCode as well.

(choice)

[choice] is optional because of choice construct.

GPSCoordinates

GPSCoordinates is optional because of choice construct.

The location of the party as specified using a Global Positioning System.

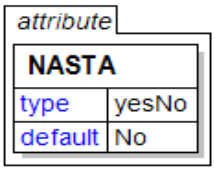
MapCoordinates

MapCoordinates is optional because of choice construct.

A group item defining and containing position co-ordinates of a location.

NASTA [attribute]

Indicates if the specification must conform to the NASTA (National Association of State Textbook Administrators) requirements.



This item is restricted to the following list.

Yes

Book production must adhere to NASTA specifications.

No

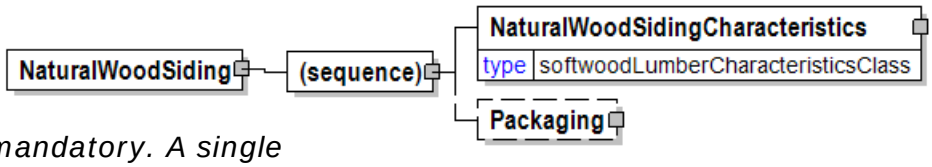
Book production is not subject to NASTA specifications.

NaturalWoodSiding

Natural wood siding

(sequence)

The sequence of items below is mandatory. A single instance is required.



NaturalWoodSidingCharacteristics

NaturalWoodSidingCharacteristics is mandatory. A single instance is required.

Natural wood siding characteristics

Packaging

Packaging is optional. A single instance might exist.

Type of a package that includes individual products.

NaturalWoodSidingCharacteristics

Natural wood siding characteristics



(sequence)

The sequence of items below is mandatory. A single instance is required.

LumberSpecies

LumberSpecies is mandatory. One instance is required, multiple instances might exist.

Specifies the raw material species.

LumberGrade

LumberGrade is mandatory. A single instance is required.

Defines quality characteristics achieved by selecting pieces based on a grading rule.

Length

Length is optional.

The length of the object.

Width

Width is optional.

The width of the object.

Thickness

Thickness is optional.

Physical dimension of a product.

Seasoning

Seasoning is optional. A single instance might exist.

Describes drying/ moisture control method.

MoistureContent

MoistureContent is optional. A single instance might exist.

Defines the moisture content percentage of the product.

HeatTreatment

HeatTreatment is optional. A single instance might exist.

Defines the heat treatment method.

ManufacturingProcess

ManufacturingProcess is optional. Multiple instances might exist.

Defines the different machining and processes made for the product.

PatternProfile

PatternProfile is optional. A single instance might exist.

Defines the pattern used in machining the product.

Trim

Trim is optional. A single instance might exist.

Trim

Joining

Joining is optional. A single instance might exist.

Defines the method used to join pieces of wood.

PressureTreatment

PressureTreatment is optional. A single instance might exist.

Method and parameter values of pressure treatment.

FireTreatment

FireTreatment is optional. A single instance might exist.

Fire treatment

OtherTreatment

OtherTreatment is optional. A single instance might exist.

Other treatment

GradeStamp

GradeStamp is optional. A single instance might exist.

Grade stamp information

ExLog

ExLog is optional. A single instance might exist.

Describes the cutting pattern of the log.

ClassIdentifier

ClassIdentifier is optional. Multiple instances might exist.

Standard used for product identification.

Weight

Weight is optional. A single instance might exist.

The weight of the item.

LabelCharacteristics

LabelCharacteristics is optional. A single instance might exist.

A group item that organises the labeling information.

StencilCharacteristics

StencilCharacteristics is optional. A single instance might exist.

A group element specifying attributes of a stencil to be applied to an item, and optional text.

Wrap

Wrap is optional. A single instance might exist.

A group item that organises wrapping detail information.

SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the

indicated agency).

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

LengthCutDescription

LengthCutDescription is optional. A single instance might exist.

Length Cut Description

ShippingMark

ShippingMark is optional. A single instance might exist.

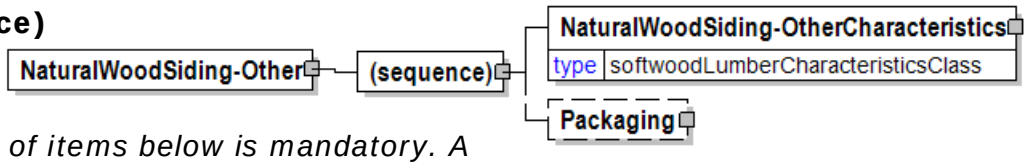
A shipping mark identifies the producer and quality on the end side of the product. Not to be mixed with company code/logo or other product marking.

NaturalWoodSiding-Other

Natural Wood Siding - Other

(sequence)

The



sequence of items below is mandatory. A single instance is required.

NaturalWoodSiding-OtherCharacteristics

NaturalWoodSiding-OtherCharacteristics is mandatory. A single instance is required.

Natural Wood Siding - Other Characteristics

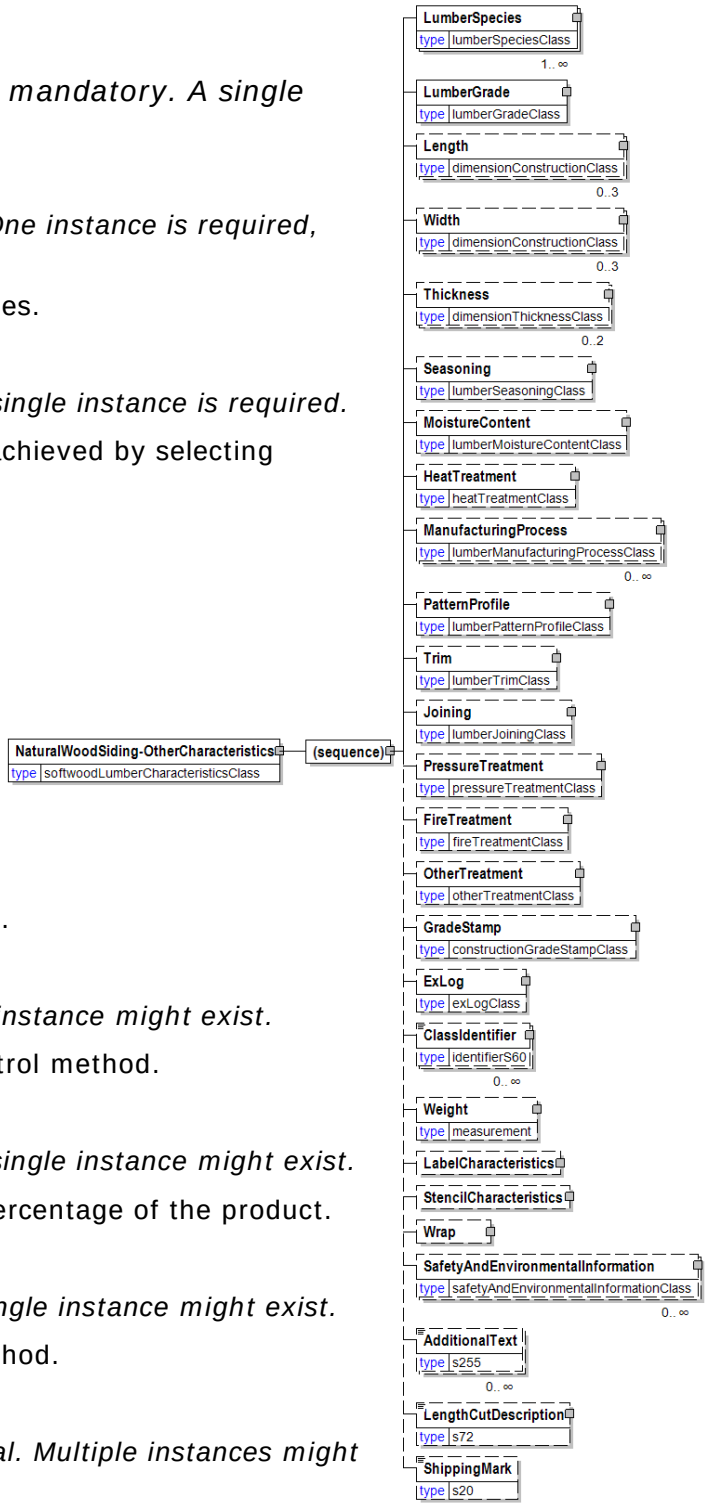
Packaging

Packaging is optional. A single instance might exist.

Type of a package that includes individual products.

NaturalWoodSiding-OtherCharacteristics

Natural Wood Siding - Other Characteristics



(sequence)

The sequence of items below is mandatory. A single instance is required.

LumberSpecies

LumberSpecies is mandatory. One instance is required, multiple instances might exist.

Specifies the raw material species.

LumberGrade

LumberGrade is mandatory. A single instance is required.

Defines quality characteristics achieved by selecting pieces based on a grading rule.

Length

Length is optional.

The length of the object.

Width

Width is optional.

The width of the object.

Thickness

Thickness is optional.

Physical dimension of a product.

Seasoning

Seasoning is optional. A single instance might exist.

Describes drying/ moisture control method.

MoistureContent

MoistureContent is optional. A single instance might exist.

Defines the moisture content percentage of the product.

HeatTreatment

HeatTreatment is optional. A single instance might exist.

Defines the heat treatment method.

ManufacturingProcess

ManufacturingProcess is optional. Multiple instances might exist.

Defines the different machining and processes made for the product.

PatternProfile

PatternProfile is optional. A single instance might exist.

Defines the pattern used in machining the product.

Trim

Trim is optional. A single instance might exist.

Trim

Joining

Joining is optional. A single instance might exist.

Defines the method used to join pieces of wood.

PressureTreatment

PressureTreatment is optional. A single instance might exist.

Method and parameter values of pressure treatment.

FireTreatment

FireTreatment is optional. A single instance might exist.

Fire treatment

OtherTreatment

OtherTreatment is optional. A single instance might exist.

Other treatment

GradeStamp

GradeStamp is optional. A single instance might exist.

Grade stamp information

ExLog

ExLog is optional. A single instance might exist.

Describes the cutting pattern of the log.

ClassIdentifier

ClassIdentifier is optional. Multiple instances might exist.

Standard used for product identification.

Weight

Weight is optional. A single instance might exist.

The weight of the item.

LabelCharacteristics

LabelCharacteristics is optional. A single instance might exist.

A group item that organises the labeling information.

StencilCharacteristics

StencilCharacteristics is optional. A single instance might exist.

A group element specifying attributes of a stencil to be applied to an item, and optional text.

Wrap

Wrap is optional. A single instance might exist.

A group item that organises wrapping detail information.

SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the

indicated agency).

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

LengthCutDescription

LengthCutDescription is optional. A single instance might exist.

Length Cut Description

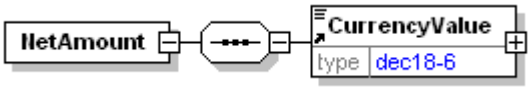
ShippingMark

ShippingMark is optional. A single instance might exist.

A shipping mark identifies the producer and quality on the end side of the product. Not to be mixed with company code/logo or other product marking.

NetAmount

An element that contains the net amount excluding tax. NetAmount encapsulates CurrencyValue.



(sequence)

The sequence of items below is mandatory. A single instance is required.

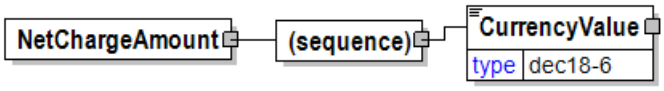
CurrencyValue

CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

NetChargeAmount

A field containing the sum of all instances of the Complaint charges.



(sequence)

The sequence of items below is mandatory. A single instance is required.

CurrencyValue

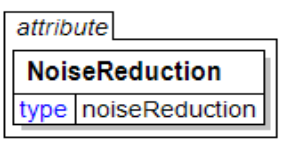
CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

NoiseReduction [attribute]

The noise reduction method

This item is restricted to the following list.



DolbyB

A simplified version of type A noise reduction targeted

towards consumer recording equipment.

DolbyC

An improvement of the B type consumer technology filters result in 20 dB of noise reduction but still confined 1KHz and over typically found built into mid and high end cassette recorders.

DolbyS

A multiband consumer version of the Dolby system.

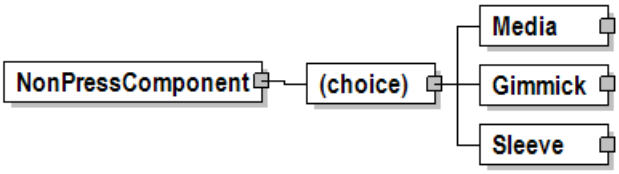
None

NonPressComponent

Non-press component.

(choice)

[choice] is optional because of choice construct.



Media

Media is optional because of choice construct.

Media.

Gimmick

Gimmick is optional because of choice construct.

Gimmick

Sleeve

Sleeve is optional because of choice construct.

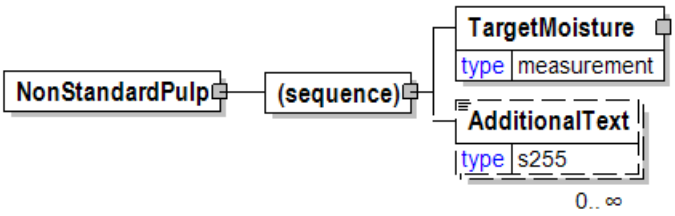
Sleeve.

NonStandardPulp

The characteristics of the form that pulp in a nonstandard presentation takes.

(sequence)

The sequence of items below is mandatory. A single instance is required.



TargetMoisture

TargetMoisture is mandatory. A single instance is required.

The moisture target for the product being specified.

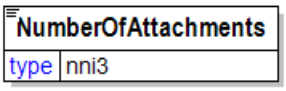
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

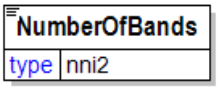
NumberOfAttachments

NumberOfAttachments indicates the number of attachments enclosed in the e-Document



NumberOfBands

The number of bands to be applied to the package.



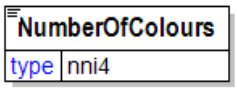
NumberOfBindComponents

Total number of components contained in the book block.



NumberOfColours

The number of colours



NumberOfComplaintLineItemDetail

The number of ComplaintLineItemDetail elements for a given ComplaintLineItem (Example: the number of reels in a ComplaintLineItem)



NumberOfComplaintResponseLineItemDetail

The number of ComplaintResponseLineItemDetail elements for a given ComplaintResponseLineItem



NumberOfDocuments

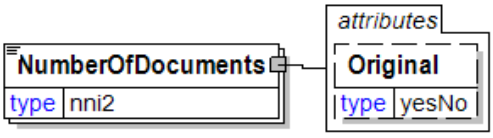
Specifies the number of documents needed.

Original [attribute]

Original is optional. A single instance might exist.

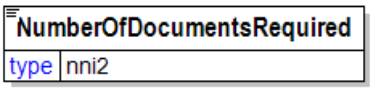
Either "Yes" or "No".

Refer to Original definition for any enumerations.



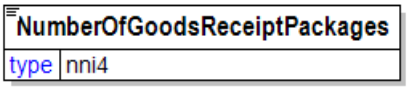
NumberOfDocumentsRequired

The number of copies of the document required.



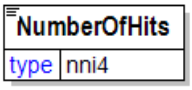
NumberOfGoodsReceiptPackages

A count of the number of packages detailed in the GoodsReceiptLineItem.



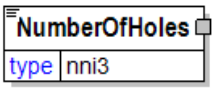
NumberOfHits

The number of hits



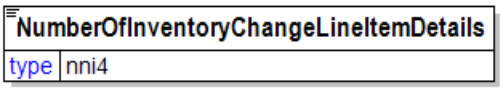
NumberOfHoles

The number of holes punched in a sheet of paper.



NumberOfInventoryChangeLineItemDetails

The number of InventoryChangeLineItemDetail elements included in the InventoryChangeLineItem.



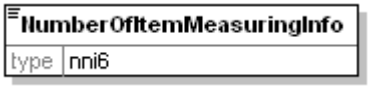
NumberOfInventoryStatusLineItemDetails

The number of InventoryStatusLineItemDetail elements included in the InventoryStatusLineItem.



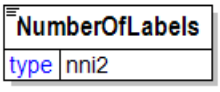
NumberOfItemMeasuringInfo

Number of reported items by ItemMeasuringInfo.



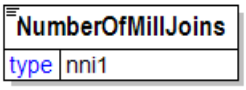
NumberOfLabels

The number of labels to be placed on the package.



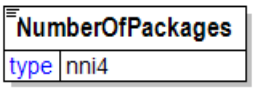
NumberOfMillJoins

The number of joins in the reel.



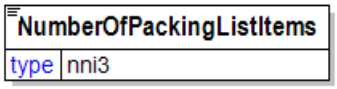
NumberOfPackages

The number of packages in the delivery.



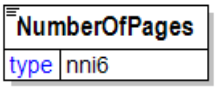
NumberOfPackingListItems

The number of PackingList items in a PackingUnit of the PackingList.



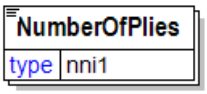
NumberOfPages

The number of pages.



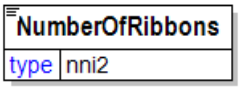
NumberOfPlies

The number of layers of paper product joined together to make the final saleable product.



NumberOfRibbons

The number of ribbons.



NumberOfSides

The number of sides.



NumberOfSignatures

The number of signatures.



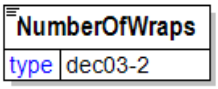
NumberOfUncompletedMeasuredItems

Specifies the number of items that are uncompleted measured, i.e. some measurement values are missing for these items.



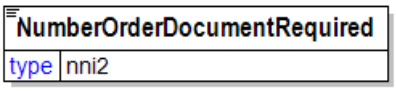
NumberOfWraps

The number of turns of wrapping material to be applied to the package.



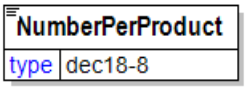
NumberOrderDocumentRequired

There are certain business cases whereby a party is required to reference external documents to the transaction. Additionally, in these cases, the party is required to communicate the number of these external documents. This element is used to indicate how many of these external documents will be required. Typically used to indicate how many hard copies of the referenced document are needed.



NumberPerProduct

The number of components or items per assembly or constructed product

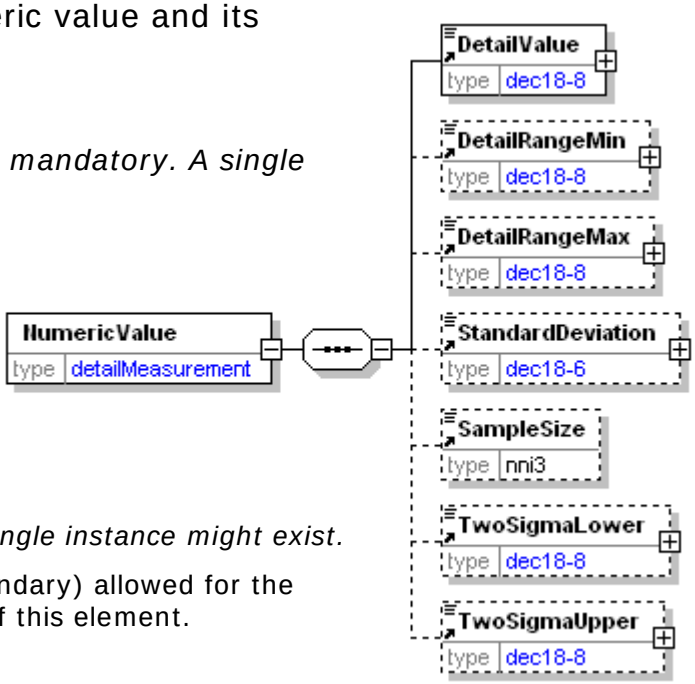


NumericValue

A grouping element for a numeric value and its statistical measures.

(sequence)

The sequence of items below is mandatory. A single instance is required.



DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

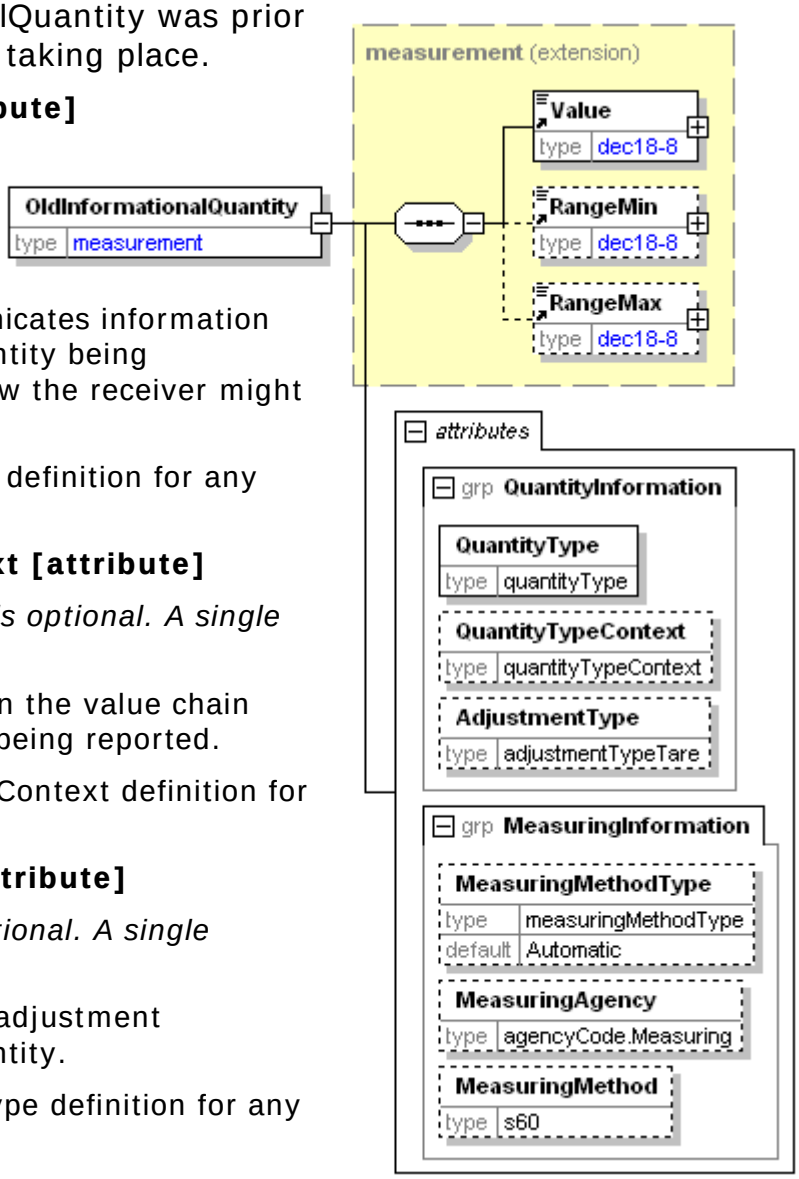
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

OldInformationalQuantity

What the InformationalQuantity was prior to the event described taking place.



QuantityType [attribute]

QuantityType is mandatory. A single instance is required.

QuantityType communicates information about the type of quantity being communicated and how the receiver might use the information.

Refer to QuantityType definition for any enumerations.

QuantityTypeContext [attribute]

QuantityTypeContext is optional. A single instance might exist.

Provides the location in the value chain where the quantity is being reported.

Refer to QuantityTypeContext definition for any enumerations.

AdjustmentType [attribute]

AdjustmentType is optional. A single instance might exist.

Describes the type of adjustment associated with a quantity.

Refer to AdjustmentType definition for any enumerations.

MeasuringMethodType [attribute]

MeasuringMethodType is optional. A single instance might exist.

Specifies how a measurement value is created.

Refer to MeasuringMethodType definition for any enumerations.

MeasuringAgency [attribute]

MeasuringAgency is optional. A single instance might exist.

The agency defining measuring methods.

Refer to MeasuringAgency definition for any enumerations.

MeasuringMethod [attribute]

MeasuringMethod is optional. A single instance might exist.

The method used to determine how the item under consideration is measured.Measuring methods are defined by the measuring agency.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

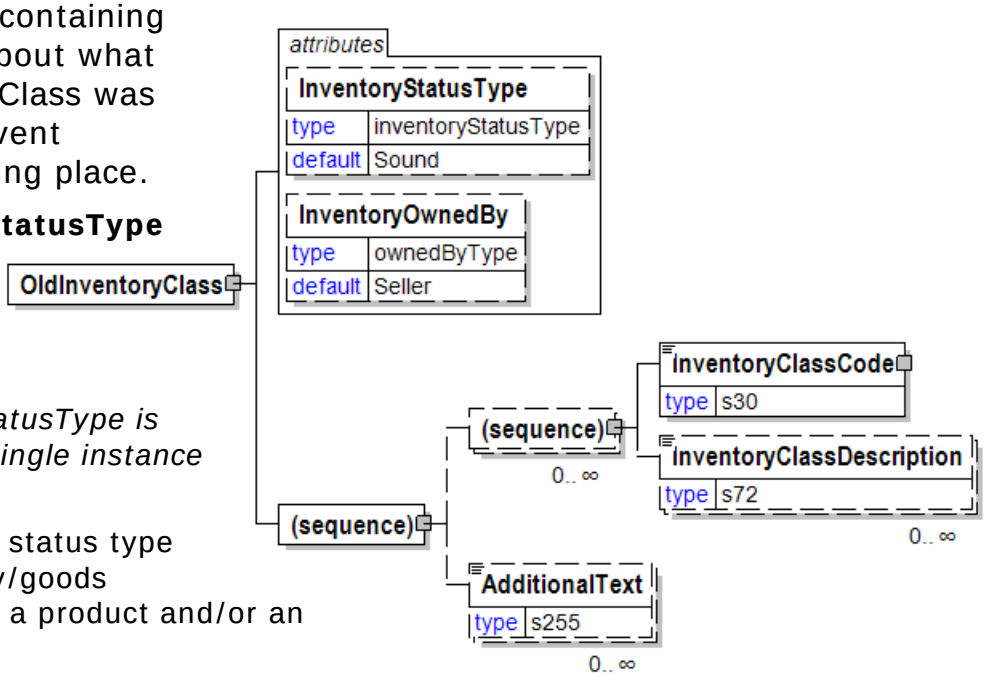
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

OldInventoryClass

A group item containing information about what the InventoryClass was prior to the event described taking place.



InventoryStatusType

[attribute]

InventoryStatusType is optional. A single instance might exist.

Provides the status type for inventory/goods belonging to a product and/or an order.

Refer to InventoryStatusType definition for any enumerations.

InventoryOwnedBy [attribute]

InventoryOwnedBy is optional. A single instance might exist.

Specifies who is the owner of the inventory/goods.

Refer to InventoryOwnedBy definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

(sequence)

The sequence of items below is optional. Multiple instances might exist.

InventoryClassCode

InventoryClassCode is mandatory. A single instance is required.

A code specifying the inventory and goods status. Classification of statuses can be done on multiple levels indicated by InventoryClassLevel.

InventoryClassDescription

InventoryClassDescription is optional. Multiple instances might exist.

A description of the inventory class.

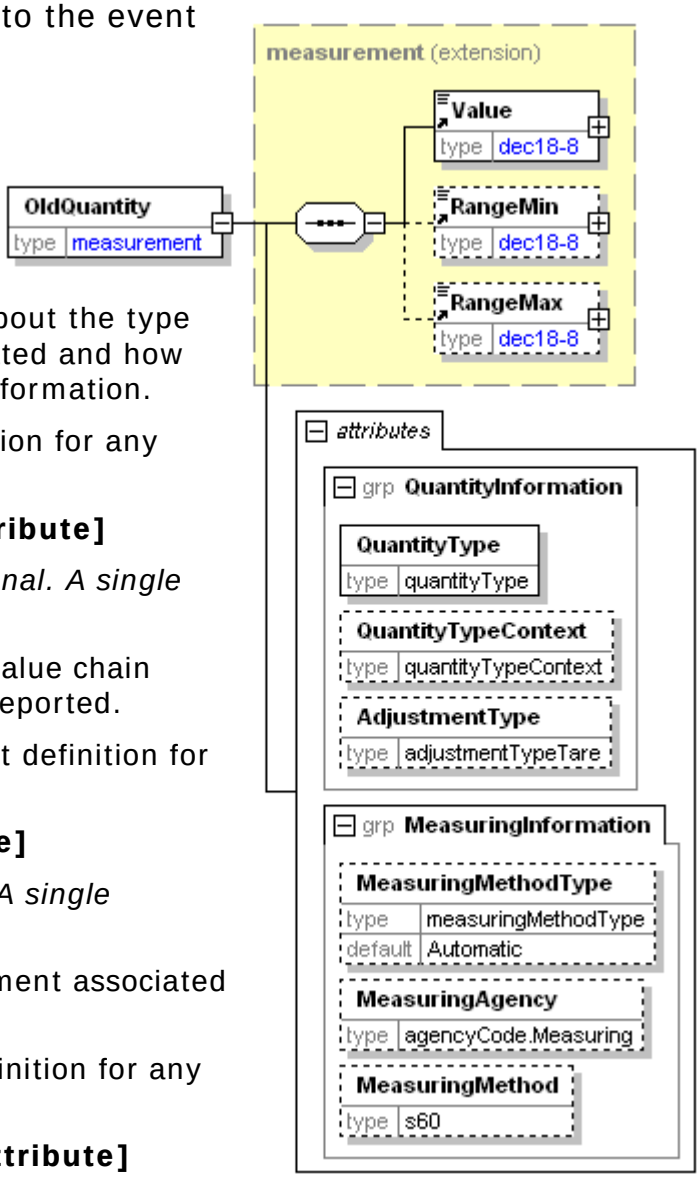
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

OldQuantity

What the Quantity was prior to the event described taking place



QuantityType [attribute]

QuantityType is mandatory. A single instance is required.

QuantityType communicates information about the type of quantity being communicated and how the receiver might use the information.

Refer to QuantityType definition for any enumerations.

QuantityTypeContext [attribute]

QuantityTypeContext is optional. A single instance might exist.

Provides the location in the value chain where the quantity is being reported.

Refer to QuantityTypeContext definition for any enumerations.

AdjustmentType [attribute]

AdjustmentType is optional. A single instance might exist.

Describes the type of adjustment associated with a quantity.

Refer to AdjustmentType definition for any enumerations.

MeasuringMethodType [attribute]

MeasuringMethodType is optional. A single

instance might exist.

Specifies how a measurement value is created.

Refer to MeasuringMethodType definition for any enumerations.

MeasuringAgency [attribute]

MeasuringAgency is optional. A single instance might exist.

The agency defining measuring methods.

Refer to MeasuringAgency definition for any enumerations.

MeasuringMethod [attribute]

MeasuringMethod is optional. A single instance might exist.

The method used to determine how the item under consideration is measured.Measuring methods are defined by the measuring agency.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

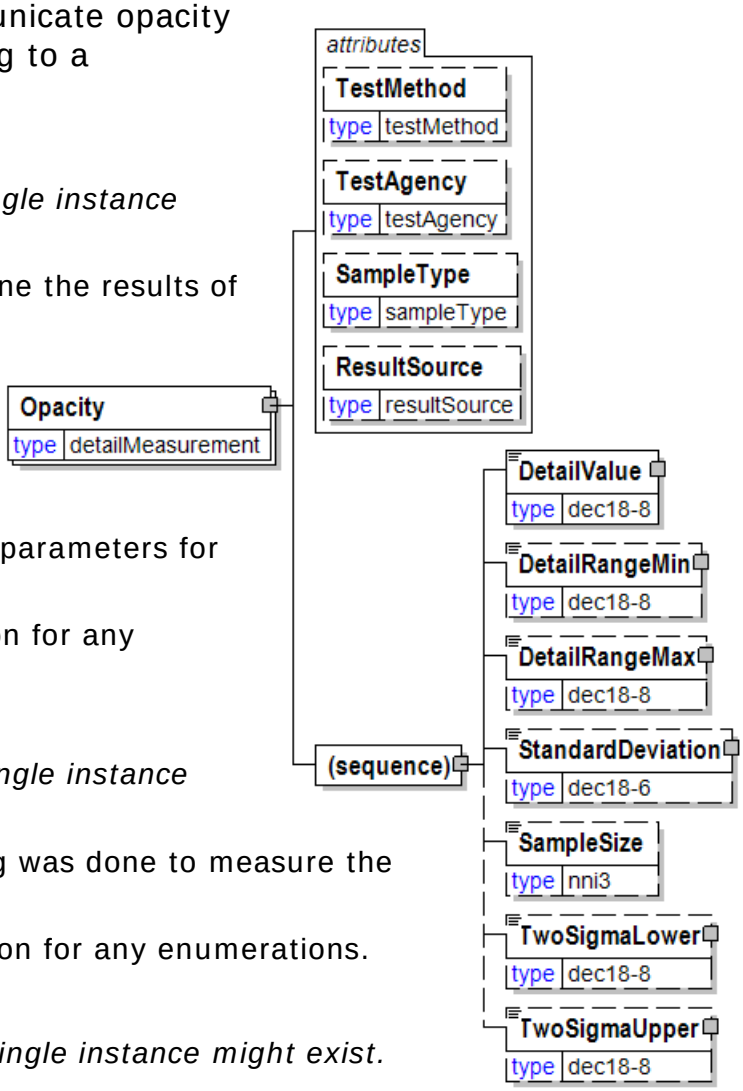
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

Opacity

A group item used to communicate opacity target or test value according to a particular TestMethod.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

TwoSigmaUpper

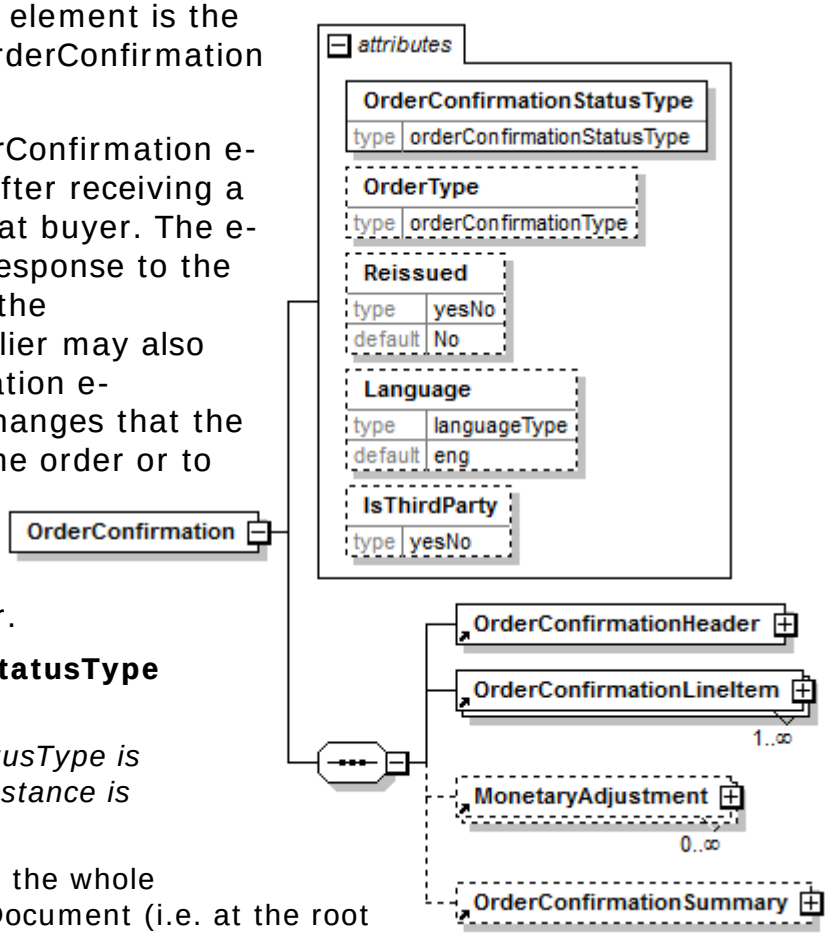
TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

OrderConfirmation

The OrderConfirmation element is the root element for the OrderConfirmation e-Document.

A seller sends an OrderConfirmation e-Document to a buyer after receiving a PurchaseOrder from that buyer. The e-Document contains a response to the conditions specified in the PurchaseOrder. A supplier may also send an OrderConfirmation e-Document to convey changes that the supplier has made in the order or to convey new information such as a Supplier Reference Number or Job Number.



OrderConfirmationStatusType [attribute]

OrderConfirmationStatusType is mandatory. A single instance is required.

Identifies the status of the whole OrderConfirmation e-Document (i.e. at the root level)

Refer to OrderConfirmationStatusType definition for any enumerations.

OrderType [attribute]

OrderType is optional. A single instance might exist.

Defines the type of OrderConfirmation being communicated.

Refer to OrderType definition for any enumerations.

Reissued [attribute]

Reissued is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Reissued definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

IsThirdParty [attribute]

IsThirdParty is optional. A single instance might exist.

Indication of an indirect business process.

Refer to IsThirdParty definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

OrderConfirmationHeader

OrderConfirmationHeader is mandatory. A single instance is required.

Information that is common to all items on the OrderConfirmation.

OrderConfirmationLineItem

OrderConfirmationLineItem is mandatory. One instance is required, multiple instances might exist.

The detail of the items that are communicated in the OrderConfirmation e-Document.

MonetaryAdjustment

MonetaryAdjustment is optional. Multiple instances might exist.

The element containing the information necessary for the understanding, calculation, and treatment of an adjustment to a currency amount. MonetaryAdjustment contains an attribute that indicates they type of adjustment being communicated.

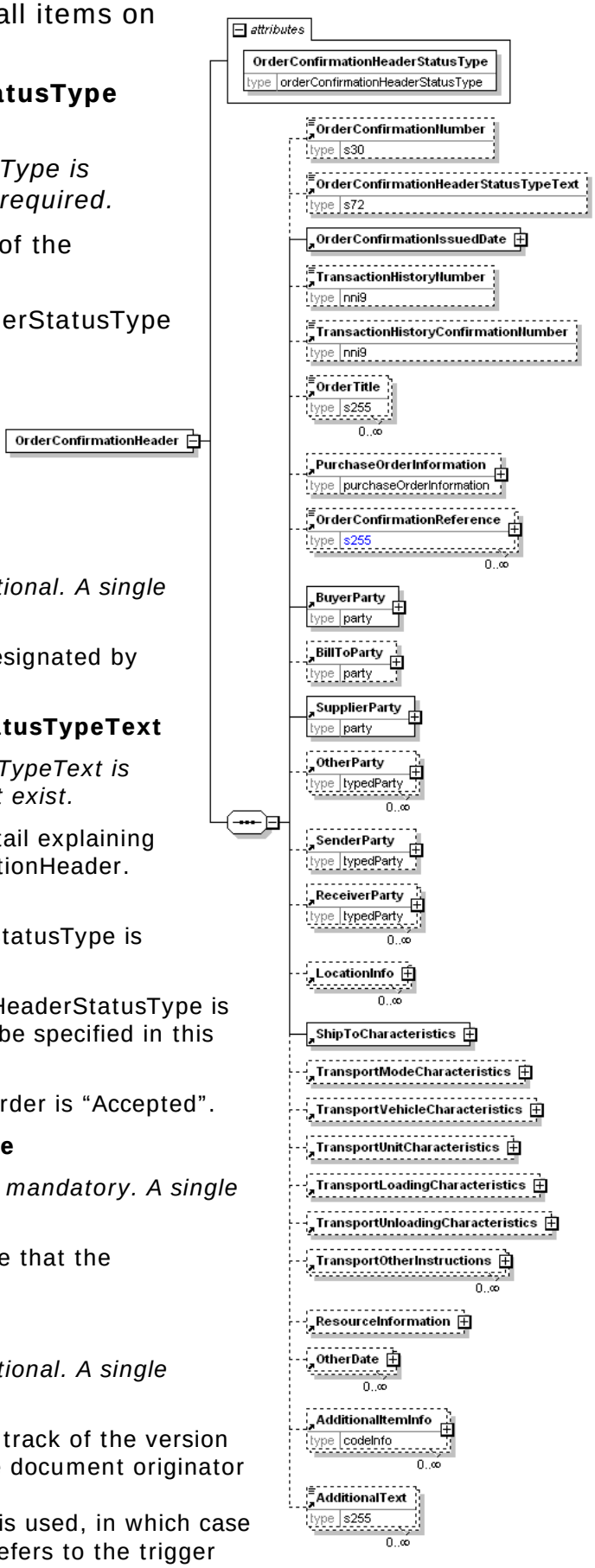
OrderConfirmationSummary

OrderConfirmationSummary is optional. A single instance might exist.

Summary information that applies to the whole OrderConfirmation e-Document.

OrderConfirmationHeader

Information that is common to all items on the OrderConfirmation.



OrderConfirmationHeaderStatusType [attribute]

OrderConfirmationHeaderStatusType is mandatory. A single instance is required.

An attribute defining the status of the OrderConfirmation header

Refer to OrderConfirmationHeaderStatusType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

OrderConfirmationNumber

OrderConfirmationNumber is optional. A single instance might exist.

The unique order identifier as designated by the seller.

OrderConfirmationHeaderStatusTypeText

OrderConfirmationHeaderStatusTypeText is optional. A single instance might exist.

A text field that may provide detail explaining the status of the OrderConfirmationHeader.

This field is required if the OrderConfirmationHeaderStatusType is “Rejected”.

When the OrderConfirmationHeaderStatusType is “Pending”, the reason can be specified in this field.

Not required if the PurchaseOrder is “Accepted”.

OrderConfirmationIssuedDate

OrderConfirmationIssuedDate is mandatory. A single instance is required.

The Date and optionally the Time that the OrderConfirmation was issued.

TransactionHistoryNumber

TransactionHistoryNumber is optional. A single instance might exist.

A sequential number that keeps track of the version of a document being sent by the document originator except in the case where TransactionHistoryConfirmation is used, in which case the TransactionHistoryNumber refers to the trigger transaction for which the confirmation is being sent.

TransactionHistoryConfirmationNumber

TransactionHistoryConfirmationNumber is optional. A single instance might exist.

A sequential number that indicates the version of the confirmation document being sent.

PurchaseOrderInformation

PurchaseOrderInformation is optional. A single instance might exist.

A group item containing information unique to this PurchaseOrder, which is provided by the buyer. PurchaseOrderInformation can be optional in the supply chain. Invoices are created without having a PurchaseOrder in Vendor Managed Inventory. Freight invoices also will not have a PurchaseOrder number.

OrderConfirmationReference

OrderConfirmationReference is optional. Multiple instances might exist.

A group item detailing relevant references pertaining to the OrderConfirmation. Typically, the ContractNumber is referenced. OrderConfirmationReferenceType provides the identification of what the reference represents.

BuyerParty

BuyerParty is mandatory. A single instance is required.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

BillToParty

BillToParty is optional. A single instance might exist.

The address where the invoice is to be sent.

SupplierParty

SupplierParty is mandatory. A single instance is required.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

SenderParty

SenderParty is optional. A single instance might exist.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is optional. Multiple instances might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the

message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

LocationInfo

LocationInfo is optional. Multiple instances might exist.

A grouping element that contains information about a geographical location.

ShipToCharacteristics

ShipToCharacteristics is mandatory. A single instance is required.

A group item that provides information important for the Ship-To Party.

ShipToCharacteristics may be referenced at both the header and line item level. The reference at the header is required and acts as a default for the value at the line level, unless overridden at the line level.

TransportModeCharacteristics

TransportModeCharacteristics is optional. A single instance might exist.

A group item defining the primary mode of transport.

TransportVehicleCharacteristics

TransportVehicleCharacteristics is optional. A single instance might exist.

A group item containing information about a transport vehicle, e.g. a truck. A transport vehicle has its own power and can be used to pull, push, carry, or tow a transport unit loaded with goods.

TransportUnitCharacteristics

TransportUnitCharacteristics is optional. A single instance might exist.

A group item containing information about a transport unit, e.g. a trailer. Transport units contain goods and move using power from another source, the transport vehicle.

TransportLoadingCharacteristics

TransportLoadingCharacteristics is optional. A single instance might exist.

A group item defining how the transported items are to be loaded.

TransportUnloadingCharacteristics

TransportUnloadingCharacteristics is optional. A single instance might exist.

A group item defining how the transported items are to be unloaded.

TransportOtherInstructions

TransportOtherInstructions is optional. Multiple instances might exist.

A group item defining any other instructions for the transport not covered in the description of transport mode, vehicle, unit, and loading characteristics or defining an alternative description for the categories mentioned above.

ResourceInformation

ResourceInformation is optional. A single instance might exist.

A group item that contains information for specification of resources.

OtherDate

OtherDate is optional. Multiple instances might exist.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

AdditionalItemInfo

AdditionalItemInfo is optional. Multiple instances might exist.

A grouping element that contains information about additional items specified by an agency. Restricted use of this element is recommended.

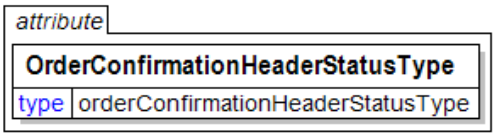
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

OrderConfirmationHeaderStatusType [attribute]

An attribute defining the status of the OrderConfirmation header



This item is restricted to the following list.

Accepted

The supplied information is accepted.

Amended

The supplied information is changed.

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

NoAction

The supplied information has not been amended and thereby requires no action.

Pending

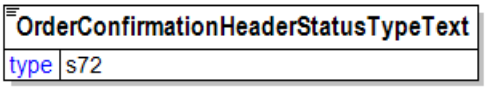
The supplied information is not complete and will be updated later.

Rejected

The supplied information is rejected.

OrderConfirmationHeaderStatusTypeText

A text field that may provide detail explaining the status of the OrderConfirmationHeader.



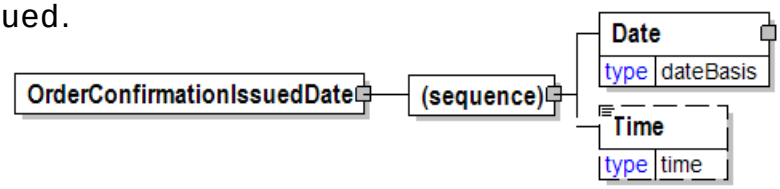
This field is required if the OrderConfirmationHeaderStatusType is “Rejected”.

When the OrderConfirmationHeaderStatusType is “Pending”, the reason can be specified in this field.

Not required if the PurchaseOrder is “Accepted”.

OrderConfirmationIssuedDate

The Date and optionally the Time that the OrderConfirmation was issued.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

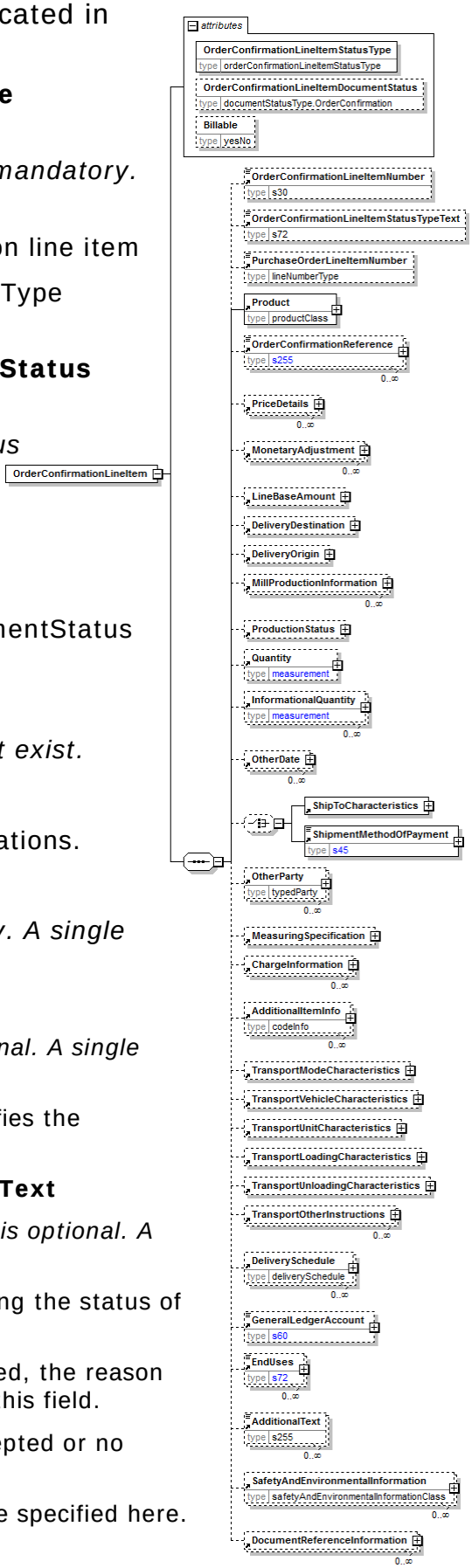
Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

OrderConfirmationLineItem

The detail of the items that are communicated in the OrderConfirmation e-Document.



OrderConfirmationLineItemStatusType [attribute]

OrderConfirmationLineItemStatusType is mandatory. A single instance is required.

Defines the status of the OrderConfirmation line item

Refer to OrderConfirmationLineItemStatusType definition for any enumerations.

OrderConfirmationLineItemDocumentStatus [attribute]

OrderConfirmationLineItemDocumentStatus is optional. A single instance might exist.

Defines the actual document status for the OrderConfirmationLineItem.

Refer to OrderConfirmationLineItemDocumentStatus definition for any enumerations.

Billable [attribute]

Billable is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Billable definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

OrderConfirmationLineItemNumber

OrderConfirmationLineItemNumber is optional. A single instance might exist.

The sequential number that uniquely identifies the OrderConfirmation line item.

OrderConfirmationLineItemStatusTypeText

OrderConfirmationLineItemStatusTypeText is optional. A single instance might exist.

A text field that may provide detail explaining the status of the OrderConfirmationLineItem.

When a PurchaseOrderLineItem is rejected, the reason for the rejection must be specified in this field.

Not required if the PurchaseOrder is accepted or no changes have been made.

If the item is pending, the reason may be specified here.

PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber is optional. A single instance might exist.

The sequential number that uniquely identifies the PurchaseOrder line item.

Product

Product is mandatory. A single instance is required.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

OrderConfirmationReference

OrderConfirmationReference is optional. Multiple instances might exist.

A group item detailing relevant references pertaining to the OrderConfirmation. Typically, the ContractNumber is referenced. OrderConfirmationReferenceType provides the identification of what the reference represents.

PriceDetails

PriceDetails is optional. Multiple instances might exist.

An element that groups together price information.

MonetaryAdjustment

MonetaryAdjustment is optional. Multiple instances might exist.

The element containing the information necessary for the understanding, calculation, and treatment of an adjustment to a currency amount. MonetaryAdjustment contains an attribute that indicates they type of adjustment being communicated.

LineBaseAmount

LineBaseAmount is optional. A single instance might exist.

For the particular e-Document being communicated the LineBaseAmount represents the quantity times the base unit price.

DeliveryDestination

DeliveryDestination is optional. A single instance might exist.

The DeliveryDestination specifies the end of one leg of the delivery. In order to comply with the US Trade Act of 2002 you would use this element with a LocationParty/@PartyType of Port.

DeliveryOrigin

DeliveryOrigin is optional. A single instance might exist.

A group item that represents the start of one leg in a route. Compare to DeliveryDestination.

The DeliveryOrigin specifies the start of one leg of the delivery.

In order to comply with the US Trade Act of 2002 you would use this element with a LocationParty/@PartyType of Port.

MillProductionInformation

MillProductionInformation is optional. Multiple instances might exist.

A grouping element that contains information about production at the mill.

ProductionStatus

ProductionStatus is optional. A single instance might exist.

A group item used to communicate the release of a delivery line number.

Quantity

Quantity is optional. A single instance might exist.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

OtherDate

OtherDate is optional. Multiple instances might exist.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

(choice)

[choice] is optional because of choice construct.

ShipToCharacteristics

ShipToCharacteristics is optional because of choice construct.

A group item that provides information important for the Ship-To Party.

ShipToCharacteristics may be referenced at both the header and line item level. The reference at the header is required and acts as a default for the value at the line level, unless overridden at the line level.

ShipmentMethodOfPayment

ShipmentMethodOfPayment is optional because of choice construct.

An element communicating responsibility of freight payment and when transfer of ownership will occur.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

MeasuringSpecification

MeasuringSpecification is optional. A single instance might exist.

A grouping element that contains a specification for measurement procedures

ChargeInformation

ChargeInformation is optional. Multiple instances might exist.

A group element that contains elements that describe a charge. ChargeInformation is used when charge details need to be specified by using a code assigned by an agency. It is typically used for freight costs and other costs related to the supply

chain.

AdditionalItemInfo

AdditionalItemInfo is optional. Multiple instances might exist.

A grouping element that contains information about additional items specified by an agency. Restricted use of this element is recommended.

TransportModeCharacteristics

TransportModeCharacteristics is optional. A single instance might exist.

A group item defining the primary mode of transport.

TransportVehicleCharacteristics

TransportVehicleCharacteristics is optional. A single instance might exist.

A group item containing information about a transport vehicle, e.g. a truck. A transport vehicle has its own power and can be used to pull, push, carry, or tow a transport unit loaded with goods.

TransportUnitCharacteristics

TransportUnitCharacteristics is optional. A single instance might exist.

A group item containing information about a transport unit, e.g. a trailer. Transport units contain goods and move using power from another source, the transport vehicle.

TransportLoadingCharacteristics

TransportLoadingCharacteristics is optional. A single instance might exist.

A group item defining how the transported items are to be loaded.

TransportUnloadingCharacteristics

TransportUnloadingCharacteristics is optional. A single instance might exist.

A group item defining how the transported items are to be unloaded.

TransportOtherInstructions

TransportOtherInstructions is optional. Multiple instances might exist.

A group item defining any other instructions for the transport not covered in the description of transport mode, vehicle, unit, and loading characteristics or defining an alternative description for the categories mentioned above.

DeliverySchedule

DeliverySchedule is optional. Multiple instances might exist.

A group item defining a series of DeliveryDateWindow(s) in which specified quantities must be delivered.

GeneralLedgerAccount

GeneralLedgerAccount is optional. A single instance might exist.

The general ledger account to be referenced for the item.

EndUses

EndUses is optional. Multiple instances might exist.

A text element used to express in human readable form a list of applicable end uses for a product. Examples of end uses are:

Magazine

Book

Commercial print

etc

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency).

DocumentReferenceInformation

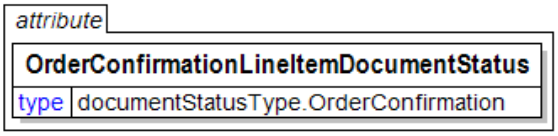
DocumentReferenceInformation is optional. Multiple instances might exist.

A group item containing reference information applicable to a document.

OrderConfirmationLineItemDocumentStatus [attribute]

Defines the actual document status for the OrderConfirmationLineItem.

This item is restricted to the following list.



Cancelled

The supplied information of the document item is cancelled. Items that have been cancelled are not included in totals on the summary level of e-Documents.

Confirmed

The supplied information of the document item is agreed. If a requested change or cancellation of an existing document item can not be accepted, then the earlier agreed information of the document item will be re-confirmed.

Pending

The supplied information of the document item is being investigated.

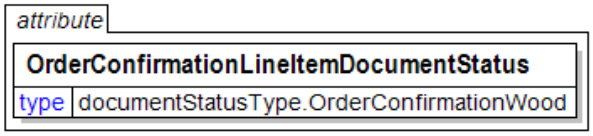
Rejected

The supplied information of the document item can not be accepted. The document item is new or not earlier confirmed.

OrderConfirmationLineItemDocumentStatus [attribute]

Defines the actual document status for the OrderConfirmationLineItem.

This item is restricted to the following list.



Cancelled

The supplied information of the document item is cancelled. Items that have been cancelled are not included in totals on the summary level of e-Documents.

Confirmed

The supplied information of the document item is agreed. If a requested change or cancellation of an existing document item can not be accepted, then the earlier agreed information of the document item will be re-confirmed.

Pending

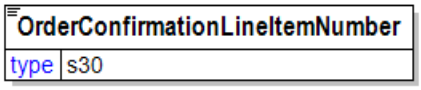
The supplied information of the document item is being investigated.

Rejected

The supplied information of the document item can not be accepted. The document item is new or not earlier confirmed.

OrderConfirmationLineItemNumber

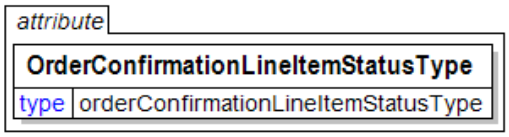
The sequential number that uniquely identifies the OrderConfirmation line item.



OrderConfirmationLineItemStatusType [attribute]

Defines the status of the OrderConfirmation line item

This item is restricted to the following list.



Accepted

The supplied information is accepted.

Amended

The supplied information is changed

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

NoAction

The supplied information has not been amended and thereby requires no action.

Pending

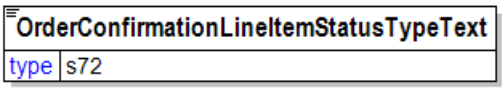
The supplied information is not complete and will be updated later.

Rejected

The supplied information is rejected.

OrderConfirmationLineItemStatusTypeText

A text field that may provide detail explaining the status of the OrderConfirmationLineItem.



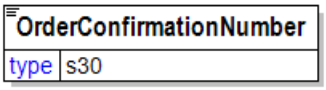
When a PurchaseOrderLineItem is rejected, the reason for the rejection must be specified in this field.

Not required if the PurchaseOrder is accepted or no changes have been made.

If the item is pending, the reason may be specified here.

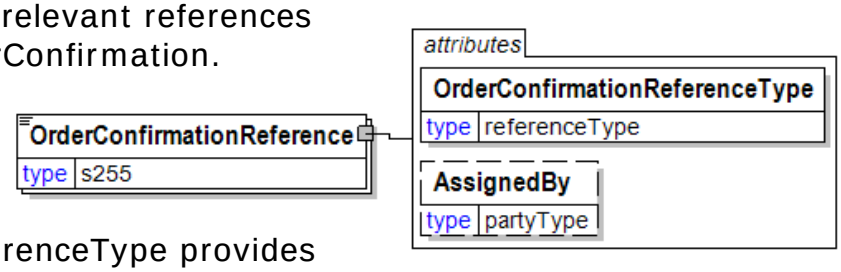
OrderConfirmationNumber

The unique order identifier as designated by the seller.



OrderConfirmationReference

A group item detailing relevant references pertaining to the OrderConfirmation. Typically, the ContractNumber is referenced.



OrderConfirmationReferenceType provides the identification of what the reference represents.

OrderConfirmationReferenceType [attribute]

OrderConfirmationReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to OrderConfirmationReferenceType definition for any enumerations.

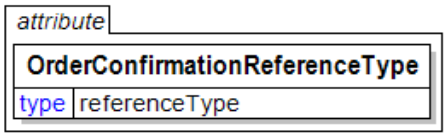
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

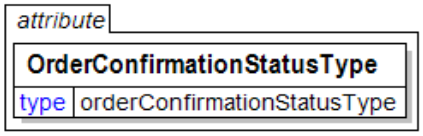
OrderConfirmationReferenceType [attribute]



Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

OrderConfirmationStatusType [attribute]



Identifies the status of the whole OrderConfirmation e-Document (i.e. at the root level)

This item is restricted to the following list.

Accepted

The supplied information is accepted.

Amended

The supplied information is changed.

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

Rejected

The supplied information is rejected.

OrderConfirmationSummary

Summary information that applies to the whole OrderConfirmation e-Document.

(sequence)

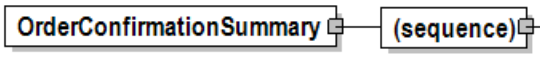
The sequence of items below is mandatory. A single instance is required.

TotalNumberOfLineItems

TotalNumberOfLineItems is optional. A single instance might exist.

The total number of individual line items in the document, regardless of the status or type.

(sequence)



The sequence of items below is optional. Multiple instances might exist.

TotalQuantity

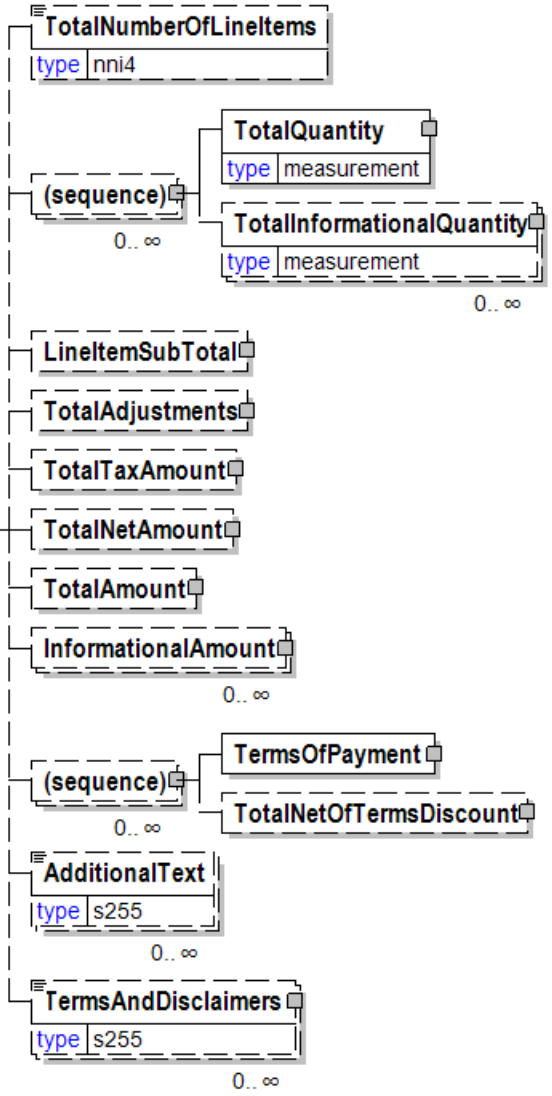
TotalQuantity is mandatory. A single instance is required.

The total quantity of similar items in the e-Document. TotalQuantity is primarily used in the summary section of documents where it is repeatable to permit totaling for different units of measure.

TotalInformationalQuantity

TotalInformationalQuantity is optional. Multiple instances might exist.

A quantity that is used to communicate related information about the parent element. This element represents a total that is derived from individual line items.



LineItemSubTotal

LineItemSubTotal is optional. A single instance might exist.

The total amount of all base amounts on e-Document line items. The base amount contains the result of the calculation quantity times the base unit price. As such it does not include any taxes. For example, in an Invoice claiming payment for products LineItemSubTotal is equal to the sum of all InvoiceLineBaseAmount.

TotalAdjustments

TotalAdjustments is optional. A single instance might exist.

The CurrencyValue of TotalAdjustments contains the total of all adjustments and charges excluding tax. For example, in the Invoice TotalAdjustments is equal to the sum of the signed values of the MonetaryAdjustmentAmount for all instances of MonetaryAdjustment with PriceAdjustment and FlatAmountAdjustment and plus the sum of the signed values of the ChargeNetAmount for all instances of

ChargeInformation.

TotalTaxAmount

TotalTaxAmount is optional. A single instance might exist.

The CurrencyValue of TotalTaxAmount contains the sum of all instances of TaxAdjustment in the document. TotalTaxAmount contains the sum of all instances of the MonetaryAdjustmentAmount for tax adjustments.

TotalNetAmount

TotalNetAmount is optional. A single instance might exist.

A field containing total amount excluding tax. For example, in the Invoice TotalNetAmount is equal to the sum of LineItemSubTotal plus TotalAdjustments. TotalNetAmount encapsulates CurrencyValue.

TotalAmount

TotalAmount is optional. A single instance might exist.

The total amount including tax (when tax is specified in the e-Document).

In e-Documents claiming payment this is the amount due for payment based on the terms of payment. Decimal rounding might be applied to this amount.

InformationalAmount

InformationalAmount is optional. Multiple instances might exist.

A monetary amount used for information purposes only (not for calculation). For example, the invoice price adjustment subtotal is expressed in sterling pounds, and the buyer wants this information expressed in U.S. dollars.

CreditDebitNote and Invoice - The TaxAmount is displayed in the currency that is applicable throughout the e-Document. When a TaxAmount needs to be displayed in a different national currency, this field is used.

(sequence)

The sequence of items below is optional. Multiple instances might exist.

TermsOfPayment

TermsOfPayment is mandatory. A single instance is required.

A group item that contains agreed-to terms defining when, how, and under what conditions the payment is to be made.

When TermsOfPayment is optional; if omitted, TermsOfPayment is controlled through previous negotiation.

TotalNetOfTermsDiscount

TotalNetOfTermsDiscount is optional. A single instance might exist.

The components of the amount to be paid if prompt payment discount terms are met, including the amount that is subject to the payment terms discount, the discount amount, and the amount due after prompt payment discount.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

TermsAndDisclaimers

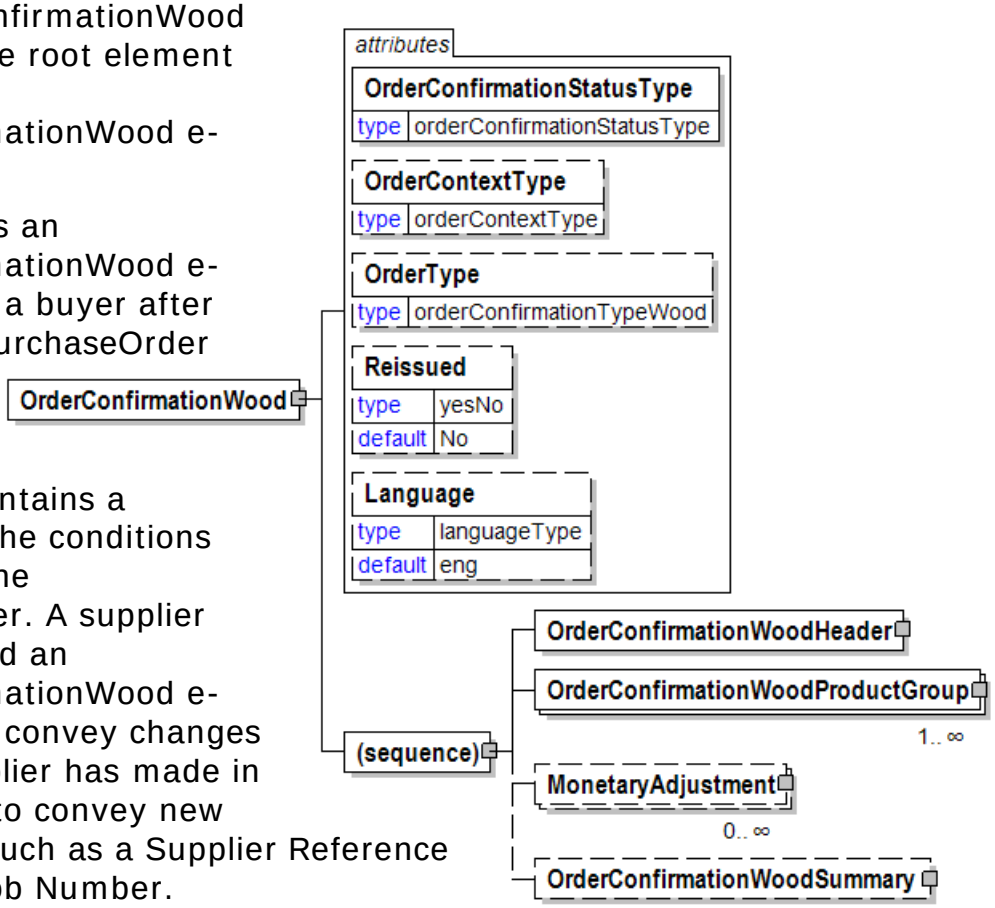
TermsAndDisclaimers is optional. Multiple instances might exist.

An element that contains legal information with an indication of what the Language is.

OrderConfirmationWood

The OrderConfirmationWood element is the root element for the OrderConfirmationWood e-Document.

A seller sends an OrderConfirmationWood e-Document to a buyer after receiving a PurchaseOrder from that buyer.
The e-Document contains a response to the conditions specified in the PurchaseOrder. A supplier may also send an OrderConfirmationWood e-Document to convey changes that the supplier has made in the order or to convey new information such as a Supplier Reference Number or Job Number.



OrderConfirmationStatusType [attribute]

OrderConfirmationStatusType is mandatory. A single instance is required.

Identifies the status of the whole OrderConfirmation e-Document (i.e. at the root level)

Refer to OrderConfirmationStatusType definition for any enumerations.

OrderContextType [attribute]

OrderContextType is optional. A single instance might exist.

Qualifies the source of the PurchaseOrder.

Refer to OrderContextType definition for any enumerations.

OrderType [attribute]

OrderType is optional. A single instance might exist.

Defines the type of OrderConfirmationWood being communicated.

Refer to OrderType definition for any enumerations.

Reissued [attribute]

Reissued is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Reissued definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

OrderConfirmationWoodHeader

OrderConfirmationWoodHeader is mandatory. A single instance is required.

OrderConfirmationWoodHeader contains information that is consistent across the entire document.

OrderConfirmationWoodProductGroup

OrderConfirmationWoodProductGroup is mandatory. One instance is required, multiple instances might exist.

Group element used to potentially group like products together. Construct consists of a product group id, line items, and a product grouping summary.

MonetaryAdjustment

MonetaryAdjustment is optional. Multiple instances might exist.

The element containing the information necessary for the understanding, calculation, and treatment of an adjustment to a currency amount. MonetaryAdjustment contains an attribute that indicates they type of adjustment being communicated.

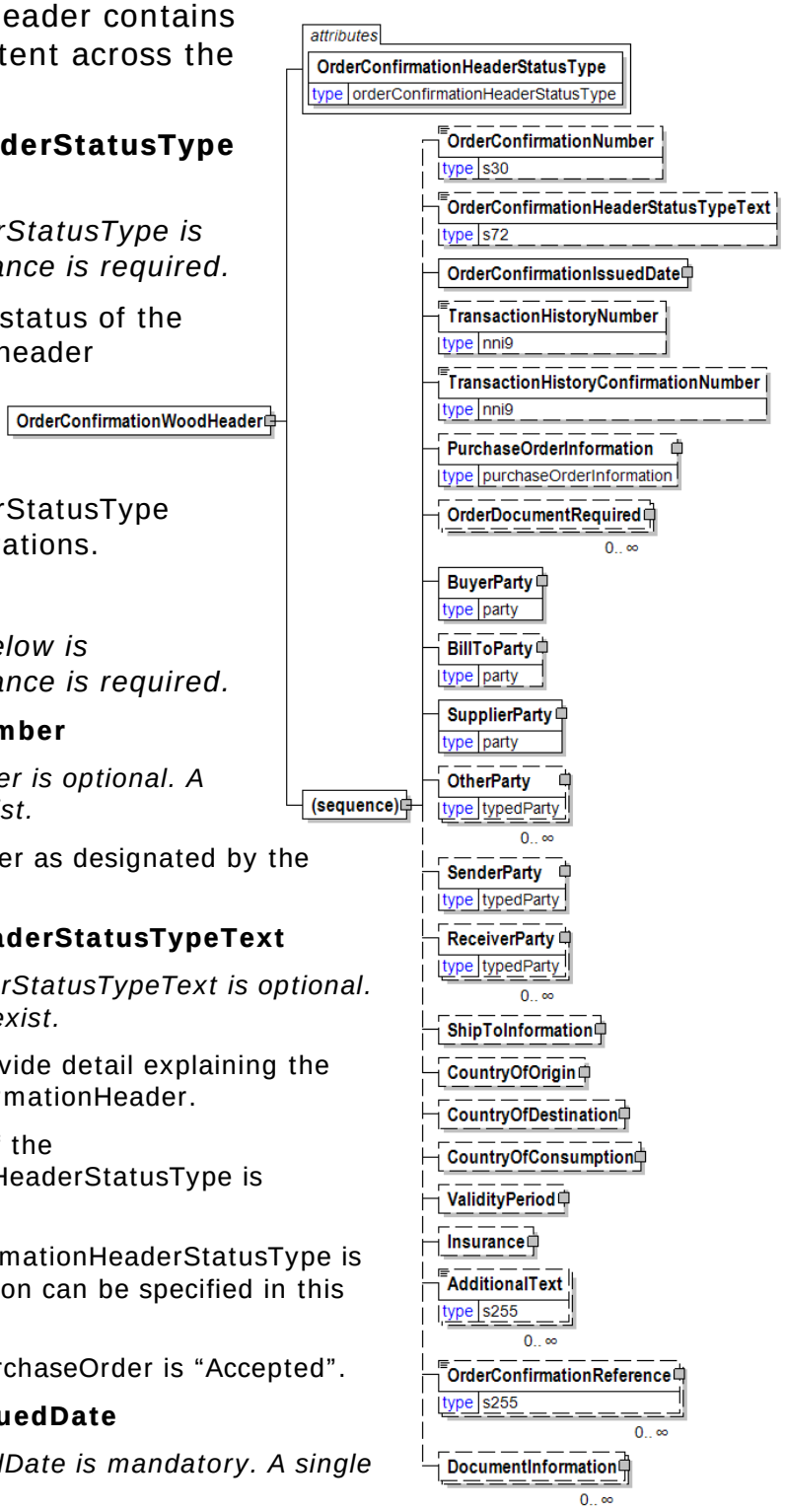
OrderConfirmationWoodSummary

OrderConfirmationWoodSummary is optional. A single instance might exist.

Summary information that applies to the Wood market segment OrderConfirmationWood e-Document.

OrderConfirmationWoodHeader

OrderConfirmationWoodHeader contains information that is consistent across the entire document.



OrderConfirmationHeaderStatusType [attribute]

OrderConfirmationHeaderStatusType is mandatory. A single instance is required.

An attribute defining the status of the OrderConfirmationWood header

Refer to OrderConfirmationHeaderStatusType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

OrderConfirmationNumber

OrderConfirmationNumber is optional. A single instance might exist.

The unique order identifier as designated by the seller.

OrderConfirmationHeaderStatusTypeText

OrderConfirmationHeaderStatusTypeText is optional. A single instance might exist.

A text field that may provide detail explaining the status of the OrderConfirmationHeader.

This field is required if the OrderConfirmationHeaderStatusType is “Rejected”.

When the OrderConfirmationHeaderStatusType is “Pending”, the reason can be specified in this field.

Not required if the PurchaseOrder is “Accepted”.

OrderConfirmationIssuedDate

OrderConfirmationIssuedDate is mandatory. A single instance is required.

The Date and optionally the Time that the OrderConfirmation was issued.

TransactionHistoryNumber

TransactionHistoryNumber is optional. A single instance might exist.

A sequential number that keeps track of the version of a document being sent by the document originator except in the case where TransactionHistoryConfirmation is used, in which case the TransactionHistoryNumber refers to the trigger

transaction for which the confirmation is being sent.

TransactionHistoryConfirmationNumber

TransactionHistoryConfirmationNumber is optional. A single instance might exist.

A sequential number that indicates the version of the confirmation document being sent.

PurchaseOrderInformation

PurchaseOrderInformation is optional. A single instance might exist.

A group item containing information unique to this PurchaseOrder, which is provided by the buyer. PurchaseOrderInformation can be optional in the supply chain. Invoices are created without having a PurchaseOrder in Vendor Managed Inventory. Freight invoices also will not have a PurchaseOrder number.

OrderDocumentRequired

OrderDocumentRequired is optional. Multiple instances might exist.

Group element used to identify any external documents that need to be referenced and how many of those documents are required. Typically, used to identify hard copy documents.

This element will be deprecated in the next version of papiNet. Use the DocumentInformation element instead.

BuyerParty

BuyerParty is mandatory. A single instance is required.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

BillToParty

BillToParty is optional. A single instance might exist.

The address where the invoice is to be sent.

SupplierParty

SupplierParty is mandatory. A single instance is required.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

SenderParty

SenderParty is optional. A single instance might exist.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is optional. Multiple instances might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

ShipToInformation

ShipToInformation is optional. A single instance might exist.

Group element containing information about the ship to and delivery of a product.

CountryOfOrigin

CountryOfOrigin is optional. A single instance might exist.

The country of origin for the material.

CountryOfDestination

CountryOfDestination is optional. A single instance might exist.

The country where the goods will be, or were, shipped to.

CountryOfConsumption

CountryOfConsumption is optional. A single instance might exist.

The country of consumption for the material.

ValidityPeriod

ValidityPeriod is optional. A single instance might exist.

The validity period for a specific item, e.g. the validity period for an e-Document.

Insurance

Insurance is optional. A single instance might exist.

Group element containing information about insurance

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

OrderConfirmationReference

OrderConfirmationReference is optional. Multiple instances might exist.

A group item detailing relevant references pertaining to the OrderConfirmation. Typically, the ContractNumber is referenced. OrderConfirmationReferenceType provides the identification of what the reference represents.

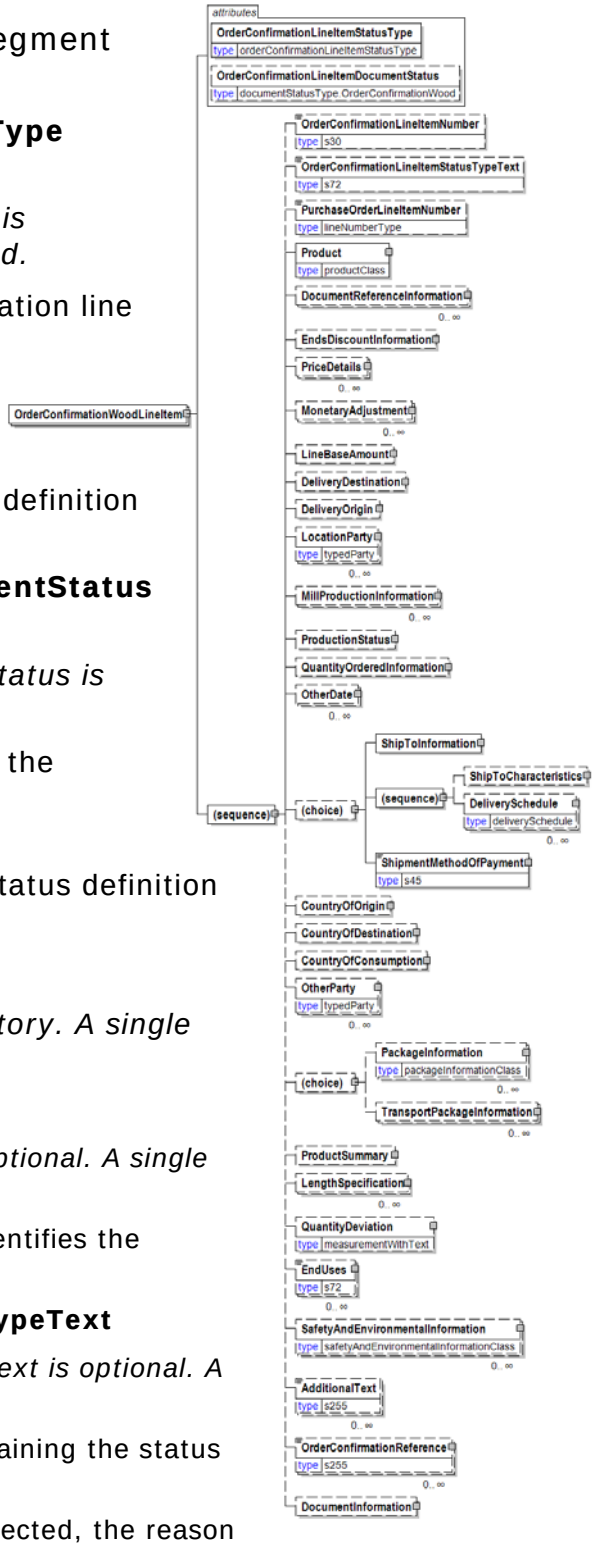
DocumentInformation

DocumentInformation is optional. Multiple instances might exist.

A group element containing a specification of required documents in the business process. Additional free text to be printed on documents can also be specified.

OrderConfirmationWoodLineItem

The details of the line items that are communicated on the Wood market segment OrderConfirmationWood.



OrderConfirmationLineItemStatusType [attribute]

OrderConfirmationLineItemStatusType is mandatory. A single instance is required.

Defines the status of the OrderConfirmation line item

Refer to

OrderConfirmationLineItemStatusType definition for any enumerations.

OrderConfirmationLineItemDocumentStatus [attribute]

OrderConfirmationLineItemDocumentStatus is optional. A single instance might exist.

Defines the actual document status for the OrderConfirmationLineItem.

Refer to OrderConfirmationLineItemDocumentStatus definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

OrderConfirmationLineItemNumber

OrderConfirmationLineItemNumber is optional. A single instance might exist.

The sequential number that uniquely identifies the OrderConfirmation line item.

OrderConfirmationLineItemStatusTypeText

OrderConfirmationLineItemStatusTypeText is optional. A single instance might exist.

A text field that may provide detail explaining the status of the OrderConfirmationLineItem.

When a PurchaseOrderLineItem is rejected, the reason for the rejection must be specified in this field.

Not required if the PurchaseOrder is accepted or no changes have been made.

If the item is pending, the reason may be specified here.

PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber is optional. A single instance might exist.

The sequential number that uniquely identifies the PurchaseOrder line item.

Product

Product is mandatory. A single instance is required.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

DocumentReferenceInformation

DocumentReferenceInformation is optional. Multiple instances might exist.

A group item containing reference information applicable to a document.

EndsDiscountInformation

EndsDiscountInformation is optional. A single instance might exist.

Rule for calculating the ends discount, expressed by a code.

PriceDetails

PriceDetails is optional. Multiple instances might exist.

An element that groups together price information.

MonetaryAdjustment

MonetaryAdjustment is optional. Multiple instances might exist.

The element containing the information necessary for the understanding, calculation, and treatment of an adjustment to a currency amount. MonetaryAdjustment contains an attribute that indicates they type of adjustment being communicated.

LineBaseAmount

LineBaseAmount is optional. A single instance might exist.

For the particular e-Document being communicated the LineBaseAmount represents the quantity times the base unit price.

DeliveryDestination

DeliveryDestination is optional. A single instance might exist.

The DeliveryDestination specifies the end of one leg of the delivery. In order to comply with the US Trade Act of 2002 you would use this element with a LocationParty/@PartyType of Port.

DeliveryOrigin

DeliveryOrigin is optional. A single instance might exist.

A group item that represents the start of one leg in a route. Compare to DeliveryDestination.

The DeliveryOrigin specifies the start of one leg of the delivery.

In order to comply with the US Trade Act of 2002 you would use this element with a LocationParty/@PartyType of Port.

LocationParty

LocationParty is optional. Multiple instances might exist.

The organization or business entity where the business event took place or will take place.

MillProductionInformation

MillProductionInformation is optional. Multiple instances might exist.

A grouping element that contains information about production at the mill.

ProductionStatus

ProductionStatus is optional. A single instance might exist.

A group item used to communicate the release of a delivery line number.

QuantityOrderedInformation

QuantityOrderedInformation is optional. A single instance might exist.

Used to identify quantity. The construct provides via InformationalQuantity the ability to provide the Quantity in another UOM. Length is also provided to further specify the quantity.

OtherDate

OtherDate is optional. Multiple instances might exist.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

(choice)

[choice] is optional because of choice construct.

ShipToInformation

ShipToInformation is optional because of choice construct.

Group element containing information about the ship to and delivery of a product.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ShipToCharacteristics

ShipToCharacteristics is optional. A single instance might exist.

A group item that provides information important for the Ship-To Party.

ShipToCharacteristics may be referenced at both the header and line item level. The reference at the header is required and acts as a default for the value at the line level, unless overridden at the line level.

DeliverySchedule

DeliverySchedule is optional. Multiple instances might exist.

A group item defining a series of DeliveryDateWindow(s) in which specified quantities must be delivered.

ShipmentMethodOfPayment

ShipmentMethodOfPayment is optional because of choice construct.

An element communicating responsibility of freight payment and when transfer of ownership will occur.

CountryOfOrigin

CountryOfOrigin is optional. A single instance might exist.

The country of origin for the material.

CountryOfDestination

CountryOfDestination is optional. A single instance might exist.

The country where the goods will be, or were, shipped to.

CountryOfConsumption

CountryOfConsumption is optional. A single instance might exist.

The country of consumption for the material.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

(choice)

[choice] is optional because of choice construct.

PackageInformation

PackageInformation is optional because of choice construct.

The purpose of the PackageInformation structure is to clearly identify physical handling items that constitute the delivery.

PackageInformation is the highest level of product packaging it describes the shipping or warehousing unit.

If you are communicating a package, usually for logistics or transport purposes, you should include the PackageType, Identifier, ItemCount, and Quantity. (Note: you still have the ability to describe the item with one of the “named” items.)

If you are communicating one of the named Items there is no need to include PackageType, Identifier, ItemCount, and Quantity.

Since either of these two approaches can be used the entie contents of this element are optional even though the parent may be required. It is expected that you will fill in the appropriate details.

TransportPackageInformation

TransportPackageInformation is optional because of choice construct.

Information of a package used in transportation, can include several normal packages.

ProductSummary

ProductSummary is optional. A single instance might exist.

Group of elements to provide summary information on product level.

LengthSpecification

LengthSpecification is optional. Multiple instances might exist.

Length specification of the wood product.

QuantityDeviation

QuantityDeviation is optional. A single instance might exist.

To be deprecated in a future version. Use the Quantity element with a QuantityContext of "Deviation".

EndUses

EndUses is optional. Multiple instances might exist.

A text element used to express in human readable form a list of applicable end uses for a product. Examples of end uses are:

Magazine

Book

Commercial print

etc

SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency).

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

OrderConfirmationReference

OrderConfirmationReference is optional. Multiple instances might exist.

A group item detailing relevant references pertaining to the OrderConfirmation. Typically, the ContractNumber is referenced. OrderConfirmationReferenceType provides the identification of what the reference represents.

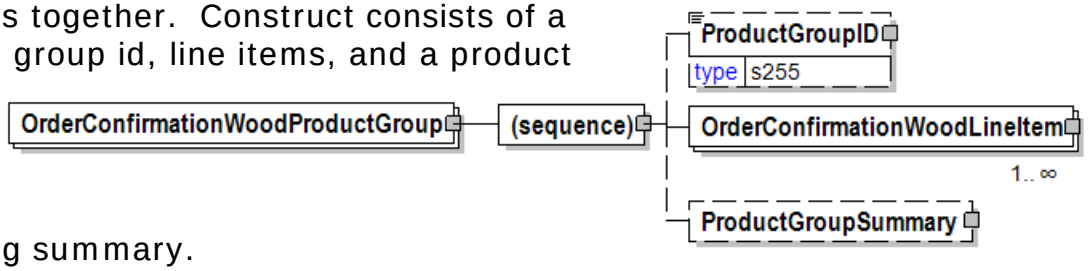
DocumentInformation

DocumentInformation is optional. A single instance might exist.

A group element containing a specification of required documents in the business process. Additional free text to be printed on documents can also be specified.

OrderConfirmationWoodProductGroup

Group element used to potentially group like products together. Construct consists of a product group id, line items, and a product grouping summary.



(sequence)

The sequence of items below is mandatory. A single instance is required.

ProductGroupID

ProductGroupID is optional. A single instance might exist.

Possibility to group packages or Shipments. Example: Creating temporary group ID's for logistic reasons or lot number.

OrderConfirmationWoodLineItem

OrderConfirmationWoodLineItem is mandatory. One instance is required, multiple instances might exist.

The details of the line items that are communicated on the Wood market segment OrderConfirmationWood.

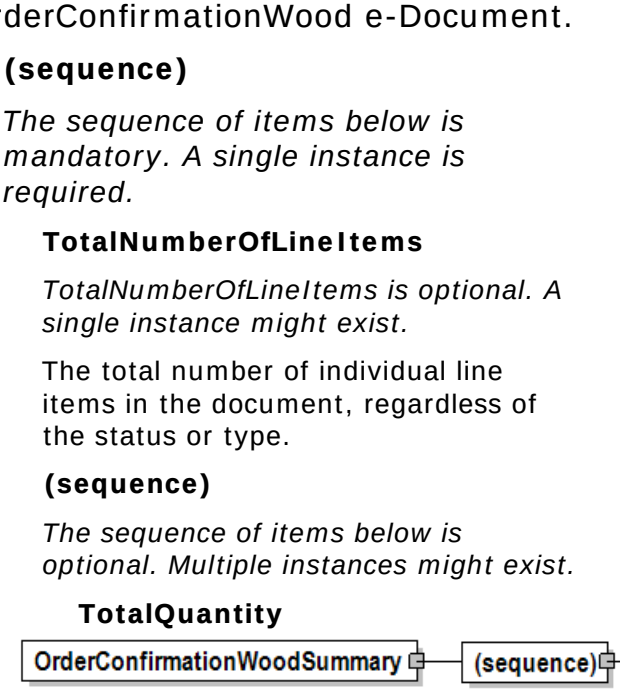
ProductGroupSummary

ProductGroupSummary is optional. A single instance might exist.

Group of elements to provide summary information on product level.

OrderConfirmationWoodSummary

Summary information that applies to the Wood market segment OrderConfirmationWood e-Document.



(sequence)

The sequence of items below is mandatory. A single instance is required.

TotalNumberOfLineItems

TotalNumberOfLineItems is optional. A single instance might exist.

The total number of individual line items in the document, regardless of the status or type.

(sequence)

The sequence of items below is optional. Multiple instances might exist.

TotalQuantity

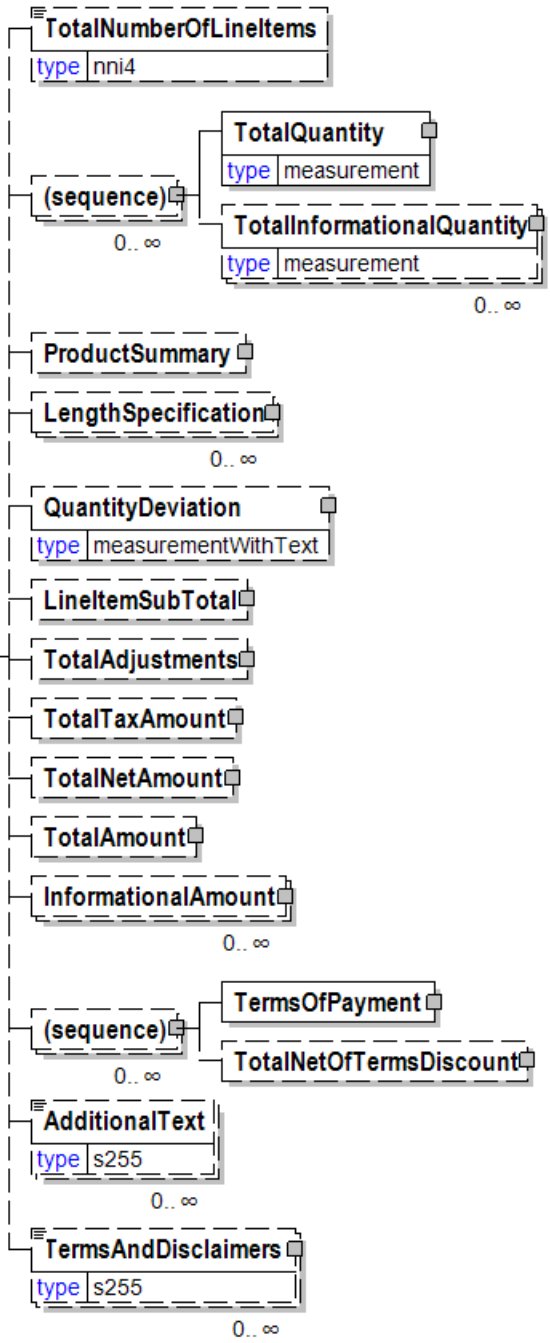
TotalQuantity is mandatory. A single instance is required.

The total quantity of similar items in the e-Document. TotalQuantity is primarily used in the summary section of documents where it is repeatable to permit totaling for different units of measure.

TotalInformationalQuantity

TotalInformationalQuantity is optional. Multiple instances might exist.

A quantity that is used to communicate related information about the parent element. This element represents a total that is derived from individual line items.



ProductSummary

ProductSummary is optional. A single instance might exist.

Group of elements to provide summary information on product level.

LengthSpecification

LengthSpecification is optional. Multiple instances might exist.

Length specification of the wood product.

QuantityDeviation

QuantityDeviation is optional. A single instance might exist.

To be deprecated in a future version. Use the Quantity element with a QuantityContext of "Deviation".

LineItemSubTotal

LineItemSubTotal is optional. A single instance might exist.

The total amount of all base amounts on e-Document line items. The base amount contains the result of the calculation quantity times the base unit price. As such it does not include any taxes. For example, in an Invoice claiming payment for products LineItemSubTotal is equal to the sum of all InvoiceLineBaseAmount.

TotalAdjustments

TotalAdjustments is optional. A single instance might exist.

The CurrencyValue of TotalAdjustments contains the total of all adjustments and charges excluding tax. For example, in the Invoice TotalAdjustments is equal to the sum of the signed values of the MonetaryAdjustmentAmount for all instances of MonetaryAdjustment with PriceAdjustment and FlatAmountAdjustment and plus the sum of the signed values of the ChargeNetAmount for all instances of ChargeInformation.

TotalTaxAmount

TotalTaxAmount is optional. A single instance might exist.

The CurrencyValue of TotalTaxAmount contains the sum of all instances of TaxAdjustment in the document. TotalTaxAmount contains the sum of all instances of the MonetaryAdjustmentAmount for tax adjustments.

TotalNetAmount

TotalNetAmount is optional. A single instance might exist.

A field containing total amount excluding tax. For example, in the Invoice TotalNetAmount is equal to the sum of LineItemSubTotal plus TotalAdjustments. TotalNetAmount encapsulates CurrencyValue.

TotalAmount

TotalAmount is optional. A single instance might exist.

The total amount including tax (when tax is specified in the e-Document).

In e-Documents claiming payment this is the amount due for payment based on the terms of payment. Decimal rounding might be applied to this amount.

InformationalAmount

InformationalAmount is optional. Multiple instances might exist.

A monetary amount used for information purposes only (not for calculation). For example, the invoice price adjustment subtotal is expressed in sterling pounds, and the buyer wants this information expressed in U.S. dollars.

CreditDebitNote and Invoice - The TaxAmount is displayed in the currency that is applicable throughout the e-Document. When a TaxAmount needs to be displayed in a different national currency, this field is used.

(sequence)

The sequence of items below is optional. Multiple instances might exist.

TermsOfPayment

TermsOfPayment is mandatory. A single instance is required.

A group item that contains agreed-to terms defining when, how, and under what conditions the payment is to be made.

When TermsOfPayment is optional; if omitted, TermsOfPayment is controlled through previous negotiation.

TotalNetOfTermsDiscount

TotalNetOfTermsDiscount is optional. A single instance might exist.

The components of the amount to be paid if prompt payment discount terms are met, including the amount that is subject to the payment terms discount, the discount amount, and the amount due after prompt payment discount.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

TermsAndDisclaimers

TermsAndDisclaimers is optional. Multiple instances might exist.

An element that contains legal information with an indication of what the Language is.

OrderContextType [attribute]

Qualifies the source of the PurchaseOrder.



This item is restricted to the following list.

PurchaseOrder

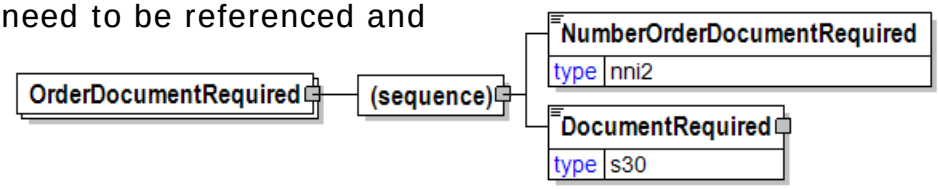
The source is the buyer.

SalesOrder

The source is the supplier.

OrderDocumentRequired

Group element used to identify any external documents that need to be referenced and how many of those documents are required. Typically, used to identify hard copy documents.



This element will be deprecated in the next version of papiNet. Use the DocumentInformation element instead.

(sequence)

The sequence of items below is mandatory. A single instance is required.

NumberOrderDocumentRequired

NumberOrderDocumentRequired is mandatory. A single instance is required.

There are certain business cases whereby a party is required to reference external documents to the transaction. Additionally, in these cases, the party is required to communicate the number of these external documents. This element is used to indicate how many of these external documents will be required. Typically used to indicate how many hard copies of the referenced document are needed.

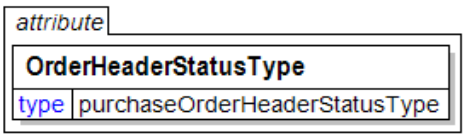
DocumentRequired

DocumentRequired is mandatory. A single instance is required.

An element that permits the listing of the documents required.

OrderHeaderStatusType [attribute]

Defines the status of the PurchaseOrder header



This item is restricted to the following list.

Amended

The supplied information is changed.

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

New

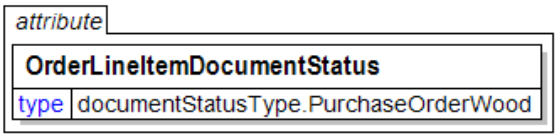
The supplied information is new and supplied for the first time.

NoAction

The supplied information has not been amended and thereby requires no action.

OrderLineItemDocumentStatus [attribute]

Defines the actual document status for the PurchaseOrderLineItem.



This item is restricted to the following list.

Cancelled

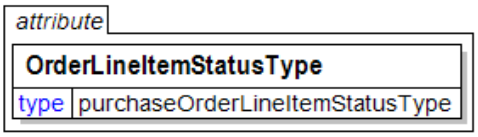
The supplied information of the document item is cancelled. Items that have been cancelled are not included in totals on the summary level of e-Documents.

Requested

The supplied information of the document item is ordered.

OrderLineItemStatusType [attribute]

Defines the status of the PurchaseOrder line item



This item is restricted to the following list.

Amended

The supplied information is changed.

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

New

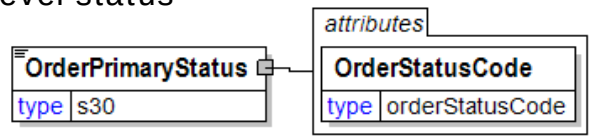
The supplied information is new and supplied for the first time.

NoAction

The supplied information has not been amended and thereby requires no action.

OrderPrimaryStatus

An element that contains the highest level status code pertaining to an entire order.



OrderStatusCode [attribute]

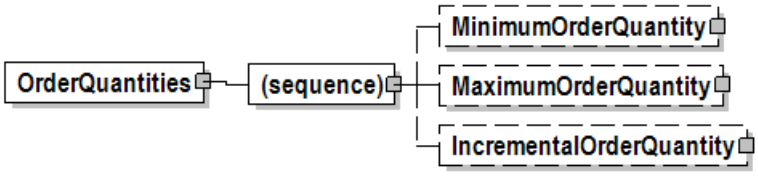
OrderStatusCode is mandatory. A single instance is required.

This attribute communicates the overall status of the order.

Refer to OrderStatusCode definition for any enumerations.

OrderQuantities

An element that contains the quantities that can be used for ordering.



(sequence)

The sequence of items below is mandatory. A single instance is required.

MinimumOrderQuantity

MinimumOrderQuantity is optional. A single instance might exist.

The minimum amount that can be ordered on a PurchaseOrder.

MaximumOrderQuantity

MaximumOrderQuantity is optional. A single instance might exist.

The maximum amount that can be ordered at one time.

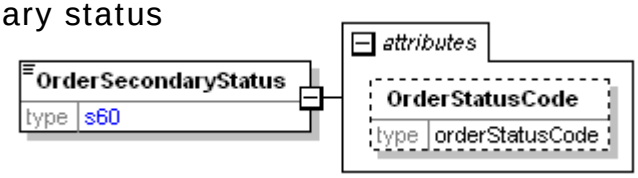
IncrementalOrderQuantity

IncrementalOrderQuantity is optional. A single instance might exist.

An incremental quantity and units of measure that is added to MinimumOrderQuantity to arrive at an order quantity.

OrderSecondaryStatus

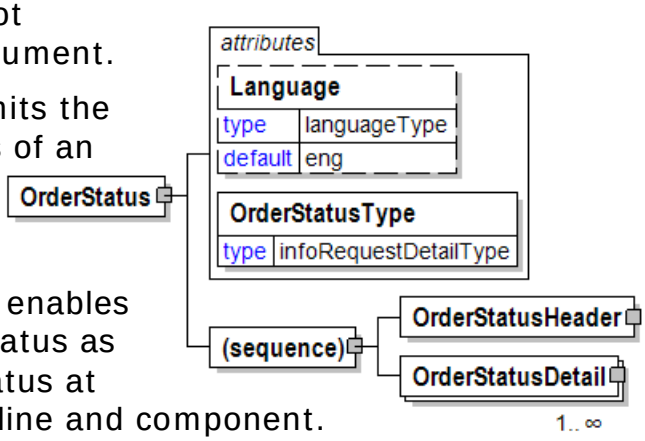
An element that contains a secondary status description pertaining to the entire order.



OrderStatus

The OrderStatus element is the root element for the OrderStatus e-Document.

The OrderStatus e-Document permits the sender to report the current status of an order, specific order line items, or to report status of multiple orders based upon some specified criteria. The e-Document enables the sender to indicate a primary status as well as an additional secondary status at the order level as well as for each line and component.



Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

OrderStatusType [attribute]

OrderStatusType is mandatory. A single instance is required.

Communicates the method in which the OrderStatus has been, or should be, summarized.

Refer to OrderStatusType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

OrderStatusHeader

OrderStatusHeader is mandatory. A single instance is required.

Information that applies to the entire OrderStatus e-Document.

OrderStatusDetail

OrderStatusDetail is mandatory. One instance is required, multiple instances might exist.

The specifics of the information being communicated in the OrderStatus e-Document.

OrderStatusCode [attribute]

This attribute communicates the overall status of the order.



This item is restricted to the following list.

ActiveFree

The PO, order, or line item has been accepted or confirmed by the supplier. It may not have been manufactured, packed, or shipped yet. It is free for production. This status is also known as open status.

ActiveHold

The PO, order, or line item has been accepted or confirmed by the supplier. It may not have been manufactured, packed, or shipped yet. It is not free for production. Examples of this status include a reserved order or line item, the print time has not been determined, other payment terms not completed, or the last date for change has not been received.

Cancelled

The PO, order, or line item has a cancelled status in the supplier's system. It will not be manufactured nor shipped.

Complete

The PO, order, or line item has a complete status in the supplier's system. It has been packed, shipped, and invoiced successfully.

Delayed

An unexpected event has caused a delay.

FinalPlanning

The order is undergoing the final planning process.

Invoiced

The PO, order, or line item has an invoiced status in the supplier's system. It has been billed to the customer for payment purposes.

Loaded

The PO, order, or line item has a loaded status in the supplier's system. It has been loaded onto a transport vehicle shipping purposes.

NotReceived

Not received by either the buyer or seller.

OrderLineConfirmed

The order line has been confirmed.

Packed

The PO, order, or line item has a packed status in the supplier's system. It has been packaged or staged for loading and shipping purposes.

PartiallyShipped

The PO, order, or line item has a partially shipped status in the supplier's system. Part of the quantity requested has been shipped to the customer but

part of the request still remains to be shipped.

Pending

The PO, order, or line item has a pending status in the supplier's system. It has not yet been confirmed, accepted, nor rejected by the suppler. This status indicates that the suppler requires more time to determine acceptance.

Planned

The PO, order, or line item has a planned or scheduled status in the supplier's system. It has not yet begun the manufacturing process.

ProductionComplete

The PO, order, or line item has completed the manufacture process by the supplier.

ProductionPlanned

Production has been planned for the order.

ProductionStarted

The PO, order, or line item has begun to be manufactured by the supplier.

Received

The material has arrived at the destination and has been processed by that location.

ReservedInProductionPlanningSystem

Material and capacity is available for production.

Scheduled

The order has been scheduled.

ShipmentComplete

The order has been fully shipped.

ShipmentPlanned

Shipment has been planned for the order

Shuttled

Material has been moved.

Staged

Material has been positioned for production.

Transferred

The manufacturing order has been moved.

TransferredToMillSystem

The order has been loaded onto the mill manufacturing system.

Unscheduled

The order has not yet been scheduled.

Unshipped

The PO, order, or line item is in the supplier's mill or warehouse but has yet to be shipped.

OrderStatusDetail

The specifics of the information being communicated in the OrderStatus e-Document.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PurchaseOrderInformation

PurchaseOrderInformation is mandatory. A single instance is required.

A group item containing information unique to this PurchaseOrder, which is provided by the buyer. PurchaseOrderInformation can be optional in the supply chain. Invoices are created without having a PurchaseOrder in Vendor Managed Inventory. Freight invoices also will not have a PurchaseOrder number.

PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber is mandatory. A single instance is required.

The sequential number that uniquely identifies the PurchaseOrder line item.

(sequence)

The sequence of items below is optional. Multiple instances might exist.

SupplierOrderNumber

SupplierOrderNumber is mandatory. A single instance is required.

The number of the supplier order.

SupplierOrderLineItemNumber

SupplierOrderLineItemNumber is optional. A single instance might exist.

The number of the line item on the supplier order.

LocationParty

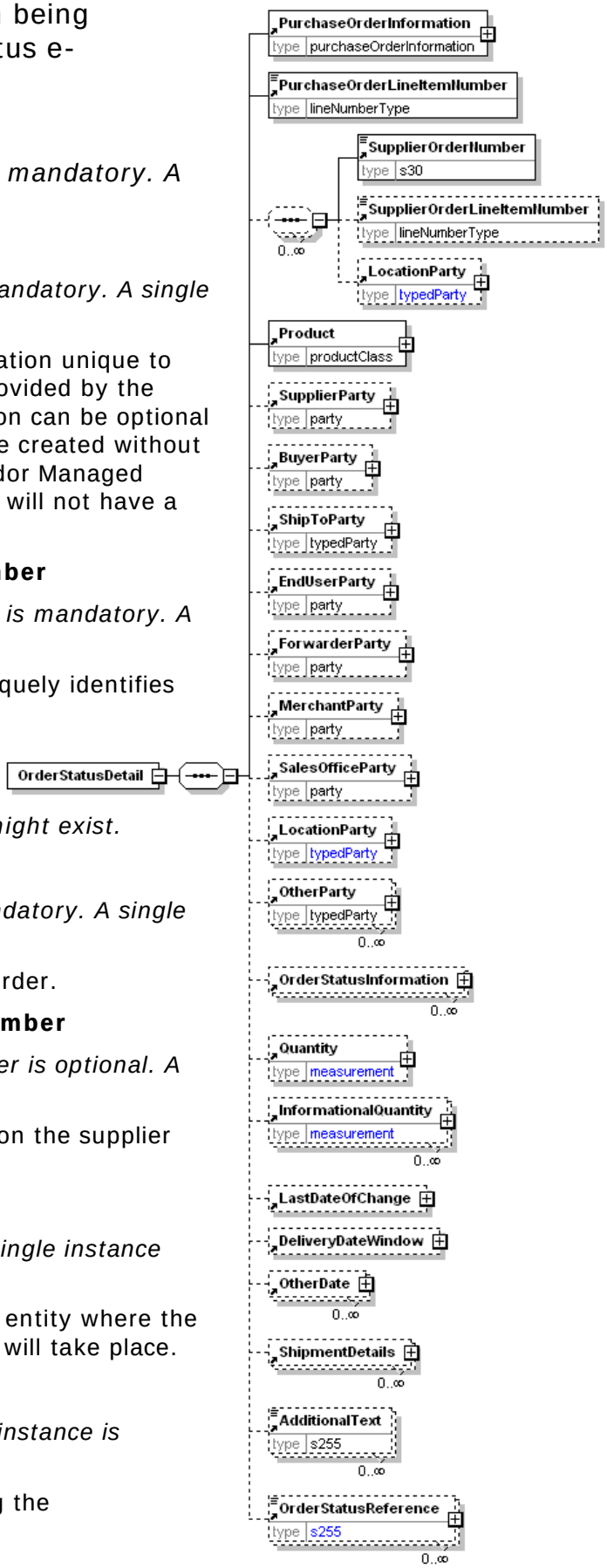
LocationParty is optional. A single instance might exist.

The organization or business entity where the business event took place or will take place.

Product

Product is mandatory. A single instance is required.

Product is a group item defining the article and its characteristics. Product is used to specify



product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

SupplierParty

SupplierParty is optional. A single instance might exist.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

BuyerParty

BuyerParty is optional. A single instance might exist.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

ShipToParty

ShipToParty is optional. A single instance might exist.

The name and/or address to which the goods should be delivered with the party type indicated by the PartyType attribute.

EndUserParty

EndUserParty is optional. A single instance might exist.

The party using, consuming, or converting the product. For example, a printer using paper reels for a print job for a publisher. The final ShipTo destination for a product is normally to the end user's facilities.

ForwarderParty

ForwarderParty is optional. A single instance might exist.

The trading partner involved in the forwarding of the shipment.

MerchantParty

MerchantParty is optional. A single instance might exist.

This named party represents the merchant involved in the business transaction. This party is only used in the communication of OrderStatus otherwise it is handled via OtherParty.

SalesOfficeParty

SalesOfficeParty is optional. A single instance might exist.

This named party represents the sales office involved in the business transaction. This party is only used in the communication of OrderStatus otherwise it is handled via OtherParty.

LocationParty

LocationParty is optional. A single instance might exist.

The organization or business entity where the business event took place or will take place.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

OrderStatusInformation

OrderStatusInformation is optional. Multiple instances might exist.

A group element that stores two levels of order status codes.

Quantity

Quantity is optional. A single instance might exist.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

LastDateOfChange

LastDateOfChange is optional. A single instance might exist.

The last date for which changes to the line item may occur before it is “locked” in the production process. LastDateOfChange encapsulates Date.

DeliveryDateWindow

DeliveryDateWindow is optional. A single instance might exist.

A group item defining the date/time interval for delivery to take place. An element which may contain the estimated date for which delivery is expected. This date is not absolute.

OtherDate

OtherDate is optional. Multiple instances might exist.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

ShipmentDetails

ShipmentDetails is optional. Multiple instances might exist.

A group element containing information that relates to the shipment details for the line item.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

OrderStatusReference

OrderStatusReference is optional. Multiple instances might exist.

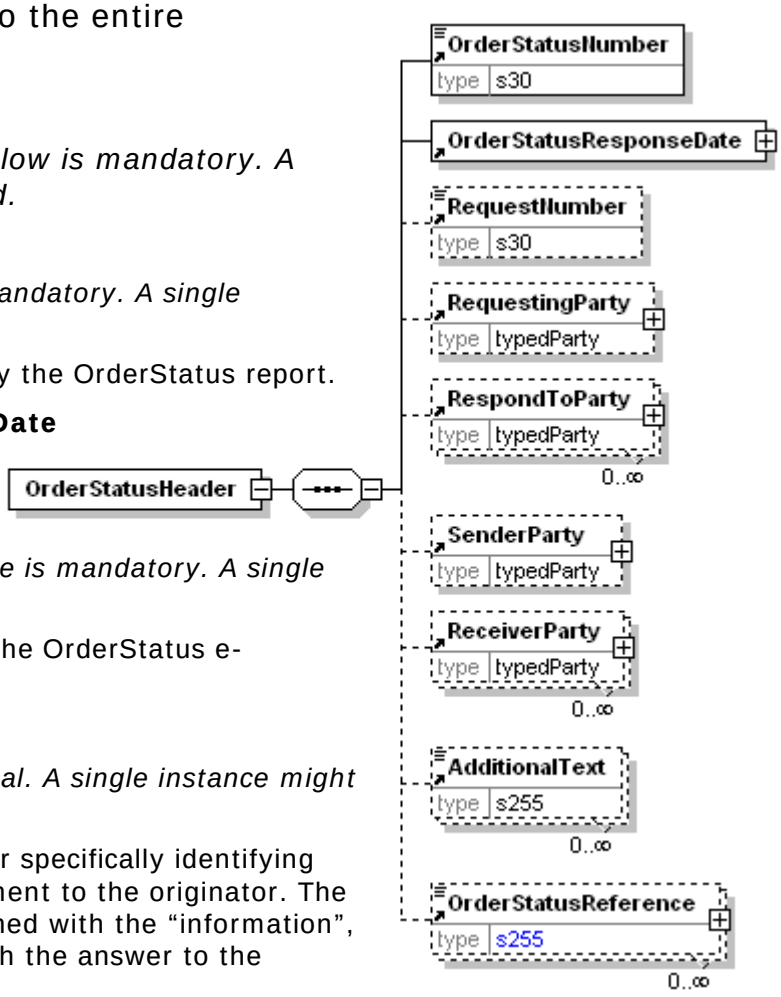
An item detailing relevant references (such as contract number) pertaining to the OrderStatus. The type of reference is identified by the attribute OrderStatusReferenceType.

OrderStatusHeader

Information that applies to the entire OrderStatus e-Document.

(sequence)

The sequence of items below is mandatory. A single instance is required.



OrderStatusNumber

OrderStatusNumber is mandatory. A single instance is required.

A number used to identify the OrderStatus report.

OrderStatusResponseDate

OrderStatusResponseDate is mandatory. A single instance is required.

The Date and Time that the OrderStatus e-Document was created.

RequestNumber

RequestNumber is optional. A single instance might exist.

A unique tracking number specifically identifying the InfoRequest e-Document to the originator. The tracking number is returned with the “information”, the answer, to help match the answer to the request.

RequestingParty

RequestingParty is optional. A single instance might exist.

The party requesting the information.

RespondToParty

RespondToParty is optional. Multiple instances might exist.

The party the document should be responded to.

SenderParty

SenderParty is optional. A single instance might exist.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is optional. Multiple instances might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

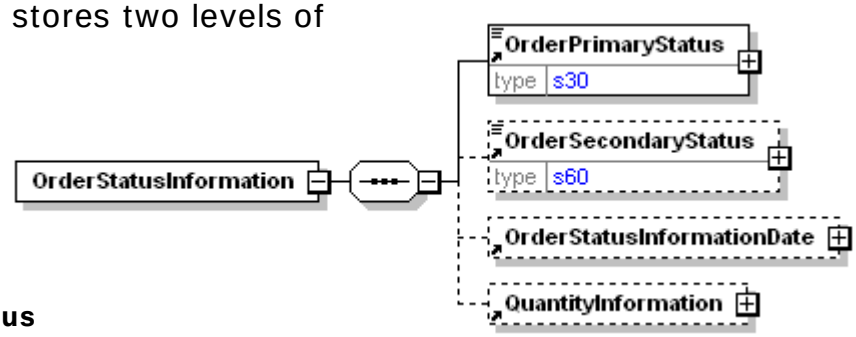
OrderStatusReference

OrderStatusReference is optional. Multiple instances might exist.

An item detailing relevant references (such as contract number) pertaining to the OrderStatus. The type of reference is identified by the attribute OrderStatusReferenceType.

OrderStatusInformation

A group element that stores two levels of order status codes.



(sequence)

The sequence of items below is mandatory. A single instance is required.

OrderPrimaryStatus

OrderPrimaryStatus is mandatory. A single instance is required.

An element that contains the highest level status code pertaining to an entire order.

OrderSecondaryStatus

OrderSecondaryStatus is optional. A single instance might exist.

An element that contains a secondary status description pertaining to the entire order.

OrderStatusInformationDate

OrderStatusInformationDate is optional. A single instance might exist.

The date and time when the specified OrderStatus was achieved.

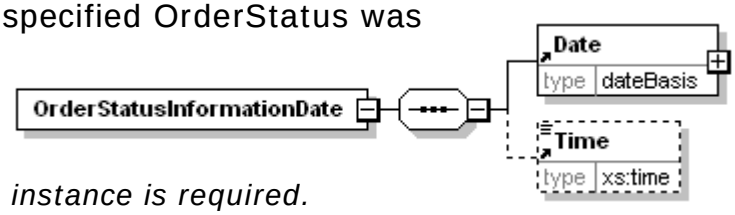
QuantityInformation

QuantityInformation is optional. A single instance might exist.

A group item containing information about quantity and informational quantity of similar items.

OrderStatusInformationDate

The date and time when the specified OrderStatus was achieved.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

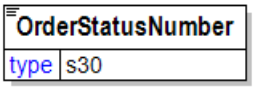
hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

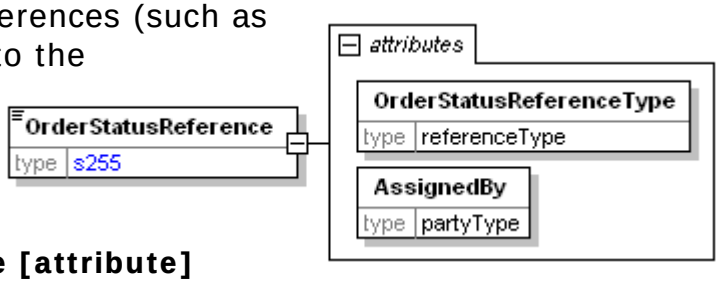
OrderStatusNumber

A number used to identify the OrderStatus report.



OrderStatusReference

An item detailing relevant references (such as contract number) pertaining to the OrderStatus. The type of reference is identified by the attribute OrderStatusReferenceType.



OrderStatusReferenceType [attribute]

OrderStatusReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be

announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to OrderStatusReferenceType definition for any enumerations.

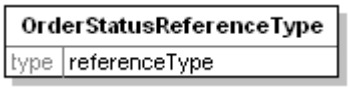
AssignedBy [attribute]

AssignedBy is mandatory. A single instance is required.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

OrderStatusReferenceType [attribute]

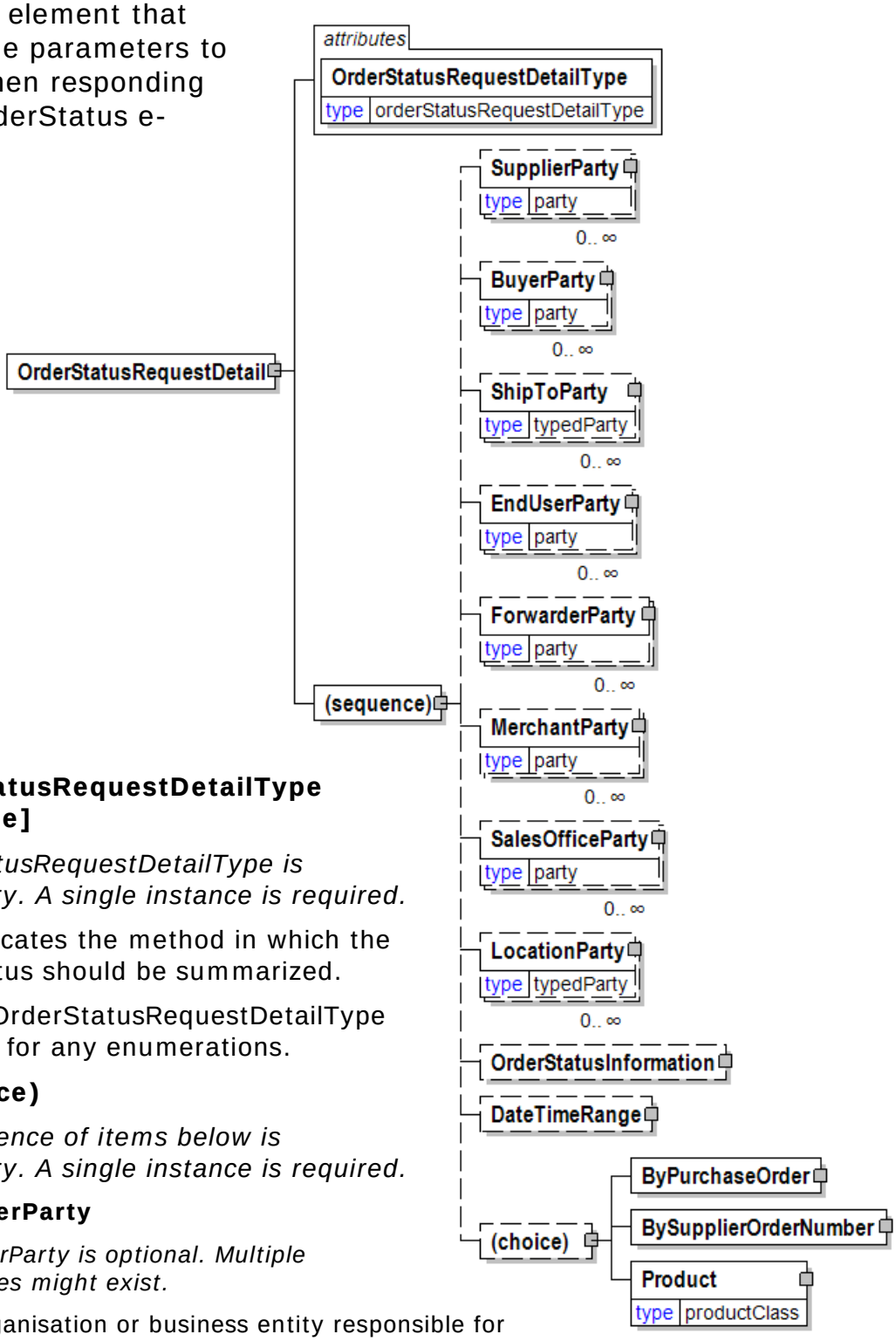


Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, Warehouse” or Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

OrderStatusRequestDetail

A grouping element that provides the parameters to be used when responding with an OrderStatus e-Document.



OrderStatusRequestDetailType [attribute]

OrderStatusRequestDetailType is mandatory. A single instance is required.

Communicates the method in which the OrderStatus should be summarized.

Refer to OrderStatusRequestDetailType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

SupplierParty

SupplierParty is optional. Multiple instances might exist.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

BuyerParty

BuyerParty is optional. Multiple instances might exist.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

ShipToParty

ShipToParty is optional. Multiple instances might exist.

The name and/or address to which the goods should be delivered with the party type indicated by the PartyType attribute.

EndUserParty

EndUserParty is optional. Multiple instances might exist.

The party using, consuming, or converting the product. For example, a printer using paper reels for a print job for a publisher. The final ShipTo destination for a product is normally to the end user's facilities.

ForwarderParty

ForwarderParty is optional. Multiple instances might exist.

The trading partner involved in the forwarding of the shipment.

MerchantParty

MerchantParty is optional. Multiple instances might exist.

This named party represents the merchant involved in the business transaction. This party is only used in the communication of OrderStatus otherwise it is handled via OtherParty.

SalesOfficeParty

SalesOfficeParty is optional. Multiple instances might exist.

This named party represents the sales office involved in the business transaction. This party is only used in the communication of OrderStatus otherwise it is handled via OtherParty.

LocationParty

LocationParty is optional. Multiple instances might exist.

The organization or business entity where the business event took place or will take place.

OrderStatusInformation

OrderStatusInformation is optional. A single instance might exist.

A group element that stores two levels of O

order status codes.

DateTimeRange

DateTimeRange is optional. A single instance might exist.

Specifies a date and/or time range.

(choice)

[choice] is optional because of choice construct.

ByPurchaseOrder

ByPurchaseOrder is optional because of choice construct.

Selection criteria for communicating purchase order information.

BySupplierOrderNumber

BySupplierOrderNumber is optional because of choice construct.

Selection criteria for communicating Supplier Order information

Product

Product is optional because of choice construct.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

OrderStatusRequestDetailType [attribute]

Communicates the method in which the OrderStatus should be summarized.



This item is restricted to the following list.

ByProduct

By product

ByPurchaseOrder

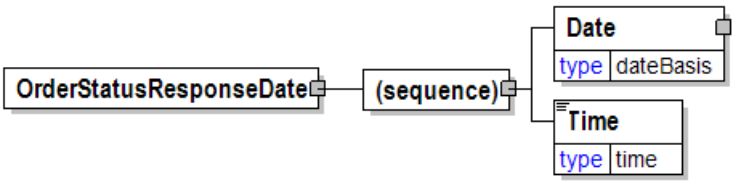
By the PurchaseOrder the material was ordered

BySupplierOrderNumber

By the order the material was manufactured

OrderStatusResponseDate

The Date and Time that the OrderStatus e-Document was created.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is mandatory. A single instance is required.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

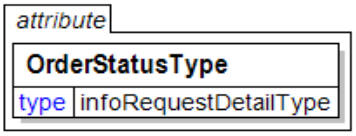
hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be

in discord with other users of XML.

OrderStatusType [attribute]

Communicates the method in which the OrderStatus has been, or should be, summarized.



This item is restricted to the following list.

ByProduct

By product

ByPurchaseOrder

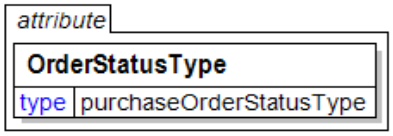
By the PurchaseOrder the material was ordered

BySupplierOrderNumber

By the order the material was manufactured

OrderStatusType [attribute]

Defines the status of the entire PurchaseOrder e-Document, in other words, at the root level



This item is restricted to the following list.

Amended

The supplied information is changed.

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

Original

The supplied information is the first version of that information.

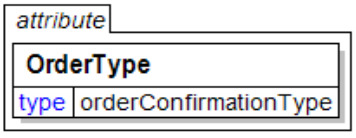
OrderTitle

A text describing the context of the order.



OrderType [attribute]

Defines the type of OrderConfirmation being communicated.



This item is restricted to the following list.

Agreement

A legally binding exchange of promises between parties that the law will enforce.

BlanketOrder

An order that communicates the same information as a StandardOrder but also indicates that the order may be completed over a period of time or, until a certain volume is achieve or, until a certain currency amount is spent.

ConfirmingOrder

A confirming order is used to electronically confirm an order that has not been placed electronically by the customer that is, it was placed using another mean such as fax, phone or email.

ConsumptionOrder

A PurchaseOrder that is based upon consumption for a particular period of time or instance.

ReleaseOrder

A release order is used to release a product to be made. This type of order refers to a previous order or agreement, such as a reservation order, a contract, or a blanket order. A release number version which is an incremented number, is used in this type.

ReservationOrder

A reservation order is used to book a paper supplier‘s capacity for specific quantities of specific products, but it is not yet a firm commitment to buy. Consequently, all line items of a reservation order have a ProductionStatusType of NotFree. To release one or more PurchaseOrder line items of a reservation order, a buyer can use a standard order or a release order.

StandardOrder

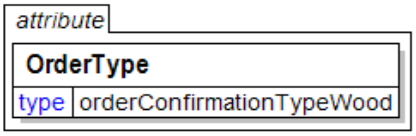
A standard order is a regular one-time order. It defines quantities for one or more products to be purchased and may also define a delivery location and date. A standard order may reference a previous agreement (for example, a quotation, a contract, or a reservation order) for information.

TrialOrder

A trial order is used whenever a seller has agreed to have a buyer sample a product. The seller needs to process this order differently from other orders, because a trial order may include a product sold at a discounted rate or even provided for free. A trial order typically is for small quantities.

OrderType [attribute]

Defines the type of OrderConfirmationWood being communicated.



This item is restricted to the following list.

Agreement

A legally binding exchange of promises between parties that the law will enforce.

BlanketOrder

An order that communicates the same information as a StandardOrder but also indicates that the order may be completed over a period of time or, until

a certain volume is achieve or, until a certain currency amount is spent.

ReleaseOrder

A release order is used to release a product to be made. This type of order refers to a previous order or agreement, such as a reservation order, a contract, or a blanket order. A release number version which is an incremented number, is used in this type.

ReservationOrder

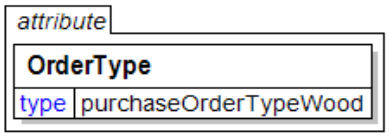
A reservation order is used to book a paper supplier‘s capacity for specific quantities of specific products, but it is not yet a firm commitment to buy. Consequently, all line items of a reservation order have a ProductionStatusType of NotFree. To release one or more PurchaseOrder line items of a reservation order, a buyer can use a standard order or a release order.

StandardOrder

A standard order is a regular one-time order. It defines quantities for one or more products to be purchased and may also define a delivery location and date. A standard order may reference a previous agreement (for example, a quotation, a contract, or a reservation order) for information.

OrderType [attribute]

Defines the type of PurchaseOrder issued.



This item is restricted to the following list.

BlanketOrder

A PurchaseOrder that communicates the same information as a StandardOrder but also indicates that the order may be completed over a period of time or, until a certain volume is achieve or, until a certain currency amount is spent.

ReleaseOrder

A release order is used to release a product to be made. This type of PurchaseOrder refers to a previous order or agreement, such as a reservation order, a contract, or a blanket order. A release number version called PurchaseOrderReleaseNumber, which is an incremented number, is used in this e-Document.

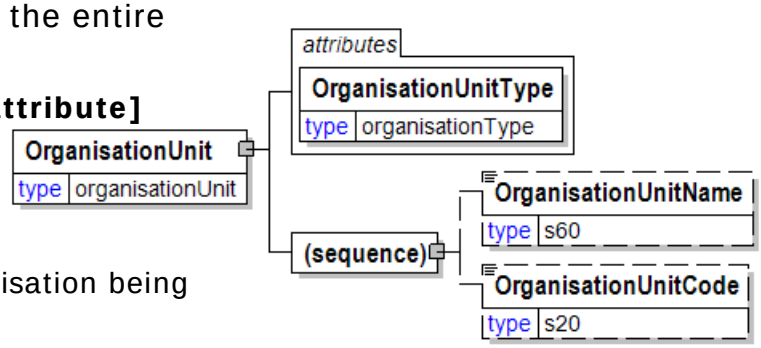
ReservationOrder

A reservation order is used to book a paper supplier‘s capacity for specific quantities of specific products, but it is not yet a firm commitment to buy. Consequently, all PurchaseOrder line items of a reservation order have a ProductionStatusType of NotFree. To release one or more PurchaseOrder line items of a reservation order, a buyer can use a standard order or a release order.

StandardOrder

OrganisationUnit

A segment of a business or the entire business.



OrganisationUnitType [attribute]

OrganisationUnitType is mandatory. A single instance is required.

Identifies the type of organisation being communicated

Refer to OrganisationUnitType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

OrganisationUnitName

OrganisationUnitName is optional. A single instance might exist.

A description of the organisation unit.

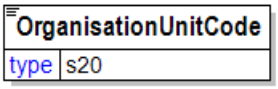
OrganisationUnitCode

OrganisationUnitCode is optional. A single instance might exist.

A short representation for the organisation unit.

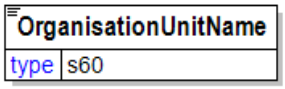
OrganisationUnitCode

A short representation for the organisation unit.



OrganisationUnitName

A description of the organisation unit.



OrganisationUnitType [attribute]

Identifies the type of organisation being communicated



This item is restricted to the following list.

Department

A major division of a business.

Division

An administrative or operating unit of a business

Dock

A place for the unloading or loading of material.

Location

A place marked by some distinguishing feature.

Region

An administrative area of a business.

StorageLocation

A place that supports the functions associated with warehousing of material.

Terminal

A point along a carrier line having facilities for the handling of freight.

Other

Another type of unit, not defined above.

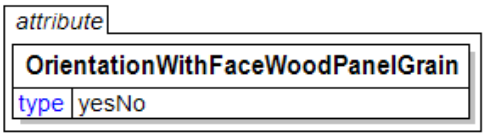
OrientationWithFaceWoodPanelGrain [attribute]

Either "Yes" or "No".

This item is restricted to the following list.

Yes

No



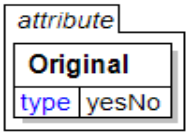
Original [attribute]

Either "Yes" or "No".

This item is restricted to the following list.

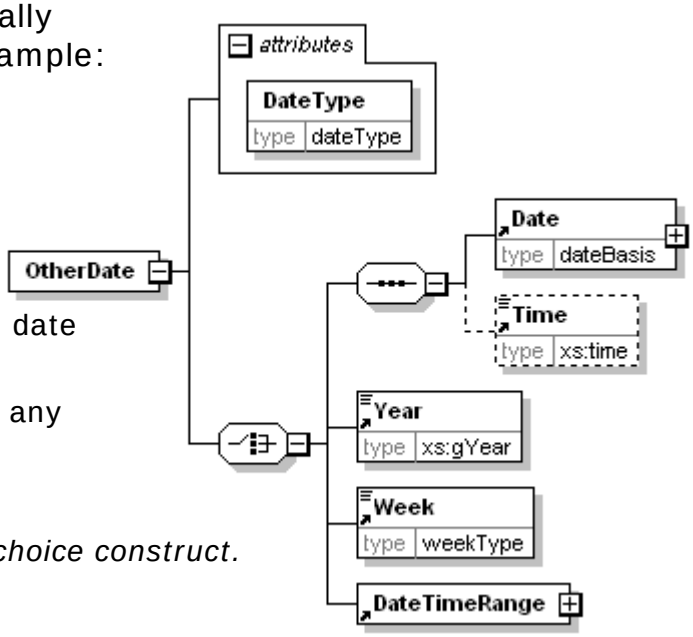
Yes

No



OtherDate

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).



DateType [attribute]

DateType is mandatory. A single instance is required.

Provides a context for the other date used in the document.

Refer to DateType definition for any enumerations.

(choice)

[choice] is optional because of choice construct.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

Year

Year is optional because of choice construct.

Identifies the year number when communicating a Calendar date.

Week

Week is optional because of choice construct.

A field defining the week number of the calendar year. ISO 8601 is used as the basis for this element, “Week 01 of a year is the first week that has the Thursday in this year, which is equivalent to the week that contains the fourth day of January.”

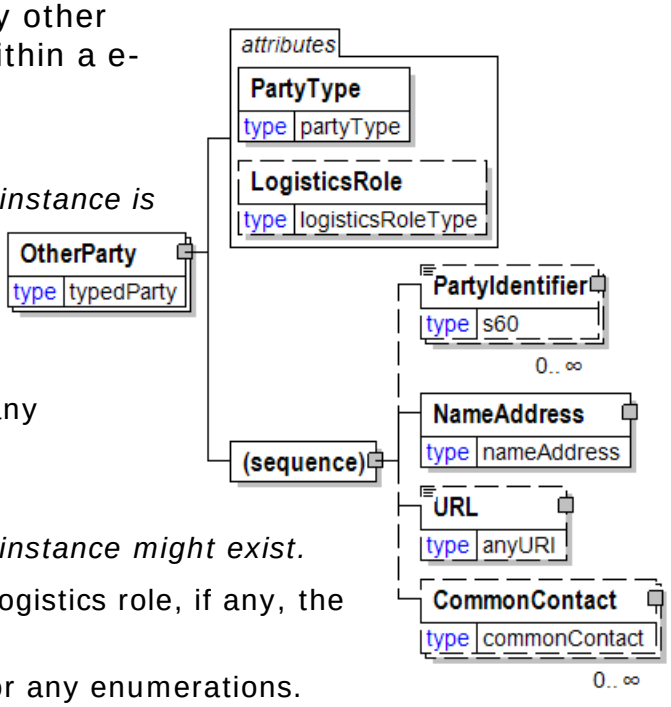
DateTimeRange

DateTimeRange is optional because of choice construct.

Specifies a date and/or time range.

OtherParty

An organisation or business entity other than those specifically detailed within a e-Document.



PartyType [attribute]

PartyType is mandatory. A single instance is required.

Identifies the business role associated with the particular party

Refer to PartyType definition for any enumerations.

LogisticsRole [attribute]

LogisticsRole is optional. A single instance might exist.

Communicates the nature of the logistics role, if any, the party plays in the transaction.

Refer to LogisticsRole definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PartyIdentifier

PartyIdentifier is optional. Multiple instances might exist.

A unique identifier of a specific party. This element contains an attribute PartyIdentifierType that indicates the type of party.

NameAddress

NameAddress is mandatory. A single instance is required.

A group item containing name and address of an organisation or business entity.

URL

URL is optional. A single instance might exist.

Universal Resource Locator. While typically a web address you could use this field to hold an email address.

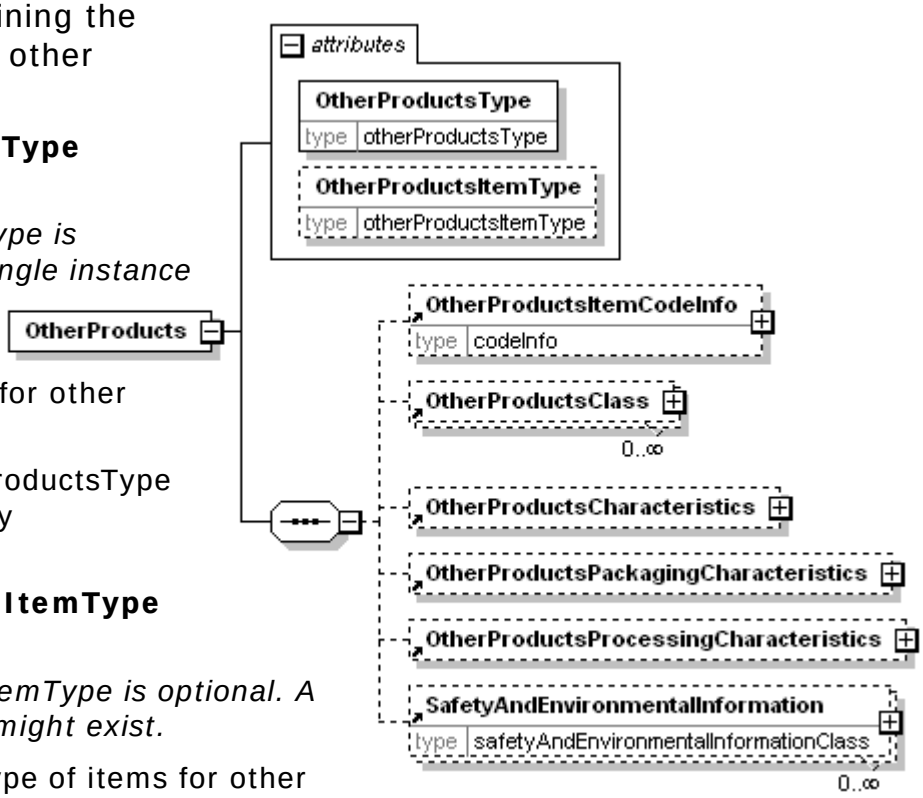
CommonContact

CommonContact is optional. Multiple instances might exist.

Identifies a specific individual associated with the party.

OtherProducts

A group item defining the characteristics of other products.



OtherProductsType [attribute]

OtherProductsType is mandatory. A single instance is required.

Defines the type of product for other products.

Refer to OtherProductsType definition for any enumerations.

OtherProductsItemType [attribute]

OtherProductsItemType is optional. A single instance might exist.

Defines detail type of items for other product types.

Refer to OtherProductsItemType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

OtherProductsItemCodeInfo

OtherProductsItemCodeInfo is optional. A single instance might exist.

A group item that defines a product item by a code given by an agency. A textual description of the product item can also be given.

OtherProductsClass

OtherProductsClass is optional. Multiple instances might exist.

A group item that details information used for describing classes of other products based on some product properties.

OtherProductsCharacteristics

OtherProductsCharacteristics is optional. A single instance might exist.

A group item that contains characteristics of other products.

OtherProductsPackagingCharacteristics

OtherProductsPackagingCharacteristics is optional. A single instance might exist.

A group item that contains information about packaging of other products.

OtherProductsProcessingCharacteristics

OtherProductsProcessingCharacteristics is optional. A single instance might exist.

A group item that contains information about processing of other products.

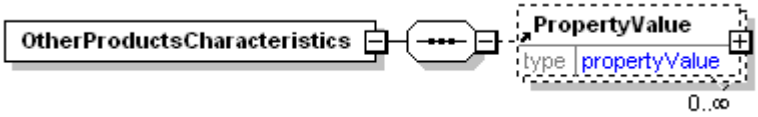
SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency).

OtherProductsCharacteristics

A group item that contains characteristics of other products.



(sequence)

The sequence of items below is mandatory. A single instance is required.

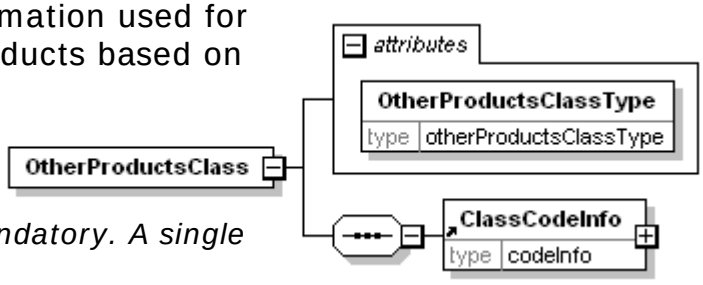
PropertyValue

PropertyValue is optional. Multiple instances might exist.

Specifies a value for a property of an item. The property is defined by the attribute PropertyType. The attribute MeasuringMethod and MeasuringAgency can be used to clarify details for a how a property is measured or calculated, e.g. Diameter for a saw log can be measured “Under Bark” or “Over Bark”. The attribute MeasuringMethodType defines how the value is created, e.g. measured automatically, calculated etc. The attribute IsAverageValue indicates if the value is an average value or not.

OtherProductsClass

A group item that details information used for describing classes of other products based on some product properties.



OtherProductsClassType [attribute]

OtherProductsClassType is mandatory. A single instance is required.

Defines the type of class for other products.

Refer to OtherProductsClassType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ClassCodeInfo

ClassCodeInfo is mandatory. A single instance is required.

A group item specifying code and description for a class.

OtherProductsClassType [attribute]

Defines the type of class for other products.



This item is restricted to the following list.

SummerClass

A class for products fulfilling requirements at temperatures over 0 degrees Celcius.

WinterClass

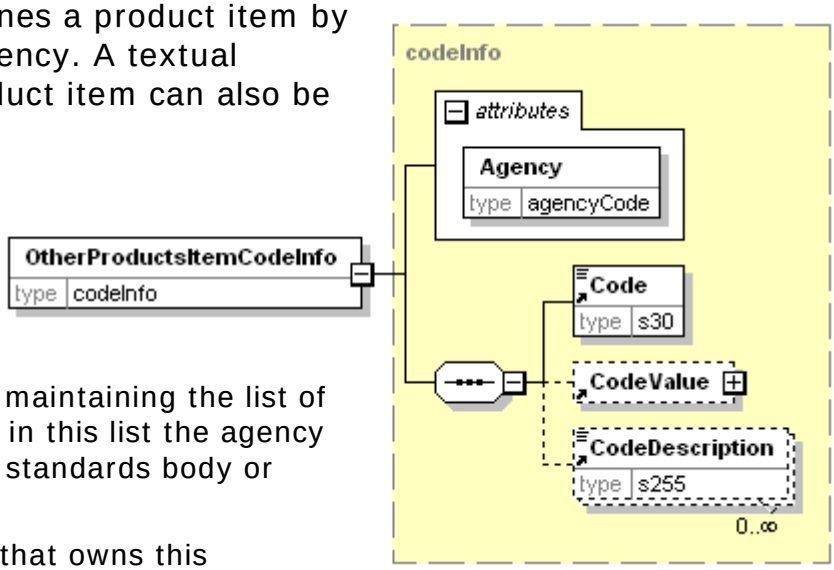
A class for products fulfilling requirements at temperatures under 0 degrees Celsius. For example a class of diesel fuel enhanced to prevent it from gelling in cold weather conditions.

ArcticClass

A class for products fulfilling requirements in arctic climate. For example a class of diesel fuel enhanced to meet arctic climate conditions.

OtherProductsItemCodeInfo

A group item that defines a product item by a code given by an agency. A textual description of the product item can also be given.



Agency [attribute]

Agency is mandatory. A single instance is required.

Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Code

Code is mandatory. A single instance is required.

Specifies a code that is defined by an agency. The agency is given for the whole construct containing the code.

CodeValue

CodeValue is optional. A single instance might exist.

A grouping element specifying a value belonging to a code that is defined by an

agency.

CodeDescription

CodeDescription is optional. Multiple instances might exist.

A textual description for the meaning of a code that is defined by an agency.

OtherProductsItemType [attribute]

Defines detail type of items for other product types.



This item is restricted to the following list.

Ash

Ash is the residue powder left after the combustion of wood or other bio-based material, such as burning the material in an industrial power plant. Depending on its properties and use value ash can be a commercial product being used e.g. in landfilling or in cement production or it can be treated as waste.

Biodiesel

Biodiesel refers to a vegetable oil- or animal fat-based diesel fuel consisting of long-chain alkyl (methyl, propyl or ethyl) esters. Biodiesel is typically made by chemically reacting lipids (e.g., vegetable oil, animal fat) with an alcohol producing fatty acid esters.

Biodiesel is meant to be used in standard diesel engines and is thus distinct from the vegetable and waste oils used to fuel converted diesel engines. Biodiesel can be used alone, or blended with petro diesel. Biodiesel can also be used as a low carbon alternative to heating oil.

BlackLiquor

In industrial chemistry, black liquor is the spent cooking liquor from the Kraft process when digesting pulpwood into paper pulp removing lignin, hemicelluloses and other extractives from the wood to free the cellulose fibers.

BrownLiquor

In industrial chemistry, brown liquor is the spent cooking liquor in the sulphite process. Other used names are red liquor, thick liquor and sulphite waste liquor.

ChinaClay

Kaolinite is a clay mineral, part of the group of industrial minerals, with the chemical composition $Al_2Si_2O_5(OH)_4$. It is a layered silicate mineral, with one tetrahedral sheet linked through oxygen atoms to one octahedral sheet of alumina octahedra. Rocks that are rich in kaolinite are known as kaolin or china clay.

The largest use is in the production of paper, including ensuring the gloss on some grades of paper.

CrudeTallOil

A dark, smelling, oil-like product consisting mainly of fatty and rosin acids and, to a lesser extent, unsaponifiable substances. Crude Tall Oil is produced through acidification of black liquor soap skimmings.

Lye

Lye is a corrosive alkaline substance, commonly sodium hydroxide (NaOH, also known as 'caustic soda') or historically potassium hydroxide (KOH, from hydrated potash).

Naphtha

Naphtha normally refers to a number of flammable liquid mixtures of hydrocarbons, i.e. a component of natural gas condensate or a distillation product from petroleum, coal tar or peat boiling in a certain range and containing certain hydrocarbons. It is a broad term covering among the lightest and most volatile fractions of the liquid hydrocarbons in petroleum. Naphtha is used chiefly as solvents and diluents and as raw materials for conversion to petrol.

Natriumbisulfit

Sodium carbonate solution is saturated with sulphur dioxide and the solution crystallized. Chiefly as a by-product in the production of phenol and resorcinol.

Petrol

Petrol is a transparent petroleum-derived liquid that is primarily used as a fuel in internal combustion engines. It consists mostly of organic compounds obtained by the fractional distillation of petroleum, enhanced with a variety of additives. Some petrol also contains ethanol as an alternative fuel. In North America the term Gasoline is used, often shortened in colloquial usage to gas.

Pitch

Pitch is the name for any of a number of viscoelastic, solid polymers. Pitch normally exists in coniferous species.

PitchOil

Pitch oil can refer to either creosote-like fluids or kerosene. Creosote is the portion of chemical products obtained by the distillation of a tar that remains heavier than water, notably useful for its anti-septic and preservative properties.

Talc

Talc is a metamorphic mineral resulting from the metamorphism of magnesian minerals such as serpentine, pyroxene, amphibole, olivine, in the presence of carbon dioxide and water. This is known as talc carbonation or steatization and produces a suite of rocks known as talc carbonates.

Talc is used in many industries such as paper making, plastic, paint and coatings, rubber, food, electric cable, pharmaceuticals, cosmetics, ceramics, etc.

Turpentine

Turpentine (also called spirit of turpentine, oil of turpentine, and wood turpentine) is a fluid obtained by the distillation of resin obtained from live trees, mainly pines. It is composed of terpenes, mainly the monoterpenes alpha-pinene and beta-pinene. It is sometimes colloquially known as turps.

OtherProductsPackagingCharacteristics

A group item that contains information about packaging of other products.



(sequence)

The sequence of items below is mandatory. A single instance is required.

PackagingCodeInfo

PackagingCodeInfo is optional. Multiple instances might exist.

A group item specifying code and description for packaging details.

OtherProductsProcessingCharacteristics

A group item that contains information about processing of other products.



(sequence)

The sequence of items below is mandatory. A single instance is required.

ProcessingCodeInfo

ProcessingCodeInfo is optional. Multiple instances might exist.

A group item specifying code and description for processing details.

OtherProductsType [attribute]

Defines the type of product for other products.

This item is restricted to the following list.



Chemicals

In chemistry, a chemical substance is a form of matter that has constant chemical composition and characteristic properties. It cannot be separated into components by physical separation methods, i.e. without breaking chemical bonds. They can be solids, liquids or gases.

Fuel

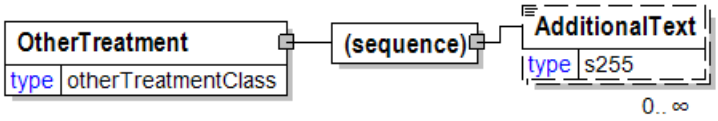
Fuel is any material that stores energy that can later be extracted to perform mechanical work in a controlled manner.

Other

Any other product type.

OtherTreatment

Other treatment



(sequence)

The sequence of items below is mandatory. A single instance is required.

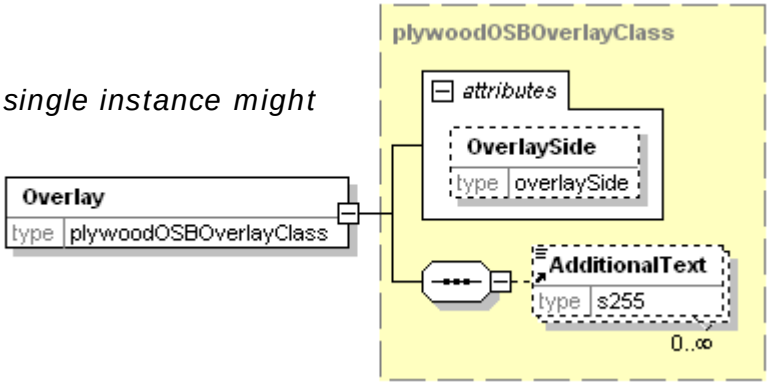
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

Overlay

Overlay



OverlaySide [attribute]

OverlaySide is optional. A single instance might exist.

Overlay side

Refer to OverlaySide definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

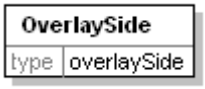
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

OverlaySide [attribute]

Overlay side



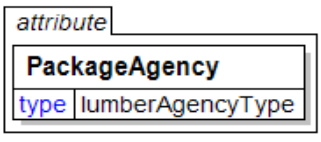
This item is restricted to the following list.

1

2

PackageAgency [attribute]

LumberAgency identifies which agency is responsible for assigning the lumber attributes.



This item is restricted to the following list.

BS

BS-EN

British standard based on a European standard.

CEN

European Committee for Standardisation (http://www.cenorm.be)

DIN

EN338

EN1912

EN1611-1

EDISAW

Generic

GOST

Russian federal agency on technical regulating and metrology (http://www.gost.ru)

ISO

JAS

Japanese Agricultural Standard

NELMA

NLGA

NS

NSLB

RIS

RT

SIS

SPIB

WCLIB

WRCLA

WWPA

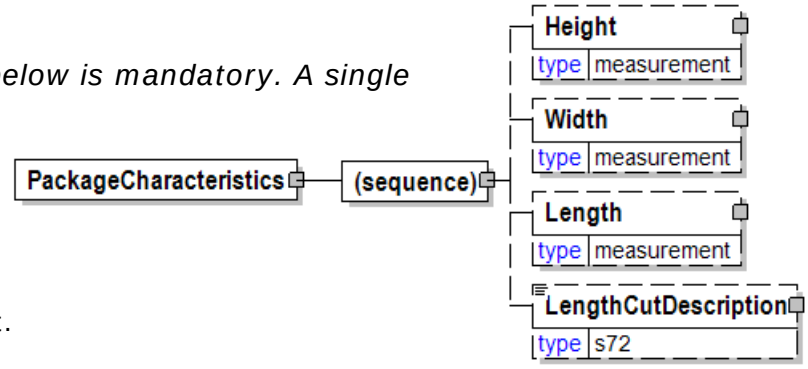
Supplier

PackageCharacteristics

The package characteristics.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Height

Height is optional. A single instance might exist.

The height of the object.

Width

Width is optional. A single instance might exist.

The width of the object.

Length

Length is optional. A single instance might exist.

The length of the object.

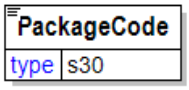
LengthCutDescription

LengthCutDescription is optional. A single instance might exist.

Length Cut Description

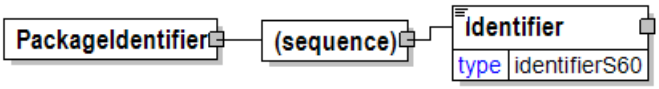
PackageCode

This element is used to identify the package code or identifier. This code can be no-standard and vary among companies or it can be assigned by a recognized agency.



PackageIdentifier

The identifier of the productpackage (such as reel ID or pallet ID) that is used along with the



PurchaseOrderLineItemNumber to call off the product.

(sequence)

The sequence of items below is mandatory. A single instance is required.

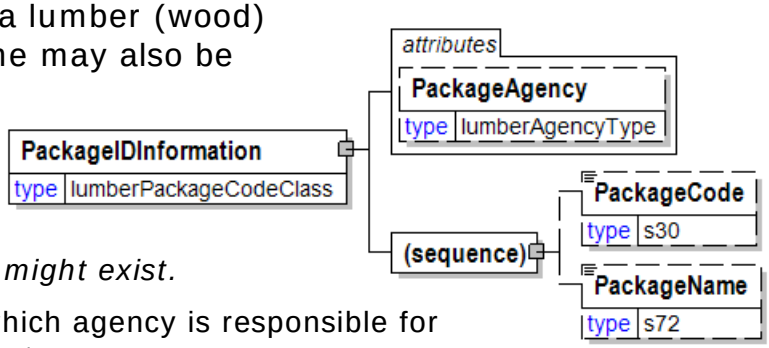
Identifier

Identifier is mandatory. A single instance is required.

An Identifier is required for packages and items (pallets, reel packages, boxes, ream items, reel items, etc). The Identifier element contains the actual item identifier code. Identifier is repeatable so more than one identifier can be communicated. For example, the printed identifier on a label may be different from the barcode printed on the label.

PackageIDInformation

Group element identifying a lumber (wood) package. The package name may also be communicated.



PackageAgency [attribute]

PackageAgency is optional. A single instance might exist.

LumberAgency identifies which agency is responsible for assigning the lumber attributes.

Refer to PackageAgency definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PackageCode

PackageCode is optional. A single instance might exist.

This element is used to identify the package code or identifier. This code can be no-standard and vary among companies or it can be assigned by a recognized agency.

PackageName

PackageName is optional. A single instance might exist.

Element used to identify the name of a package.

PackageInformation

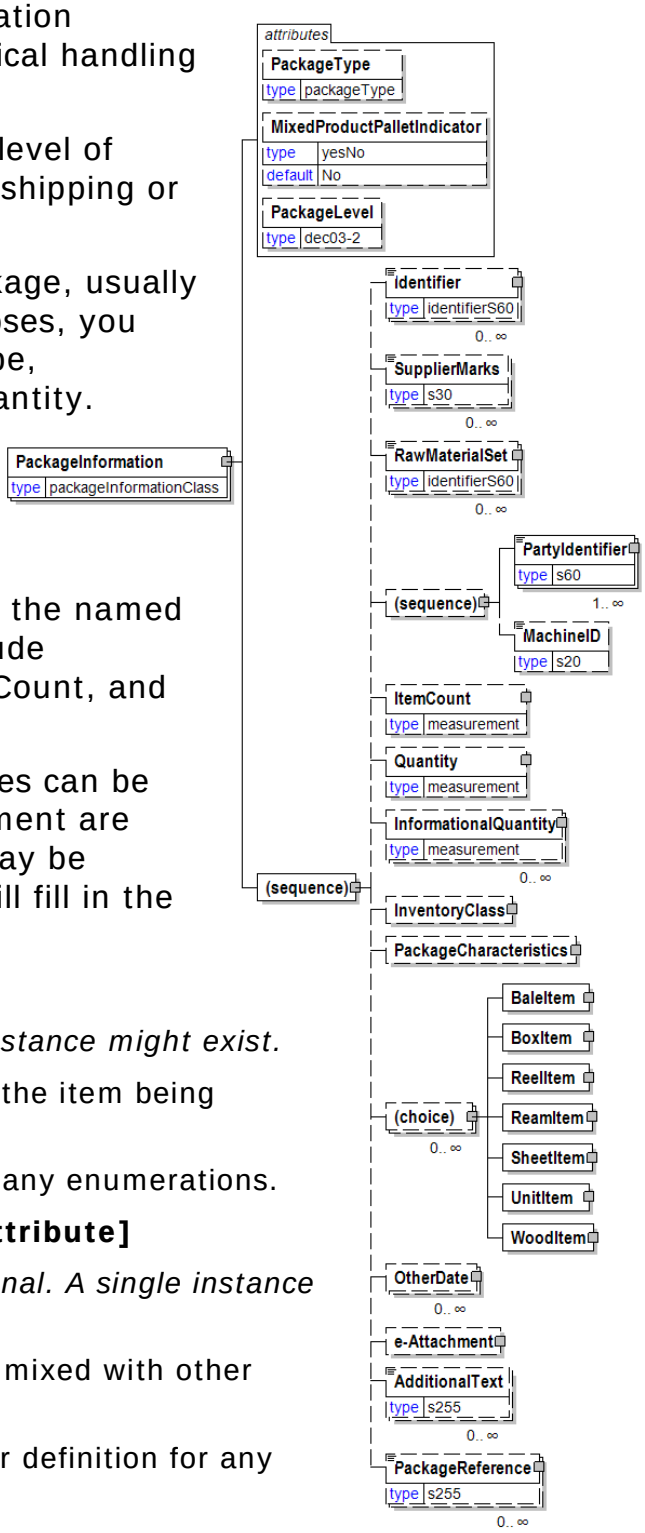
The purpose of the PackageInformation structure is to clearly identify physical handling items that constitute the delivery.

PackageInformation is the highest level of product packaging it describes the shipping or warehousing unit.

If you are communicating a package, usually for logistics or transport purposes, you should include the PackageType, Identifier, ItemCount, and Quantity. (Note: you still have the ability to describe the item with one of the "named" items.)

If you are communicating one of the named Items there is no need to include PackageType, Identifier, ItemCount, and Quantity.

Since either of these two approaches can be used the entie contents of this element are optional even though the parent may be required. It is expected that you will fill in the appropriate details.



PackageType [attribute]

PackageType is optional. A single instance might exist.

Communicates the configuration of the item being reported.

Refer to PackageType definition for any enumerations.

MixedProductPalletIndicator [attribute]

MixedProductPalletIndicator is optional. A single instance might exist.

Specifies whether a product can be mixed with other products on the same pallet

Refer to MixedProductPalletIndicator definition for any enumerations.

PackageLevel [attribute]

PackageLevel is optional. A single instance might exist.

An hierarchical numbering approach that communicates containerization and identity.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Identifier

Identifier is optional. Multiple instances might exist.

An Identifier is required for packages and items (pallets, reel packages, boxes, ream items, reel items, etc). The Identifier element contains the actual item identifier code. Identifier is repeatable so more than one identifier can be communicated. For example, the printed identifier on a label may be different from the barcode printed on the label.

SupplierMarks

SupplierMarks is optional. Multiple instances might exist.

Supplier provided markings.

RawMaterialSet

RawMaterialSet is optional. Multiple instances might exist.

This identifier derived element indicates a grouping of raw materials that were used to manufacture the product.

(sequence)

The sequence of items below is optional. A single instance might exist.

PartyIdentifier

PartyIdentifier is mandatory. One instance is required, multiple instances might exist.

A unique identifier of a specific party. This element contains an attribute PartyIdentifierType that indicates the type of party.

MachineID

MachineID is optional. A single instance might exist.

An identifier assigned to the particular machine being referenced. For example, a machine could be a paper machine, an off-line coater, a sheeter, or a printing press. The particular machine being referenced will be determined by the business event being supported.

ItemCount

ItemCount is optional. A single instance might exist.

A count of the number of items (examples: a count of the number of boxes on a pallet or of reams in a box).

Quantity

Quantity is optional. A single instance might exist.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

InventoryClass

InventoryClass is optional. A single instance might exist.

A group item containing information about status of inventory and goods items.

PackageCharacteristics

PackageCharacteristics is optional. A single instance might exist.

The package characteristics.

(choice)

[choice] is optional because of choice construct.

BaleItem

BaleItem is optional because of choice construct.

An individual bale included as part of a delivery.

BoxItem

BoxItem is optional because of choice construct.

A four-sided container for reams or sheet items. A pallet can contain zero or more boxes. The term Carton is a synonym for BoxItem. The term “Box” is used as constraint within the ItemType attribute of the UsageLineItemDetail to refer to a box that contains other boxes.

ReelItem

ReelItem is optional because of choice construct.

A group item representing details of an actual (as opposed to specified) reel. One or several reels can be contained in a package.

ReamItem

ReamItem is optional because of choice construct.

A wrapped quantity of SheetItem(s).

SheetItem

SheetItem is optional because of choice construct.

A group item consisting potentially of the date the sheets were converted into sheets and/or packaged or finished.

UnitItem

UnitItem is optional because of choice construct.

Unit Item.

WoodItem

WoodItem is optional because of choice construct.

Group element containing elements describing a wood industry product.

OtherDate

OtherDate is optional. Multiple instances might exist.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

e-Attachment

e-Attachment is optional. A single instance might exist.

e-Attachment enables the sender to provide information about attachments to the

document.

Note: BizTalk users may have problems in processing this element. See the papiNet FAQs (papiNet.org) for more information.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

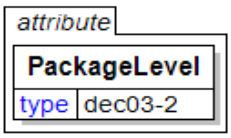
PackageReference

PackageReference is optional. Multiple instances might exist.

An element detailing the relevant references pertaining to a package. The type of reference is identified by the attributes PackageReferenceType and AssignedBy.

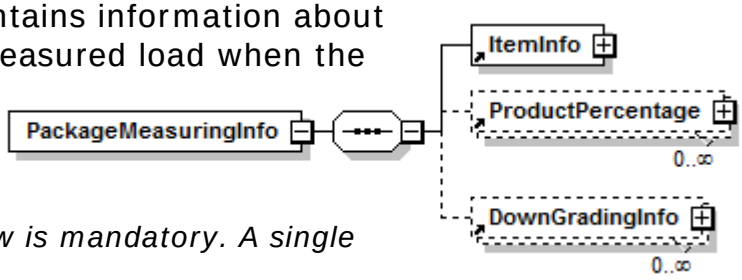
PackageLevel [attribute]

An hierarchical numbering approach that communicates containerization and identity.



PackageMeasuringInfo

A grouping element that contains information about a measured package or a measured load when the load is treated as one package.



(sequence)

The sequence of items below is mandatory. A single instance is required.

ItemInfo

ItemInfo is mandatory. A single instance is required.

A grouping element that contains information about an item. The attribute ItemType defines the type of physical item. Item Info describes property values of an item as well as tracking information between items processed in the supply chain.

ProductPercentage

ProductPercentage is optional. Multiple instances might exist.

The quantity of a product in percentage of the total quantity for an item containing many products. Attribute QuantityType, QuantityTypeContext and AdjustmentType can be used to define what quantity the percentage is referring to.

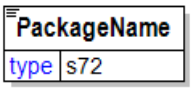
DownGradingInfo

DownGradingInfo is optional. Multiple instances might exist.

A grouping element that contains information about downgrading of products.

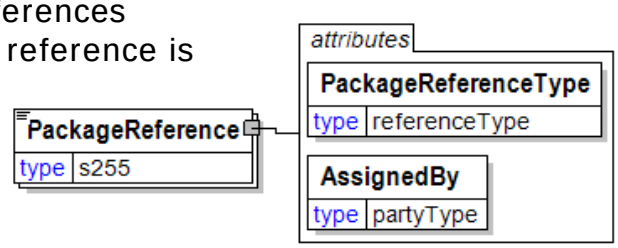
PackageName

Element used to identify the name of a package.



PackageReference

An element detailing the relevant references pertaining to a package. The type of reference is identified by the attributes PackageReferenceType and AssignedBy.



PackageReferenceType [attribute]

PackageReferenceType is mandatory. A single instance is required.

PackageReferenceType provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Customer”, “Seller”, and/or “Supplier”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to PackageReferenceType definition for any enumerations.

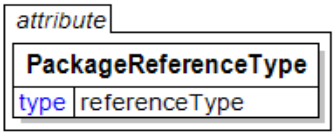
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

PackageReferenceType [attribute]

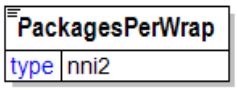


PackageReferenceType provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Customer”, “Seller”, and/or “Supplier”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

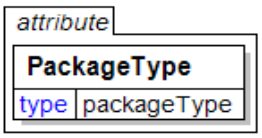
PackagesPerWrap

The number of packages wrapped together.



PackageType [attribute]

Communicates the configuration of the item being reported.



This item is restricted to the following list.

Bag

A container of flexible material used for storage.

Bale

Unbound materials bulk packed without pieces of board and at least 1 band

Barrel

A large cylindrical container.

Box

Note: Box is the papiNet way of referring to a Carton

Bundle

Unbound materials bulk packed with pieces of board at each end and at least 1 band

Container

Crate

A shipping container used for storage.

Drum

FullWoodPackage

HalfWoodPackage

LengthPackage

Package contains pieces of a single length.

Lift

LogPile

A pile of logs (a virtual type of package).

LooseVolumeItem

A unit containing loose volume products (during transports) (a type of virtual package).

Pail

Pallet

A portable platform.

Piece

PulpUnit

ReelPackage

StepPackage

Package in which pieces are group together by length, with longest length at the bottom of the package and shortest on top.

TruckPackage

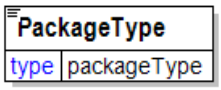
Package contains pieces of mixed random lengths.

UnformedPulp

Vehicle

PackageType

Communicates the configuration of the item being reported.



This item is restricted to the following list.

Bag

A container of flexible material used for storage.

Bale

Unbound materials bulk packed without pieces of board and at least 1 band

Barrel

A large cylindrical container.

Box

Note: Box is the papiNet way of referring to a Carton

Bundle

Unbound materials bulk packed with pieces of board at each end and at least 1 band

Container

Crate

A shipping container used for storage.

Drum

FullWoodPackage

HalfWoodPackage

LengthPackage

Package contains pieces of a single length.

Lift

LogPile

A pile of logs (a virtual type of package).

Pail

Pallet

A portable platform.

Piece

PulpUnit

ReelPackage

StepPackage

Package in which pieces are group together by length, with longest length at the bottom of the package and shortest on top.

TruckPackage

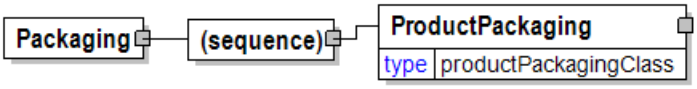
Package contains pieces of mixed random lengths.

UnformedPulp

Vehicle

Packaging

Type of a package that includes individual products.



(sequence)

The sequence of items below is mandatory. A single instance is required.

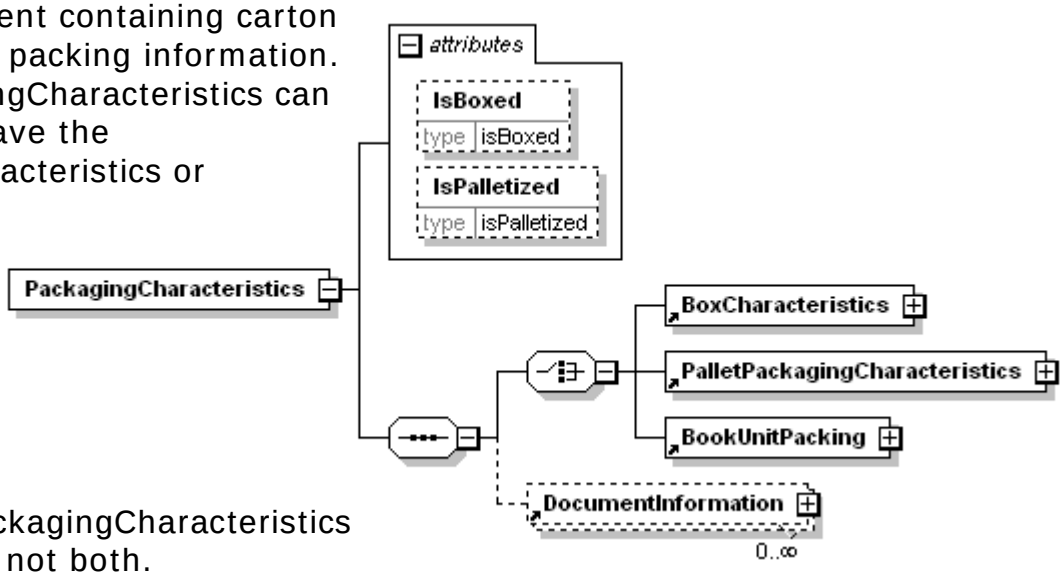
ProductPackaging

ProductPackaging is mandatory. A single instance is required.

Defines the methods and materials used for packaging.

PackagingCharacteristics

An element containing carton or pallet packing information. PackagingCharacteristics can either have the BoxCharacteristics or PalletPackagingCharacteristics element not both.



IsBoxed [attribute]

IsBoxed is optional. A single instance might exist.

Refer to IsBoxed definition for any enumerations.

IsPalletized [attribute]

IsPalletized is optional. A single instance might exist.

The buyer's directions for how the item is to be palletized.

Refer to IsPalletized definition for any enumerations.

(choice)

[choice] is optional because of choice construct.

BoxCharacteristics

BoxCharacteristics is optional because of choice construct.

BoxCharacteristics is a group element that contains information about the box (or carton)

PalletPackagingCharacteristics

PalletPackagingCharacteristics is optional because of choice construct.

PalletPackagingCharacteristics details the characteristics of the packaging for a pallet.

BookUnitPacking

BookUnitPacking is optional because of choice construct.

Book unit packing information

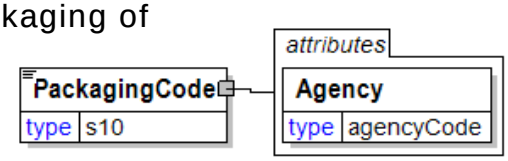
DocumentInformation

DocumentInformation is optional. Multiple instances might exist.

A group element containing a specification of required documents in the business process. Additional free text to be printed on documents can also be specified.

PackagingCode

PackagingCode is a code describing the packaging of the product.



Agency [attribute]

Agency is mandatory. A single instance is required.

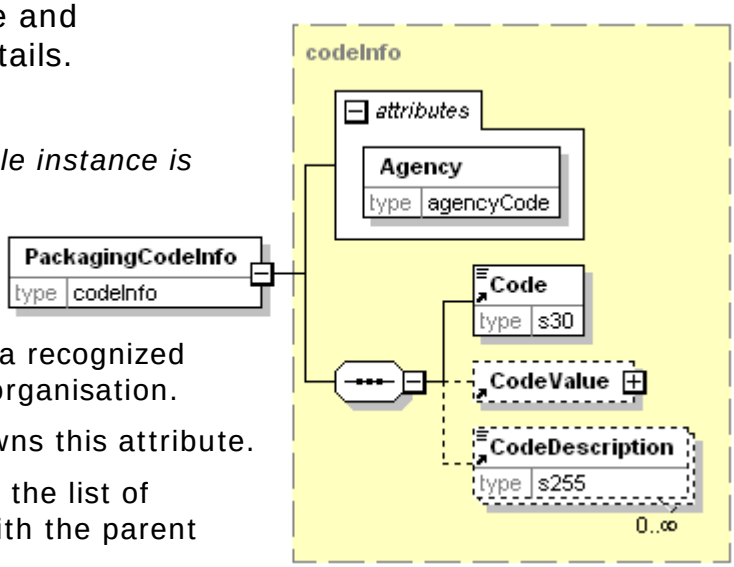
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

PackagingCodeInfo

A group item specifying code and description for packaging details.



Agency [attribute]

Agency is mandatory. A single instance is required.

Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Code

Code is mandatory. A single instance is required.

Specifies a code that is defined by an agency. The agency is given for the whole construct containing the code.

CodeValue

CodeValue is optional. A single instance might exist.

A grouping element specifying a value belonging to a code that is defined by an agency.

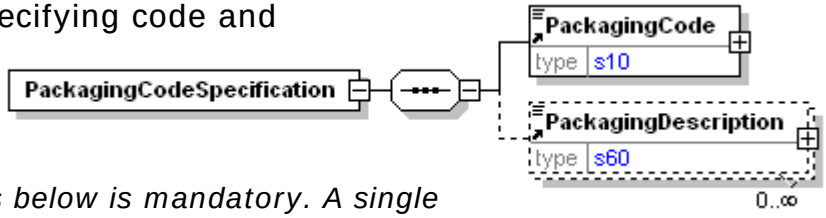
CodeDescription

CodeDescription is optional. Multiple instances might exist.

A textual description for the meaning of a code that is defined by an agency.

PackagingCodeSpecification

A grouping element specifying code and description for packaging details.



(sequence)

The sequence of items below is mandatory. A single instance is required.

PackagingCode

PackagingCode mandatory. A single instance is required.

PackagingCode is a code describing the packaging of the product.

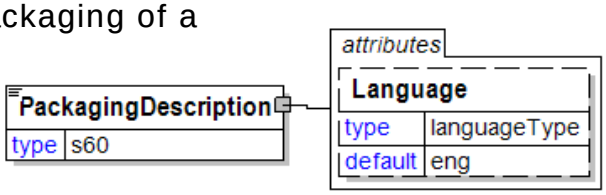
PackagingDescription

PackagingDescription is optional. Multiple instances might exist.

A text field element describing the packaging of a product A text field element describing the packaging of a product.

PackagingDescription

A text field element describing the packaging of a product.



Language [attribute]

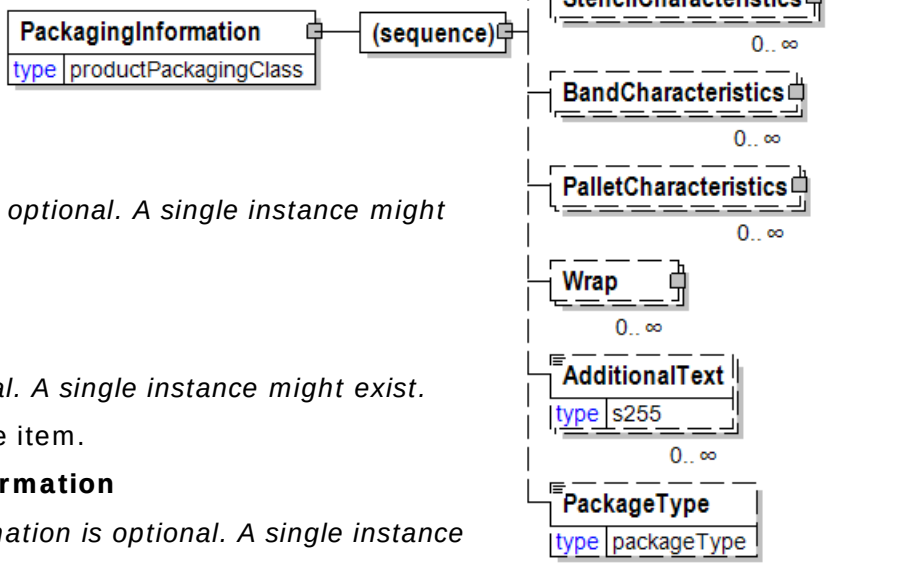
Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

PackagingInformation

Group element construct used to all information associated with the packaging of a product. Measurements, package ID, label, stencil, band, pallet and wrap characteristics may all be detailed.



(sequence)

The sequence of items below is mandatory. A single instance is required.

QuantityInUnit

QuantityInUnit is optional. A single instance might exist.

Used to identify the number of items packed within this package unit.

UnitDimension

UnitDimension is optional. A single instance might exist.

Unit Dimension

Weight

Weight is optional. A single instance might exist.

The weight of the item.

PackageIDInformation

PackageIDInformation is optional. A single instance might exist.

Group element identifying a lumber (wood) package. The package name may also

be communicated.

LabelCharacteristics

LabelCharacteristics is optional. Multiple instances might exist.

A group item that organises the labeling information.

StencilCharacteristics

StencilCharacteristics is optional. Multiple instances might exist.

A group element specifying attributes of a stencil to be applied to an item, and optional text.

BandCharacteristics

BandCharacteristics is optional. Multiple instances might exist.

A group item that organises the packaging band detail information.

PalletCharacteristics

PalletCharacteristics is optional. Multiple instances might exist.

A group item that provides pallet detail information.

Wrap

Wrap is optional. Multiple instances might exist.

A group item that organises wrapping detail information.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

PackageType

PackageType is optional. A single instance might exist.

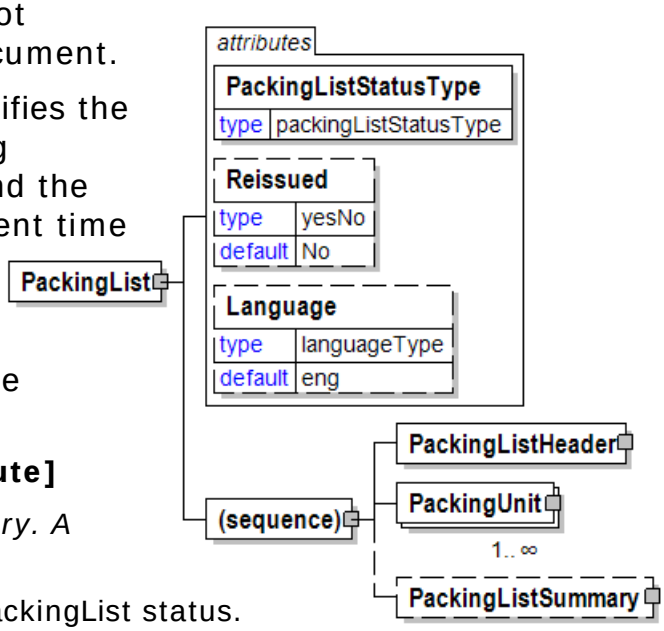
Communicates the configuration of the item being reported.

Refer to PackageType definition for any enumerations.

PackingList

The PackingList element is the root element for the PackingList e-Document.

The PackingList e-Document specifies the details of a shipment that is being despatched. The seller should send the PackingList e-Document in sufficient time so that the recipient can process the information before the goods arrive. The recipient can then prepare efficiently for the receipt of the goods.



PackingListStatusType [attribute]

PackingListStatusType is mandatory. A single instance is required.

Attribute is used to identify the PackingList status.

Refer to PackingListStatusType definition for any enumerations.

Reissued [attribute]

Reissued is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Reissued definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PackingListHeader

PackingListHeader is mandatory. A single instance is required.

Information that is applicable to every item on the PackingList e-Document.

PackingUnit

PackingUnit is mandatory. One instance is required, multiple instances might exist.

Describes the major unit of packing the materials in the shipment.

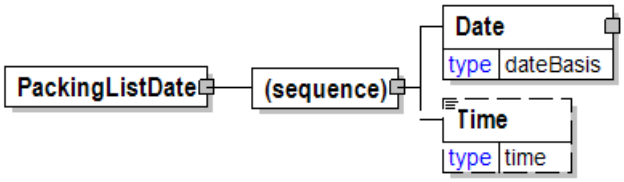
PackingListSummary

PackingListSummary is optional. A single instance might exist.

PackingListSummary contains summary information applicable to the entire PackingList.

PackingListDate

Used to identify the issue date of the PackingList transaction.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

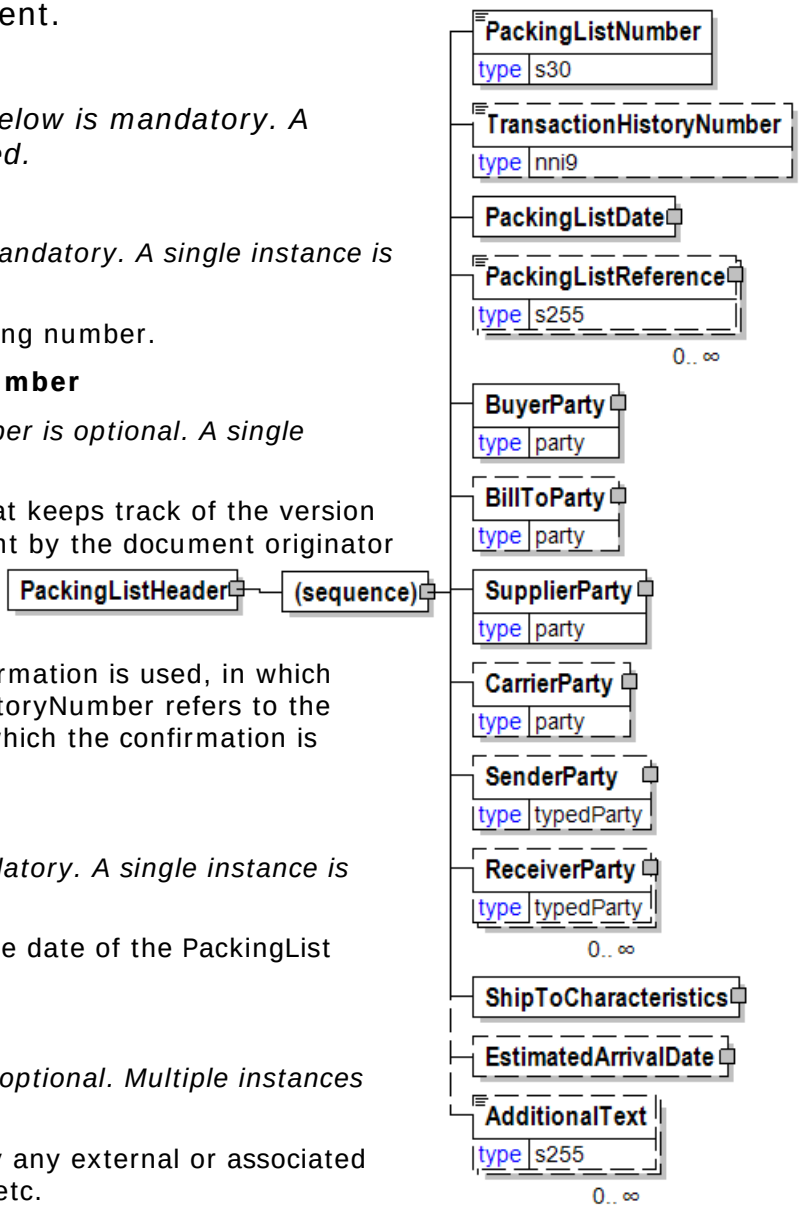
- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

PackingListHeader

Information that is applicable to every item on the PackingList e-Document.

(sequence)

The sequence of items below is mandatory. A single instance is required.



PackingListNumber

PackingListNumber is mandatory. A single instance is required.

The PackingList identifying number.

TransactionHistoryNumber

TransactionHistoryNumber is optional. A single instance might exist.

A sequential number that keeps track of the version of a document being sent by the document originator except in the case where

TransactionHistoryConfirmation is used, in which case the TransactionHistoryNumber refers to the trigger transaction for which the confirmation is being sent.

PackingListDate

PackingListDate is mandatory. A single instance is required.

Used to identify the issue date of the PackingList transaction.

PackingListReference

PackingListReference is optional. Multiple instances might exist.

Element used to identify any external or associated documents, identifiers, etc.

BuyerParty

BuyerParty is mandatory. A single instance is required.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

BillToParty

BillToParty is optional. A single instance might exist.

The address where the invoice is to be sent.

SupplierParty

SupplierParty is mandatory. A single instance is required.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

CarrierParty

CarrierParty is optional. A single instance might exist.

The party performing the transport of the product from the pickup location to the ship-to location; could be a hauler.

SenderParty

SenderParty is optional. A single instance might exist.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is optional. Multiple instances might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

ShipToCharacteristics

ShipToCharacteristics is mandatory. A single instance is required.

A group item that provides information important for the Ship-To Party.

ShipToCharacteristics may be referenced at both the header and line item level. The reference at the header is required and acts as a default for the value at the line level, unless overridden at the line level.

EstimatedArrivalDate

EstimatedArrivalDate is optional. A single instance might exist.

An estimation of the arrival date.

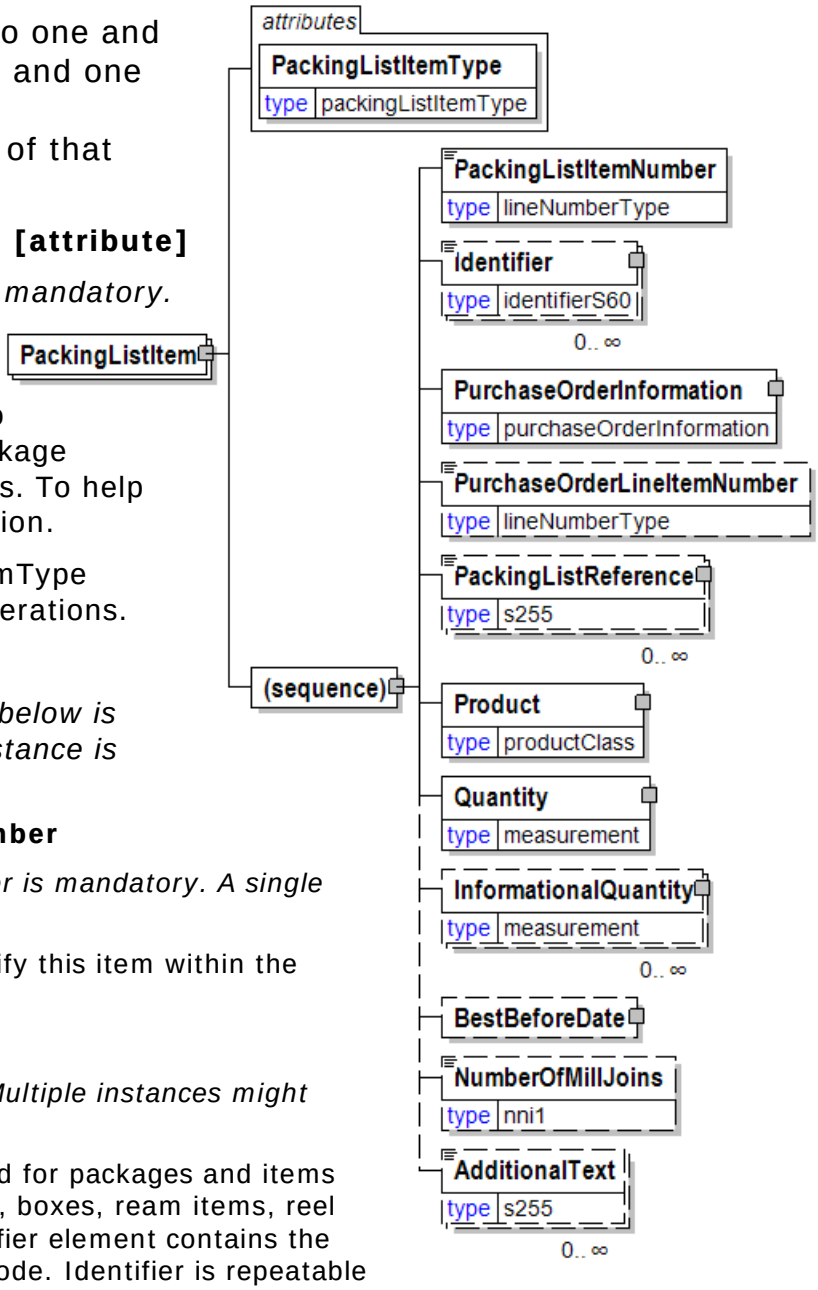
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

PackingListItem

The required element PackingListItem refers to one and only one PurchaseOrder and one and only one PurchaseOrderLineItem of that PurchaseOrder.



PackingListItemType [attribute]

PackingListItemType is mandatory. A single instance is required.

This attribute is used to identify the type of package configuration the item is. To help with physical identification.

Refer to PackingListItemType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PackingListItemNumber

PackingListItemNumber is mandatory. A single instance is required.

Used to uniquely identify this item within the PackingList.

Identifier

Identifier is optional. Multiple instances might exist.

An Identifier is required for packages and items (pallets, reel packages, boxes, ream items, reel items, etc). The Identifier element contains the actual item identifier code. Identifier is repeatable so more than one identifier can be communicated. For example, the printed identifier on a label may be different from the barcode printed on the label.

PurchaseOrderInformation

PurchaseOrderInformation is mandatory. A single instance is required.

A group item containing information unique to this PurchaseOrder, which is provided by the buyer. PurchaseOrderInformation can be optional in the supply chain. Invoices are created without having a PurchaseOrder in Vendor Managed Inventory. Freight invoices also will not have a PurchaseOrder number.

PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber is optional. A single instance might exist.

The sequential number that uniquely identifies the PurchaseOrder line item.

PackingListReference

PackingListReference is optional. Multiple instances might exist.

Element used to identify any external or associated documents, identifiers, etc.

Product

Product is mandatory. A single instance is required.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

BestBeforeDate

BestBeforeDate is optional. A single instance might exist.

The date, prior to which, the product is suggested to be used.

NumberOfMillJoins

NumberOfMillJoins is optional. A single instance might exist.

The number of joins in the reel.

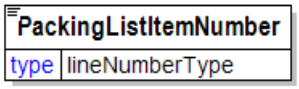
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

PackingListItemNumber

Used to uniquely identify this item within the PackingList.



PackingListItemType [attribute]

This attribute is used to identify the type of package configuration the item is. To help with physical identification.



This item is restricted to the following list.

Box

Ream

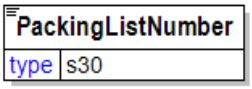
Reel

Sheet

Other

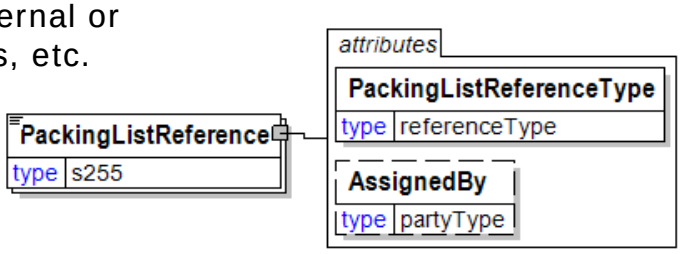
PackingListNumber

The PackingList identifying number.



PackingListReference

Element used to identify any external or associated documents, identifiers, etc.



PackingListReferenceType [attribute]

PackingListReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to PackingListReferenceType definition for any enumerations.

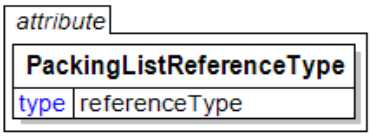
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

PackingListReferenceType [attribute]



Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

PackingListStatusType [attribute]



Attribute is used to identify the PackingList status.

This item is restricted to the following list.

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

Original

The supplied information is the first version of that information.

Replaced

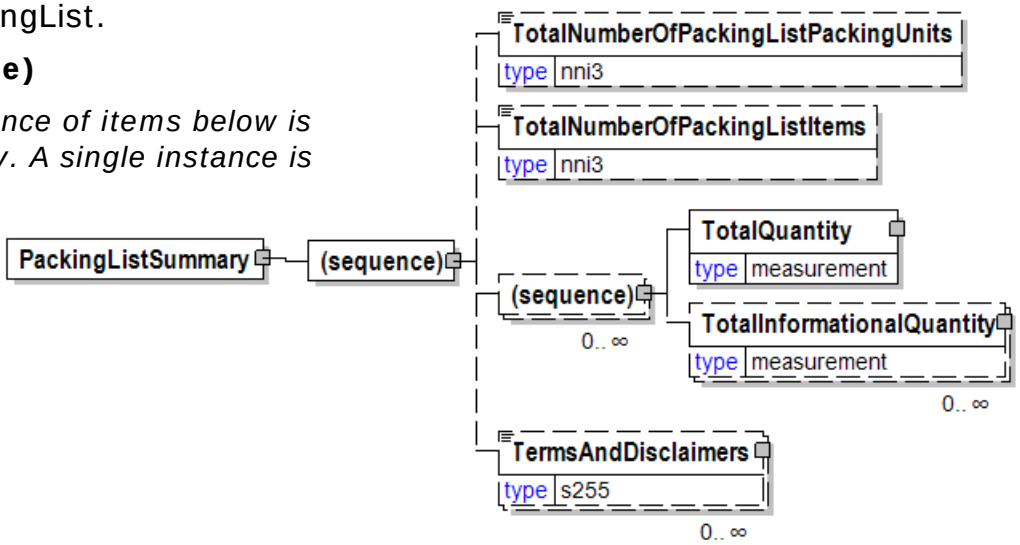
The supplied information is replacing earlier supplied information. The receiver should revalidate the information in their system based upon the entire information received.

PackingListSummary

PackingListSummary contains summary information applicable to the entire PackingList.

(sequence)

The sequence of items below is mandatory. A single instance is required.



TotalNumberOfPackingListPackingUnits

TotalNumberOfPackingListPackingUnits is optional. A single instance might exist.

TotalNumberOfPackingListPackingUnits

TotalNumberOfPackingListItems

TotalNumberOfPackingListItems is optional. A single instance might exist.

Total Number Of PackingList Items

(sequence)

The sequence of items below is optional. Multiple instances might exist.

TotalQuantity

TotalQuantity is mandatory. A single instance is required.

The total quantity of similar items in the e-Document. TotalQuantity is primarily used in the summary section of documents where it is repeatable to permit totaling for different units of measure.

TotalInformationalQuantity

TotalInformationalQuantity is optional. Multiple instances might exist.

A quantity that is used to communicate related information about the parent element. This element represents a total that is derived from individual line items.

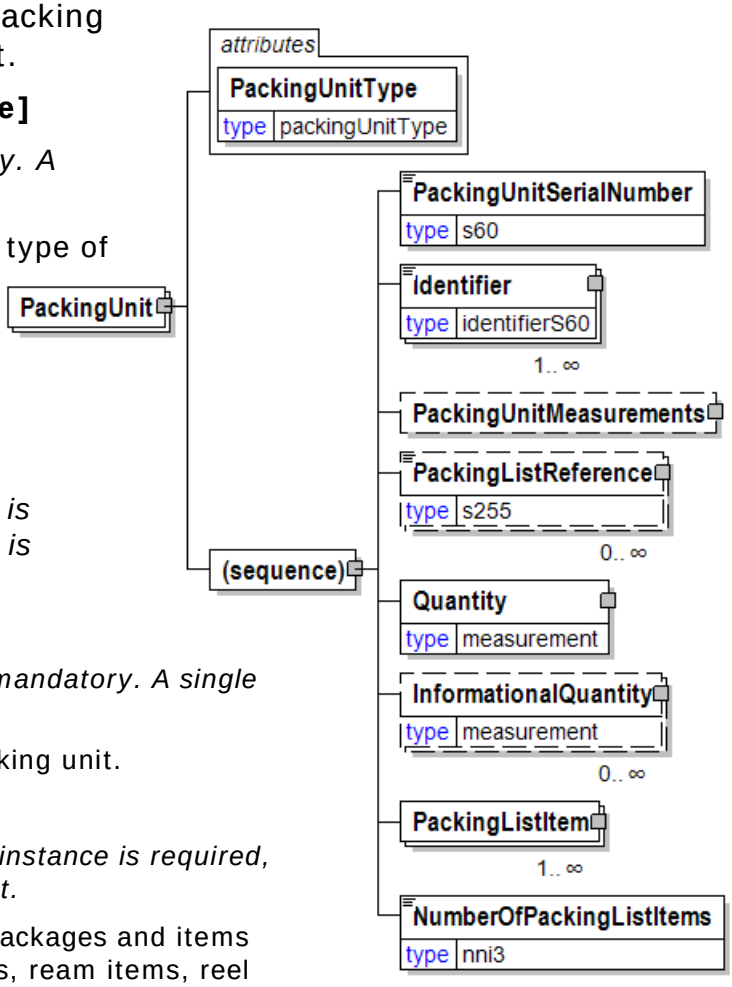
TermsAndDisclaimers

TermsAndDisclaimers is optional. Multiple instances might exist.

An element that contains legal information with an indication of what the Language is.

PackingUnit

Describes the major unit of packing the materials in the shipment.



PackingUnitType [attribute]

PackingUnitType is mandatory. A single instance is required.

Attribute used to identify the type of this packing unit.

Refer to PackingUnitType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PackingUnitSerialNumber

PackingUnitSerialNumber is mandatory. A single instance is required.

The serial number of the packing unit.

Identifier

Identifier is mandatory. One instance is required, multiple instances might exist.

An Identifier is required for packages and items (pallets, reel packages, boxes, ream items, reel items, etc). The Identifier element contains the actual item identifier code. Identifier is repeatable so more than one identifier can be communicated. For example, the printed identifier on a label may be different from the barcode printed on the label.

PackingUnitMeasurements

PackingUnitMeasurements is optional. A single instance might exist.

A group element construct detailing the measurements, height, weight, and length, of the specified packing unit.

PackingListReference

PackingListReference is optional. Multiple instances might exist.

Element used to identify any external or associated documents, identifiers, etc.

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

PackingListItem

PackingListItem is mandatory. One instance is required, multiple instances might exist.

The required element PackingListItem refers to one and only one PurchaseOrder and one and only one PurchaseOrderLineItem of that PurchaseOrder.

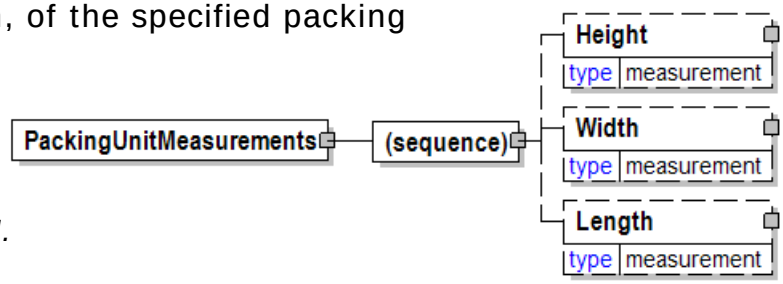
NumberOfPackingListItems

NumberOfPackingListItems is mandatory. A single instance is required.

The number of PackingList items in a PackingUnit of the PackingList.

PackingUnitMeasurements

A group element construct detailing the measurements, height, weight, and length, of the specified packing unit.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Height

Height is optional. A single instance might exist.

The height of the object.

Width

Width is optional. A single instance might exist.

The width of the object.

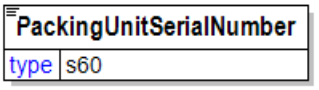
Length

Length is optional. A single instance might exist.

The length of the object.

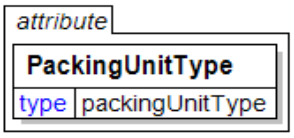
PackingUnitSerialNumber

The serial number of the packing unit.



PackingUnitType [attribute]

Attribute used to identify the type of this packing unit.



This item is restricted to the following list.

Container

Pallet

Stack

Other

PagesPerSet

Pages per Set



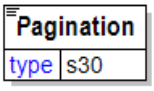
PagesPerSignature

Pages per signature



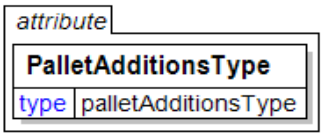
Pagination

Number of pages that make up a book.



PalletAdditionsType [attribute]

Gives additional characteristics of the pallet



This item is restricted to the following list.

FullPerimeter

The pallet has a full perimeter.

FungicideTreatment

The pallet wood has received a fungicide treatment.

LongSlats

The pallet has long slats.

NoBlockOffset

The pallet is a no-block offset.

Reinforced

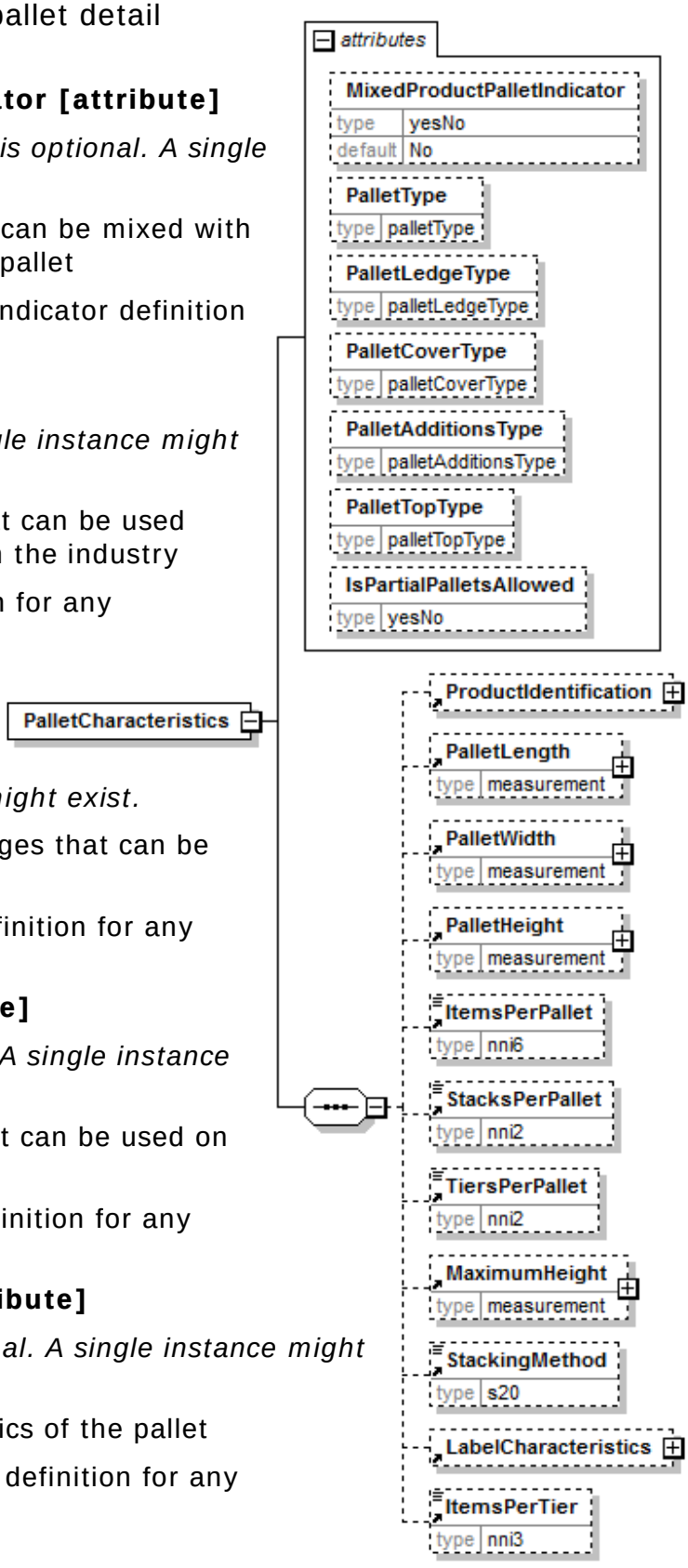
The pallet is reinforced.

TrimmedEdges

The pallet has trimmed edges

PalletCharacteristics

A group item that provides pallet detail information.



MixedProductPalletIndicator [attribute]

MixedProductPalletIndicator is optional. A single instance might exist.

Specifies whether a product can be mixed with other products on the same pallet

Refer to MixedProductPalletIndicator definition for any enumerations.

PalletType [attribute]

PalletType is optional. A single instance might exist.

Details the type of pallet that can be used These pallets are common in the industry

Refer to PalletType definition for any enumerations.

PalletLedgeType [attribute]

PalletLedgeType is optional. A single instance might exist.

Details the type of pallet ledges that can be used

Refer to PalletLedgeType definition for any enumerations.

PalletCoverType [attribute]

PalletCoverType is optional. A single instance might exist.

Details the type of cover that can be used on top of the pallet body

Refer to PalletCoverType definition for any enumerations.

PalletAdditionsType [attribute]

PalletAdditionsType is optional. A single instance might exist.

Gives additional characteristics of the pallet

Refer to PalletAdditionsType definition for any enumerations.

PalletTopType [attribute]

PalletTopType is optional. A single instance might exist.

Details the type of pallet top that can be used

Refer to PalletTopType definition for any enumerations.

IsPartialPalletsAllowed [attribute]

IsPartialPalletsAllowed is optional. A single instance might exist.

Indicates if partial pallets are allowed or not.

This item is restricted to the following list.

Refer to IsPartialPalletsAllowed definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ProductIdentification

ProductIdentification is optional. A single instance might exist.

A grouping element designed to communicate product identification related to the parent element that contains this item.

PalletLength

PalletLength is optional. A single instance might exist.

The measurement value of the length of the pallet.

PalletWidth

PalletWidth is optional. A single instance might exist.

The measurement value of the width of the pallet.

PalletHeight

PalletHeight is optional. A single instance might exist.

The measurement value of the height of the pallet.

ItemsPerPallet

ItemsPerPallet is optional. A single instance might exist.

The number of items on the pallet (either reels or sheet or sheet-package).

StacksPerPallet

StacksPerPallet is optional. A single instance might exist.

The number of stacks on a pallet, where a stack is a vertical arrangement of items (looking down from above).

TiersPerPallet

TiersPerPallet is optional. A single instance might exist.

The number of tiers on the pallet, where a tier is a layer of items.

MaximumHeight

MaximumHeight is optional. A single instance might exist.

The maximum height allowed including the pallet.

StackingMethod

StackingMethod is optional. A single instance might exist.

A text field describing the pattern used when stacking of pallets.

LabelCharacteristics

LabelCharacteristics is optional. A single instance might exist.

A group item that organises the labeling information.

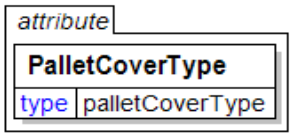
ItemsPerTier

ItemsPerTier is optional. A single instance might exist.

Number of items on each full tier, e.g. number of boxes, gaylords, loose books etc. on a tier on a pallet.

PalletCoverType [attribute]

Details the type of cover that can be used on top of the pallet body



This item is restricted to the following list.

MetalPlateWithPE

A metal plate covers the pallet with polyethylene on top.

WithoutPE

The pallet cover is without polyethylene on top.

WithPE

The pallet cover is with polyethylene on top.

WithPEUnderCover

The pallet cover is with polyethylene under the wooden plates.

WoodStripWithPE

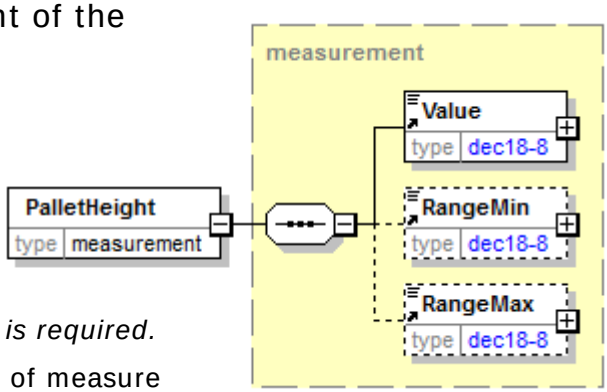
The pallet cover is made up from a wood strip with polyethylene on top

WoodStripWithoutPE

The pallet cover is made up from a wood strip without polyethylene on top.

PalletHeight

The measurement value of the height of the pallet.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the

parent of this element.

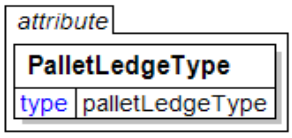
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

PalletLedgeType [attribute]

Details the type of pallet ledges that can be used



This item is restricted to the following list.

LongWay

The ledge wood is on the long side of the pallet.

LongWayWithBelt

The ledge wood is on the long side of the pallet, with a packaging belt.

ShortWay

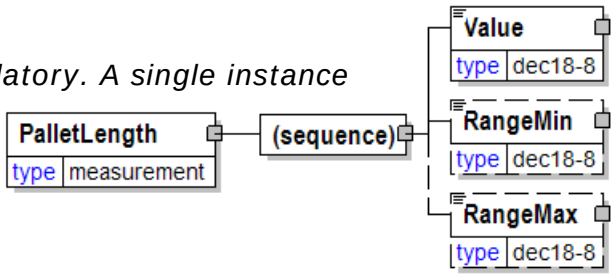
The ledge wood is on the short side of the pallet.

ShortWayWithBelt

The ledge wood is on the short side of the pallet, with a packaging belt

PalletLength

The measurement value of the length of the pallet.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

RangeMax

RangeMax is optional. A single instance might exist.

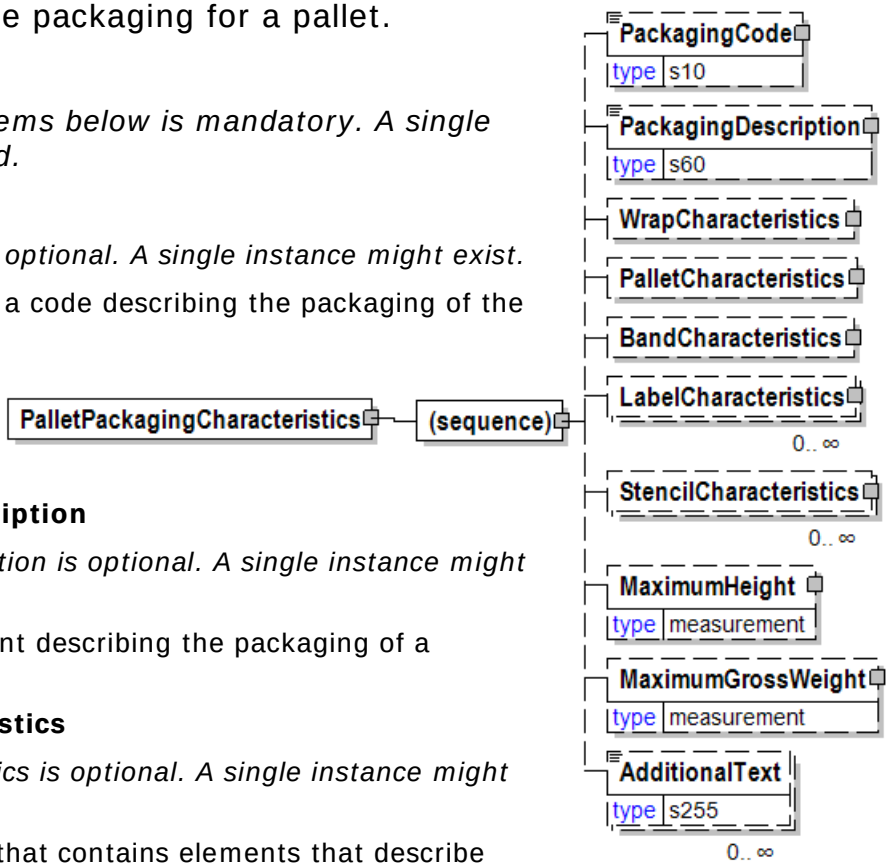
The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

PalletPackagingCharacteristics

PalletPackagingCharacteristics details the characteristics of the packaging for a pallet.

(sequence)

The sequence of items below is mandatory. A single instance is required.



PackagingCode

PackagingCode is optional. A single instance might exist.

PackagingCode is a code describing the packaging of the product.

PackagingDescription

PackagingDescription is optional. A single instance might exist.

A text field element describing the packaging of a product.

WrapCharacteristics

WrapCharacteristics is optional. A single instance might exist.

A group element that contains elements that describe the manner in which the item is wrapped.

PalletCharacteristics

PalletCharacteristics is optional. A single instance might exist.

A group item that provides pallet detail information.

BandCharacteristics

BandCharacteristics is optional. A single instance might exist.

A group item that organises the packaging band detail information.

LabelCharacteristics

LabelCharacteristics is optional. Multiple instances might exist.

A group item that organises the labeling information.

StencilCharacteristics

StencilCharacteristics is optional. Multiple instances might exist.

A group element specifying attributes of a stencil to be applied to an item, and optional text.

MaximumHeight

MaximumHeight is optional. A single instance might exist.

The maximum height allowed including the pallet.

MaximumGrossWeight

MaximumGrossWeight is optional. A single instance might exist.

The maximum weight allowed including the pallet.

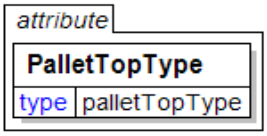
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

PalletTopType [attribute]

Details the type of pallet top that can be used



This item is restricted to the following list.

CartonboardCover

The pallet top is composed of carton-board

Chipboard

The pallet top is composed of chipboard.

Corrugated

The pallet top is composed of corrugated board.

EdgeProtection

The pallet top has edge protections for the sheets of paper placed on top. They are placed on the top pallet edges.

FiveStripsOfWood

The pallet top is composed of five strips of wood.

FullyCoverThreeCrossBoards

The pallet top is composed of a fully wooden cover with three cross ledges on top.

FungicTreatWoodFrame

The pallet top is composed of a wooden frame, which is treated with fungicide.

OneStripOfWood

The pallet top is composed of one strip of wood.

PlywoodCover

The pallet top is composed of plywood.

TwoStripsOfWood

The pallet top is composed of two strips of wood.

ThreeStripsOfWood

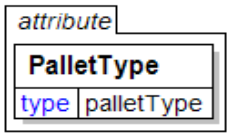
The pallet top is composed of three strips of wood.

WoodenFrame

The pallet top is composed of a wooden frame

PalletType [attribute]

Details the type of pallet that can be used These pallets are common in the industry



This item is restricted to the following list.

Euro

The pallet is the standardized Euro pallet type.

Export

The pallet is the standardized export pallet type.

ISPM15Treated

Specifies that wood pallet must be treated or fumigated according to the ISPM 15 regulation.

NonPalletised

The product is not on a pallet.

NonStop

The pallet is the standardized non-stop pallet type.

Twinned

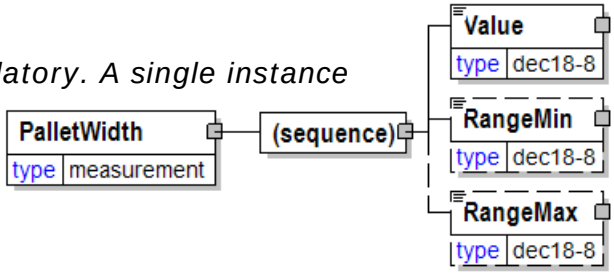
Two pallets have been joined together

PalletWidth

The measurement value of the width of the pallet.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

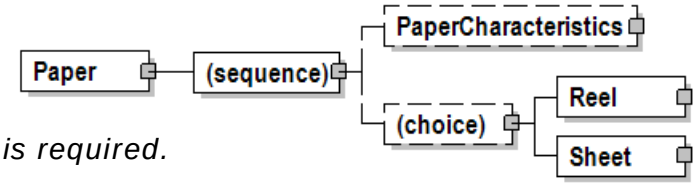
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

Paper

A group item defining the characteristics of the paper product.



(sequence)

The sequence of items below is mandatory. A single instance is required.

PaperCharacteristics

PaperCharacteristics is optional. A single instance might exist.

The identifying characteristics of paper most important to the ordering of the item. These are the characteristics that, when associated with a given grade, allow the manufacturer to produce but not convert or package, the paper.

(choice)

[choice] is optional because of choice construct.

Reel

Reel is optional because of choice construct.

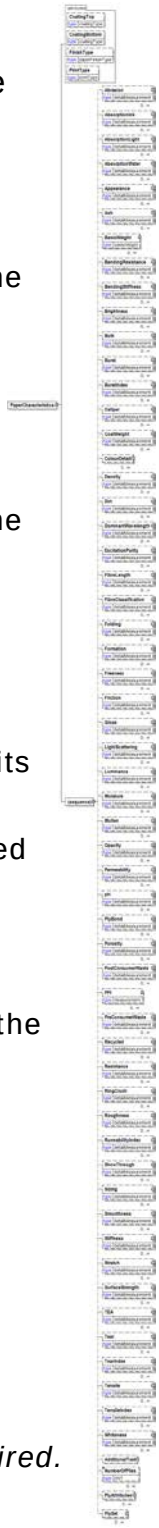
A group item that contains the conversion and packaging characteristics of a reel.

Sheet

Sheet is optional because of choice construct.

A group item that contains the conversion and packaging characteristics for sheets.

PaperCharacteristics



The identifying characteristics of paper most important to the ordering of the item. These are the characteristics that, when associated with a given grade, allow the manufacturer to produce but not convert or package, the paper.

CoatingTop [attribute]

CoatingTop is optional. A single instance might exist.

Used to specify the type of coating applied to the top or bottom of the paper sheet

Refer to CoatingTop definition for any enumerations.

CoatingBottom [attribute]

CoatingBottom is optional. A single instance might exist.

Used to specify the type of coating applied to the top or bottom of the paper sheet

Refer to CoatingBottom definition for any enumerations.

FinishType [attribute]

FinishType is optional. A single instance might exist.

Defines the finish of a sheet of paper, which means the condition of its surface (refer to Embossing for more information).

Finishes may be produced on or off machine. Finishes that are created off-machine are called embossed. (Embossing is a child element of ReelConversionCharacteristics and SheetConversionCharacteristics.)

Note:

Embossed" as a finish type is just a generalized choice for one of the more specific choices listed.

Unsupercalendered" as a finish type would be indicated by not communicating a finish type.

Refer to FinishType definition for any enumerations.

PrintType [attribute]

PrintType is optional. A single instance might exist.

Refer to PrintType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Abrasion

Abrasion is optional. Multiple instances might exist.

A group item used to communicate abrasion loss target or test value.

AbsorptionInk

AbsorptionInk is optional. Multiple instances might exist.

A group item used to communicate ink absorption target or test value.

AbsorptionLight

AbsorptionLight is optional. Multiple instances might exist.

A group item used to communicate light absorption target or test value.

AbsorptionWater

AbsorptionWater is optional. Multiple instances might exist.

A group item used to communicate water absorption target or test value.

Appearance

Appearance is optional. Multiple instances might exist.

A group item used to communicate appearance.

Ash

Ash is optional. Multiple instances might exist.

A group item used to communicate the ash content of the product according to a particular TestMethod.

BasisWeight

BasisWeight is optional. Multiple instances might exist.

The weight of the paper expressed as a mass for a given surface area. In countries using the metric system, the basis weight is expressed as the weight in grams of one sheet of paper that is one square meter in area—not dependent on basic sheet size. In countries using the imperial system, the weight is expressed in pounds for a given ProductBasisSizeType.

BendingResistance

BendingResistance is optional. Multiple instances might exist.

Bending resistance

BendingStiffness

BendingStiffness is optional. Multiple instances might exist.

BendingStiffness

Brightness

Brightness is optional. Multiple instances might exist.

A measurement of the degree of light reflectivity of the product.

Bulk

Bulk is optional. Multiple instances might exist.

A group item used to communicate bulking thickness target or test value.

Burst

Burst is optional. Multiple instances might exist.

A group item used to communicate bursting strength target or test value according to a particular TestMethod.

BurstIndex

BurstIndex is optional. Multiple instances might exist.

The burst index.

Caliper

Caliper is optional. Multiple instances might exist.

The thickness of a sheet of paper under standard test conditions.

CoatWeight

CoatWeight is optional. Multiple instances might exist.

A group item used to communicate the coating thickness target or test value according to a particular TestMethod.

ColourDetail

ColourDetail is optional. Multiple instances might exist.

A group item used to communicate details of colour according to the selected colour definition scheme.

Density

Density is optional. Multiple instances might exist.

A group item used to communicate density target or test value according to a particular TestMethod.

Dirt

Dirt is optional. Multiple instances might exist.

A group item used to communicate dirt content target or test value according to a particular TestMethod.

DominantWavelength

DominantWavelength is optional. Multiple instances might exist.

Dominant wavelength

ExcitationPurity

ExcitationPurity is optional. Multiple instances might exist.

Excitation purity

FibreLength

FibreLength is optional. Multiple instances might exist.

A group item used to communicate fibre length target or test value according to a particular TestMethod.

FibreClassification

FibreClassification is optional. Multiple instances might exist.

A group item used to communicate fibre classification according to the specified classification scheme.

Folding

Folding is optional. Multiple instances might exist.

A group item used to communicate folding endurance target or test value according to a particular TestMethod.

Formation

Formation is optional. Multiple instances might exist.

A group item used to communicate sheet formation target or test value according to a particular TestMethod.

Freeness

Freeness is optional. Multiple instances might exist.

Freeness

Friction

Friction is optional. Multiple instances might exist.

A group item used to communicate static and kinetic friction target or test value according to a particular TestMethod.

Gloss

Gloss is optional. Multiple instances might exist.

A group item used to communicate specular gloss target or test value according to a particular TestMethod.

LightScattering

LightScattering is optional. Multiple instances might exist.

A group item used to communicate light scattering coefficients according to a particular TestMethod.

Luminance

Luminance is optional. Multiple instances might exist.

Luminance

Moisture

Moisture is optional. Multiple instances might exist.

Desired percentage, or other indicator, of water in the product at the time of shipment.

Mullen

Mullen is optional. Multiple instances might exist.

Mullen, also called “burst strength”, is the amount of pressure required to rupture paper or linerboard when applied to its surface. The unit of measure is KiloPascal (sometimes abbreviated as “kPa”).

Opacity

Opacity is optional. Multiple instances might exist.

A group item used to communicate opacity target or test value according to a particular TestMethod.

Permeability

Permeability is optional. Multiple instances might exist.

A group item used to communicate air permeability target or test value according to a particular TestMethod.

pH

pH is optional. Multiple instances might exist.

A group item used to communicate pH (degree of acidity versus basicity) target or test value according to a particular TestMethod.

PlyBond

PlyBond is optional. Multiple instances might exist.

A group item used to communicate internal bond strength target or test value between plies according to a particular TestMethod.

Porosity

Porosity is optional. Multiple instances might exist.

A group item used to communicate a permeability target or test value.

PostConsumerWaste

PostConsumerWaste is optional. Multiple instances might exist.

A group item used to communicate the target or test value percentage of post consumer waste fibre in the product according to a particular TestMethod.

PPI

PPI is optional. Multiple instances might exist.

A group item used to communicate the number of pages in an inch of thickness either as a target or actual value. Equal to the number of sheets per inch times 2.

PreConsumerWaste

PreConsumerWaste is optional. Multiple instances might exist.

A group item used to communicate the target or test value percentage of pre-consumer waste fibre in the product according to a particular TestMethod.

Recycled

Recycled is optional. Multiple instances might exist.

A group item used to communicate the target or test value total percentage of waste fibre in the product according to a particular TestMethod.

Resistance

Resistance is optional. Multiple instances might exist.

A group item used to communicate air resistance target or test value according to a particular TestMethod.

RingCrush

RingCrush is optional. Multiple instances might exist.

Ring Crush

Roughness

Roughness is optional. Multiple instances might exist.

A group item used to communicate surface roughness target or test value according to a particular TestMethod.

RunnabilityIndex

RunnabilityIndex is optional. Multiple instances might exist.

A group item used to communicate the calculated run-ability index target or test value.

ShowThrough

ShowThrough is optional. Multiple instances might exist.

Show through

Sizing

Sizing is optional. Multiple instances might exist.

A group item used to communicate size test of paper by ink resistance target or test value.

Smoothness

Smoothness is optional. Multiple instances might exist.

A group item used to communicate surface smoothness target or test value according to a particular TestMethod.

Stiffness

Stiffness is optional. Multiple instances might exist.

A group item used to communicate stiffness target or test value.

Stretch

Stretch is optional. Multiple instances might exist.

A group item used to communicate stretch target or test value.

SurfaceStrength

SurfaceStrength is optional. Multiple instances might exist.

Surface Strength

TEA

TEA is optional. Multiple instances might exist.

Tensile Energy Absorption.

Tear

Tear is optional. Multiple instances might exist.

A group item used to communicate tearing resistance target or test value according to a particular TestMethod.

TearIndex

TearIndex is optional. Multiple instances might exist.

TearIndex

Tensile

Tensile is optional. Multiple instances might exist.

A group item used to communicate zero-span tensile strength target or test value according to a particular TestMethod.

TensileIndex

TensileIndex is optional. Multiple instances might exist.

Tensile Index

Whiteness

Whiteness is optional. Multiple instances might exist.

A group item used to communicate degree of whiteness target or test value according to a particular TestMethod.

AdditionalTest

AdditionalTest is optional. A single instance might exist.

AdditionalTest exists to enable the inclusion of a test that has not been identified by papiNet.org. It is always a single-instance element so it is very important that users, who come upon a test that papiNet.org has not identified, communicate the need for this test to us at www.papiNet.org.

NumberOfPlies

NumberOfPlies is optional. Multiple instances might exist.

The number of layers of paper product joined together to make the final saleable product.

PlyAttributes

PlyAttributes is optional. Multiple instances might exist.

The characteristics of the plies of paper or tissue. Manufacturing data relevant to each ply that constitutes the final product

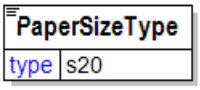
PlySet

PlySet is optional. Multiple instances might exist.

PlySet.

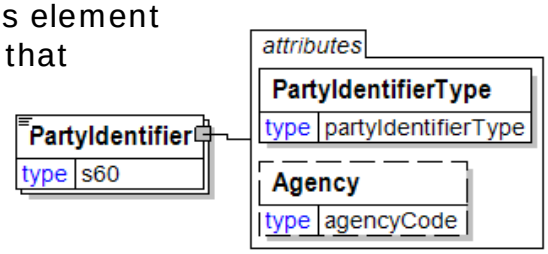
PaperSizeType

A field that defines the sheet size using the DIN standard (DINA4, DINA3, and so on).



PartyIdentifier

A unique identifier of a specific party. This element contains an attribute PartyIdentifierType that indicates the type of party.



PartyIdentifierType [attribute]

PartyIdentifierType is mandatory. A single instance is required.

Provides a contextual definition for the party identifier value. This party identifier enables the trading partners to use ID codes for the different organisation versus business entities involved in the transaction.

Refer to PartyIdentifierType definition for any enumerations.

Agency [attribute]

Agency is optional. A single instance might exist.

Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

PartyIdentifierType [attribute]

Provides a contextual definition for the party identifier value. This party identifier enables the trading partners to use ID codes for the different organisation versus business entities involved in the transaction.



This item is restricted to the following list.

ABINumber

Associazione Bancaria Italiana – Identifies the bank as an entity in Italy.

ABNNumber

The Australian Business Number (ABN) is a single identifier for dealings with the Australian Taxation Office (ATO). The Australian Business Register assigns it.

AFPA

American Forest and Paper Association identifier.

AssignedByAgency

A unique identifier for the party in question that has been assigned by the agency given in the attribute Agency for the PartyIdentifier. Attribute Agency is mandatory when party identifier type AssignedByAgency is used.

AssignedByBuyer

A unique identifier for the party in question that has been assigned by the buyer (for example, a seller's code).

AssignedByReceiver

A unique identifier for the party in question that has been assigned by the receiver of the e-Document.

AssignedBySeller

A unique identifier for the party in question that has been assigned by the seller (for example, account number for the buyer).

AssignedBySender

A unique identifier for the party in question that has been assigned by the sender of the e-Document.

BankIdentificationCode

A unique country-specific code to identify a bank organisation for electronic transaction. Used to specify the bank routing information needed for electronic remittance. This information is used with the RemitToParty information to effect payment. Examples include:

ACH Number in the United States

Sort Code in the UK

Bankleitzahl in Germany

Code banque/agence in France

BankIdentificationCode should not be mixed up with Bank Identifier Code (BIC). Bank Identifier Code (BIC) is an international standard for identifying Financial Institutions. Please see enumeration SWIFT for more information about BIC.

BankgiroAccountNumber

Defines an account number in the bankgiro system for domestic payments in Sweden. See http://www.bankgirot.se/ for more information.

CABNumber

Codice Avviamento Bancario – Identifies which branch of the bank in Italy.

ChamberOfCommerceRegistrationNumber

C.C.I.A.A. Number in Italy.

Domicile

Domicile

DunsNumber

A 9-digit identifier maintained by Dun & Bradstreet to uniquely identify a commercial enterprise.

Duns4Number

Similar to the DunsNumber that defines a parent company/organization. The additional 4 digits enable the definition/identification of a sub-entity, such as a mill/plant of this parent company/organisation.

EANNumber

To be deprecated in the next version. Use GlobalLocationNumber instead.

EORINumber

An Economic Operators Registration and Identification Number. This unique identifier for economic operators within European Community must be communicated to customs authorities within European Community as well as to customers. Mandatory since 26 February 2009 for all communication within customs offices. For more information please see

http://ec.europa.eu/taxation_customs/resources/documents/customs/policy_issues/e-customs_initiative/it_projects/TAXUD1633(2008)_rev19_en.pdf

GlobalLocationNumber

The globally unique EAN-UCC System identification number for legal entities, functional entities and physical locations. The Global Location Number uses the EAN/UCC-13 Data Structure. Details about the structure and usage are available at the http://www.gs1.org website.

IBAN

International Banking Account Number. For payments emanating from and destined for abroad, the European banks (ECBS) have agreed to structure bank accounts in a uniform way.

This uniform structure of the account number is known as IBAN (International Bank Account Number). An IBAN consists of the code of the country where the account is held, 2 numeric check digits and a national account number (your traditional account number).

ISO6523Number

This partyidentifier type is defined by ISO 6523, Structure for the Identification of Organizations, which defines the standard for a code to be used for party identification in electronic data interchange. The code is globally unique, because of the used structure. The structure of the identifier is, using xxxx99999999(NNNNN) as the example:

xxxx The International Code Designator (ICD-code) is a fixed-length code of four digits that identifies the authority issuing the ISO 6523 organization

code; e.g. 0037 is the ICD-code (International Code Designator) for National Board of Taxes in Finland.

99999999 The organization code consists of up to 14 characters. The Code Designator (defined by ICD-code) defines the use of the organization code. The used code can be an existing code or, the code designator assigns the code to companies based on request. The Code Designator makes sure that the codes in their list are unique.

(NNNNN) Optional variable length information, to further identify the organization. The use of this is part defined by the code designator.

LegalSignature

Specifies the legal signature of the party, for example the name of the managing director.

papiNetGlobalPartyIdentifier

A readily available and free identifier supported by IANA (the Internet Assigned Numbers Authority). Private Enterprise Numbers that conforms to proper URI naming conventions are available, free-of-charge from the Internet Assigned Numbers Authority (IANA). The application form is available at the http://www.iana.org/cgi-bin/enterprise.pl website. papiNet will be developing a broader recommendation for party naming in the future however, obtaining an IANA Private Enterprise Number (PEN) will permit globally unique trading partner identification.

PatenteNumber

A unique four-digit assigned to each Mexican Freight broker.

PayeeAccountNumber

Defines the bank account number of the party receiving payment.

PayeeInternalAccountNumber

The company's internal bank which is used to settle payments between internal units. It's not the bank account.

PayeeFinancialInstitution

The designation of the financial institution of the party receiving the payment.

PayerAccountNumber

Defines the bank account number of the party responsible for making the payment.

PayerFinancialInstitution

The designation of the financial institution of the party responsible for making the payment.

PlusgiroAccountNumber

Defines an account number in the plusgiro system for domestic payments in Sweden. See www.plusgirot.se for more information.

RegisterOfCompaniesSubscriptionNumber

Iscrizione al Reg. Imprese Nr. In Italy.

StandardAddressNumber

A 7-digit code to uniquely identify an organisation and its location. The number consists of 6 digits with an 11-modulus check digit as the seventh digit. ISAN is the same with the ISO Country code as a prefix. This identifier is solely used by the book industry.

StandardCarrierAlphaCode

A 4-character code identifying a trucking company. The Washington National Motor Freight Association maintains these codes in the United States.

StockCapital

Capitale Sociale in Italy.

SWIFT

SWIFT also refer to as Bank Identifier Code (BIC) is an international standard for identifying Financial Institutions.

The Bank Identifier Code (BIC) developed by SWIFT is adopted by the International Organization for Standardization (ISO). ISO has appointed SWIFT as the registration authority for the assignment of BICs (ISO 9362) and for the publication of BICs in the BIC Directory.

There are two types of BIC, 8 character BIC and 11 character BIC. The 8 character BIC identifies a financial institution in a country or a location. The 11 character BIC identifies the financial institution's branch.

For more information please see

http://www.swift.com/biconline/index.cfm?fuseaction=display_aboutbic

TaxAuthorization

Specifies that the party is authorized for paying tax for employees.

TaxIdentifier

A unique number assigned by the relevant tax authority to identify a party. This constraint is used in relation to tax. Note: This constraint must be specified when the party is tax exempt.

TradeRegNumber

Trade Registration Number

UN/ECE

To be deprecated in the next version. Use @Agency to indicate this selection.

VATIdentificationNumber

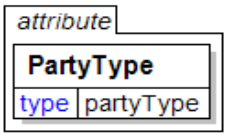
A unique number assigned by the relevant tax authority to identify a party. This constraint is used in relation to value-added tax (VAT).

Other

Used for any other identification schemes not covered by this list.

PartyType [attribute]

Identifies the business role associated with the particular party



This item is restricted to the following list.

Auditor

A third party that is authorized for making audits and checkings.

Bank

The banking representative.

BillTo

The address where the invoice is to be sent. (Not to be used for logistics BillTo, see LogisticsBillTo.)

BorderCrossing

A geographic location separating two countries authorised to validate customs documentation.

Broker

The organisation acting as a broker for the buyer or supplier.

Buyer

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the “Payer”, the “Buyer” is the “Payer”. (Not to be used for logistics buyer, see LogisticsBuyer.)

BuyerAgent

The entity acting for the buyer in the transaction. (Not to be used for logistics BuyerAgent, see LogisticsBuyerAgent.)

Carrier

The organisation or business entity that transports goods.

CarrierAssignmentResponsible

The organisation to which the carrier has assigned some task.

ComponentVendor

Vendor producing supplied components.

Compositor

Party that formats written material and illustrations for printing or electronic display.

Consignee

To be deprecated in version 3.0 (no date determined). Use LogisticsRole attribute to communicate this information.

Consignor

To be deprecated in version 3.0 (no date determined). Use LogisticsRole attribute to communicate this information.

Consuming

The eventual consumer of the material

Converter

The organisation responsible for changing one form of paper into another form, providing specialised functions not available to the supplier.

ContractParty

The organisation or business entity responsible for managing the contract between business partners.

CreditDepartment

The party responsible for credit authorization.

CrossDock

A third party involved in the transport of goods.

CustomerFacility

The type of the origin or destination location of a transport leg in a route is a buyer facility, usually a print site, or a warehouse owned by the buyer.

CustomerStock

A “virtual” location that indicates that the material is owned by the customer.

Customs

Any customs agency.

CustomsForwarder

A forwarder responsible for managing the transfer of goods through customs.

DomesticForwarder

A forwarder responsible for managing the transfer of goods.

EndUser

EndUser is the party using, consuming, or converting the product. For example, a printer using paper reels to print a job for a publisher (printer is the end user). The final ShipTo destination for a product is normally to the EndUser facilities.

ExportForwarder

A forwarder responsible for managing the export process.

ForestForwarder

The party responsible for transporting forest wood products from logging areas to roadside landings.

ForestHarvester

The party responsible for harvesting of forest wood products at logging areas.

Forwarder

The party responsible for shipping arrangements.

FreightPayer

The party responsible for paying freight.

Insurer

The party providing insurance coverage for the goods.

Landowner

The party who owns the land upon which the product was produced.

LoadingOperator

A party that is carrying out loading of transport units.

LoggingArea

A geographic location in the forest where logging takes place.

LogisticsBillTo

The address where the logistics invoice is to be sent.

LogisticsBuyer

The buyer of logistics services. The legal entity to which the service is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the “LogisticsPayer”, the “LogisticsBuyer” is the payer.

LogisticsBuyerAgent

The entity acting for the logistics buyer in the transaction.

LogisticsSeller

The seller of logistics services. LogisticsSupplier is the seller of the service, if logistics seller is not specified as OtherParty = LogisticsSeller

LogisticsSupplier

The party responsible for providing the service. LogisticsSupplier is also the seller of the service, if logistics seller is not specified as OtherParty = LogisticsSeller

LogisticsPayee

The party handling and receiving logistics payments on behalf of another party.

LogisticsPayer

The party handling and sending logistics payments of behalf of another party.

MainCarrier

The primary carrier involved in the movement of goods.

Measurer

The party that that is carrying out the measurement of the quantity and/or quality of the products. It can be a person, a piece of equipment or a device.

MeasuringParty

The party that is responsible for the measurements at the measuring location.

Merchant

A third party buying and reselling products.

Mill

A production facility.

NotifyParty

A party that needs to be notified of the status of the transaction.

OnBehalfOf

The activity in question is being made on behalf of this party.

OrderParty

The organisation or business entity placing the order if different from the buyer party.

OriginalOrderParty

Party which ordered the product from the Party sending the first level PurchaseOrder in an indirect purchase order process.

OriginalSupplier

The first supplier in a supply chain. OriginalSupplier is only intended to identify the business party, not the origin of the product.

Payee

The party handling and receiving payments on behalf of another party. (Not to be used for logistics payee, see LogisticsPayee.)

Payer

The party handling and sending payments of behalf of another party. (Not to be used for logistics payer, see LogisticsPayer.)

PlaceFinalDestination

The final destination of the goods.

PlaceOfAccept

The location where acceptance of the goods is to take place.

PlaceOfDespatch

The location where despatch took place.

PlaceOfDischarge

The location where the goods were unloaded.

PlaceOfLoading

The location where loading is to or took place.

PlaceOfMeasuring

The location where the products are measured.

PlaceOfReloading

A location where the goods where transferred from one transport type to another.

Port

The type of the origin or destination location of a transport leg in a route. It is a maritime location.

PreCarrier

The party responsible for activities prior to carrier accepting the goods (but after shipping has taken place).

PriceListParty

The organization or business entity responsible managing for the price list between business partners.

PrinterFacility

The location of the printer who will be using the product.

ProFormaInvoice

The organisation or business entity to which the pro-forma invoice will be sent.

Producer

The manufacturer of the goods.

ProductAgency

Organization responsible for defining unique product identifiers.

Publisher

Individual or corporation responsible for the printing and distribution of digital or printed publications.

RemitTo

The organisation or business entity to which payment will be made.

Requestor

The originator of the original PurchaseOrder requisition (for example, a printing plant ordering through a central purchasing organisation).

RoadKeeper

The party who is responsible for the maintenance of the road.

RoadOwner

The party who is the legal owner of the road.

SalesAgent

The organisation or person responsible for product sales acting on behalf of the seller.

SalesOffice

The functional unit in an organisation or business entity that is responsible for product sales.

Seller

The seller of the product. SupplierParty is the seller of the product, if Seller is not specified as OtherParty = Seller. (Not to be used for logistics seller, see LogisticsSeller.)

ServiceProvider

The party that is responsible for a service used by business partners.

ShipFromLocation

The location the goods were shipped from.

ShipOwner

The owner of the vessel used to ship the goods.

ShipTo

The address the material should be shipped to.

SubCarrier

A sub carrier of another the shipping company.

Supplier

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller. (Not to be used for logistics supplier, see LogisticsSupplier.)

Terminal

The type of the origin or destination location of a transport leg in a route. It can be a sea, road or rail terminal.

TerminalOperator

The party providing facilities such as loading, unloading, or warehousing.

UnloadingOperator

A party that is carrying out unloading of transport units.

Warehouse

A storage location. It can be the origin or destination location of a transport leg in a route.

WillAdvise

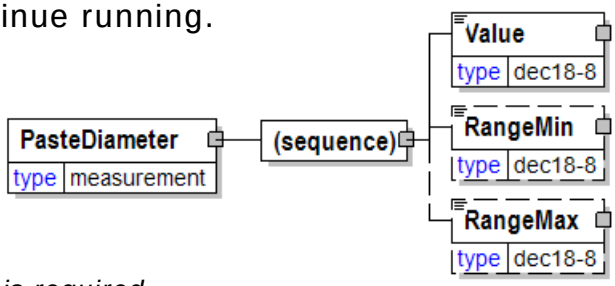
Indicates that party will be identified at a later time

Other

Any other organisation or business entity that may get involved in the transaction and that is not covered by the list.

PasteDiameter

The diameter measurement of a reel when a new reel of paper is glued or pasted to it to continue running.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

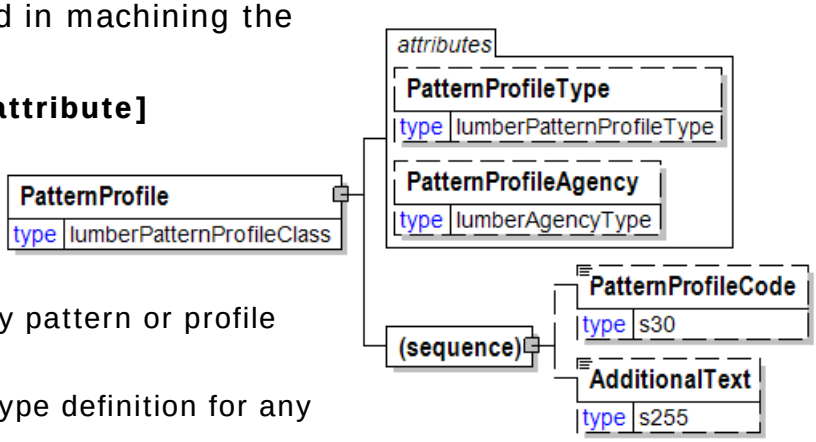
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

PatternProfile

Defines the pattern used in machining the product.



PatternProfileType [attribute]

PatternProfileType is optional. A single instance might exist.

Defines the name of any pattern or profile applied to the product.

Refer to PatternProfileType definition for any enumerations.

PatternProfileAgency [attribute]

PatternProfileAgency is optional. A single instance might exist.

LumberAgency identifies which agency is responsible for assigning the lumber attributes.

Refer to PatternProfileAgency definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PatternProfileCode

PatternProfileCode is optional. A single instance might exist.

Defines the code which is used to describe the pattern profile.

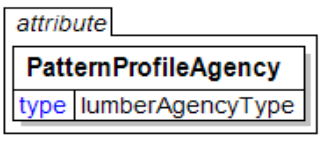
AdditionalText

AdditionalText is optional. A single instance might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

PatternProfileAgency [attribute]

LumberAgency identifies which agency is responsible for assigning the lumber attributes.



This item is restricted to the following list.

BS

BS-EN

British standard based on a European standard.

CEN

European Committee for Standardisation (http://www.cenorm.be)

DIN

EN338

EN1912

EN1611-1

EDISAW

Generic

GOST

Russian federal agency on technical regulating and metrology (http://www.gost.ru)

ISO

JAS

Japanese Agricultural Standard

NELMA

NLGA

NS

NSLB

RIS

RT

SIS

SPIB

WCLIB

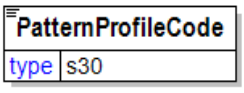
WRCLA

WWPA

Supplier

PatternProfileCode

Defines the code which is used to describe the pattern profile.

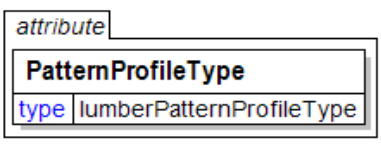


PatternProfileType [attribute]

Defines the name of any pattern or profile applied to the product.

This item is restricted to the following list.

Beveled Siding



Wedge shaped boards, installed so that each board is lapped over the edge of the board below.

Bungalow Siding

Channel Rustic Siding

Siding that includes a decorative molding with a concave groove

Colonial Siding

Dolly Varden Siding

Bevel siding, which is a wedge shaped board, installed so that each board is lapped over the edge of the board below, that has the addition of an L-shaped cutout at the edge or side of the wedge, overlapping the top of the board below.

Log Cabin Siding

Siding based on an Early American frontier style of housing, constructed of logs

Boston Pattern

Type of roofing where shingles butt tightly against each other at the hip with alternating shingle courses lapping over the edges of the opposing shingles.

CaulkingSeam

CB1S

Center bead on one side

CB2S

Center bead on two sides

CG2E

Center groove on two edges

CM

Center matched

CM 1/4 T and G

Center matched , ¼ inch tongued and grooved

CM 3/8 T and G

Center matched, 3/8 inch tongued and grooved Center matched and edge V one side

CM and EV 1S

Center matched and edge V one side

CM and EV 2S

Center matched and edge V two sided

CV1S

Center V on one side

CV2S

Center V on two sides

D and CM

Dressed and center matched

Dbl Plowed

E and CB1S

E and CB2S

Edge and center bead one side

E and CV2S

Edge and center bead two sides

EB1S

Edge bead one side

EB2S

Edge bead on two sides

EV1S

Edge V one side

EV2S

Edge V on two sides

Grooved for Splines

Plowed

S2S and CM 1/4 T and G

Surfaced two sides, center matched , ¼ inch tongued and grooved

S2S and CM 3/8 T and G

Surfaced two sides, center matched , 3/8 inch tongued and grooved

ShipLap

Boards with rabbeted edges overlapping.

ShipLap - 1/2 lap

Boards with ½ inch rabbeted edges overlapping.

ShipLap - 3/8 lap

Boards with 3/8 inch rabbeted edges overlapping.

ShipLap and EV1S

Boards with rabbeted edges overlapping and edge V on one side.

T and G

Tongued and grooved

V Rustic

V-CV Rustic

Channel Decking

S2S CM and EV1S Decking

Comnation Ceiling

DblBeaded Ceiling

Double Beaded Ceiling

E and CB Ceiling

E and CV Ceiling

EB Ceiling

EV Ceiling

V Ceiling

Beaded Partition

DblBeaded Partition

E and CB Partition

E and CV Partition

V Partition

Flooring

Flooring D and M

Flooring S2S and CM

Special D and M Flooring

EasedEdge

Rabbeted

RadiusEdge

Beaded Shelving 2 Bead

Beaded Shelving 3 Bead

Casket Stock S3S G1E

Casket Stock S3S T1E

Corn Cribbing

Grooved Roofing

Gutter-Boston

Gutter-Ohio

Jamb

Ogee Batten

Patent Lath

Pulley Stile

Still

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173 Spline

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220A

222A

224A

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305-a

305-b

305-c

305-d

305-e

405-a

405-b

405-c

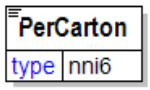
405-d

405-e

Other

PerCarton

A field indicating the number of sheets per carton.



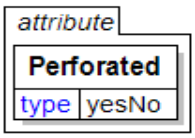
Perforated [attribute]

Either "Yes" or "No".

This item is restricted to the following list.

Yes

No



Perforation

Perforation information

PerforationType [attribute]

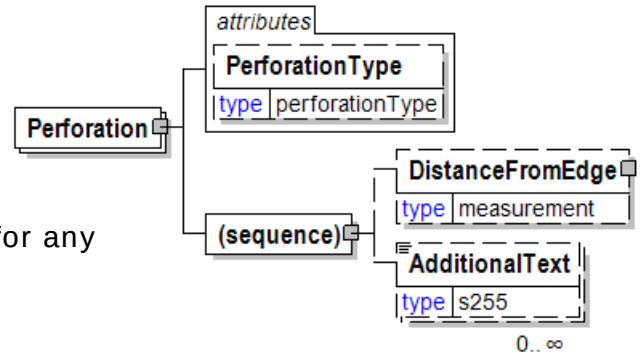
PerforationType is optional. A single instance might exist.

Perforation type

Refer to PerforationType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.



DistanceFromEdge

DistanceFromEdge is optional. A single instance might exist.

The distance from the edge of the paper. This element is used to communicate where the hole is.

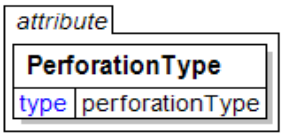
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

PerforationType [attribute]

Perforation type



This item is restricted to the following list.

None

Operation is not required.

Pattern

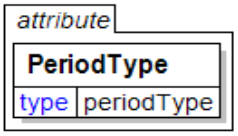
Perforation follows a specific diagram.

Workbook

Perforation is a straight line that runs from the head to the foot of the page at a specified distance from the spine.

PeriodType [attribute]

Duration of time



This item is restricted to the following list.

Day

The time period is 24 hours specified as a date.

FinancialPeriodBeginning

Will be deprecated in next version of papiNet.

Hour

The time period is one hour specified as a Date and Time.

MonthBeginning

Will be deprecated in next version of papiNet.

Period

The time period is specified as a date time range with a From Date Time and a To Date Time.

QuarterBeginning

Will be deprecated in next version of papiNet.

WeekBeginning

Will be deprecated in next version of papiNet.

WeekNumber

The time period is one week specified as a week number.

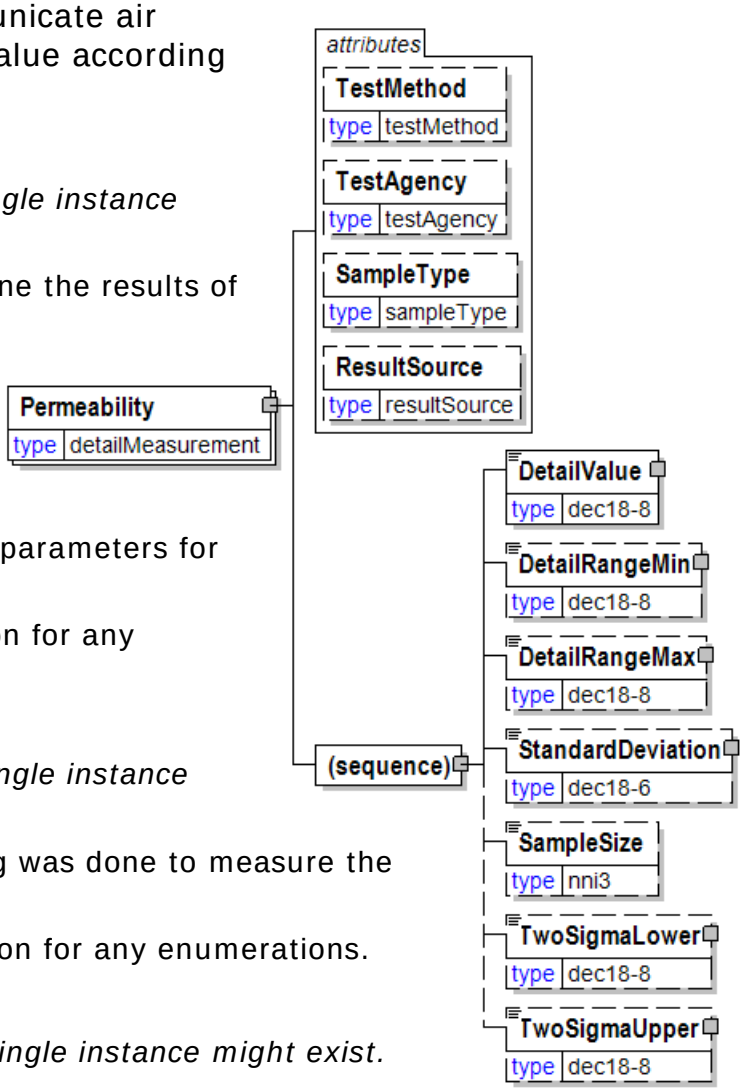
ISO 8601 is used as the basis for week numbers, “Week 01 of a year is the first week that has the Thursday in this year, which is equivalent to the week that contains the fourth day of January.”

YearBeginning

Will be deprecated in next version of papiNet.

Permeability

A group item used to communicate air permeability target or test value according to a particular TestMethod.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

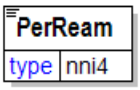
PerPallet

A field indicating the number of sheets on the pallet.



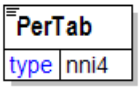
PerReam

A field indicating the number of sheets per ream.



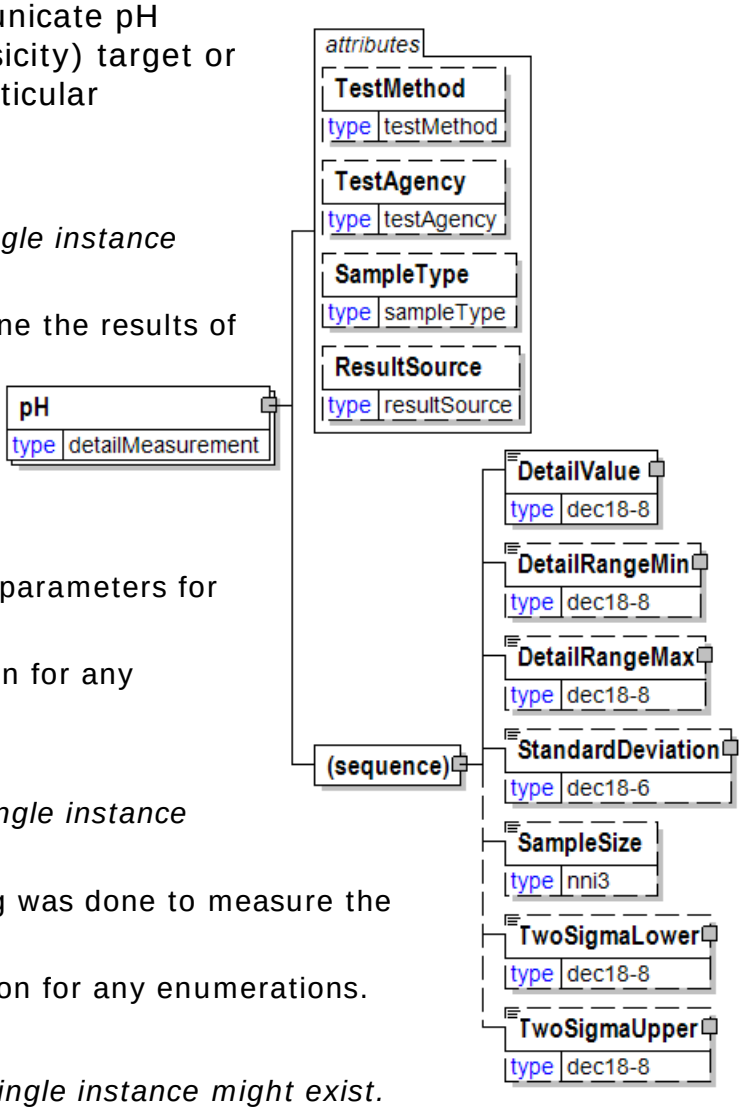
PerTab

A field indicating the number of sheets per tab marking.



pH

A group item used to communicate pH (degree of acidity versus basicity) target or test value according to a particular TestMethod.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

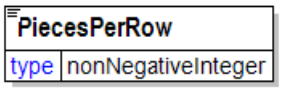
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

PiecesPerRow

This element details the number of pieces or individual items that are to be placed/packaged in a row within the unit. Usually used to identify the standard number of pieces in a standard packaging unit of the product.



PlacementInOrderOfMatter

Element used to identify where the component is to be placed amongst other components when assembling a book.

PlacementReference [attribute]

PlacementReference is mandatory. A single instance is required.

Placement reference

Refer to PlacementReference definition for any enumerations.

RelativeLocation [attribute]

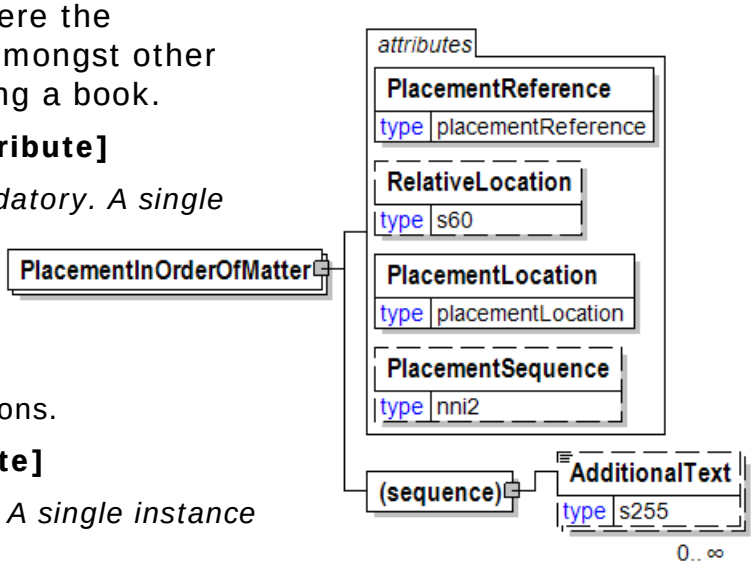
RelativeLocation is optional. A single instance might exist.

The relative position in the end-item where the component is to be placed.

PlacementLocation [attribute]

PlacementLocation is mandatory. A single instance is required.

Placement location.



Refer to PlacementLocation definition for any enumerations.

PlacementSequence [attribute]

PlacementSequence is optional. A single instance might exist.

The placement sequence. Any non negative integer between 1 and 99.

(sequence)

The sequence of items below is mandatory. A single instance is required.

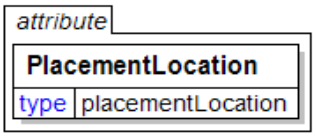
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

PlacementLocation [attribute]

Placement location.



This item is restricted to the following list.

Inside

Outside

Before

After

PlacementReference [attribute]

Placement reference



This item is restricted to the following list.

BackCover

BacktEndsheet

Chapter

FrontCover

FrontEndsheet

Item

Page

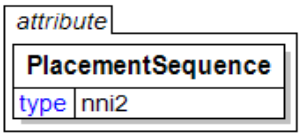
Signature

Spine

Narrow strip where the cover of a book is joined to the pages.

PlacementSequence [attribute]

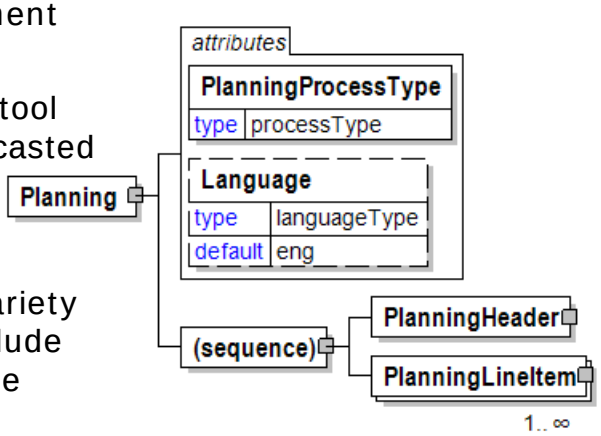
The placement sequence. Any non negative integer between 1 and 99.



Planning

The Planning element is the root element for the Planning e-Document.

The Planning e-Document provides a tool for trading partners to exchange forecasted or planned information for a specific product or event within a specified timeframe. The e-Document is designed to support a variety of business processes, which may include securing needed supplies or simply the exchange of information.



PlanningProcessType [attribute]

PlanningProcessType is mandatory. A single instance is required.

The type of process that the Planning e-Document communicates.

Refer to PlanningProcessType definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PlanningHeader

PlanningHeader is mandatory. A single instance is required.

Information that applies to all the items on the Planning e-Document.

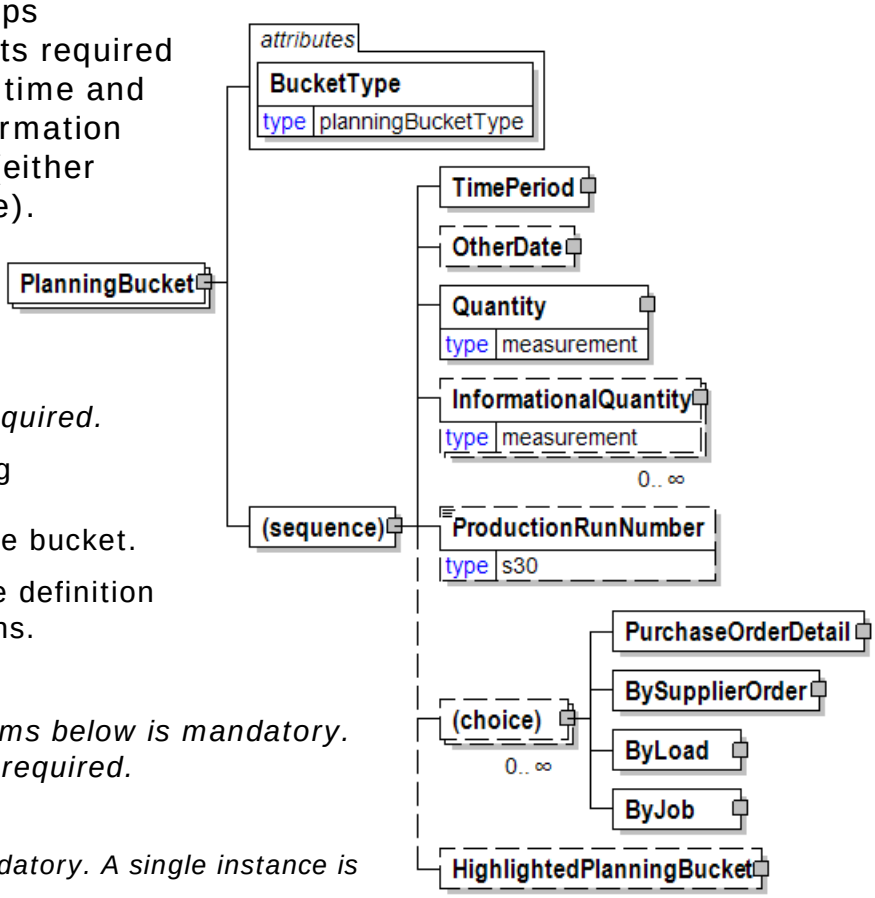
PlanningLineItem

PlanningLineItem is mandatory. One instance is required, multiple instances might exist.

The PlanningLineItem must reference either a Product or Downtime. The PlanningLineItem presents information for a particular product or downtime event.

PlanningBucket

PlanningBucket groups together the elements required to communicate the time and quantity related information for the parent item (either Product or Downtime).



BucketType [attribute]

BucketType is mandatory. A single instance is required.

The type of planning information being communicated in the bucket.

Refer to BucketType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

TimePeriod

TimePeriod is mandatory. A single instance is required.

The TimePeriod element is used to communicate a duration period of time as indicated in PeriodType.

OtherDate

OtherDate is optional. A single instance might exist.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

ProductionRunNumber

ProductionRunNumber is optional. A single instance might exist.

The ProductionRunNumber assigned by the issuer.

(choice)

[choice] is optional because of choice construct.

PurchaseOrderDetail

PurchaseOrderDetail is optional because of choice construct.

Multiple PurchaseOrderDetail instances are allowed.

BySupplierOrder

BySupplierOrder is optional because of choice construct.

Selection criteria for communicating Supplier Order information.

ByLoad

ByLoad is optional because of choice construct.

By Load

ByJob

ByJob is optional because of choice construct.

Information about the job being communicated.

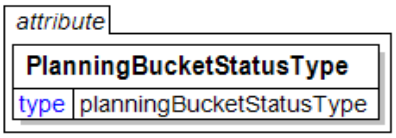
HighlightedPlanningBucket

HighlightedPlanningBucket is optional. A single instance might exist.

Provides an indication and information that the planning bucket should be reviewed.

PlanningBucketStatusType [attribute]

Used to identify the Planning bucket's status. Typically used to highlight a change in status to the receiver of the e-Document.



This item is restricted to the following list.

Amended

The supplied information is changed.

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

New

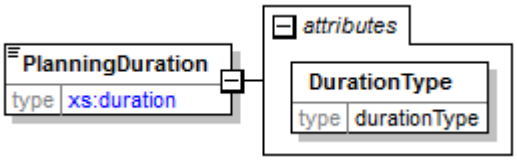
The information is new and supplied for the first time.

NoAction

The supplied information has not been amended and thereby requires no action.

PlanningDuration

Duration of the planning period.



DurationType [attribute]

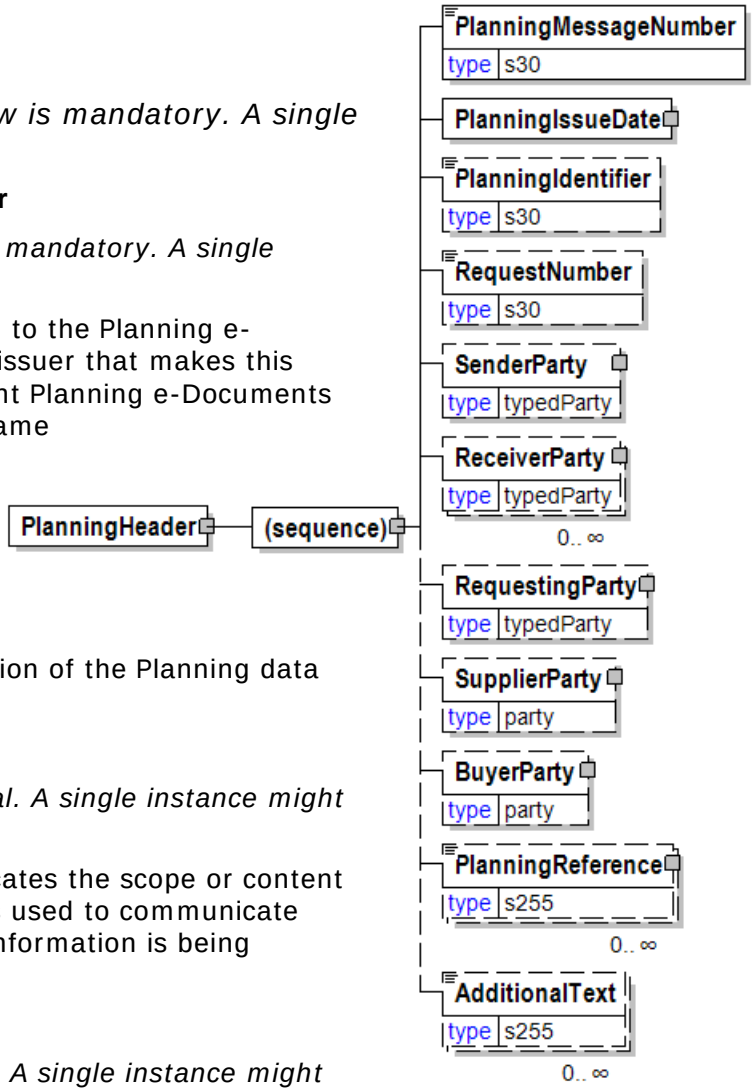
DurationType is mandatory. A single instance is required.

Type of duration of the planning period.

Refer to DurationType definition for any enumerations.

PlanningHeader

Information that applies to all the items on the Planning e-Document.



(sequence)

The sequence of items below is mandatory. A single instance is required.

PlanningMessageNumber

PlanningMessageNumber is mandatory. A single instance is required.

A unique identifier assigned to the Planning e-Document assigned by the issuer that makes this Planning unique. Subsequent Planning e-Documents with updates will use this same PlanningMessageNumber.

PlanningIssueDate

PlanningIssueDate is mandatory. A single instance is required.

The date and time this version of the Planning data was issued.

PlanningIdentifier

PlanningIdentifier is optional. A single instance might exist.

An identifier that communicates the scope or content of the planning. This field is used to communicate which sub-set of planning information is being maintained.

RequestNumber

RequestNumber is optional. A single instance might exist.

A unique tracking number specifically identifying the InfoRequest e-Document to the originator. The tracking number is returned with the “information”, the answer, to help match the answer to the request.

SenderParty

SenderParty is optional. A single instance might exist.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is optional. Multiple instances might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

RequestingParty

RequestingParty is optional. A single instance might exist.

The party requesting the information.

SupplierParty

SupplierParty is optional. A single instance might exist.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

BuyerParty

BuyerParty is optional. A single instance might exist.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

PlanningReference

PlanningReference is optional. Multiple instances might exist.

An element detailing relevant references pertaining to the Planning and DeliveryPlanning e-Documents.

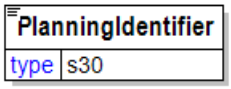
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

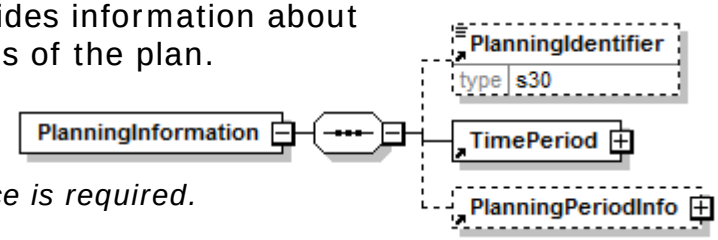
PlanningIdentifier

An identifier that communicates the scope or content of the planning. This field is used to communicate which sub-set of planning information is being maintained.



PlanningInformation

A grouping element that provides information about the planning period and details of the plan.



(sequence)

The sequence of items below is mandatory. A single instance is required.

PlanningIdentifier

PlanningIdentifier is optional. A single instance might exist..

An identifier that communicates the scope or content of the planning. This field is used to communicate which sub-set of planning information is being maintained.

TimePeriod

TimePeriod is mandatory. A single instance is required.

The TimePeriod element is used to communicate a duration period of time as indicated in PeriodType.

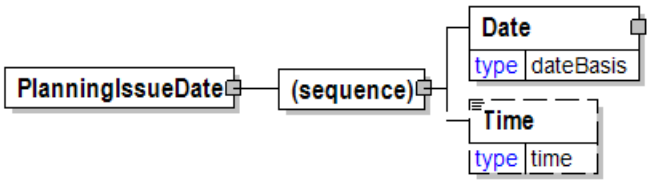
PlanningPeriodInfo

PlanningPeriodInfo is optional. A single instance might exist.

A grouping element detailing the information about the planning period.

PlanningIssueDate

The date and time this version of the Planning data was issued.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

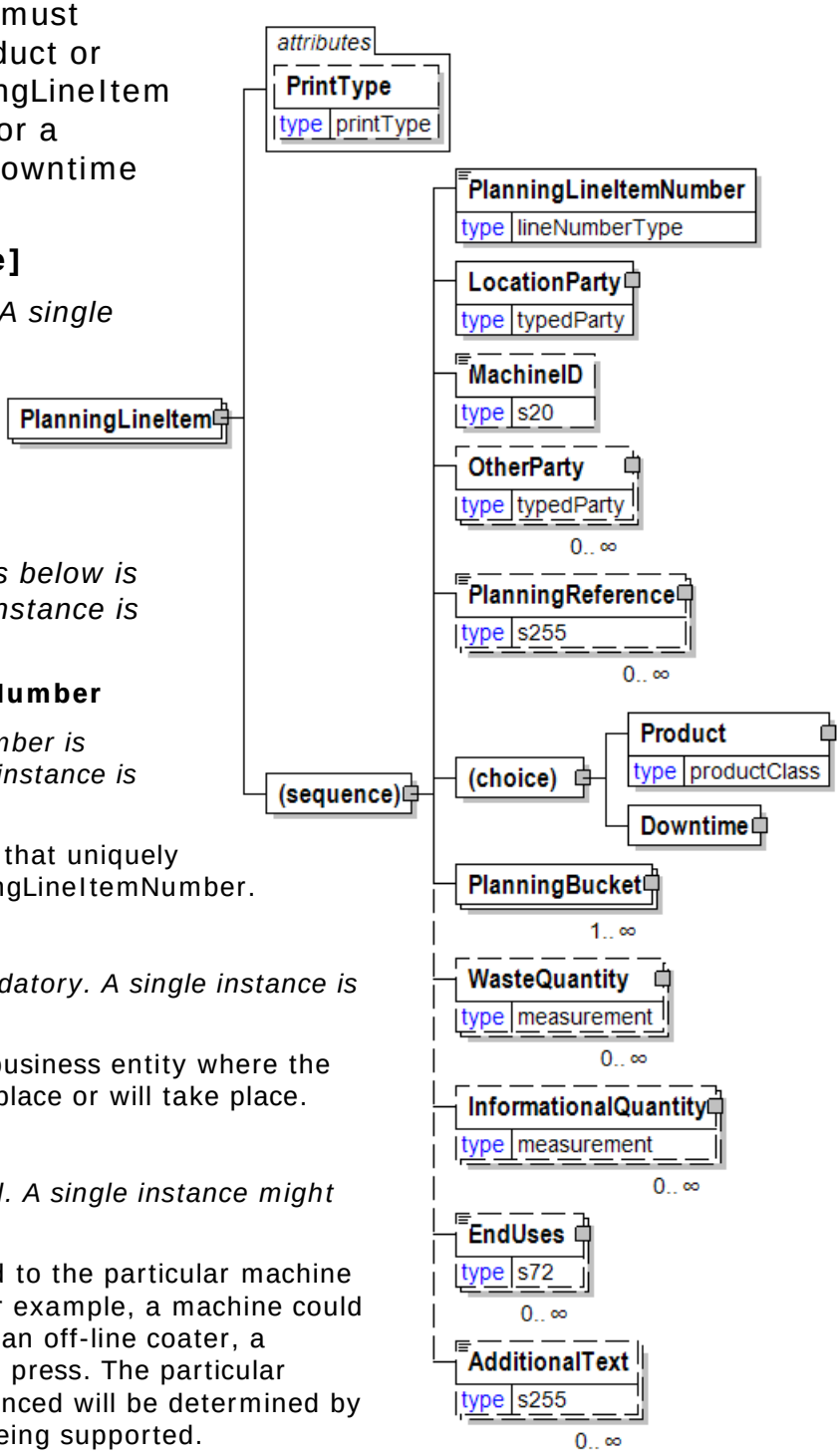
Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

PlanningLineItem

The PlanningLineItem must reference either a Product or Downtime. The PlanningLineItem presents information for a particular product or downtime event.



PrintType [attribute]

PrintType is optional. A single instance might exist.

Refer to PrintType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PlanningLineItemNumber

PlanningLineItemNumber is mandatory. A single instance is required.

A sequential number that uniquely identifies the PlanningLineItemNumber.

LocationParty

LocationParty is mandatory. A single instance is required.

The organization or business entity where the business event took place or will take place.

MachineID

MachineID is optional. A single instance might exist.

An identifier assigned to the particular machine being referenced. For example, a machine could be a paper machine, an off-line coater, a sheeter, or a printing press. The particular machine being referenced will be determined by the business event being supported.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

PlanningReference

PlanningReference is optional. Multiple instances might exist.

An element detailing relevant references pertaining to the Planning and

DeliveryPlanning e-Documents.

(choice)

[choice] is optional because of choice construct.

Product

Product is optional because of choice construct.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

Downtime

Downtime is optional because of choice construct.

An element used to communicate when equipment is not available for manufacturing purposes.

PlanningBucket

PlanningBucket is mandatory. One instance is required, multiple instances might exist.

PlanningBucket groups together the elements required to communicate the time and quantity related information for the parent item (either Product or Downtime).

WasteQuantity

WasteQuantity is optional. Multiple instances might exist.

The quantity of product wasted.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

EndUses

EndUses is optional. Multiple instances might exist.

A text element used to express in human readable form a list of applicable end uses for a product. Examples of end uses are:

Magazine

Book

Commercial print

etc

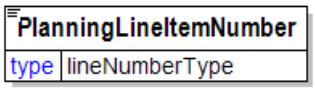
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

PlanningLineItemNumber

A sequential number that uniquely identifies the PlanningLineItemNumber.



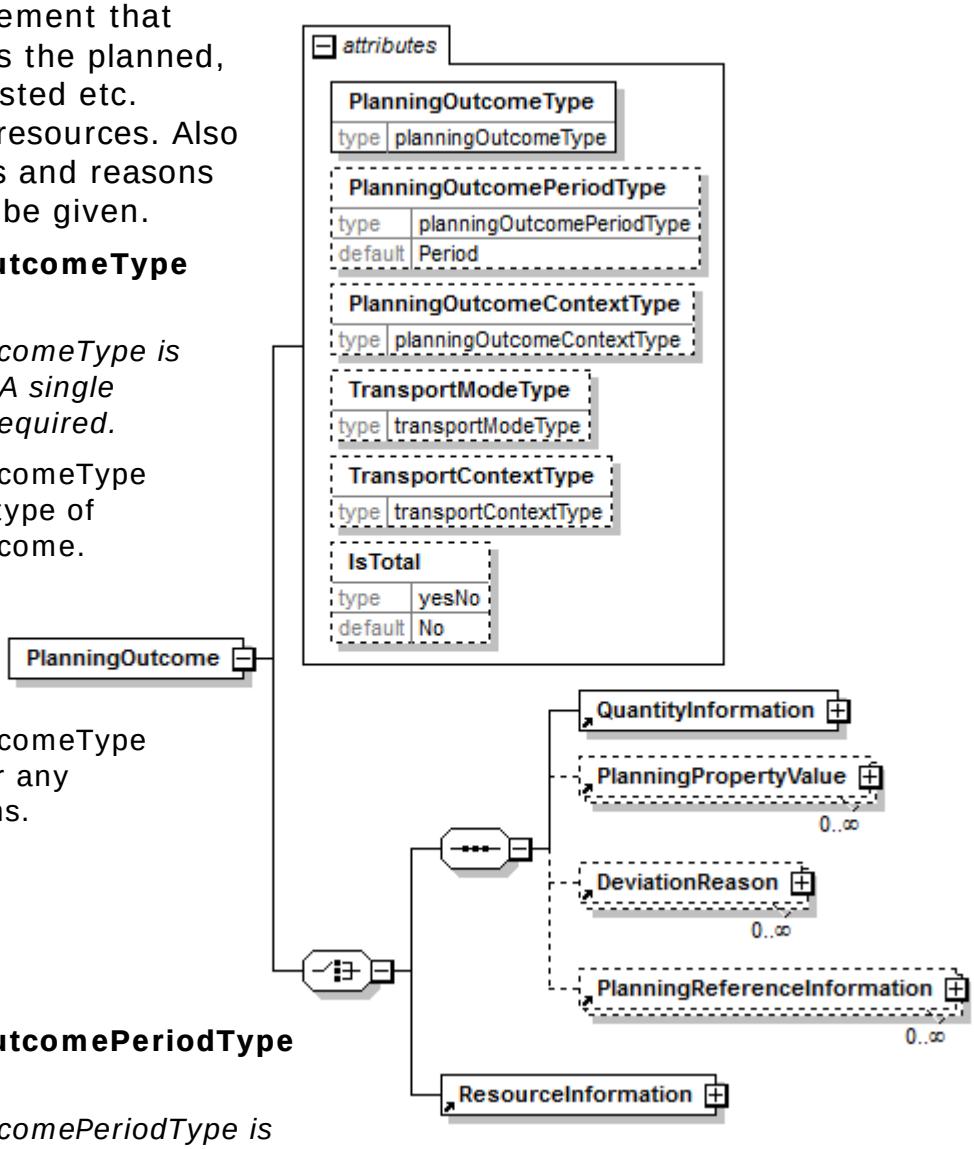
PlanningMessageNumber

A unique identifier assigned to the Planning e-Document assigned by the issuer that makes this Planning unique. Subsequent Planning e-Documents with updates will use this same PlanningMessageNumber.



PlanningOutcome

A grouping element that communicates the planned, actual, forecasted etc. quantities or resources. Also the deviations and reasons for these can be given.



PlanningOutcomeType [attribute]

PlanningOutcomeType is mandatory. A single instance is required.

PlanningOutcomeType defines the type of PlanningOutcome.

Refer to PlanningOutcomeType definition for any enumerations.

PlanningOutcomePeriodType [attribute]

PlanningOutcomePeriodType is optional. A single instance might exist.

Defines the type of period for the planning outcome.

Refer to PlanningOutcomePeriodType definition for any enumerations.

PlanningOutcomeContextType [attribute]

PlanningOutcomeContextType is optional. A single instance might exist.

Defines the context for the planning outcome.

Refer to PlanningOutcomeContextType definition for any enumerations.

TransportModeType [attribute]

TransportModeType is optional. A single instance might exist.

Defines the primary mode of transport for the goods

Refer to TransportModeType definition for any enumerations.

TransportContextType [attribute]

TransportContextType is optional. A single instance might exist.

Provides information about the reason for the transport.

Refer to TransportContextType definition for any enumerations.

IsTotal [attribute]

IsTotal is optional. A single instance might exist.

Specifies if the value is the total value or not.

Refer to IsTotal definition for any enumerations.

(choice)

The choice of items below is mandatory. A single instance is required.

(sequence)

The sequence is optional because of choice construct.

QuantityInformation

QuantityInformation is mandatory. A single instance is required.

A group item containing information about quantity and informational quantity of similar items.

PlanningPropertyValue

PlanningPropertyValue is optional. Multiple instances might exist.

A group item that specifies a value of a property for the planning.

DeviationReason

DeviationReason is optional. Multiple instances might exist.

A group item containing the reason for deviation from the plan.

PlanningReferenceInformation

PlanningReferenceInformation is optional. Multiple instances might exist.

A grouping element specifying detailed reference information used for the supplied plan in the e-Document. For example if a transport plan is created as a response to a requested delivery plan, then the delivery plan can be referenced with document details such as document date and version.

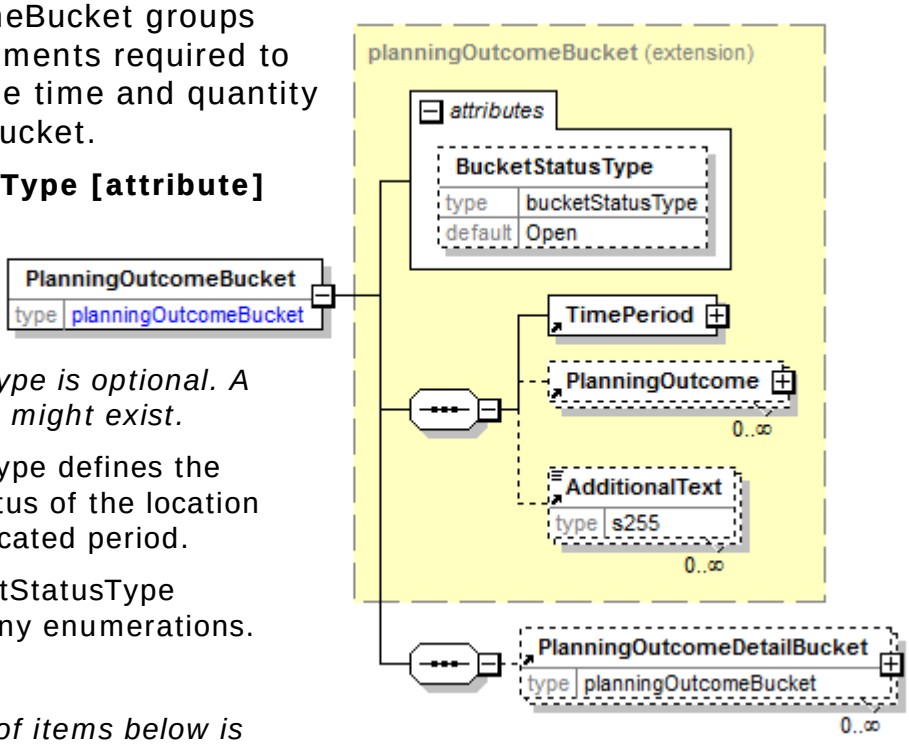
ResourceInformation

ResourceInformation is optional because of choice construct

A group item that contains information for specification of resources.

PlanningOutcomeBucket

PlanningOutcomeBucket groups together the elements required to communicate the time and quantity for a planning bucket.



BucketStatusType [attribute]

BucketStatusType is optional. A single instance might exist.

BucketStatusType defines the availability status of the location during the indicated period.

Refer to BucketStatusType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

TimePeriod

TimePeriod is mandatory. A single instance is required.

The TimePeriod element is used to communicate a duration period of time as indicated in PeriodType.

PlanningOutcome

PlanningOutcome is optional. Multiple instances might exist.

A grouping element that communicates the planned, actual, forecasted etc. quantities or resources. Also the deviations and reasons for these can be given.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

(sequence)

The sequence of items below is mandatory. A single instance is required.

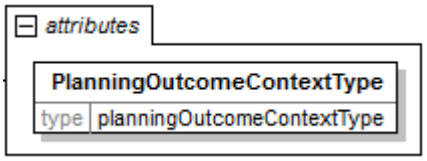
PlanningOutcomeDetailBucket

PlanningOutcomeDetailBucket is optional. Multiple instances might exist.

PlanningOutcomeDetailBucket groups together the elements required to communicate the time and quantity for a planning detail bucket.

PlanningOutcomeContextType [attribute]

Defines the context for the planning outcome.



This item is restricted to the following list.

Consumption

Planning outcome specifies the consumption.

Delivery

Planning outcome specifies the deliveries.

ForestForwarding

Planning outcome specifies the forest forwarding quantities.

Production

Planning outcome specifies the production quantities.

StockForConsumption

Planning outcome specifies the stocks for consumption.

StockForTransportation

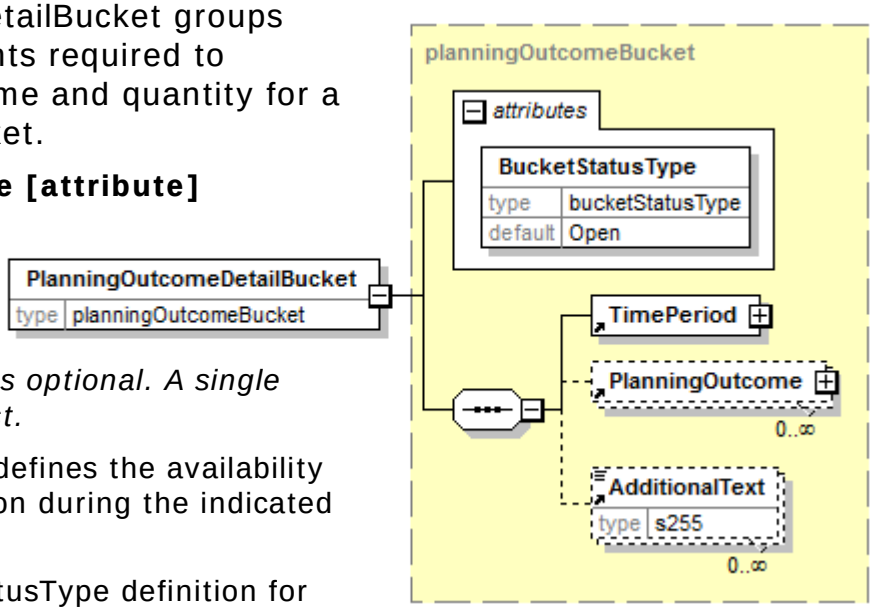
Planning outcome specifies the stocks for transportation.

Transport

Planning outcome specifies the transport quantities.

PlanningOutcomeDetailBucket

PlanningOutcomeDetailBucket groups together the elements required to communicate the time and quantity for a planning detail bucket.



BucketStatusType [attribute]

BucketStatusType is optional. A single instance might exist.

BucketStatusType defines the availability status of the location during the indicated period.

Refer to BucketStatusType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

TimePeriod

TimePeriod is mandatory. A single instance is required.

The TimePeriod element is used to communicate a duration period of time as

indicated in PeriodType.

PlanningOutcome

PlanningOutcome is optional. Multiple instances might exist.

A grouping element that communicates the planned, actual, forecasted etc. quantities or resources. Also the deviations and reasons for these can be given.

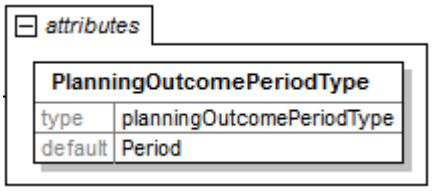
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

PlanningOutcomePeriodType [attribute]

Defines the type of period for the planning outcome.



This item is restricted to the following list.

Period

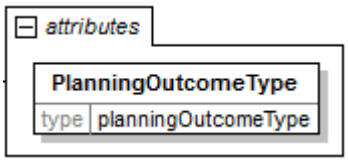
The planning outcome is for the whole planning period.

PeriodToDate

The planning outcome is for the elapsed time of the planning period to date.

PlanningOutcomeType [attribute]

PlanningOutcomeType defines the type of PlanningOutcome.



This item is restricted to the following list.

Actual

The planning outcome communicates incurred values.

Demand

The planning outcome communicates requested values.

Forecast

The planning outcome communicates estimated values.

Budget

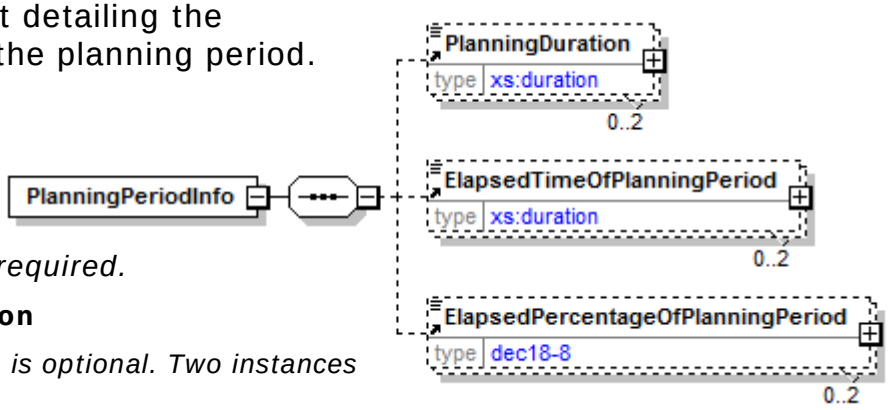
The planning outcome communicates budgeted values.

Plan

The planning outcome communicates planned values.

PlanningPeriodInfo

A grouping element detailing the information about the planning period.



(sequence)

The sequence of items below is mandatory. A single instance is required.

PlanningDuration

PlanningDuration is optional. Two instances might exist.

Duration of the planning period.

ElapsedTimeOfPlanningPeriod

ElapsedTimeOfPlanningPeriod is optional. Two instances might exist.

Time that has elapsed within planning period.

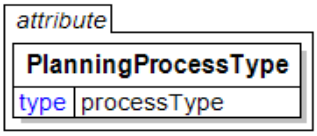
ElapsedPercentageOfPlanningPeriod

ElapsedPercentageOfPlanningPeriod is optional. Two instances might exist.

The percentage of time that has elapsed within planning period.

PlanningProcessType [attribute]

The type of process that the Planning e-Document communicates.



This item is restricted to the following list.

Consumption

Consumed in manufacturing.

DeliveryReceipt

Delivered to the ship-to location.

Despatch

Ready to be shipped.

Inventory

In available inventory at the storage location.

Production

The quantity added to stock through a manufacturing or conversion process.

Sales

A PurchaseOrder has been placed for the product.

PlanningPropertyType [attribute]

PlanningPropertyType defines the type of PlanningPropertyValue.



This item is restricted to the following list.

AllocatedUnloadingCapacity

The unloading capacity that is allocated.

RunningRate

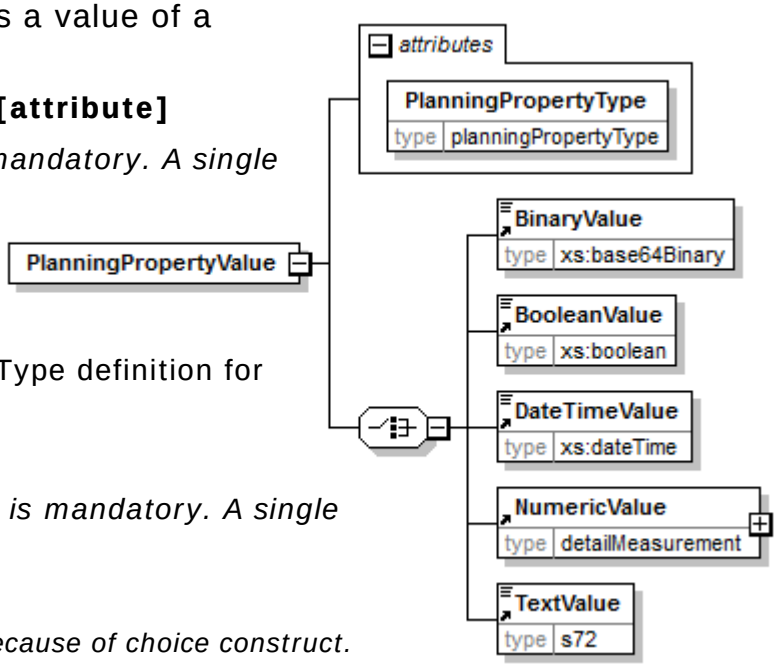
The running rate of how much of the plan will be fulfilled.

UnloadingCapacity

The unloading capacity.

PlanningPropertyValue

A group item that specifies a value of a property for the planning.



PlanningPropertyType [attribute]

PlanningPropertyType is mandatory. A single instance is required.

PlanningPropertyType defines the type of PlanningPropertyValue.

Refer to PlanningPropertyType definition for any enumerations.

(choice)

The choice of items below is mandatory. A single instance is required.

BinaryValue

BinaryValue is optional because of choice construct.

A value in base-64-encoded binary format.

BooleanValue

BooleanValue is optional because of choice construct.

A value in boolean format.

DateTimeValue

DateTimeValue is optional because of choice construct.

A Date and Time value in the standard W3C xs:dateTime format.

NumericValue

NumericValue is optional because of choice construct.

A grouping element for a numeric value and its statistical measures.

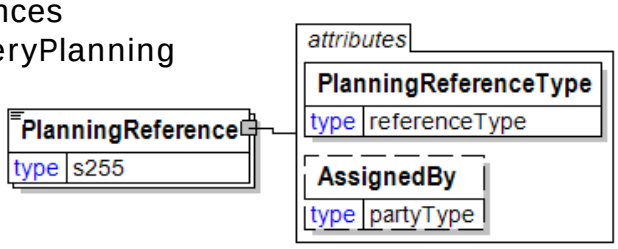
TextValue

TextValue is optional because of choice construct.

A value in text format.

PlanningReference

An element detailing relevant references pertaining to the Planning and DeliveryPlanning e-Documents.



PlanningReferenceType [attribute]

PlanningReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to PlanningReferenceType definition for any enumerations.

AssignedBy [attribute]

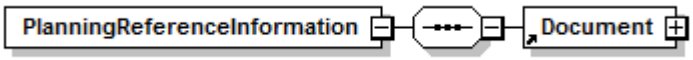
AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

PlanningReferenceInformation

A grouping element specifying detailed reference information used for the supplied plan in the e-Document. For example if a transport plan is created as a response to a requested delivery plan, then the delivery plan can be referenced with document details such as document date and version.



(sequence)

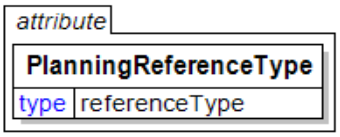
The sequence of items below is mandatory. A single instance is required.

Document

Document is mandatory. A single instance is required.

A group item containing information applicable to the original document.

PlanningReferenceType [attribute]

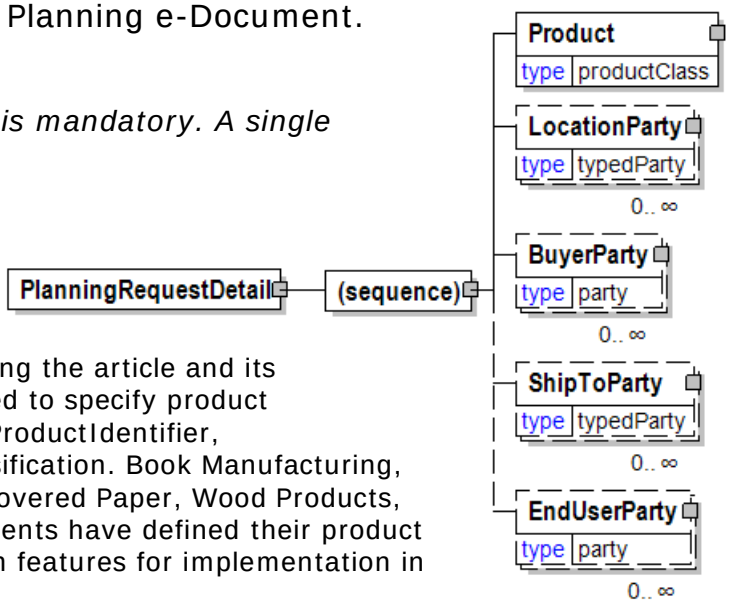


Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

PlanningRequestDetail

A grouping element that provides the parameters to be used when responding with a Planning e-Document.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Product

Product is mandatory. A single instance is required.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

LocationParty

LocationParty is optional. Multiple instances might exist.

The organization or business entity where the business event took place or will take place.

BuyerParty

BuyerParty is optional. Multiple instances might exist.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

ShipToParty

ShipToParty is optional. Multiple instances might exist.

The name and/or address to which the goods should be delivered with the party type indicated by the PartyType attribute.

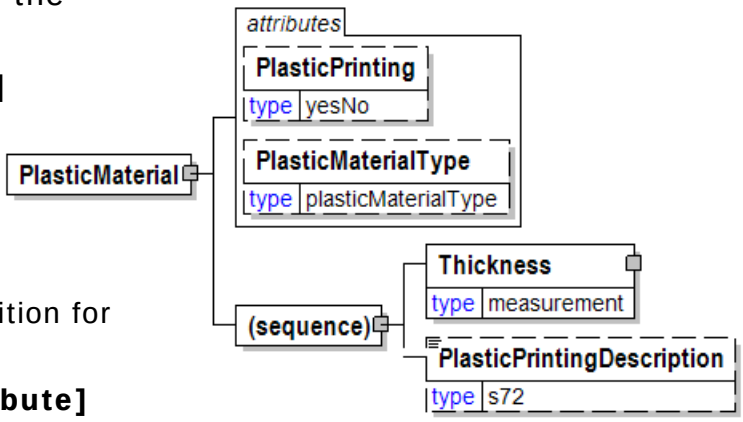
EndUserParty

EndUserParty is optional. Multiple instances might exist.

The party using, consuming, or converting the product. For example, a printer using paper reels for a print job for a publisher. The final ShipTo destination for a product is normally to the end user's facilities.

PlasticMaterial

Describes the plastic used in the process.



PlasticPrinting [attribute]

PlasticPrinting is optional. A single instance might exist.

Either "Yes" or "No".

Refer to PlasticPrinting definition for any enumerations.

PlasticMaterialType [attribute]

PlasticMaterialType is optional. A single instance might exist.

The type of plastic material

Refer to PlasticMaterialType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Thickness

Thickness is mandatory. A single instance is required.

Physical dimension of a product.

PlasticPrintingDescription

PlasticPrintingDescription is optional. A single instance might exist.

Plastic printing description

PlasticMaterialType [attribute]

The type of plastic material



This item is restricted to the following list.

PC

PET

PVC

Other

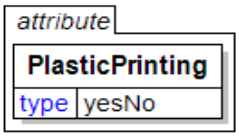
PlasticPrinting [attribute]

Either "Yes" or "No".

This item is restricted to the following list.

Yes

No



PlasticPrintingDescription

Plastic printing description

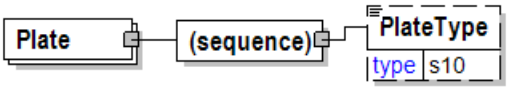


Plate

The image carrying medium.

(sequence)

The sequence of items below is mandatory. A single instance is required.



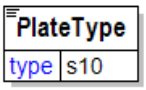
PlateType

PlateType is optional. A single instance might exist.

The category of material used to carry an image to reproduce a print impress. (paper, metal, plastic, rubber)

PlateType

The category of material used to carry an image to reproduce a print impress. (paper, metal, plastic, rubber)



PlyAttributes

The characteristics of the plies of paper or tissue. Manufacturing data relevant to each ply that constitutes the final product



CoatingLocation [attribute]

CoatingLocation is optional. A single instance might exist.

Coating location

Refer to CoatingLocation definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PlyNumber

PlyNumber is mandatory. A single instance is required.

Product attributes can be detailed for each ply. If product attributes are defined for the plies this element defines the ply that these product attributes apply to.

Abrasion

Abrasion is optional. Multiple instances might exist.

A group item used to communicate abrasion loss target or test value.

AbsorptionInk

AbsorptionInk is optional. Multiple instances might exist.

A group item used to communicate ink absorption target or test value.

AbsorptionLight

AbsorptionLight is optional. Multiple instances might exist.

A group item used to communicate light absorption target or test value.

AbsorptionWater

AbsorptionWater is optional. Multiple instances might exist.

A group item used to communicate water absorption target or test value.

Appearance

Appearance is optional. Multiple instances might exist.

A group item used to communicate appearance.

Ash

Ash is optional. Multiple instances might exist.

A group item used to communicate the ash content of the product according to a particular TestMethod.

BasisWeight

BasisWeight is optional. Multiple instances might exist.

The weight of the paper expressed as a mass for a given surface area. In countries using the metric system, the basis weight is expressed as the weight in grams of one sheet of paper that is one square meter in area—not dependent on basic sheet size. In countries using the imperial system, the weight is expressed in pounds for a given ProductBasisSizeType.

BendingResistance

BendingResistance is optional. Multiple instances might exist.

Bending resistance

BendingStiffness

BendingStiffness is optional. Multiple instances might exist.

BendingStiffness

Brightness

Brightness is optional. Multiple instances might exist.

A measurement of the degree of light reflectivity of the product.

Bulk

Bulk is optional. Multiple instances might exist.

A group item used to communicate bulking thickness target or test value.

Burst

Burst is optional. Multiple instances might exist.

A group item used to communicate bursting strength target or test value according to a particular TestMethod.

BurstIndex

BurstIndex is optional. Multiple instances might exist.

The burst index.

Caliper

Caliper is optional. Multiple instances might exist.

The thickness of a sheet of paper under standard test conditions.

CoatWeight

CoatWeight is optional. Multiple instances might exist.

A group item used to communicate the coating thickness target or test value according to a particular TestMethod.

ColourDetail

ColourDetail is optional. Multiple instances might exist.

A group item used to communicate details of colour according to the selected colour definition scheme.

Density

Density is optional. Multiple instances might exist.

A group item used to communicate density target or test value according to a particular TestMethod.

Dirt

Dirt is optional. Multiple instances might exist.

A group item used to communicate dirt content target or test value according to a particular TestMethod.

DominantWavelength

DominantWavelength is optional. Multiple instances might exist.

Dominant wavelength

FibreLength

FibreLength is optional. Multiple instances might exist.

A group item used to communicate fibre length target or test value according to a particular TestMethod.

FibreClassification

FibreClassification is optional. Multiple instances might exist.

A group item used to communicate fibre classification according to the specified classification scheme.

Folding

Folding is optional. Multiple instances might exist.

A group item used to communicate folding endurance target or test value according to a particular TestMethod.

Formation

Formation is optional. Multiple instances might exist.

A group item used to communicate sheet formation target or test value according to a particular TestMethod.

Freeness

Freeness is optional. Multiple instances might exist.

Freeness

Friction

Friction is optional. Multiple instances might exist.

A group item used to communicate static and kinetic friction target or test value according to a particular TestMethod.

Gloss

Gloss is optional. Multiple instances might exist.

A group item used to communicate specular gloss target or test value according to a particular TestMethod.

LightScattering

LightScattering is optional. Multiple instances might exist.

A group item used to communicate light scattering coefficients according to a particular TestMethod.

Moisture

Moisture is optional. Multiple instances might exist.

Desired percentage, or other indicator, of water in the product at the time of shipment.

Opacity

Opacity is optional. Multiple instances might exist.

A group item used to communicate opacity target or test value according to a particular TestMethod.

Permeability

Permeability is optional. Multiple instances might exist.

A group item used to communicate air permeability target or test value according

to a particular TestMethod.

pH

pH is optional. Multiple instances might exist.

A group item used to communicate pH (degree of acidity versus basicity) target or test value according to a particular TestMethod.

PlyBond

PlyBond is optional. Multiple instances might exist.

A group item used to communicate internal bond strength target or test value between plies according to a particular TestMethod.

Porosity

Porosity is optional. Multiple instances might exist.

A group item used to communicate a permeability target or test value.

PostConsumerWaste

PostConsumerWaste is optional. Multiple instances might exist.

A group item used to communicate the target or test value percentage of post consumer waste fibre in the product according to a particular TestMethod.

PPI

PPI is optional. Multiple instances might exist.

A group item used to communicate the number of pages in an inch of thickness either as a target or actual value. Equal to the number of sheets per inch times 2.

PreConsumerWaste

PreConsumerWaste is optional. Multiple instances might exist.

A group item used to communicate the target or test value percentage of pre-consumer waste fibre in the product according to a particular TestMethod.

Recycled

Recycled is optional. Multiple instances might exist.

A group item used to communicate the target or test value total percentage of waste fibre in the product according to a particular TestMethod.

Resistance

Resistance is optional. Multiple instances might exist.

A group item used to communicate air resistance target or test value according to a particular TestMethod.

RingCrush

RingCrush is optional. Multiple instances might exist.

Ring Crush

Roughness

Roughness is optional. Multiple instances might exist.

A group item used to communicate surface roughness target or test value according to a particular TestMethod.

RunnabilityIndex

RunnabilityIndex is optional. Multiple instances might exist.

A group item used to communicate the calculated run-ability index target or test

value.

ShowThrough

ShowThrough is optional. Multiple instances might exist.

Show through

Sizing

Sizing is optional. Multiple instances might exist.

A group item used to communicate size test of paper by ink resistance target or test value.

Smoothness

Smoothness is optional. Multiple instances might exist.

A group item used to communicate surface smoothness target or test value according to a particular TestMethod.

Stiffness

Stiffness is optional. Multiple instances might exist.

A group item used to communicate stiffness target or test value.

Stretch

Stretch is optional. Multiple instances might exist.

A group item used to communicate stretch target or test value.

SurfaceStrength

SurfaceStrength is optional. Multiple instances might exist.

Surface Strength

TEA

TEA is optional. Multiple instances might exist.

Tensile Energy Absorption.

Tear

Tear is optional. Multiple instances might exist.

A group item used to communicate tearing resistance target or test value according to a particular TestMethod.

TearIndex

TearIndex is optional. Multiple instances might exist.

TearIndex

Tensile

Tensile is optional. Multiple instances might exist.

A group item used to communicate zero-span tensile strength target or test value according to a particular TestMethod.

TensileIndex

TensileIndex is optional. Multiple instances might exist.

Tensile Index

Whiteness

Whiteness is optional. Multiple instances might exist.

A group item used to communicate degree of whiteness target or test value according to a particular TestMethod.

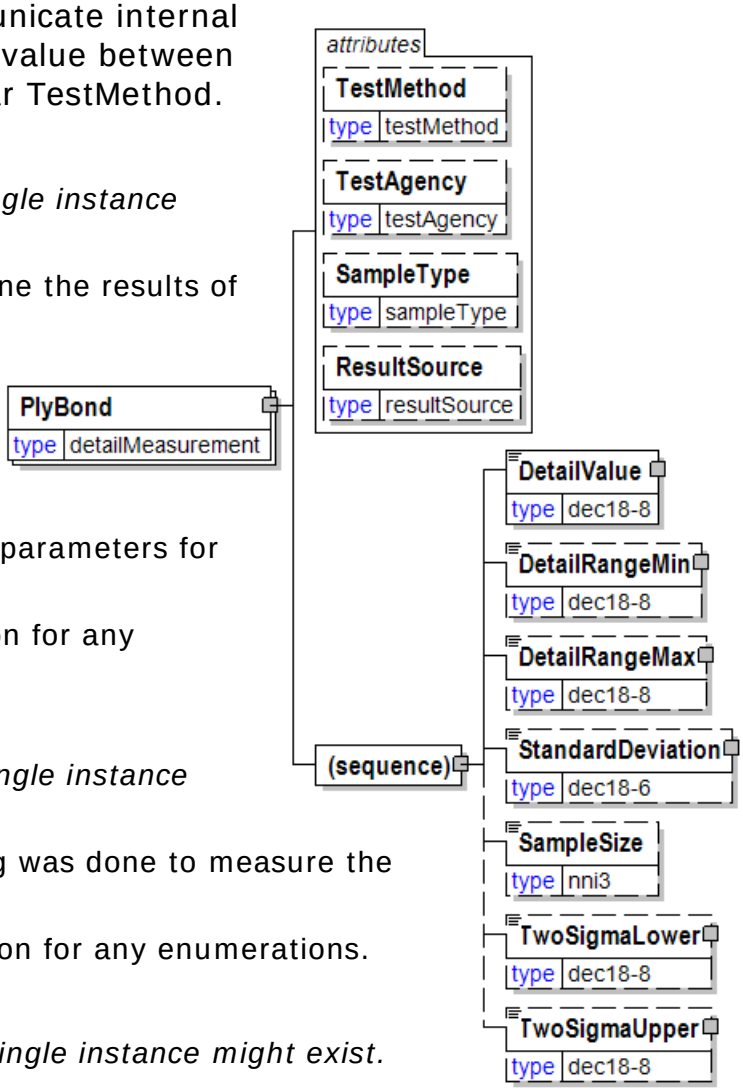
AdditionalTest

AdditionalTest is optional. A single instance might exist.

AdditionalTest exists to enable the inclusion of a test that has not been identified by papiNet.org. It is always a single-instance element so it is very important that users, who come upon a test that papiNet.org has not identified, communicate the need for this test to us at www.papiNet.org.

PlyBond

A group item used to communicate internal bond strength target or test value between plies according to a particular TestMethod.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

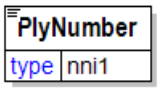
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

PlyNumber

Product attributes can be detailed for each ply. If product attributes are defined for the plies this element defines the ply that these product attributes apply to.



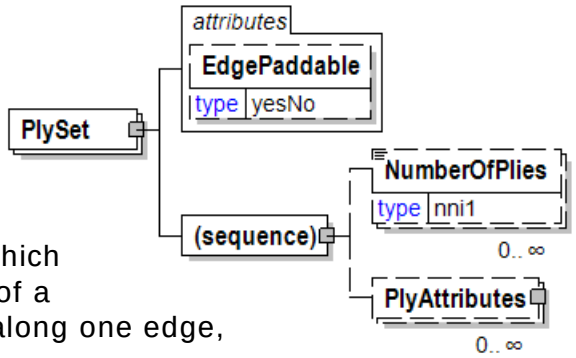
PlySet

PlySet.

EdgePaddable [attribute]

EdgePaddable is optional. A single instance might exist.

Refers to the process of applying edge padding glue or adhesive (Yes) or not (No). A liquid adhesive mixture which when brushed or sprayed onto the side of a pile of paper binds the sheets together along one edge, thus forming a pad.



Refer to EdgePaddable definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

NumberOfPlies

NumberOfPlies is optional. Multiple instances might exist.

The number of layers of paper product joined together to make the final saleable product.

PlyAttributes

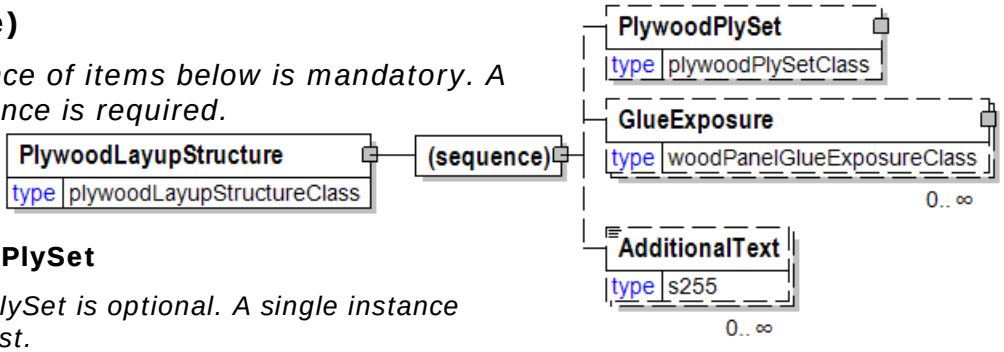
PlyAttributes is optional. Multiple instances might exist.

The characteristics of the plies of paper or tissue. Manufacturing data relevant to each ply that constitutes the final product

PlywoodLayupStructure

(sequence)

The sequence of items below is mandatory. A single instance is required.



PlywoodPlySet

PlywoodPlySet is optional. A single instance might exist.

GlueExposure

GlueExposure is optional. Multiple instances might exist.

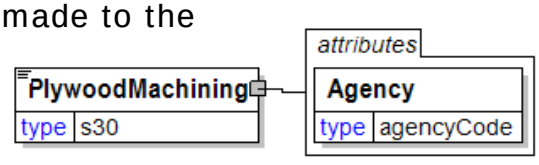
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

PlywoodMachining

PlywoodMachining defines the machining made to the panel (for example, grooving).



Agency [attribute]

Agency is mandatory. A single instance is required.

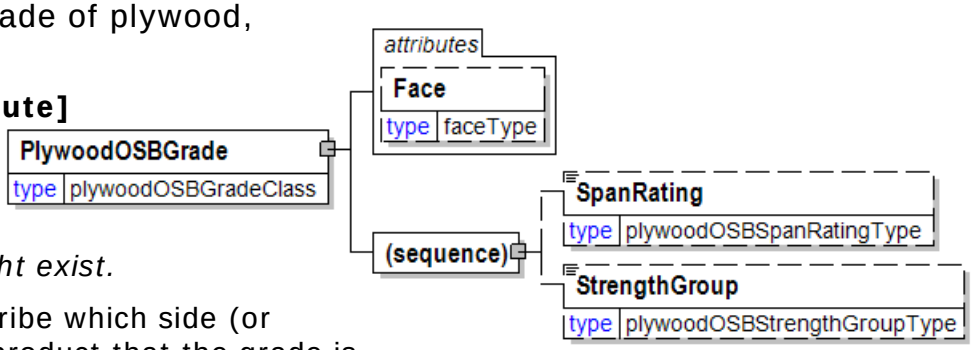
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

PlywoodOSBGrade

Defines the grade of plywood, OSB product



Face [attribute]

Face is optional. A single instance might exist.

Used to describe which side (or face) of the product that the grade is applicable to.

Refer to Face definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

SpanRating

SpanRating is optional. A single instance might exist.

Span Rating according to NIST standards and indicated on grade stamp.

Refer to SpanRating definition for any enumerations.

StrengthGroup

StrengthGroup is optional. A single instance might exist.

As defined in the NIST standard, an additional classification of panel strength.

Refer to StrengthGroup definition for any enumerations.

PlywoodOSBSpecies

Defines the raw material species of plywood,OSB product.



This item is restricted to the following list.

Southern

Western

Aspen

DF

Hemlock

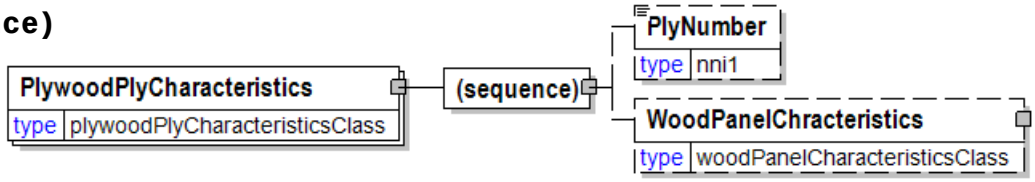
Larch

WhiteFir

PlywoodPlyCharacteristics

(sequence)

The



sequence of items below is mandatory. A single instance is required.

PlyNumber

PlyNumber is optional. A single instance might exist.

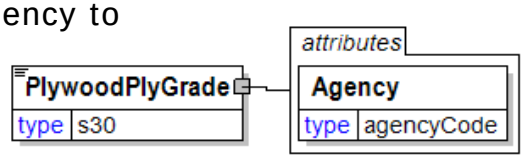
Product attributes can be detailed for each ply. If product attributes are defined for the plies this element defines the ply that these product attributes apply to.

WoodPanelChracteristics

WoodPanelChracteristics is optional. A single instance might exist.

PlywoodPlyGrade

Defines the grade of one ply, used with Agency to specify the grading agency.



Agency [attribute]

Agency is mandatory. A single instance is required.

Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

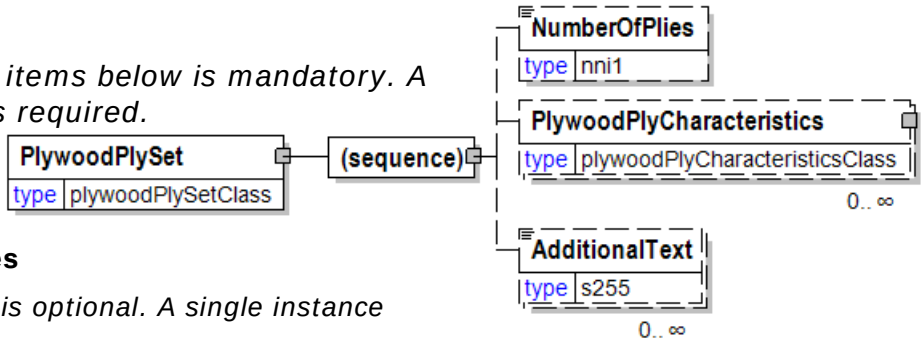
- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

PlywoodPlySet

(sequence)

The sequence of items below is mandatory. A single instance is required.



NumberOfPlies

NumberOfPlies is optional. A single instance might exist.

The number of layers of paper product joined together to make the final saleable

product.

PlywoodPlyCharacteristics

PlywoodPlyCharacteristics is optional. Multiple instances might exist.

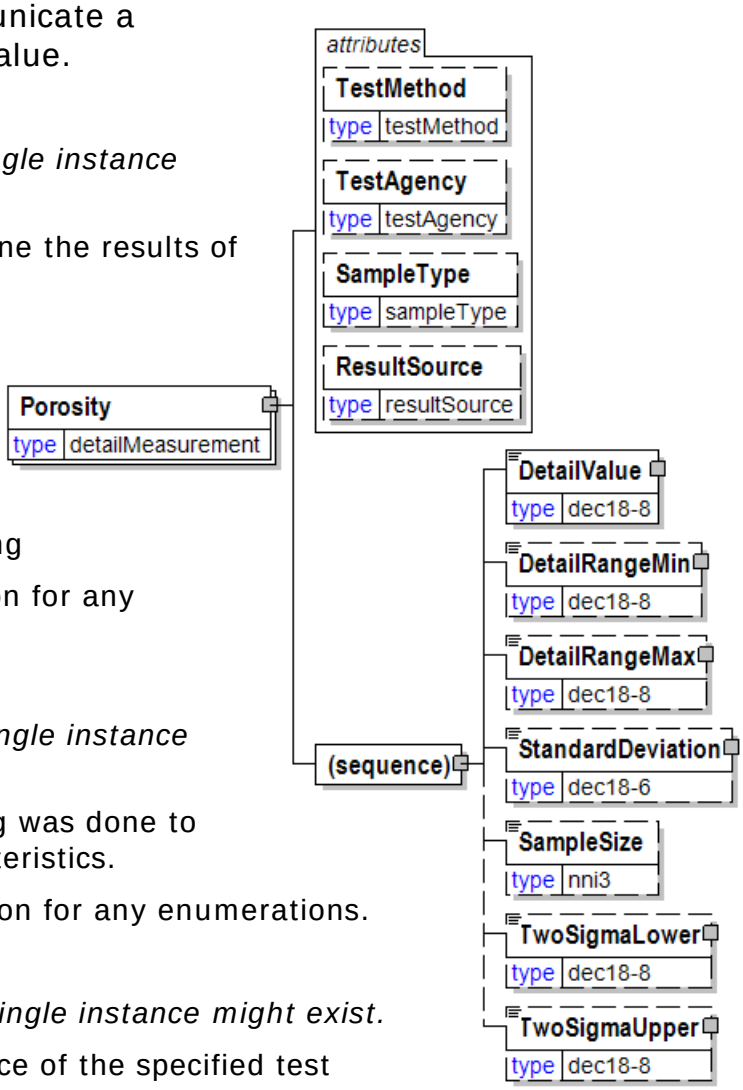
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

Porosity

A group item used to communicate a permeability target or test value.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

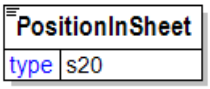
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

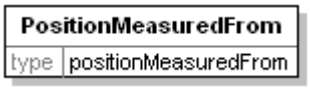
PositionInSheet

Location in the sheet where the defect was identified.



PositionMeasuredFrom [attribute]

Defines from where the position is measured on an item.



This item is restricted to the following list.

Bottom

The position is measured from the bottom of the item.

BackEnd

The position is measured from the back end of the item.

FrontEnd

The position is measured from the front end of the item.

LargeEnd

The position is measured from the large end of the item.

SmallEnd

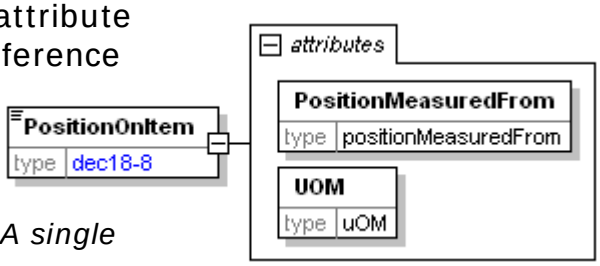
The position is measured from the small end of the item.

Top

The position is measured from the top of the item.

PositionOnItem

Specifies a position on an item. The attribute PositionMeasuredFrom defines the reference point for the position.



PositionMeasuredFrom [attribute]

PositionMeasuredFrom is mandatory. A single instance is required.

Specifies how detailed the measurements are done.

Refer to PositionMeasuredFrom definition for any enumerations.

UOM [attribute]

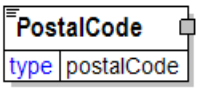
UOM is mandatory. A single instance is required.

Defines the unit of measure for the value.

Refer to UOM definition for any enumerations.

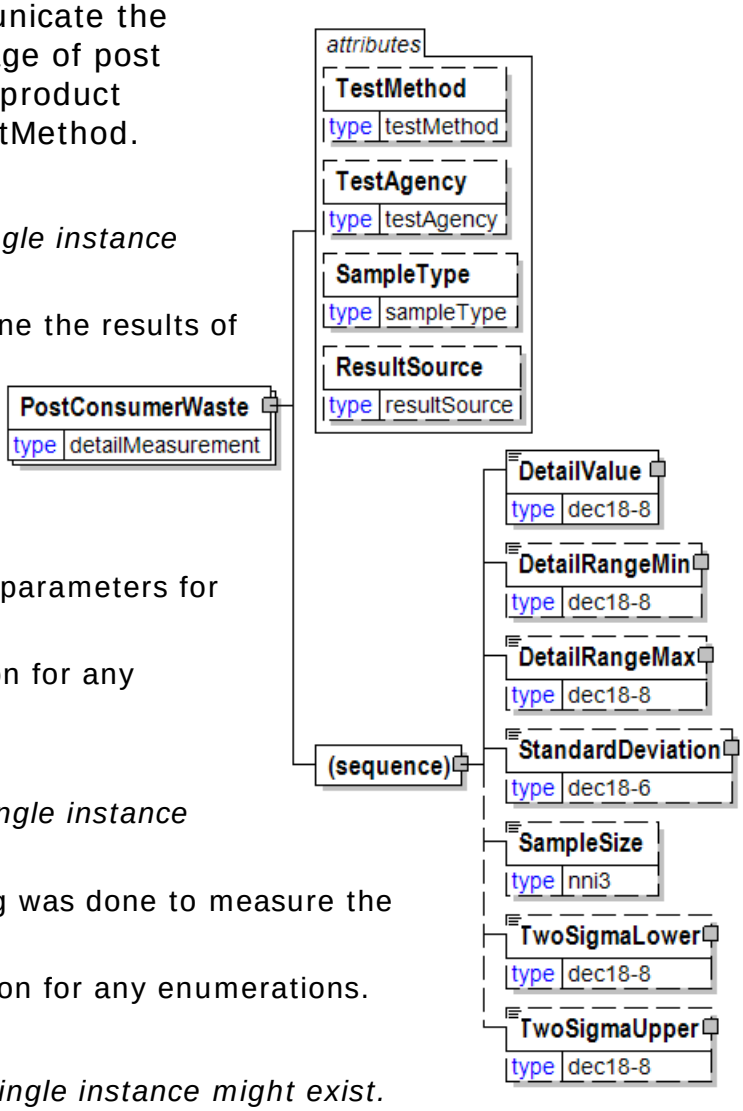
PostalCode

The postal code associated with the address elements.



PostConsumerWaste

A group item used to communicate the target or test value percentage of post consumer waste fibre in the product according to a particular TestMethod.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

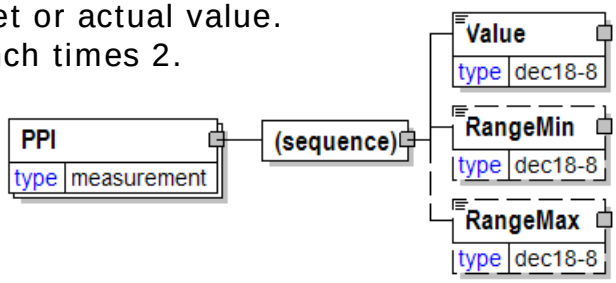
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

PPI

A group item used to communicate the number of pages in an inch of thickness either as a target or actual value. Equal to the number of sheets per inch times 2.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

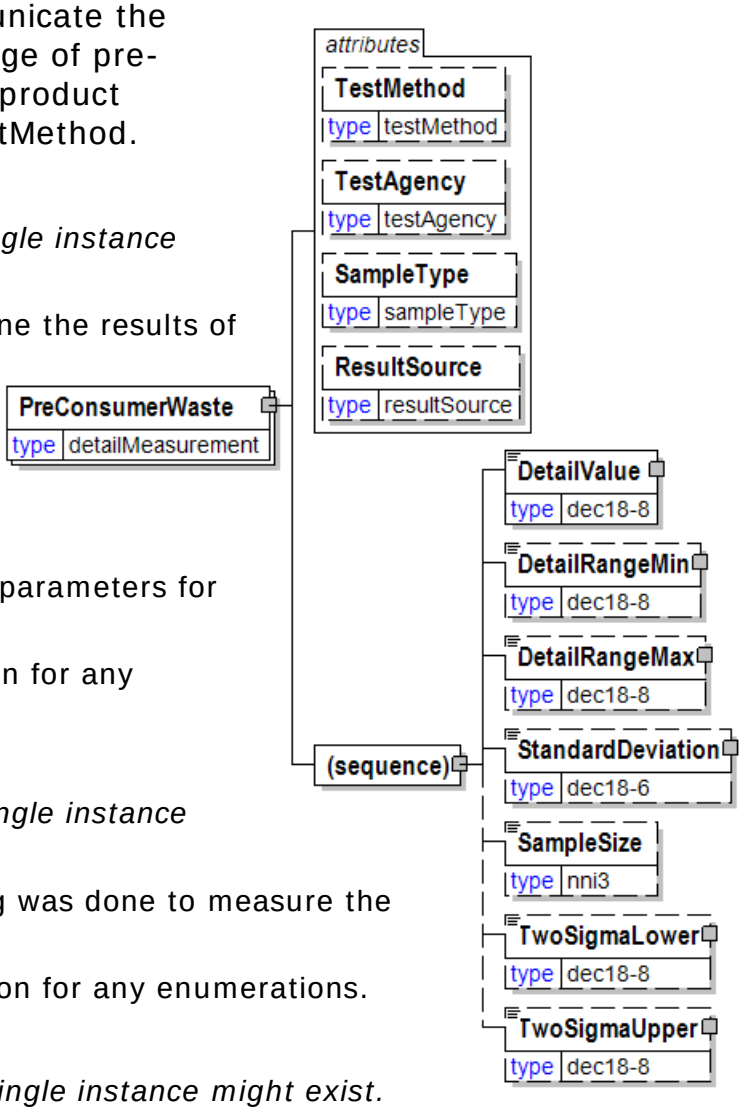
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

PreConsumerWaste

A group item used to communicate the target or test value percentage of pre-consumer waste fibre in the product according to a particular TestMethod.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

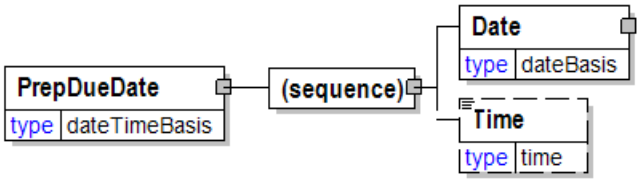
Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

PrepDueDate

The preparation due date.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

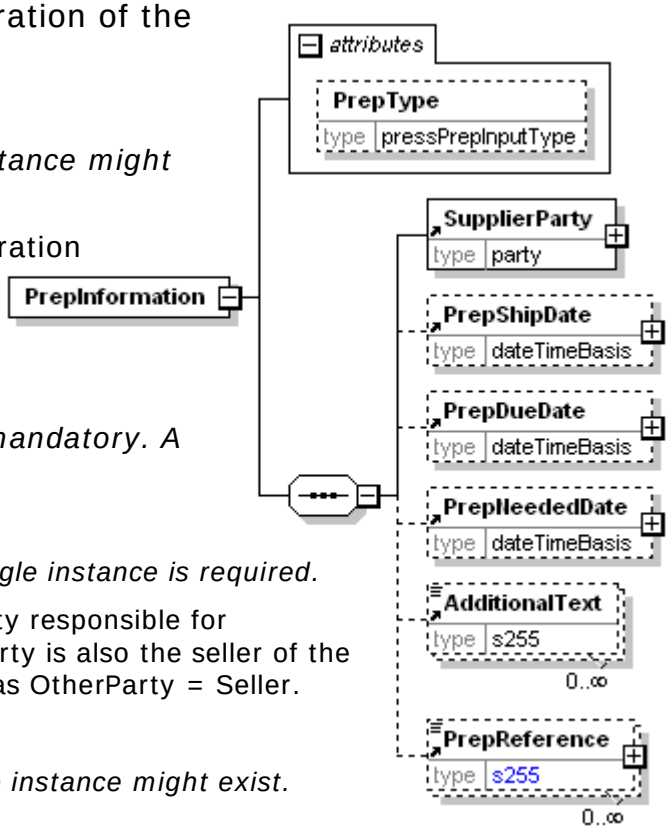
Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

PrepInformation

Information related to the preparation of the Book.



PrepType [attribute]

PrepType is optional. A single instance might exist.

The type of input for press preparation

Refer to PrepType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

SupplierParty

SupplierParty is mandatory. A single instance is required.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

PrepShipDate

PrepShipDate is optional. A single instance might exist.

The preparation ship date.

PrepDueDate

PrepDueDate is optional. A single instance might exist.

The preparation due date.

PrepNeededDate

PrepNeededDate is optional. A single instance might exist.

The preparations need date.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

PrepReference

PrepReference is optional. Multiple instances might exist.

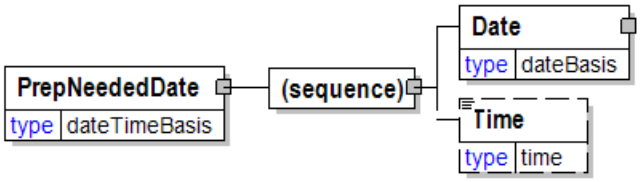
An element detailing relevant references pertaining to the preparation of a book or a book component. The type of reference is identified by the attributes PrepReferenceType and AssignedBy.

PrepNeededDate

The preparations need date.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

PrepReference

An element detailing relevant references pertaining to the preparation of a book or a book component. The type of reference is identified by the attributes PrepReferenceType and AssignedBy.

PrepReferenceType [attribute]

PrepReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to PrepReferenceType definition for any enumerations.

AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

PrepReferenceType [attribute]

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

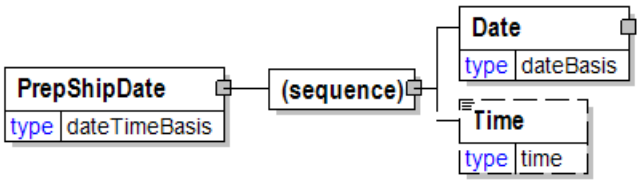
Refer to the referenceType entry for the list of enumerations and their definitions.

PrepShipDate

The preparation ship date.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

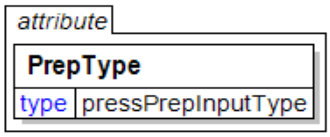
Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

PrepType [attribute]

The type of input for press preparation



This item is restricted to the following list.

4PageImposedFilm

8PageImposedFilm

ApplicationFiles

Bookmap

CameraCopy

CopyBook

DuplicateStrip

ElectronicFiles

ElectronicGraphic

Film

FilmPageNegatives

FilmPagePositives

IlustrationFilm

NegativeImposedPlateMakingFilm

Originals

OriginalArt

Other

Overtakes

PageProof

PDF

PositiveImposedPlateMakingFilm

RachwalFilm

ReflectiveArtBoard

ReproProof

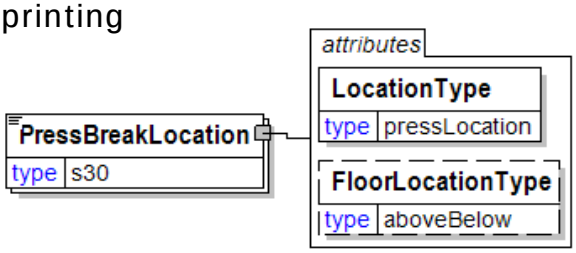
RestripSuppliedFlats

TearSheet

Transparencies

PressBreakLocation

The specific location identified within a printing press.



LocationType [attribute]

LocationType is mandatory. A single instance is required.

Location of Break on the Press. A group item detailing relevant locations on the press to the Performance e-Document.

Refer to LocationType definition for any enumerations.

FloorLocationType [attribute]

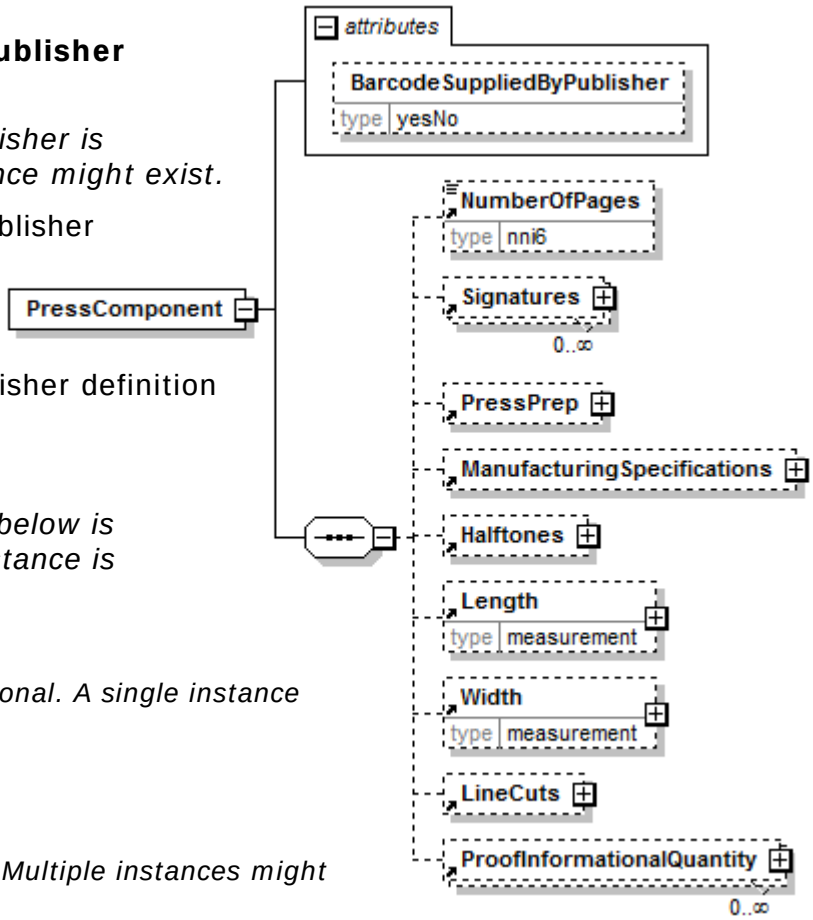
FloorLocationType is optional. A single instance might exist.

Floor Location Type

Refer to FloorLocationType definition for any enumerations.

PressComponent

Press Component.



BarcodeSuppliedByPublisher [attribute]

BarcodeSuppliedByPublisher is optional. A single instance might exist.

Barcode supplied by publisher

Refer to

BarcodeSuppliedByPublisher definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

NumberOfPages

NumberOfPages is optional. A single instance might exist.

The number of pages.

Signatures

Signatures is optional. Multiple instances might exist.

Signatures.

PressPrep

PressPrep is optional. A single instance might exist.

Press preparation information

ManufacturingSpecifications

ManufacturingSpecifications is optional. A single instance might exist.

Manufacturing specifications.

Halftones

Halftones is optional. A single instance might exist.

Halftones are images made up of a series of dots in a specific pattern that simulates the look of a continuous tone image.

Length

Length is optional. A single instance might exist.

The length of the object.

Width

Width is optional. A single instance might exist.

The width of the object.

LineCuts

LineCuts is optional. A single instance might exist.

A print obtained from a line drawing.

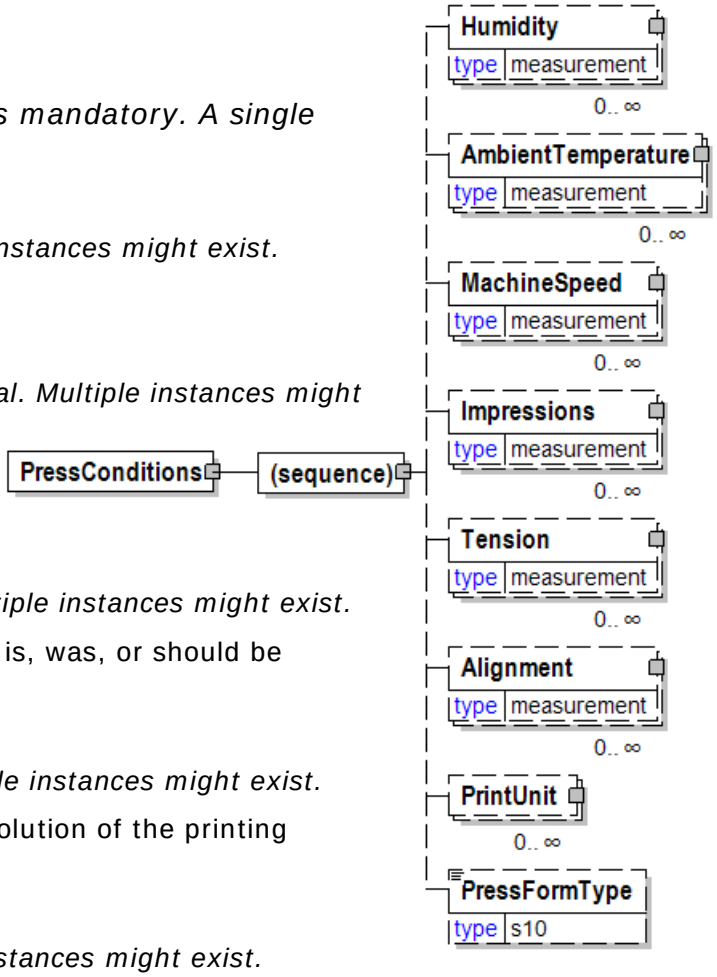
ProofInformationalQuantity

ProofInformationalQuantity is optional. Multiple instances might exist.

ProofInformationalQuantity.

PressConditions

Construct contains environmental conditions of the press during operations



(sequence)

The sequence of items below is mandatory. A single instance is required.

Humidity

Humidity is optional. Multiple instances might exist.

Humidity

AmbientTemperature

AmbientTemperature is optional. Multiple instances might exist.

The temperature of the surrounding environment.

MachineSpeed

MachineSpeed is optional. Multiple instances might exist.

The rate at which the machine is, was, or should be running.

Impressions

Impressions is optional. Multiple instances might exist.

The work produced by one revolution of the printing cylinder or unit.

Tension

Tension is optional. Multiple instances might exist.

Tension of the web on the printing press.

Alignment

Alignment is optional. Multiple instances might exist.

A measurement of how the reel is aligned on printing press

PrintUnit

PrintUnit is optional. Multiple instances might exist.

PrintUnit identifies the unique qualities associated with the individual unit of the printing press.

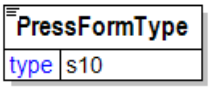
PressFormType

PressFormType is optional. A single instance might exist.

Description of press form, expressed as deliveries and number of pages in the signature being printed, e.g. 2X16, 4X4.

PressFormType

Description of press form, expressed as deliveries and number of pages in the signature being printed, e.g. 2X16, 4X4.



PressImpositionType [attribute]

The type of press imposition



This item is restricted to the following list.

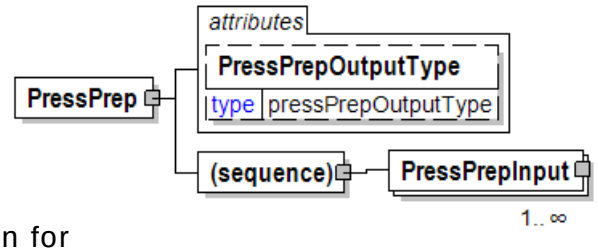
HeadToHead

FootToFoot

HeadToFoot

PressPrep

Press preparation information



PressPrepOutputType [attribute]

PressPrepOutputType is optional. A single instance might exist.

The press prep output type.

Refer to PressPrepOutputType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

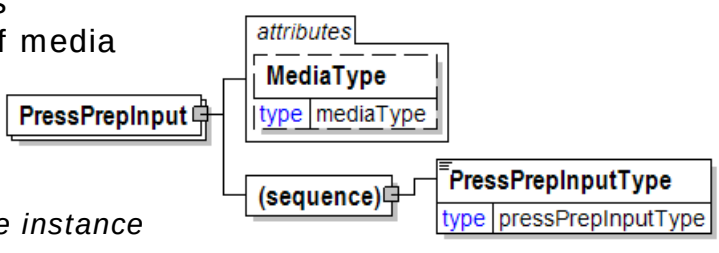
PressPrepInput

PressPrepInput is mandatory. One instance is required, multiple instances might exist.

Element used to identify press preparation media and type of media required for input to the press component.

PressPrepInput

Element used to identify press preparation media and type of media required for input to the press component.



MediaType [attribute]

MediaType is optional. A single instance might exist.

The type of media

Refer to MediaType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PressPrepInputType

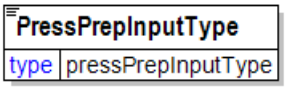
PressPrepInputType is mandatory. A single instance is required.

Press prep input type

Refer to PressPrepInputType definition for any enumerations.

PressPrepInputType

Press prep input type

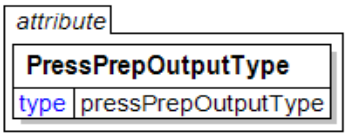


This item is restricted to the following list.

- **4PageImposedFilm**
- **8PageImposedFilm**
- **ApplicationFiles**
- **Bookmap**
- **CameraCopy**
- **CopyBook**
- **DuplicateStrip**
- **ElectronicFiles**
- **ElectronicGraphic**
- **Film**
- **FilmPageNegatives**
- **FilmPagePositives**
- **IllustrationFilm**
- **NegativeImposedPlateMakingFilm**
- **Originals**
- **OriginalArt**
- **Other**
- **Overtakes**
- **PageProof**
- **PDF**
- **PositiveImposedPlateMakingFilm**
- **RachwalFilm**
- **ReflectiveArtBoard**
- **ReproProof**
- **RestripSuppliedFlats**
- **TearSheet**
- **Transparencies**

PressPrepOutputType [attribute]

The press prep output type.



This item is restricted to the following list.

DirectToFilm

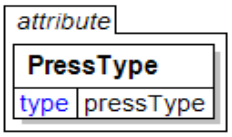
DirectToPlate

DirectToPress

Film

PressType [attribute]

The type of press used.



This item is restricted to the following list.

Cameron

A type of belt press that both prints and binds a book.

ColdsetOffset

An offset printing method suitable for newspapers, in other words, ink dries by penetration into the paper.

Digital

Digital print process that uses electronic files in print production.

DigitalInkJet.

Digital print process that uses inkjet technology.

DigitalToner

Digital print process that uses toner technology.

Electronic

Any technology that reproduces pages without the use of traditional ink, water, chemistry, or plates; also known as plateless printing.

Flexographic

A type of printing that uses rubber printing plates.

Gravure

A method of printing in which the image is etched into the printing plates, as opposed to letterpress printing, in which the image is slightly raised from the rest of the plate. Gravure printing produces consistent quality in long production runs.

HeatsetOffset

An offset printing method.

LetterPress

The oldest printing method, in which the image to be printed is raised from the plate, inked, and applied directly to paper.

Offset

Use this option when you do not wish to designate which type of offset press approach to use, just that offset printing is the preferred printing method.

SheetFed

A type of printing press that accepts paper in the form of sheets.

SilkScreen

A printing method in which ink is pushed through a stencil, used for imprinting T-shirts and heavier paper stocks.

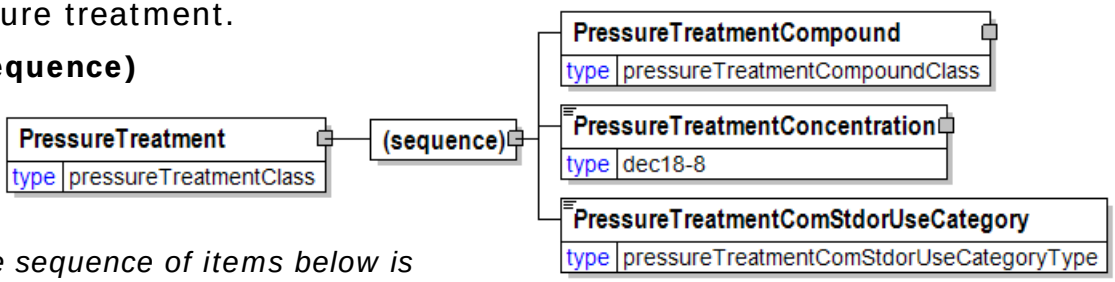
Web

A printing press that uses rolls (webs) of paper rather than sheets. Also called web-fed press.

PressureTreatment

Method and parameter values of pressure treatment.

(sequence)



The sequence of items below is mandatory. A single instance is required.

PressureTreatmentCompound

PressureTreatmentCompound is mandatory. A single instance is required.

The substance used for pressure treatment.

PressureTreatmentConcentration

PressureTreatmentConcentration is mandatory. A single instance is required.

Retained concentration of preservative chemical.

PressureTreatmentComStdorUseCategory

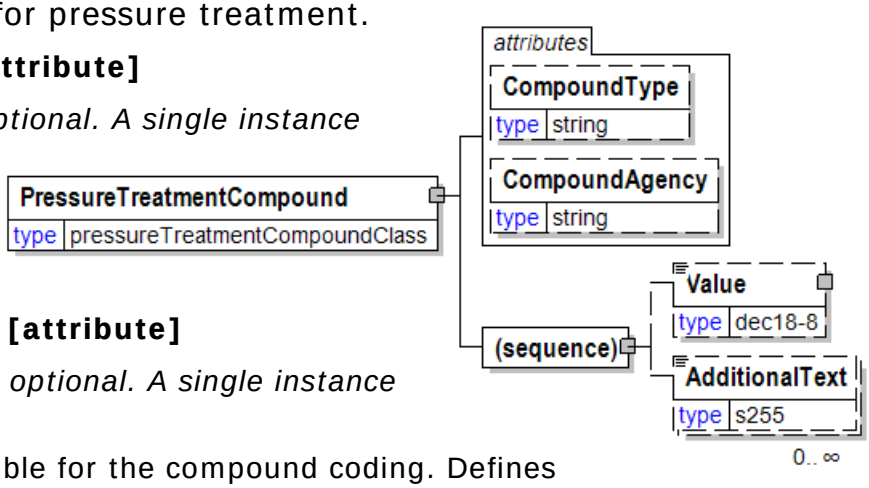
PressureTreatmentComStdorUseCategory is mandatory. A single instance is required.

Pressure treatment compond standad or use category

Refer to PressureTreatmentComStdorUseCategory definition for any enumerations.

PressureTreatmentCompound

The substance used for pressure treatment.



CompoundType [attribute]

CompoundType is optional. A single instance might exist.

Defines the type of chemical treatment used.

CompoundAgency [attribute]

CompoundAgency is optional. A single instance might exist.

The agency responsible for the compound coding. Defines the trade name of the treatment.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is optional. A single instance might exist.

A numeric value expressed in the unit of measure (UOM).

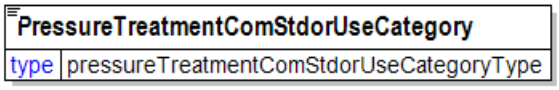
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

PressureTreatmentComStdorUseCategory

Pressure treatment compond standad or use category



This item is restricted to the following list.

C2

C3

C4

C5

C6

C9

C11

C14

C15

C17

C18

C20

C22

C23

C24

C25

C27

C28

C29

C30

C31

C32

C33

C34

C35

N1

N2

UC2

UC3A

UC3B

UC4A

UC4B

UC4C

UC5A

UC5B

UC5C

UCFA

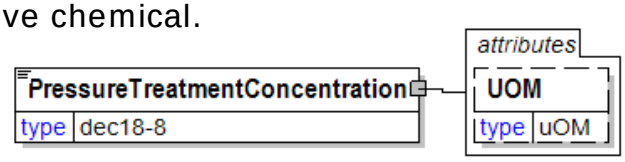
UCFB

PressureTreatmentConcentration

Retained concentration of preservative chemical.

UOM [attribute]

UOM is optional. A single instance might exist.

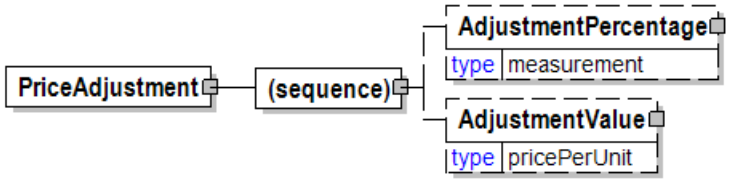


Defines the unit of measure for the value.

Refer to UOM definition for any enumerations.

PriceAdjustment

A group item defining a deviation from the PricePerUnit.



(sequence)

The sequence of items below is mandatory. A single instance is required.

AdjustmentPercentage

AdjustmentPercentage is optional. A single instance might exist.

A percentage, either negative or positive, that is applied to either the price, or a starting amount to determine the value of the particular MonetaryAdjustment.

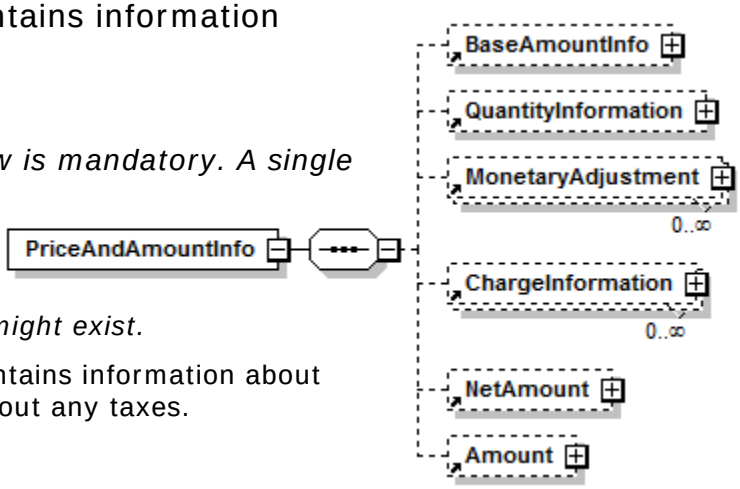
AdjustmentValue

AdjustmentValue is optional. A single instance might exist.

A group element that contains a currency value, either positive or negative, and a measurement value (in other words a price per unit structure) that will be used in the price adjustment AdjustmentValue.

PriceAndAmountInfo

A grouping element that contains information about price and amounts.



(sequence)

The sequence of items below is mandatory. A single instance is required.

BaseAmountInfo

BaseAmountInfo is optional. A single instance might exist.

A grouping element that contains information about price and base amount without any taxes.

QuantityInformation

QuantityInformation is optional. A single instance might exist.

A group item containing information about quantity and informational quantity of similar items.

MonetaryAdjustment

MonetaryAdjustment is optional. Multiple instances might exist.

The element containing the information necessary for the understanding, calculation, and treatment of an adjustment to a currency amount. MonetaryAdjustment contains an attribute that indicates they type of adjustment being communicated.

ChargeInformation

ChargeInformation is optional. Multiple instances might exist.

A group element that contains elements that describe a charge. ChargeInformation is used when charge details need to be specified by using a code assigned by an

agency. It is typically used for freight costs and other costs related to the supply chain.

NetAmount

NetAmount is optional. A single instance might exist.

An element that contains the net amount excluding tax. NetAmount encapsulates CurrencyValue.

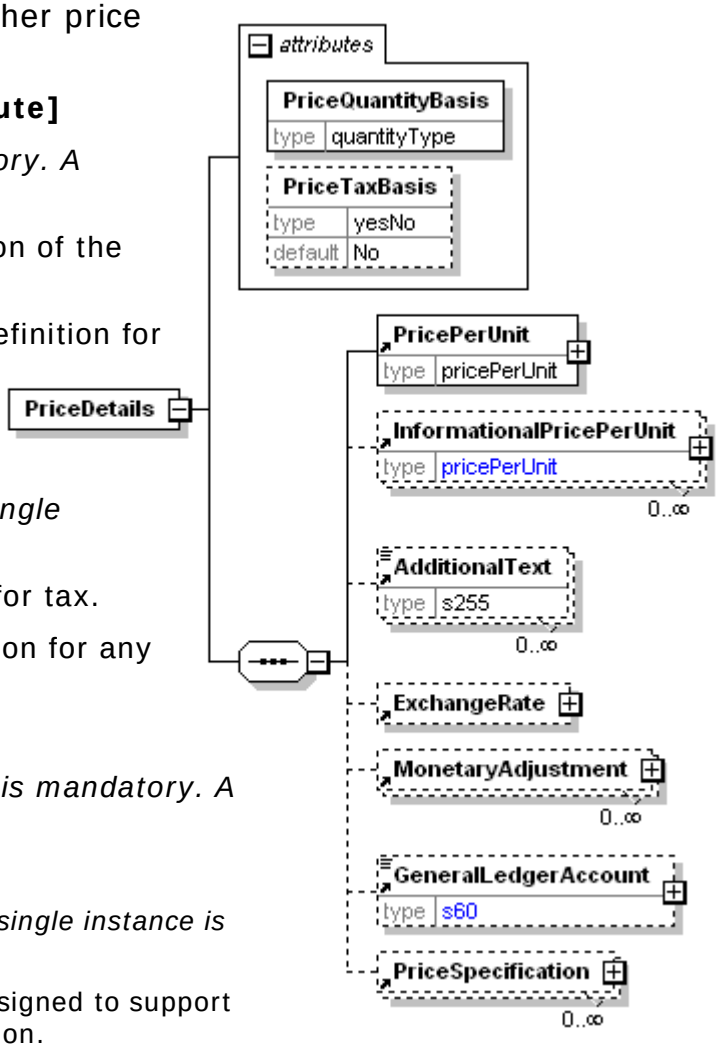
Amount

Amount is optional. A single instance might exist.

An element that contains the amount including tax. The Amount encapsulates CurrencyValue.

PriceDetails

An element that groups together price information.



PriceQuantityBasis [attribute]

PriceQuantityBasis is mandatory. A single instance is required.

The basis for the determination of the price.

Refer to PriceQuantityBasis definition for any enumerations.

PriceTaxBasis [attribute]

PriceTaxBasis is optional. A single instance might exist.

This price provides the basis for tax.

Refer to PriceTaxBasis definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PricePerUnit

PricePerUnit is mandatory. A single instance is required.

PricePerUnit is an element designed to support flexibility in price representation.

This structure is read as CurrencyValue per MeasurementValue, or alternatively CurrencyValue per number of UOM(s).

InformationalPricePerUnit

InformationalPricePerUnit is optional. Multiple instances might exist.

A group item containing a currency value and a measurement value used convey a secondary PricePerUnit. For example, where PricePerUnit is dollars per ton. InformationalPricePerUnit could be dollars per kilogram.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

ExchangeRate

ExchangeRate is optional. A single instance might exist.

The exchange rate as of the date included in the element.

MonetaryAdjustment

MonetaryAdjustment is optional. Multiple instances might exist.

The element containing the information necessary for the understanding, calculation, and treatment of an adjustment to a currency amount. MonetaryAdjustment contains an attribute that indicates they type of adjustment being communicated.

GeneralLedgerAccount

GeneralLedgerAccount is optional. A single instance might exist.

The general ledger account to be referenced for the item.

PriceSpecification

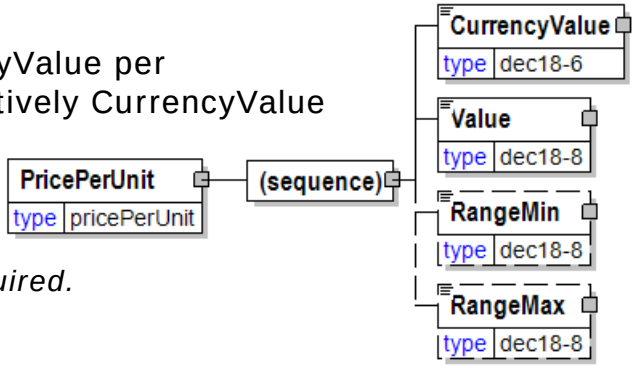
PriceSpecificationt is optional. Multiple instances might exist.

A grouping element that specifies what is included in the price.

PricePerUnit

PricePerUnit is an element designed to support flexibility in price representation.

This structure is read as CurrencyValue per MeasurementValue, or alternatively CurrencyValue per number of UOM(s).



(sequence)

The sequence of items below is mandatory. A single instance is required.

CurrencyValue

CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

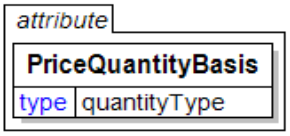
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

PriceQuantityBasis [attribute]

The basis for the determination of the price.



This item is restricted to the following list.

ActualVolume

Actual product space.

AirDryWeight

Contains a normal amount of moisture.

Area

A number that represents the length multiplied by the width is being communicated.

BoneDry

Contains insignificant moisture.

Count

The number of items.

Distance

The quantity being communicated is a distance.

GrossWeight

The weight including all packaging and furnishing. The gross weight of the deliveries includes tare weight.
Note: In Forest Wood Supply business the quantity type GrossWeight is used in contexts when the weight of an item is not directly linked to a product. The gross weight of the item is then the weight before removal of rejects and other deductions. See also the definition of quantity type NetNetWeight.

Energy

The quantity represents energy content.

Length

The length of the object.

LogisticsGrossWeight

The total weight of the goods and the tare weight of the vehicle including transport units.

LogisticsNetWeight

The tare weight of the vehicle including transport units.

LogPileGrossVolume

The volume of a pile of logs, including gaps and before removal of rejects and

other deductions.
Note: In Forest Wood Supply business the quantity type LogPileGrossVolume is used in contexts when the volume of the log pile is not directly linked to a product. See also the definition of quantity type LogPileVolume.

LogPileVolume

The volume of a pile of logs, including gaps. The product specification defines what is included in this volume, for example if rejects or other deductions are included or not. See also the definition of quantity type LogPileGrossVolume.

NetWeight

The net weight of the product is being used, does not include tare weights. May include certain conversion components.

NetNetWeight

The net weight of the product without any packaging or conversion materials.
Note: In Forest Wood Supply business the product specification defines what is included in this net weight, for example if rejects or other deductions are included or not. See also the definition of quantity type GrossWeight.

NominalWeight

A calculated weight that is derived from another measurement. For example, the length of paper multiplied by the specified basis weight could be used to derive a nominal weight.

Percent

The number being communicated is a percentage.

RunningLength

The length of the reel.

ShortLengthVolume

SolidWoodGrossVolume

The volume of logs, stems, chips, etc. without bark and gaps and before removal of rejects and other deductions.
Note: In Forest Wood Supply business the quantity type SolidWoodGrossVolume is used in contexts when the volume of the item is not directly linked to a product. See also the definition of quantity type SolidWoodVolume.

SolidWoodVolume

The volume of logs, stems, chips, etc. without bark and gaps. The product specification defines what is included in this volume, for example if rejects or other deductions are included or not. See also the definition of quantity type SolidWoodGrossVolume.

TareWeight

The weight of the previously agreed to packaging and furnishing.

Time

The number being communicated represents an amount of time.

TippedLooseVolume

The volume of tipped loose content, including gaps. Often used as a quantity

type for piles of chips, sawdust, etc.

Volume

WoodGrossVolume

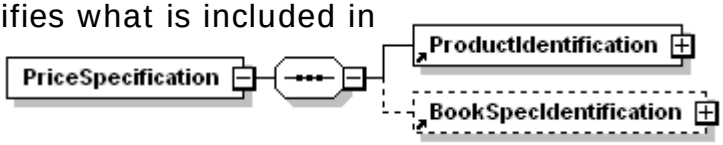
The volume of logs, stems, chips, etc. without gaps but including bark and before removal of rejects and other deductions.
Note: In Forest Wood Supply business the quantity type WoodGrossVolume is used in contexts when the volume of the item is not directly linked to a product. See also the definition of quantity type WoodVolume.

WoodVolume

The volume of logs, stems, chips, etc. without gaps but including bark. The product specification defines what is included in this volume, for example if rejects or other deductions are included or not. See also the definition of quantity type WoodGrossVolume.

PriceSpecification

A grouping element that specifies what is included in the price**.**



(sequence)

The sequence of items below is mandatory. A single instance is required.

ProductIdentification

ProductIdentification is mandatory. A single instance is required.

A grouping element designed to communicate product identification related to the parent element that contains this item.

BookSpecIdentification

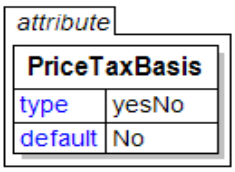
BookSpecIdentification is optional. A single instance might exist

A grouping element that contains information identifying a book specification.

PriceTaxBasis [attribute]

This price provides the basis for tax.

This item is restricted to the following list.

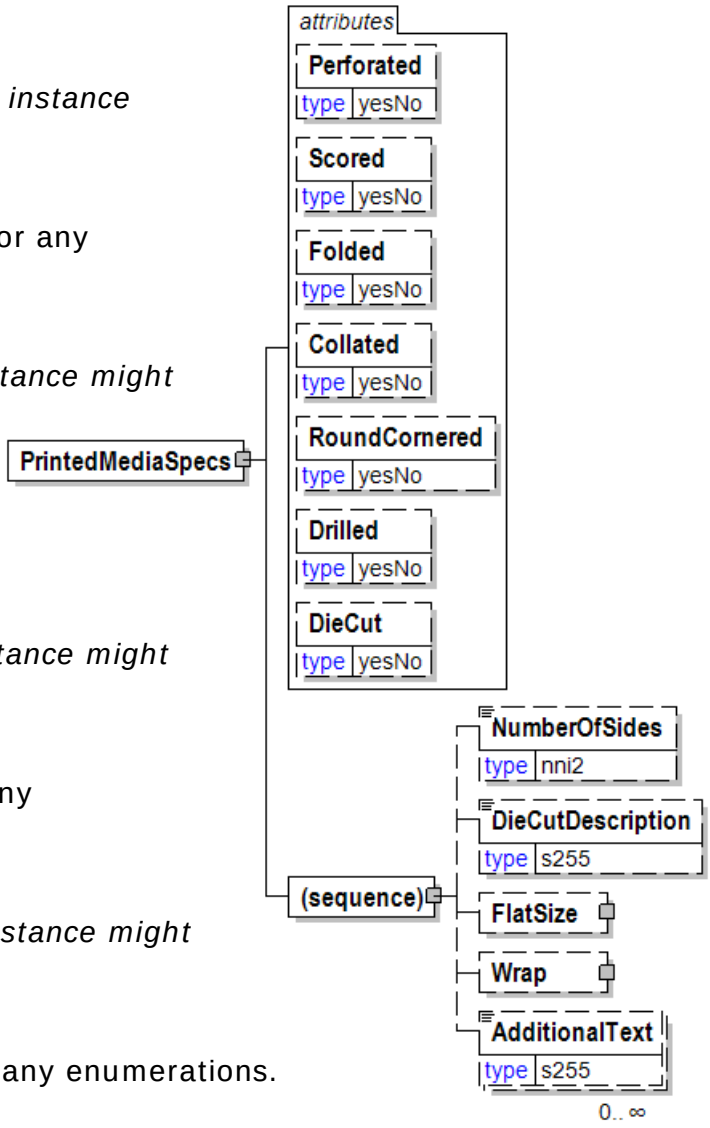


Yes

No

PrintedMediaSpecs

Printed media specifications



Perforated [attribute]

Perforated is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Perforated definition for any enumerations.

Scored [attribute]

Scored is optional. A single instance might exist.

Is this item scored?

Refer to Scored definition for any enumerations.

Folded [attribute]

Folded is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Folded definition for any enumerations.

Collated [attribute]

Collated is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Collated definition for any enumerations.

RoundCornered [attribute]

RoundCornered is optional. A single instance might exist.

Is the item round cornered?

Refer to RoundCornered definition for any enumerations.

Drilled [attribute]

Drilled is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Drilled definition for any enumerations.

DieCut [attribute]

DieCut is optional. A single instance might exist.

Either "Yes" or "No".

Refer to DieCut definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

NumberOfSides

NumberOfSides is optional. A single instance might exist.

The number of sides.

DieCutDescription

DieCutDescription is optional. A single instance might exist.

Die cut description

FlatSize

FlatSize is optional. A single instance might exist.

Flat size

Wrap

Wrap is optional. A single instance might exist.

A group item that organises wrapping detail information.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

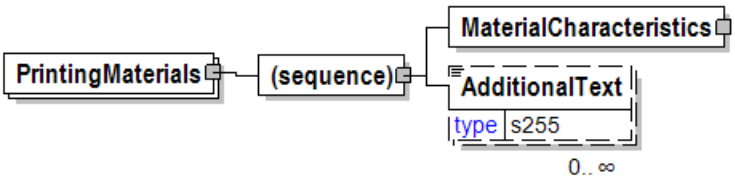
A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

PrintingMaterials

Printing materials information.

(sequence)

The sequence of items below is mandatory. A single instance is required.



MaterialCharacteristics

MaterialCharacteristics is mandatory. A single instance is required.

Material characteristics.

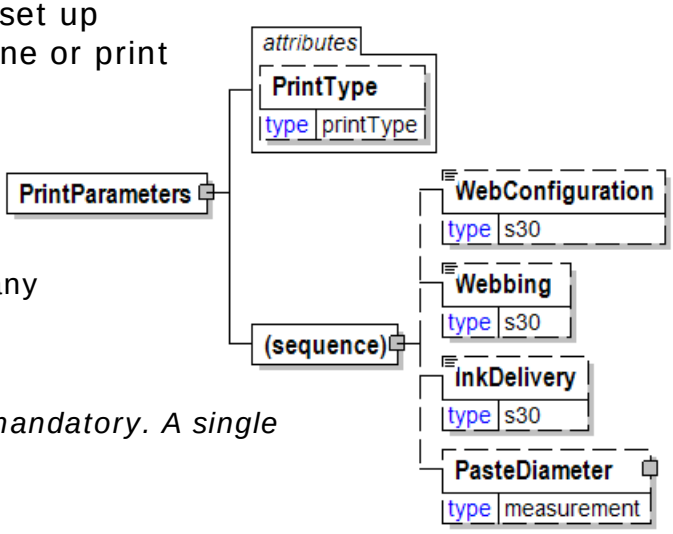
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

PrintParameters

PrintParameters is optional. The set up parameters of how a print machine or print job is within this construct.



PrintType [attribute]

PrintType is optional. A single instance might exist.

Refer to PrintType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

WebConfiguration

WebConfiguration is optional. A single instance might exist.

The way the web runs through the press.

Webbing

Webbing is optional. A single instance might exist.

The webbing that is used in the printing process.

InkDelivery

InkDelivery is optional. A single instance might exist.

The delivery mechanism used in the printing process.

PasteDiameter

PasteDiameter is optional. A single instance might exist.

The diameter measurement of a reel when a new reel of paper is glued or pasted to it to continue running.

PrintType [attribute]

This item is restricted to the following list.

ColdsetOffset

An offset printing method suitable for newspapers, in other words, ink dries by penetration into the paper.

ContinuousForms

An offset printing method, generally without a hot drying section and suitable for reels.

Digital

An electrostatic printing method, typically a large black-and-white or multicolour printer/copier.

Flexography

A special printing method, which is a follow-up of letter print with advanced print cylinder surface. Suitable for sheets.

FoilPrint

A special printing/finishing method suitable for foils through embossed print plate/cylinder; flat/flat, or circle/flat (form to sheet).

Forms

An offset printing method, generally without a hot drying section and suitable for sheets.

Gravure

A standard printing method with embossed print cylinders. Suitable for sheets.

HeatsetOffset

An offset printing method.

InkJet

An inkjet printing method, typically a large black-and-white or multicolour printer.

InstantOffset

A standard flat printing method (for example, wet offset, or waterless offset) suitable for small print orders and small sheet sizes (for example, max. DIN A3).

Laser

A laser-based printing method, typically a large black-and-white or multicolour printer/copier.

Letterpress

A special printing method suitable for books or newspapers (old style) with advanced letters. Suitable for sheets.

LightPrint

- A printing method similar to a facsimile print, a photo-like print with a specific prepared cylinder surface on photo basis or an artificial print.

MiniWeb

A digital printing method suitable for reels less than 20 inch wide.

RotoFlexography

RotoGravure

RotoLetterpress

RotoSilkScreen

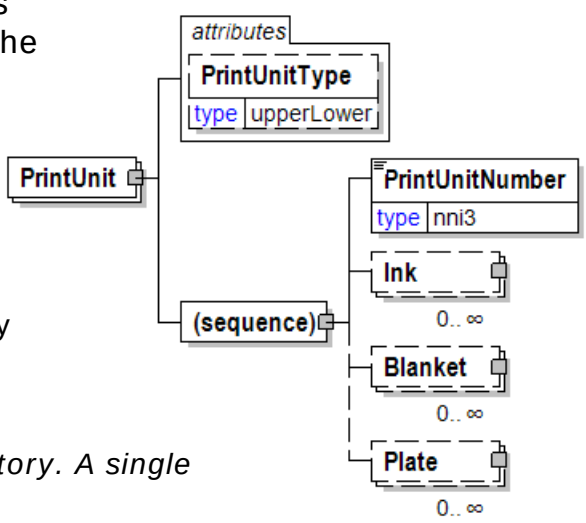
SheetfedOffset

SilkScreen

WebOffset

PrintUnit

PrintUnit identifies the unique qualities associated with the individual unit of the printing press.



PrintUnitType [attribute]

PrintUnitType is optional. A single instance might exist.

Print UnitT ype

Refer to PrintUnitType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PrintUnitNumber

PrintUnitNumber is mandatory. A single instance is required.

The number of the print unit.

Ink

Ink is optional. Multiple instances might exist.

A grouping element that describes the ink used in the process.

Blanket

Blanket is optional. Multiple instances might exist.

Blanket is a group element that contains elements that describe this component of the printing process.

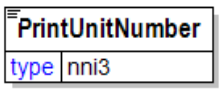
Plate

Plate is optional. Multiple instances might exist.

The image carrying medium.

PrintUnitNumber

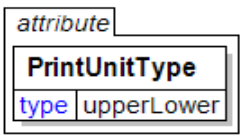
The number of the print unit.



PrintUnitType [attribute]

Print UnitT ype

This item is restricted to the following list.



Upper

Lower

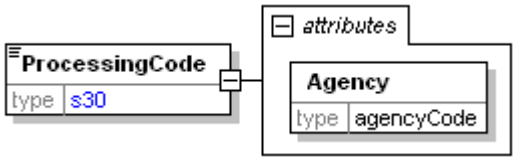
PriorityOrder [attribute]

Specifies the priority order of the item as a two digit positive integer. Value 1 is the highest priority.



ProcessingCode

A code defining processing details for a product.



Agency [attribute]

Agency is mandatory. A single instance is required.

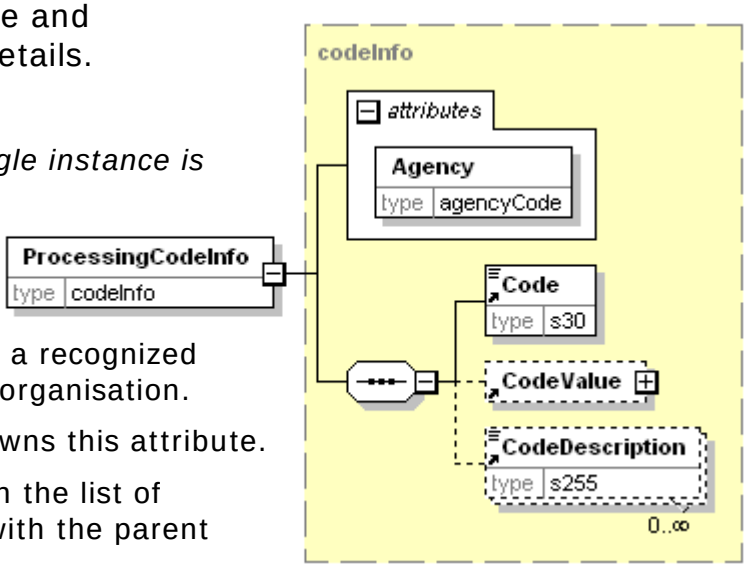
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

ProcessingCodeInfo

A group item specifying code and description for processing details.



Agency [attribute]

Agency is mandatory. A single instance is required.

Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Code

Code is mandatory. A single instance is required.

Specifies a code that is defined by an agency. The agency is given for the whole

construct containing the code.

CodeValue

CodeValue is optional. A single instance might exist.

A grouping element specifying a value belonging to a code that is defined by an agency.

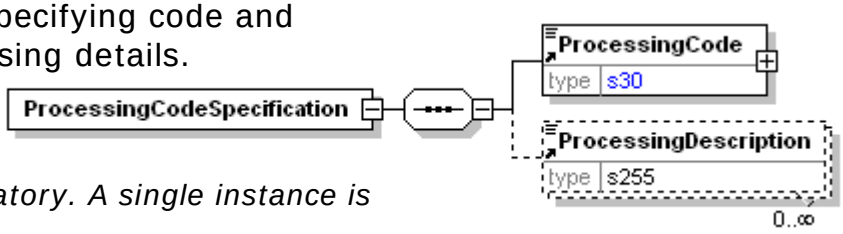
CodeDescription

CodeDescription is optional. Multiple instances might exist.

A textual description for the meaning of a code that is defined by an agency.

ProcessingCodeSpecification

A grouping element specifying code and description for processing details.



(sequence)

The sequence of items below is mandatory. A single instance is required.

ProcessingCode

ProcessingCode is mandatory. A single instance is required.

A code defining processing details for a product.

ProcessingDescription

ProcessingDescription is optional. Multiple instances might exist.

A text element describing processing details for a product.

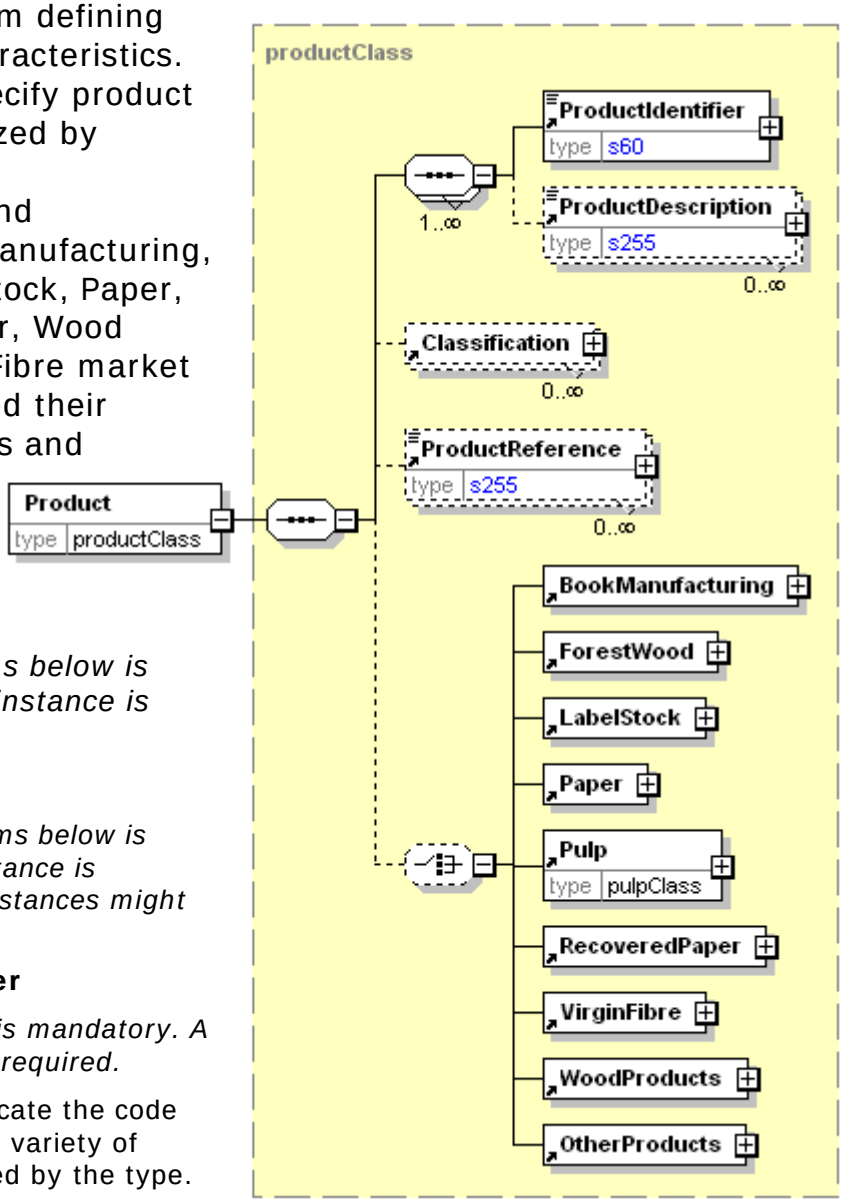
ProcessingDescription

A text element describing processing details for a product.



Product

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Forest Wood, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.



(sequence)

The sequence of items below is mandatory. A single instance is required.

(sequence)

The sequence of items below is mandatory. One instance is required, multiple instances might exist.

ProductIdentifier

ProductIdentifier is mandatory. A single instance is required.

Used to communicate the code of the article, in a variety of formats designated by the type.

ProductDescription

ProductDescription is optional. Multiple instances might exist.

An element used to communicate a human readable description of the product in the language specified by the Language attribute.

Classification

Classification is optional. Multiple instances might exist.

A group item that details the product classification according to a particular organization's scheme. An item across multiple classifications would still be recognized as the same item. Examples of some product classifications are: Containerboard, Pulp-Dissolving, or Newsprint.

ProductReference

ProductReference is optional. Multiple instances might exist.

An element detailing relevant references pertaining to the Product as indicated by ProductReferenceType and AssignedBy.

(choice)

[choice] is optional because of choice construct.

BookManufacturing

BookManufacturing is optional because of choice construct.

BookManufacturing is a group element that contains the elements that describe the book manufacturing process.

ForestWood

ForestWood is optional because of choice construct.

A grouping element with information about characteristics for Forest Wood products**.**

LabelStock

LabelStock is optional because of choice construct.

LabelStock contains the attributes and characteristics that define the label stock product.

Paper

Paper is optional because of choice construct.

A group item defining the characteristics of the paper product.

Pulp

Pulp is optional because of choice construct.

A group item defining the characteristics of pulp that are not dependent on a particular conversion process.

RecoveredPaper

RecoveredPaper is optional because of choice construct.

A group item defining the characteristics of recycled fibre that are not dependent on a particular conversion process.

VirginFibre

VirginFibre is optional because of choice construct.

Virgin Fibre

WoodProducts

WoodProducts is optional because of choice construct.

A grouping element for all wood products.

OtherProducts

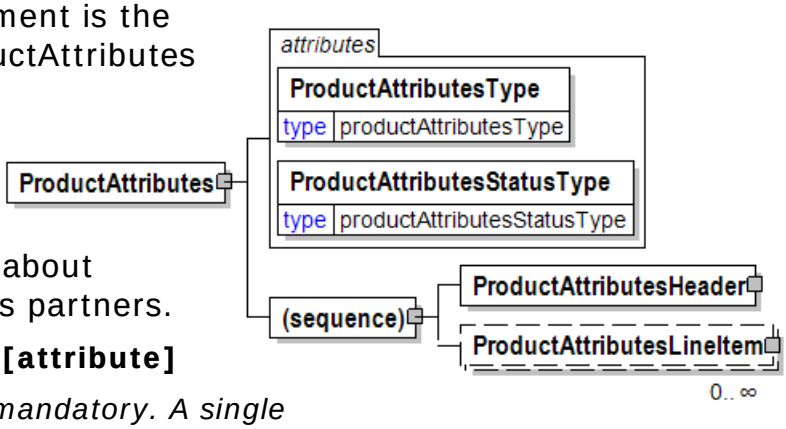
OtherProducts is optional because of choice construct.

A group item defining the characteristics of other products.

ProductAttributes

The ProductAttributes element is the root element for the ProductAttributes e-Document.

The ProductAttributes e-Document provides the means to communicate information about products between business partners.



ProductAttributesType [attribute]

ProductAttributesType is mandatory. A single instance is required.

The type of information being communicated in the ProductAttributes e-Document

Refer to ProductAttributesType definition for any enumerations.

ProductAttributesStatusType [attribute]

ProductAttributesStatusType is mandatory. A single instance is required.

Defines the status of the entire ProductAttributes e-Document, in other words, at the root level

Refer to ProductAttributesStatusType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ProductAttributesHeader

ProductAttributesHeader is mandatory. A single instance is required.

Information that applies to the entire ProductAttributes e-Document.

ProductAttributesLineItem

ProductAttributesLineItem is optional. Multiple instances might exist.

A group element that contains data relevant to the Product described on the line item.

ProductAttributesHeader

Information that applies to the entire ProductAttributes e-Document.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ProductAttributesNumber

ProductAttributesNumber is optional. A single instance might exist.

The unique identifier of the ProductAttributes e-Document.

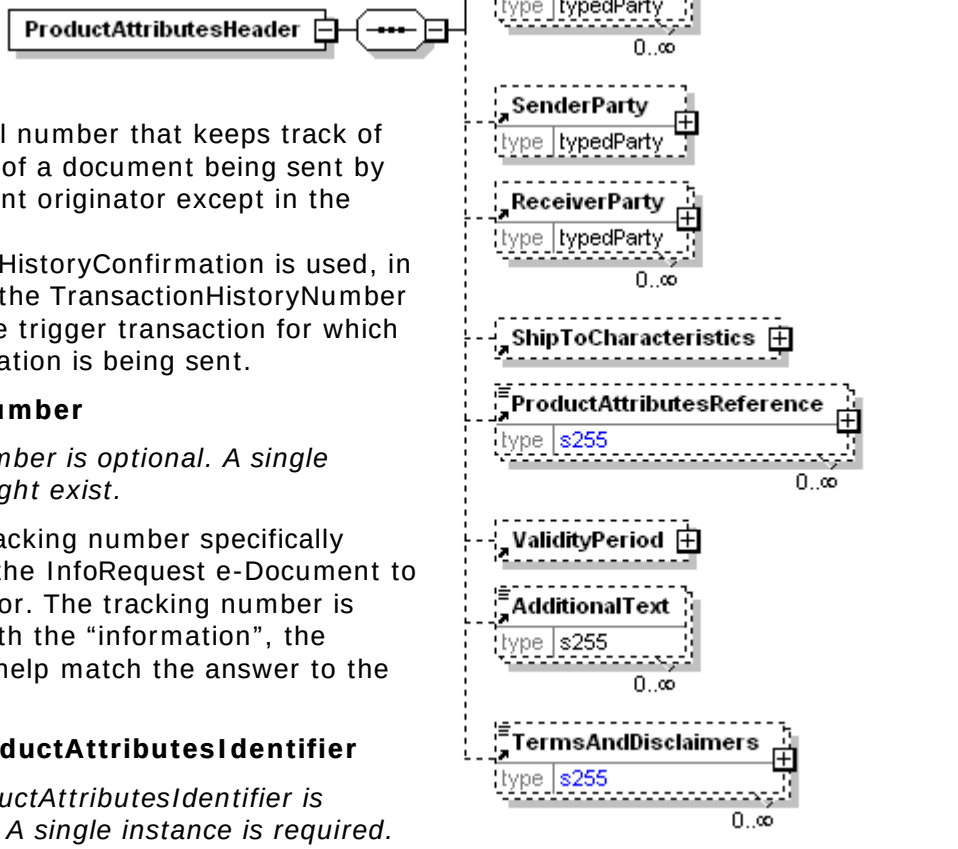
ProductAttributesIssueDate

ProductAttributesIssueDate is mandatory. A single instance is required.

The Date and Time the ProductAttributes are issued. (Compare to ValidityPeriod.)

TransactionHistoryNumber

TransactionHistoryNumber is optional. A single instance might exist.



A sequential number that keeps track of the version of a document being sent by the document originator except in the case where TransactionHistoryConfirmation is used, in which case the TransactionHistoryNumber refers to the trigger transaction for which the confirmation is being sent.

RequestNumber

RequestNumber is optional. A single instance might exist.

A unique tracking number specifically identifying the InfoRequest e-Document to the originator. The tracking number is returned with the “information”, the answer, to help match the answer to the request.

SenderProductAttributesIdentifier

SenderProductAttributesIdentifier is mandatory. A single instance is required.

A unique identifier assigned to the combination of products, properties, and ReceivingParty that makes this list of ProductAttributes unique from the SendingParty’s point of view. Subsequent ProductAttributes with updates will use this same identifier.

SenderProductAttributesName

SenderProductAttributesName is optional. A single instance might exist.

The name given to the set of products sent in the ProductAttributes e-Document.

SenderProductAttributesDescription

SenderProductAttributesDescription is optional. Multiple instances might exist.

An element containing free text used to describe the set of products sent in the ProductAttributes.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

SenderParty

SenderParty is optional. A single instance might exist.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is optional. Multiple instances might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

ShipToCharacteristics

ShipToCharacteristics is optional. A single instance might exist.

A group item that provides information important for the Ship-To Party.

ShipToCharacteristics may be referenced at both the header and line item level. The reference at the header is required and acts as a default for the value at the line level, unless overridden at the line level.

ProductAttributesReference

ProductAttributesReference is optional. Multiple instances might exist.

References that apply to the ProductAttributes e-Document, contains the ProductAttributesReferenceType attribute.

ValidityPeriod

ValidityPeriod is optional. A single instance might exist.

The validity period for a specific item, e.g. the validity period for an e-Document.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

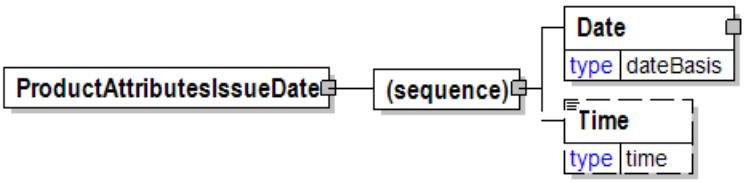
TermsAndDisclaimers

TermsAndDisclaimers is optional. Multiple instances might exist.

An element that contains legal information with an indication of what the Language is.

ProductAttributesIssueDate

The Date and Time the ProductAttributes are issued. (Compare to ValidityPeriod.)



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

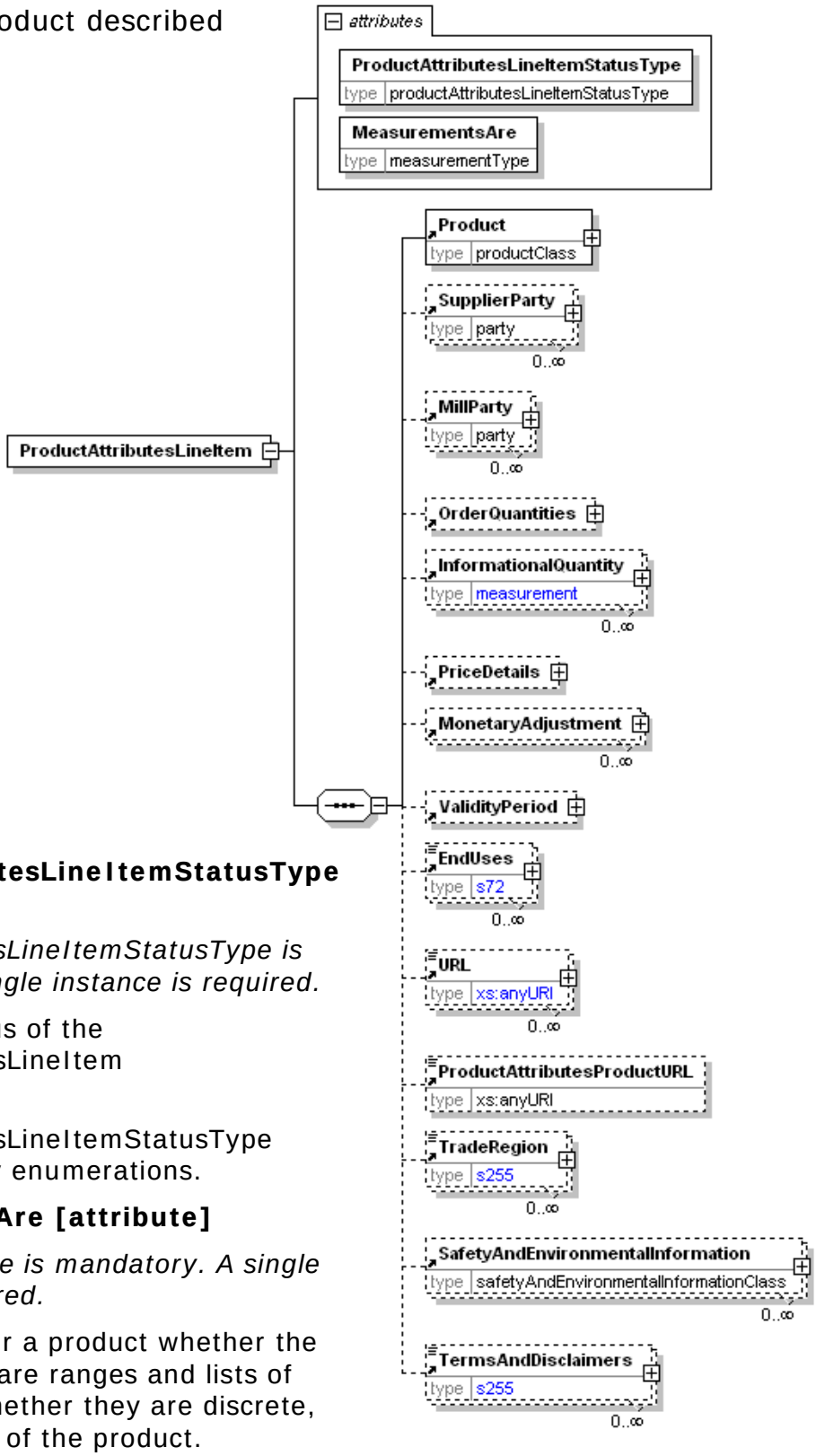
Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

ProductAttributesLineItem

A group element that contains data relevant to the Product described on the line item.



ProductAttributesLineItemStatusType [attribute]

ProductAttributesLineItemStatusType is mandatory. A single instance is required.

Defines the status of the ProductAttributesLineItem

Refer to ProductAttributesLineItemStatusType definition for any enumerations.

MeasurementsAre [attribute]

MeasurementsAre is mandatory. A single instance is required.

Used to define for a product whether the details provided are ranges and lists of properties, or whether they are discrete, single properties of the product.

Refer to MeasurementsAre definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Product

Product is mandatory. A single instance is required.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

SupplierParty

SupplierParty is optional. Multiple instances might exist.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

MillParty

MillParty is optional. Multiple instances might exist.

The organisation or business entity that actually produces the product.

OrderQuantities

OrderQuantities is optional. A single instance might exist.

An element that contains the quantities that can be used for ordering.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

PriceDetails

PriceDetails is optional. A single instance might exist.

An element that groups together price information.

MonetaryAdjustment

MonetaryAdjustment is optional. Multiple instances might exist.

The element containing the information necessary for the understanding, calculation, and treatment of an adjustment to a currency amount. MonetaryAdjustment contains an attribute that indicates they type of adjustment being communicated.

ValidityPeriod

ValidityPeriod is optional. A single instance might exist.

The validity period for a specific item, e.g. the validity period for an e-Document.

EndUses

EndUses is optional. Multiple instances might exist.

A text element used to express in human readable form a list of applicable end uses for a product. Examples of end uses are:

Magazine

Book

Commercial print

etc

URL

URL is optional. Multiple instances might exist.

Universal Resource Locator. While typically a web address you could use this field to hold an email address.

ProductAttributesProductURL

ProductAttributesProductURL is optional. A single instance might exist.

The web address of information pertinent to a particular product.

TradeRegion

TradeRegion is optional. Multiple instances might exist.

A geographic area for product availability communication.

SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency).

TermsAndDisclaimers

TermsAndDisclaimers is optional. Multiple instances might exist.

An element that contains legal information with an indication of what the Language is.

ProductAttributesLineItemStatusType [attribute]

Defines the status of the ProductAttributesLineItem



This item is restricted to the following list.

Amended

The supplied information is changed.

Cancelled

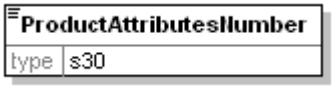
The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

Original

The supplied information is the first version of that information.

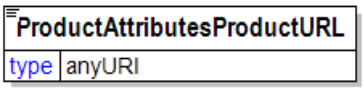
ProductAttributesNumber

The unique identifier of the ProductAttributes e-Document.



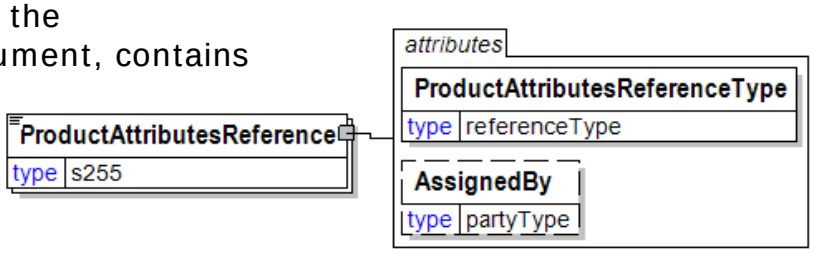
ProductAttributesProductURL

The web address of information pertinent to a particular product.



ProductAttributesReference

References that apply to the ProductAttributes e-Document, contains the



ProductAttributesReferenceType attribute.

ProductAttributesReferenceType [attribute]

ProductAttributesReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to ProductAttributesReferenceType definition for any enumerations.

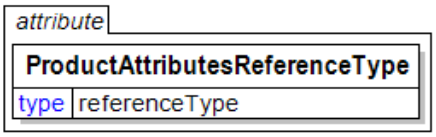
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

ProductAttributesReferenceType [attribute]

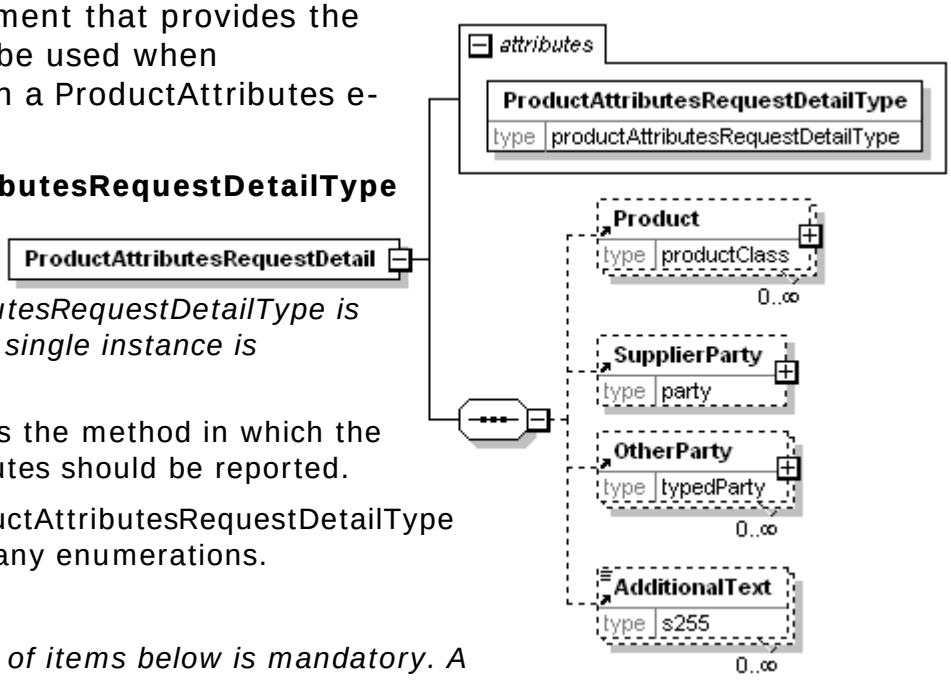


Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

ProductAttributesRequestDetail

A grouping element that provides the parameters to be used when responding with a ProductAttributes e-Document.



ProductAttributesRequestDetailType [attribute]

ProductAttributesRequestDetailType is mandatory. A single instance is required.

Communicates the method in which the ProductAttributes should be reported.

Refer to ProductAttributesRequestDetailType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Product

Product is optional. A single instance might exist.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

SupplierParty

SupplierParty is optional. A single instance might exist.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

ProductAttributesRequestDetailType [attribute]

Communicates the method in which the ProductAttributes should be reported.



This item is restricted to the following list.

PriceList

Request for a price list.

ProductCrossReference

Request for product cross reference information.

ProductProperties

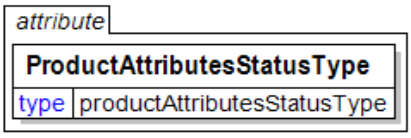
Request for properties of the products.

UniqueProductIdentifier

Request for unique product identifiers.

ProductAttributesStatusType [attribute]

Defines the status of the entire ProductAttributes e-Document, in other words, at the root level



This item is restricted to the following list.

Amended

The supplied information is changed.

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

Original

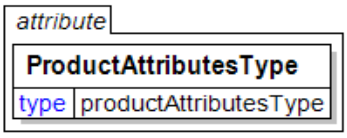
The supplied information is the first version of that information.

Replaced

The supplied information is replacing earlier supplied information. The receiver should revalidate the information in their system based upon the entire information received.

ProductAttributesType [attribute]

The type of information being communicated in the ProductAttributes e-Document



This item is restricted to the following list.

PriceList

The information represents a price list.

ProductCrossReference

The information contains product cross reference information

ProductProperties

The information is a representation of the properties of the products.

UniqueProductIdentifier

The information contains unique product identifiers.

ProductBasisSizeType [attribute]

An attribute list that indicates the size of paper used as the base for the basis weight calculation



This item is restricted to the following list.

GramsPerSquareMeter

The basis size type is in metric measurement of grams per square meter.

16x18

The surface area of a ream (500 sheets) is 16x18 in inches.

17x22

The surface area of a ream (500 sheets) is 17x22 in inches. This size is also known as Bond.

20x26

The surface area of a ream (500 sheets) is 20x26 in inches. This size is also known as Cover.

20x30

The surface area of a ream (500 sheets) is 20x30 in inches.

22.5x22.5

The surface area of a ream (500 sheets) is 22.5x22.5 in inches.

22.5x28.5

The surface area of a ream (500 sheets) is 22.5x28.5 in inches.

24x26

The surface area of a ream (500 sheets) is 24x26 in inches.

24x36

The surface area of a ream (500 sheets) is 24x36 in inches. This size is also known as Newsprint.

25x38

The surface area of a ream (500 sheets) is 25x38 in inches. This size is also known as Book.

25x40

The surface area of a ream (500 sheets) is 25x40 in inches.

25.5x28.5

The surface area of a ream (500 sheets) is 25.5x28.5 in inches.

25.5x30.5

The surface area of a ream (500 sheets) is 25.5x30.5 in inches.

35.5x30.5

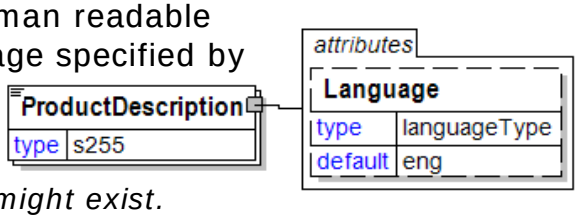
The surface area of a ream (500 sheets) is 35.5x30.5 in inches.

1000SqFt

The surface area of one sheet is 1000 square feet.

ProductDescription

An element used to communicate a human readable description of the product in the language specified by the Language attribute.



Language [attribute]

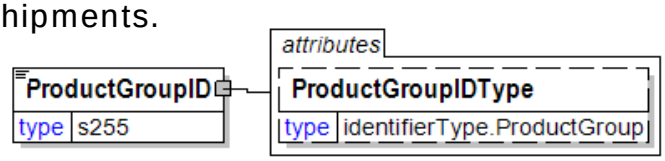
Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

ProductGroupID

Possibility to group packages or Shipments. Example: Creating temporary group ID's for logistic reasons or lot number.



ProductGroupIDType [attribute]

ProductGroupIDType is optional. A single instance might exist.

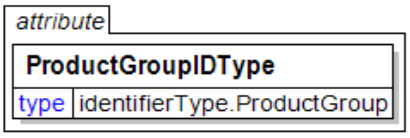
Product Group ID Type

Refer to ProductGroupIDType definition for any enumerations.

ProductGroupIDType [attribute]

Product Group ID Type

This item is restricted to the following list.



BillOfLadingMark

Assigning party's reference mark on each package used for logistic purposes (a mark which is painted to packages just to make handling easier). Not to be confused with Bill of Lading Number.

LotIdentifier

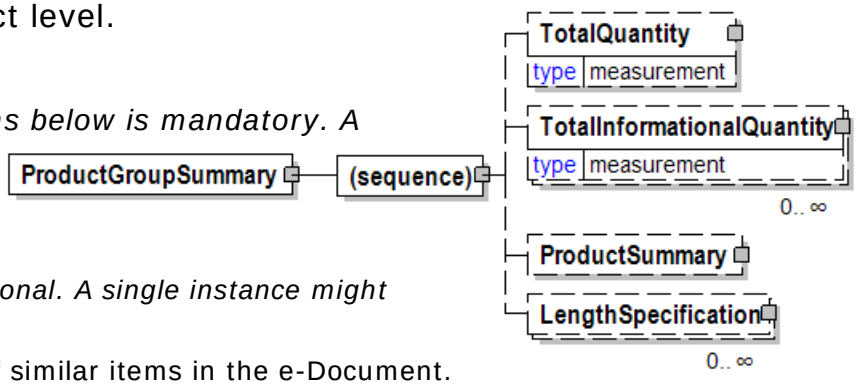
A unique code used to identify a grouping of product with one set of quality statistics common to all members of that group. Synonym: Lot Number

ProductIdentifier

Product Identifier.

ProductGroupSummary

Group of elements to provide summary information on product level.



(sequence)

The sequence of items below is mandatory. A single instance is required.

TotalQuantity

TotalQuantity is optional. A single instance might exist.

The total quantity of similar items in the e-Document. TotalQuantity is primarily used in the summary section of documents where it is repeatable to permit totaling for different units of measure.

TotalInformationalQuantity

TotalInformationalQuantity is optional. Multiple instances might exist.

A quantity that is used to communicate related information about the parent element. This element represents a total that is derived from individual line items.

ProductSummary

ProductSummary is optional. A single instance might exist.

Group of elements to provide summary information on product level.

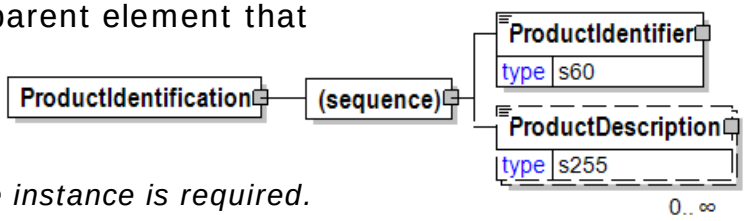
LengthSpecification

LengthSpecification is optional. Multiple instances might exist.

Length specification of the wood product.

ProductIdentification

A grouping element designed to communicate product identification related to the parent element that contains this item.



(sequence)

The sequence of items below is mandatory. A single instance is required.

ProductIdentifier

ProductIdentifier is mandatory. A single instance is required.

Used to communicate the code of the article, in a variety of formats designated by the type.

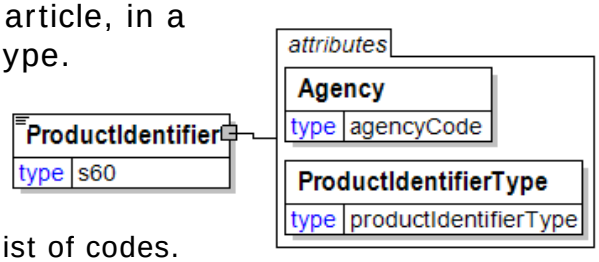
ProductDescription

ProductDescription is optional. Multiple instances might exist.

An element used to communicate a human readable description of the product in the language specified by the Language attribute.

ProductIdentifier

Used to communicate the code of the article, in a variety of formats designated by the type.



Agency [attribute]

Agency is mandatory. A single instance is required.

Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

ProductIdentifierType [attribute]

ProductIdentifierType is mandatory. A single instance is required.

Provides a contextual definition to the product identifier value.

Refer to ProductIdentifierType definition for any enumerations.

ProductIdentifierType [attribute]

Provides a contextual definition to the product identifier value.



This item is restricted to the following list.

BrandName

A specific product brand name for which the owner or source is specified in the “@AssignedBy” attribute.

CASNumber

Chemical Abstracts Service (CAS) numbers are universally used to provide a unique, unmistakable identifier for chemical substances. A CAS number itself has no inherent chemical significance but provides an unambiguous way to identify a chemical substance or molecular structure when there are many possible systematic, generic, proprietary or trivial names. CAS numbers are created and maintained by American Chemical Society. (http://www.cas.org)

CatalogueNumber

A unique reference for a product in a catalogue.

CustomsTariffNumber

EAN8

To be deprecated in next version. GS1 has renamed it to GTIN-8. Use GTIN8 instead.

EAN13

To be deprecated in next version. GS1 has renamed it to GTIN-13. Use GTIN13 instead.

ExportHarmonisedSystemCode

The Harmonised System Code is an international goods classification system developed by the Customs Co-operation Council.

USA: It is a 10-digit number, the first 6 of which compose the harmonised code. The remaining 4 digits represent statistical subdivisions. The schedule is a statistical classification of domestic and foreign commodities exported from the United States.

Canada: Canadians have adopted the scheme as a basis for a new Canadian Tariff and Statistical Classification System. The Canadian export number consists of 8 digits prefixed by “HS” and is shown in the format HS5911.31.10, for example.

EWCNumber

The European Waste Catalogue (EWC) is a hierarchical list of waste codes established by EU Commission decision.

In EU, anyone who runs a business of recycling or disposal requiring environmental permits or operating a heating plant that is using waste as fuel must take cognizance of the wastes category that is described in the EWC list.

http://ec.europa.eu/eurostat/ramon/other_documents/ewc/index.cfm?TargetUrl=DSP_EWC

FinishedGoodIdentifier

Product Identifier assigned by an Agency, e.g. a Publisher, to identify the finished product.

GradeCode

A specific product code for which the owner or source is specified in the “@AssignedBy” attribute.

GradeName

A specific product name for which the owner or source is specified in the “@AssignedBy” attribute (for example, ImprovedNewsprint-45-1479).

GTIN8

An 8 digit identifier GTIN-8 defined by GS1 for trade items, Earlier referred to as European Article Number EAN-8. GTIN-8s will be encoded in an EAN-8 bar code. See also GTIN14 for more information. http://www.gs1.org/

GTIN12

A 12 digit identifier GTIN-12 defined by GS1 for trade items, Earlier referred to as Universal Product Code. GTIN-12s can be encoded in UPC-A, UPC-E, ITF-14, or GS1-128 bar codes. GTIN-12 is primarily used in North America. See also GTIN14 for more information. http://www.gs1us.org/

GTIN13

A 13 digit identifier GTIN-13 defined by GS1 for trade items, Earlier referred to as European Article Number EAN-13. GTIN-13s can be encoded in EAN-13, ITF-14 or GS1-128 bar codes. See also GTIN14 for more information. http://www.gs1.org/

GTIN14

A 14 digit Global Trade Item Number (GTIN) defined by GS1. It is one of the main building blocks of the GS1 System and is used to uniquely identify trade items, which are products and services that are priced, ordered or invoiced at any point in the supply chain.

GTINs can be 8, 12, 13, or 14 digits in length. GS1 recommends that every GTIN be represented in software applications as 14 digits by right justifying and zero filling left, as appropriate. The following table demonstrates the structure of GTINs in a GTIN-compliant database

Type of GTIN	GTIN Digit													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
GTIN-8	0	0	0	0	0	0	N	N	N	N	N	N	N	C
GTIN-12	0	0	N	N	N	N	N	N	N	N	N	N	N	C
GTIN-13	0	N	N	N	N	N	N	N	N	N	N	N	N	C
GTIN-14	N	N	N	N	N	N	N	N	N	N	N	N	N	C

http://www.gs1.org/

ImportHarmonisedSystemCode

The Harmonised System Code is an international goods classification system developed by the Customs Co-operation Council.

USA: It is a 10-digit number, the first 6 of which compose the harmonised code. The remaining 4 digits represent statistical subdivisions. The schedule is a statistical classification of domestic and foreign commodities exported from the United States.

Canada: Canadians have adopted the scheme as a basis for a new Canadian Tariff and Statistical Classification System. The Canadian export number consists of 8 digits prefixed by “HS” and is shown in the format HS5911.31.10, for example.

ManufacturingGradeCode

A specific grade code to the actual manufactured product which may be different to the grade code under which the product is sold.. These codes generally refer to a product manufactured on a pulp or paper machine.

ManufacturingGradeName

A specific grade name assigned to the actual manufactured product which may be different to the grade name under which the product is sold. These codes generally refer to a product manufactured on a pulp or paper machine.

Ondule

A product code issued by the Groupement Ondulé, which is the European Association of Corrugated Base Papers Manufacturers.

PartNumber

An equivalent to the Stock Keeping Unit (SKU) for which the owner or source is specified in the “@AssignedBy” attribute. In other words, this code fully defines the product.

RFQPartNumber

The part number communicated as part of the RFQ process. This may be a

form of the RFQ number itself. This field is designed to handle the situation where there is no part number assigned to the particular blend of product characteristics.

SKU

The Stock Keeping Unit that is assigned by the buyer or supplier and that includes all relevant information to make an individual item ready for shipping.

UPC

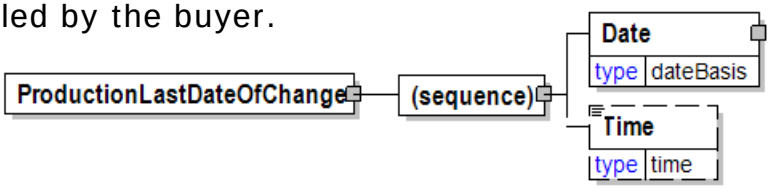
To be deprecated in next version. GS1 US has defined the UPC code to be a Global Trade Item Number GTIN-12. Use GTIN12 instead. See also IdentifierFornatType UPC_A for more information. http://www.gs1us.org/

Other

Used for any other product identifier type that is not covered by the list.

ProductionLastDateOfChange

The final Date and Time that a line item or delivery line may be amended or cancelled by the buyer.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

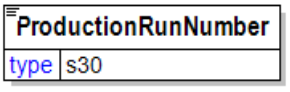
Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

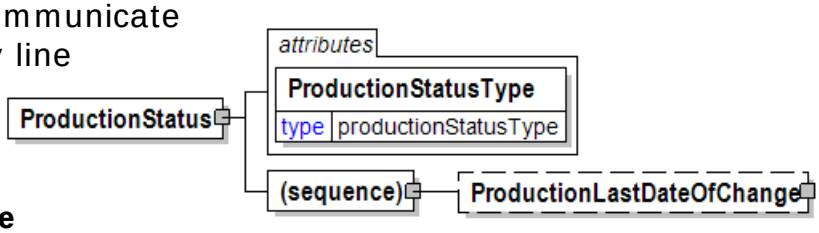
ProductionRunNumber

The ProductionRunNumber assigned by the issuer.



ProductionStatus

A group item used to communicate the release of a delivery line number.



ProductionStatusType [attribute]

ProductionStatusType is mandatory. A single instance is required.

Indicates whether the ordered quantities to which it refers are allowed to be produced.

When goods are free for delivery but the buyer wants to specify a more detailed DeliverySchedule, a CallOff is used.

PurchaseOrder - Typically, a buyer sets ProductionStatusType for an order to “Free”, which means the seller can produce the product(s) on the order. A PurchaseOrder of type ReservationOrder is an exception because the buyer is booking capacity at the mill but not making a commitment to buy; for this type of order, the status is “NotFree”. The buyer uses one or more ReleaseOrder(s) referring to the ReservationOrder to change the ProductionStatusType to “Free” for one or more products on the ReservationOrder.

The level of specification in the DeliverySchedule element is used will indicate whether the PurchaseOrder is “Free” for delivery.

Refer to ProductionStatusType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

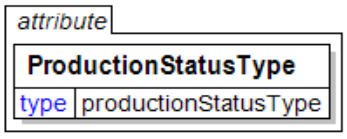
ProductionLastDateOfChange

ProductionLastDateOfChange is optional. A single instance might exist.

The final Date and Time that a line item or delivery line may be amended or cancelled by the buyer.

ProductionStatusType [attribute]

Indicates whether the ordered quantities to which it refers are allowed to be produced.



When goods are free for delivery but the buyer wants to specify a more detailed DeliverySchedule, a CallOff is used.

PurchaseOrder - Typically, a buyer sets ProductionStatusType for an order to “Free”, which means the seller can produce the product(s) on the order. A PurchaseOrder of type ReservationOrder is an exception because the buyer is booking capacity at the mill but not making a commitment to buy; for this type of order, the status is

"NotFree". The buyer uses one or more ReleaseOrder(s) referring to the ReservationOrder to change the ProductionStatusType to "Free" for one or more products on the ReservationOrder.

The level of specification in the DeliverySchedule element is used will indicate whether the PurchaseOrder is "Free" for delivery.

This item is restricted to the following list.

Free

The ordered quantities to which it refers can be produced, in other words, are free to make.

NotFree

The ordered quantities to which it refers cannot be produced, in other words, are not free to make

ProductPackaging

Defines the methods and materials used for packaging.

(sequence)

The sequence of items below is mandatory. A single instance is required.

QuantityInUnit

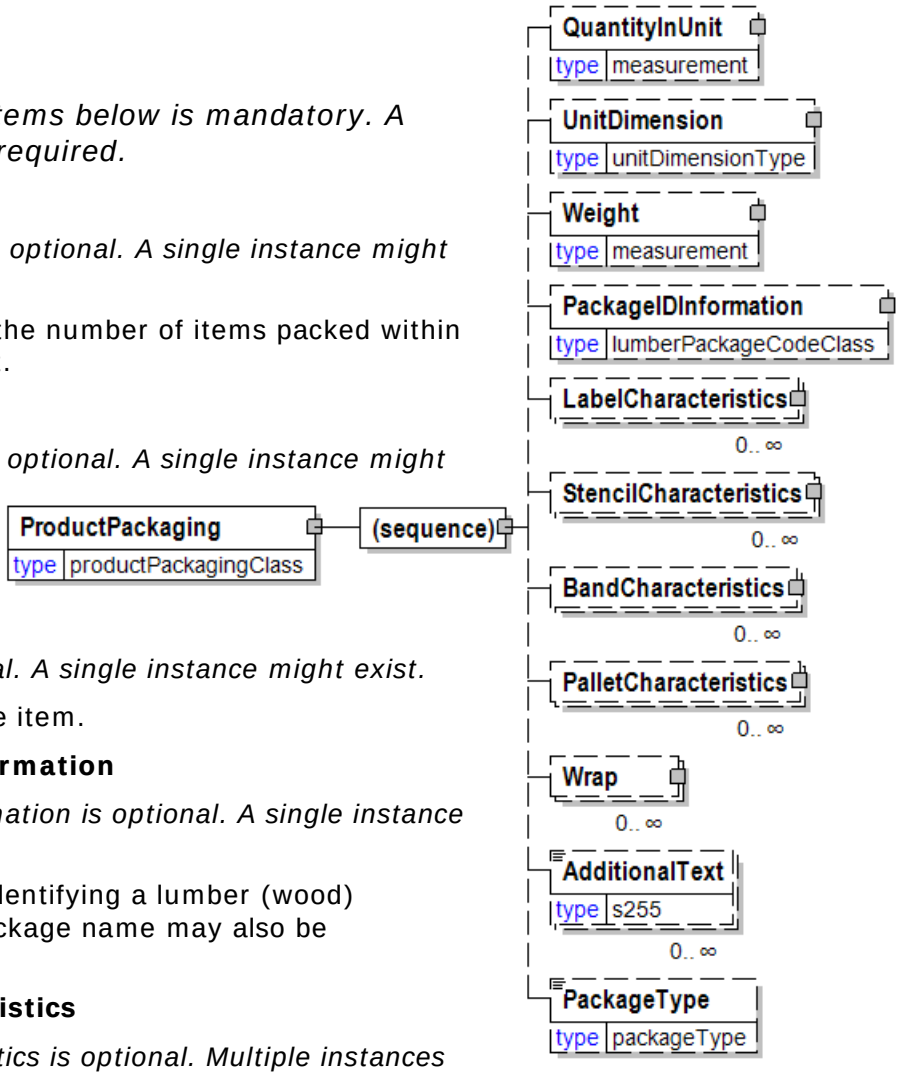
QuantityInUnit is optional. A single instance might exist.

Used to identify the number of items packed within this package unit.

UnitDimension

UnitDimension is optional. A single instance might exist.

Unit Dimension



Weight

Weight is optional. A single instance might exist.

The weight of the item.

PackageIDInformation

PackageIDInformation is optional. A single instance might exist.

Group element identifying a lumber (wood) package. The package name may also be communicated.

LabelCharacteristics

LabelCharacteristics is optional. Multiple instances might exist.

A group item that organises the labeling information.

StencilCharacteristics

StencilCharacteristics is optional. Multiple instances might exist.

A group element specifying attributes of a stencil to be applied to an item, and optional text.

BandCharacteristics

BandCharacteristics is optional. Multiple instances might exist.

A group item that organises the packaging band detail information.

PalletCharacteristics

PalletCharacteristics is optional. Multiple instances might exist.

A group item that provides pallet detail information.

Wrap

Wrap is optional. Multiple instances might exist.

A group item that organises wrapping detail information.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

PackageType

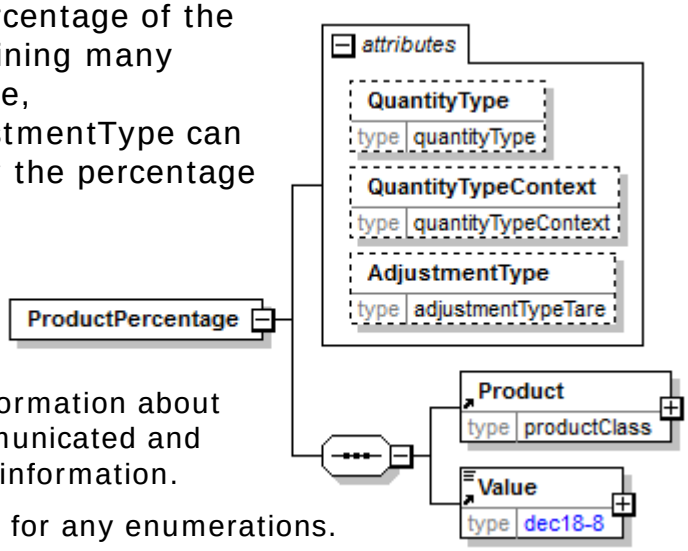
PackageType is optional. A single instance might exist.

Communicates the configuration of the item being reported.

Refer to PackageType definition for any enumerations.

ProductPercentage

The quantity of a product in percentage of the total quantity for an item containing many products. Attribute QuantityType, QuantityTypeContext and AdjustmentType can be used to define what quantity the percentage is referring to.



QuantityType [attribute]

QuantityType is optional. A single instance might exist.

QuantityType communicates information about the type of quantity being communicated and how the receiver might use the information.

Refer to QuantityType definition for any enumerations.

QuantityTypeContext [attribute]

QuantityTypeContext is optional. A single instance might exist.

Provides the location in the value chain where the quantity is being reported.

Refer to QuantityTypeContext definition for any enumerations.

AdjustmentType [attribute]

AdjustmentType is optional. A single instance might exist.

Describes the type of adjustment associated with a quantity.

Refer to AdjustmentType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Product

Product is mandatory. A single instance is required.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

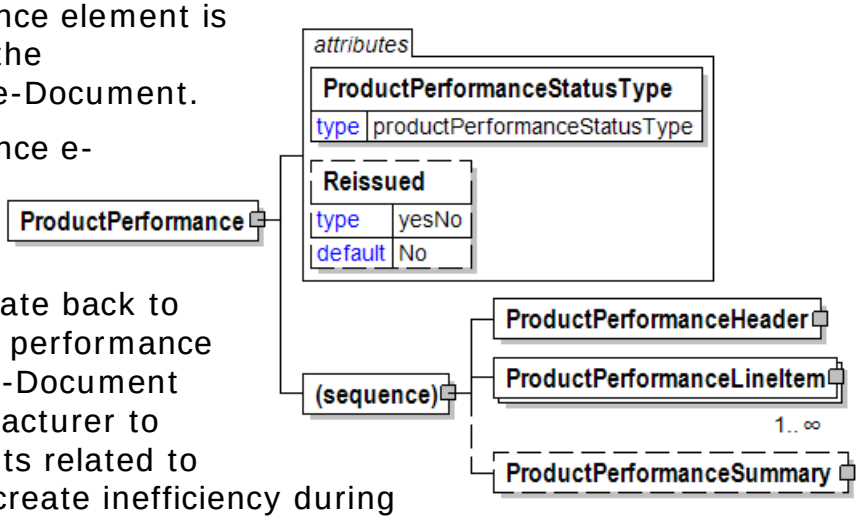
Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

ProductPerformance

The ProductPerformance element is the root element for the ProductPerformance e-Document.



The ProductPerformance e-Document is created by the product consumer in order to communicate back to the manufacturer the performance of the product. This e-Document will enable the manufacturer to focus on improvements related to product defects that create inefficiency during performance. The aggregation of performance factors by product will provide the mechanism for achieving the value aspect of the e-Document. The goal is to keep the products of the Pulp & Paper Industry attractive versus competing alternatives.

ProductPerformanceStatusType [attribute]

ProductPerformanceStatusType is mandatory. A single instance is required.

ProductPerformanceStatusType

Refer to ProductPerformanceStatusType definition for any enumerations.

Reissued [attribute]

Reissued is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Reissued definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ProductPerformanceHeader

ProductPerformanceHeader is mandatory. A single instance is required.

Information that applies to the entire ProductPerformance e-Document.

ProductPerformanceLineItem

ProductPerformanceLineItem is mandatory. One instance is required, multiple instances might exist.

Information for each item in the ProductPerformance e-Document.

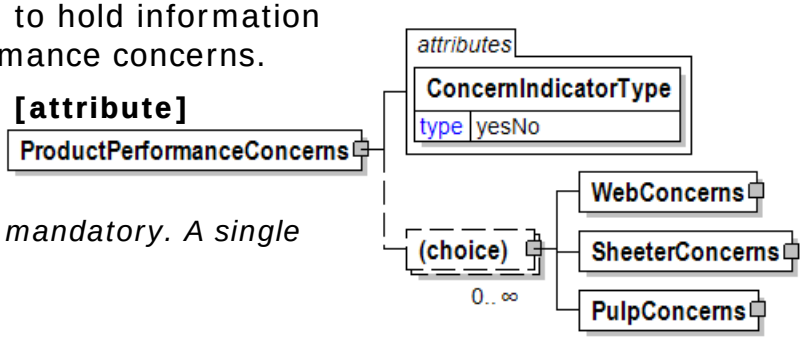
ProductPerformanceSummary

ProductPerformanceSummary is optional. A single instance might exist.

Summary information for the items on the ProductPerformance e-Document

ProductPerformanceConcerns

A grouping element used to hold information about the product performance concerns.



ConcernIndicatorType [attribute]

ConcernIndicatorType is mandatory. A single instance is required.

Either "Yes" or "No".

Refer to ConcernIndicatorType definition for any enumerations.

(choice)

[choice] is optional because of choice construct.

WebConcerns

WebConcerns is optional because of choice construct.

A grouping element that contains the information about a web break.

SheeterConcerns

SheeterConcerns is optional because of choice construct.

SheeterConcerns is a group element that provides information about an event on a sheeter.

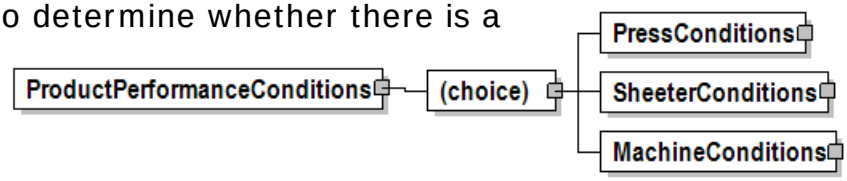
PulpConcerns

PulpConcerns is optional because of choice construct.

If the ConcernIndicatorType is “Y” for a pulp related product then a defect cause must be give.

ProductPerformanceConditions

The ProductPerformanceConditions, while not absolutely necessary to determine whether there is a product concern is available.



(choice)

[choice] is optional because of choice construct.

PressConditions

PressConditions is optional because of choice construct.

Construct contains environmental conditions of the press during operations

SheeterConditions

SheeterConditions is optional because of choice construct.

Identifies the environmental conditions when the sheet was printed on.

MachineConditions

MachineConditions is optional because of choice construct.

A grouping element for all the environmental measurement at the time of the run.

ProductPerformanceDate

The date the e-Document was issued.

(sequence)



The sequence of items below is mandatory. A single instance is required.

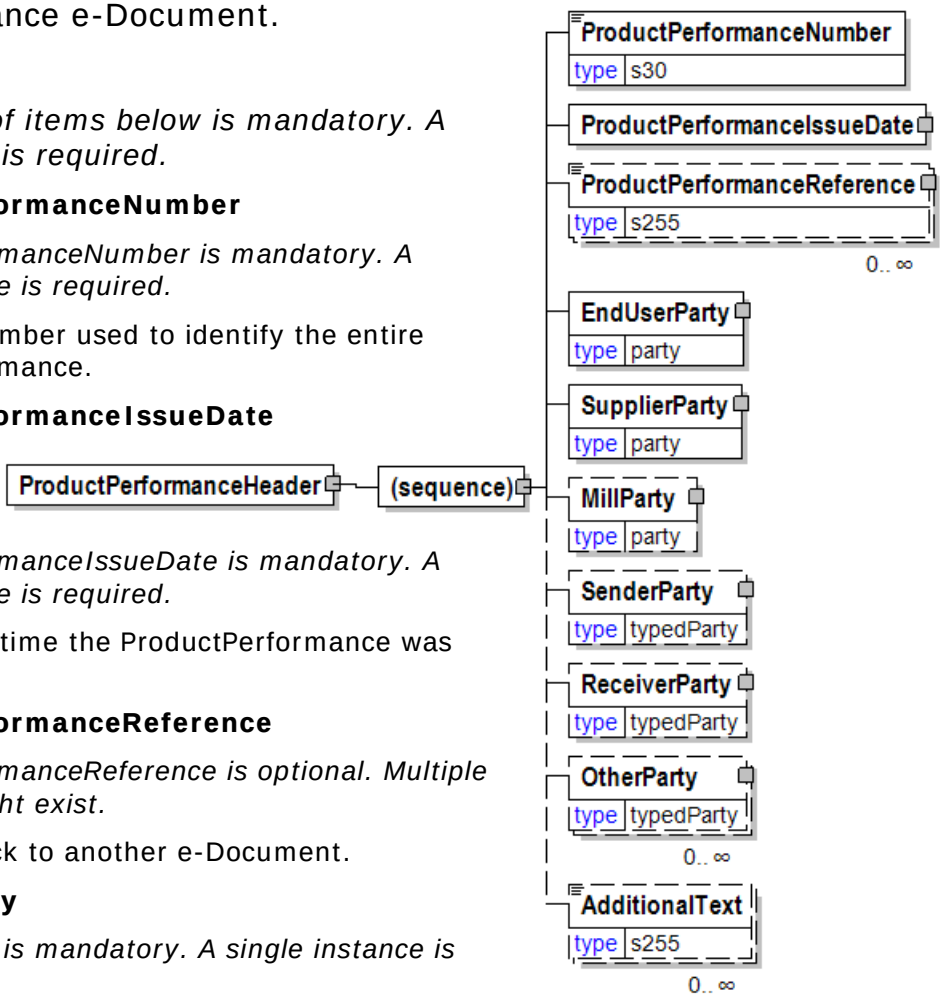
Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

ProductPerformanceHeader

Information that applies to the entire ProductPerformance e-Document.



(sequence)

The sequence of items below is mandatory. A single instance is required.

ProductPerformanceNumber

ProductPerformanceNumber is mandatory. A single instance is required.

The report number used to identify the entire ProductPerformance.

ProductPerformanceIssueDate

ProductPerformanceIssueDate is mandatory. A single instance is required.

The date and time the ProductPerformance was issued.

ProductPerformanceReference

ProductPerformanceReference is optional. Multiple instances might exist.

Reference back to another e-Document.

EndUserParty

EndUserParty is mandatory. A single instance is required.

The party using, consuming, or converting the product. For example, a printer using paper reels for a print job for a publisher. The final ShipTo destination for a product is normally to the end user's facilities.

SupplierParty

SupplierParty is mandatory. A single instance is required.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

MillParty

MillParty is optional. A single instance might exist.

The organisation or business entity that actually produces the product.

SenderParty

SenderParty is optional. A single instance might exist.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is optional. A single instance might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

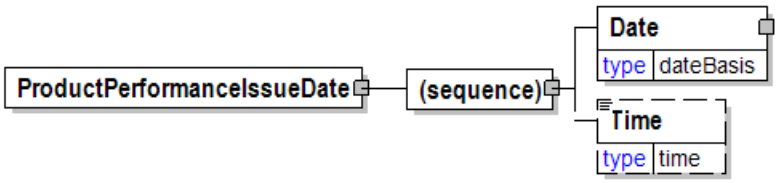
A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

ProductPerformanceIssueDate

The date and time the ProductPerformance was issued.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

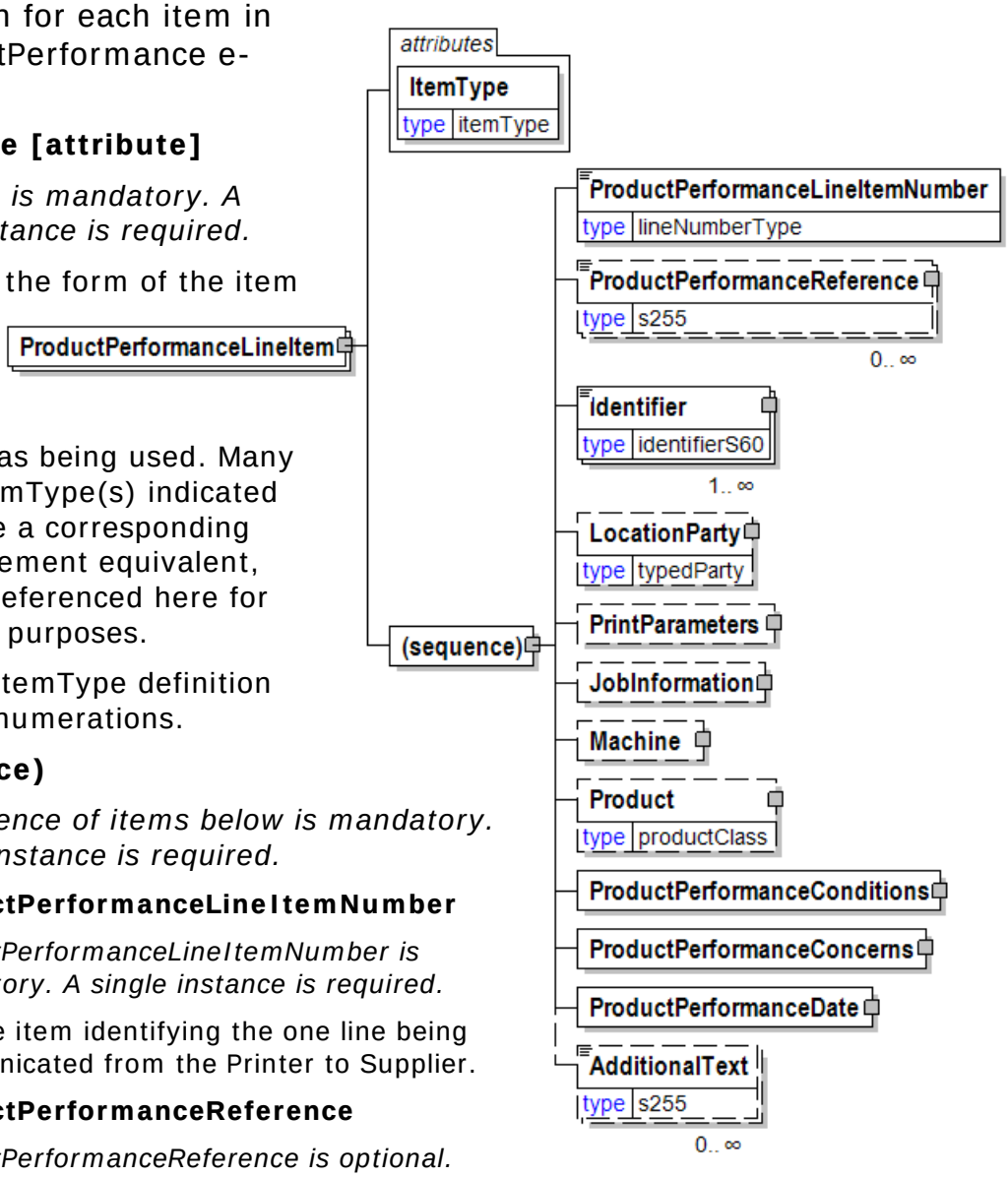
hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

ProductPerformanceLineItem

Information for each item in the ProductPerformance e-Document.



ItemType [attribute]

ItemType is mandatory. A single instance is required.

Indicates the form of the item being reported as being used. Many of the ItemType(s) indicated here have a corresponding named element equivalent, which is referenced here for definition purposes.

Refer to ItemType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ProductPerformanceLineItemNumber

ProductPerformanceLineItemNumber is mandatory. A single instance is required.

The line item identifying the one line being communicated from the Printer to Supplier.

ProductPerformanceReference

ProductPerformanceReference is optional. Multiple instances might exist.

Reference back to another e-Document.

Identifier

Identifier is mandatory. One instance is required, multiple instances might exist.

An Identifier is required for packages and items (pallets, reel packages, boxes, ream items, reel items, etc). The Identifier element contains the actual item identifier code. Identifier is repeatable so more than one identifier can be communicated. For example, the printed identifier on a label may be different from the barcode printed on the label.

LocationParty

LocationParty is optional. A single instance might exist.

The organization or business entity where the business event took place or will take place.

PrintParameters

PrintParameters is optional. A single instance might exist.

PrintParameters is optional. The set up parameters of how a print machine or print job is within this construct.

JobInformation

JobInformation is optional. A single instance might exist.

JobInformation is optional. This construct captures information specific to the entire job set up.

Machine

Machine is optional. A single instance might exist.

Machine is used to capture information specific to the particular machine used in the conversion or consumption process.

Product

Product is optional. A single instance might exist.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

ProductPerformanceConditions

ProductPerformanceConditions is mandatory. A single instance is required.

The ProductPerformanceConditions, while not absolutely necessary to determine whether there is a product concern is available.

ProductPerformanceConcerns

ProductPerformanceConcerns is mandatory. A single instance is required.

A grouping element used to hold information about the product performance concerns.

ProductPerformanceDate

ProductPerformanceDate is mandatory. A single instance is required.

The date the e-Document was issued.

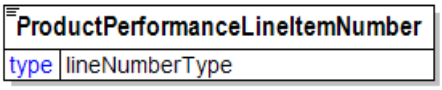
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

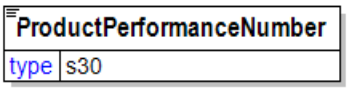
ProductPerformanceLineItemNumber

The line item identifying the one line being communicated from the Printer to Supplier.



ProductPerformanceNumber

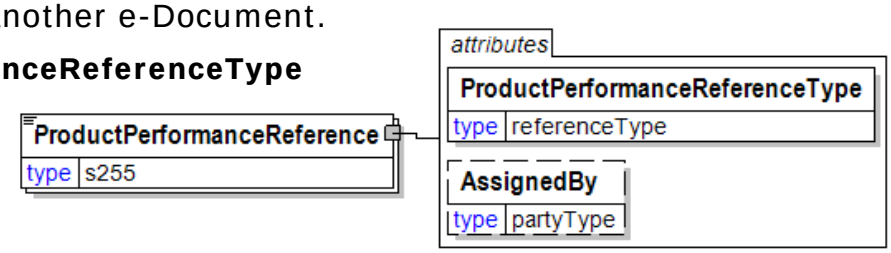
The report number used to identify the entire ProductPerformance.



ProductPerformanceReference

Reference back to another e-Document.

ProductPerformanceReferenceType [attribute]



ProductPerformanceReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to ProductPerformanceReferenceType definition for any enumerations.

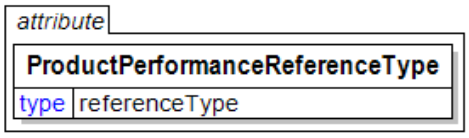
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

ProductPerformanceReferenceType [attribute]

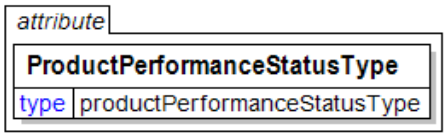


Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

ProductPerformanceStatusType [attribute]

ProductPerformanceStatusType



This item is restricted to the following list.

Original

The supplied information is the first version of that information.

Replaced

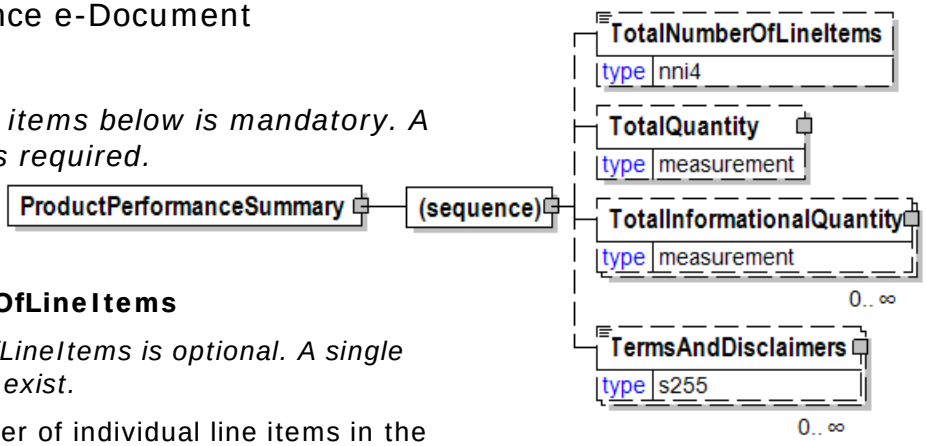
The supplied information is replacing earlier supplied information. The receiver should revalidate the information in their system based upon the entire information received.

ProductPerformanceSummary

Summary information for the items on the ProductPerformance e-Document

(sequence)

The sequence of items below is mandatory. A single instance is required.



TotalNumberOfLineItems

TotalNumberOfLineItems is optional. A single instance might exist.

The total number of individual line items in the document, regardless of the status or type.

TotalQuantity

TotalQuantity is optional. A single instance might exist.

The total quantity of similar items in the e-Document. TotalQuantity is primarily used in the summary section of documents where it is repeatable to permit totaling for different units of measure.

TotalInformationalQuantity

TotalInformationalQuantity is optional. Multiple instances might exist.

A quantity that is used to communicate related information about the parent element. This element represents a total that is derived from individual line items.

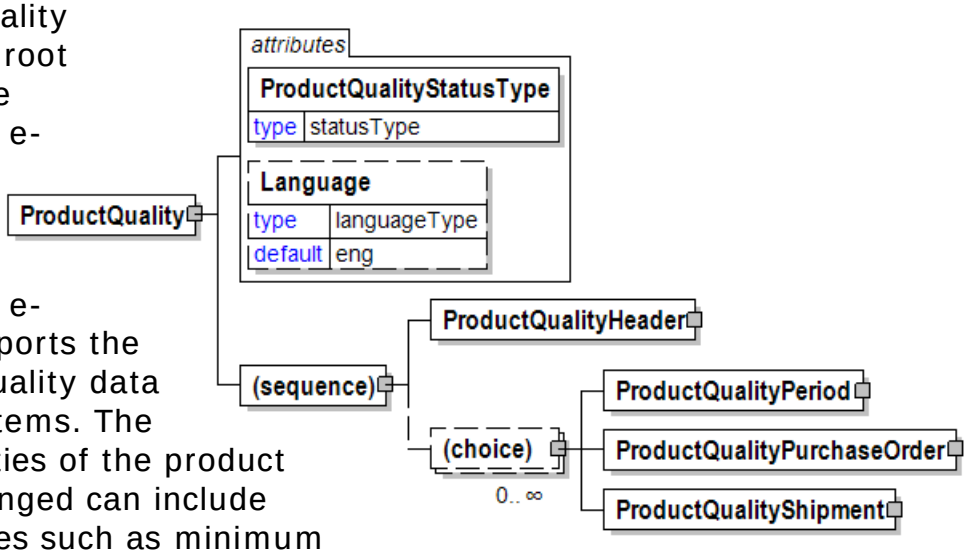
TermsAndDisclaimers

TermsAndDisclaimers is optional. Multiple instances might exist.

An element that contains legal information with an indication of what the Language is.

ProductQuality

The ProductQuality element is the root element for the ProductQuality e-Document.



The

ProductQuality e-Document supports the exchange of quality data for individual items. The agreed properties of the product that are exchanged can include statistical values such as minimum and maximum, standard deviation, sample size, two sigma (lower-limit, upper-limit).

ProductQualityStatusType [attribute]

ProductQualityStatusType is mandatory. A single instance is required.

Communicates the status of the ProductQuality e-Document

Refer to ProductQualityStatusType definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ProductQualityHeader

ProductQualityHeader is mandatory. A single instance is required.

Information the common to all items on the ProductQuality e-Document.

(choice)

[choice] is optional because of choice construct.

ProductQualityPeriod

ProductQualityPeriod is optional because of choice construct.

ProductQualityPeriod

ProductQualityPurchaseOrder

ProductQualityPurchaseOrder is optional because of choice construct.

Multiple instances of purchase order information is allowed to support a list of purchase orders manufactured during the indicated period. Alternatively, ProductQualityPeriod may be repeated with the same TimePeriod for each PurchaseOrder if the quality data is available at this level of detail.

ProductQualityShipment

ProductQualityShipment is optional because of choice construct.

Product quality information communicated by shipment.

ProductQualityHeader

Information the common to all items on the ProductQuality e-Document.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ProductQualityIssueDate

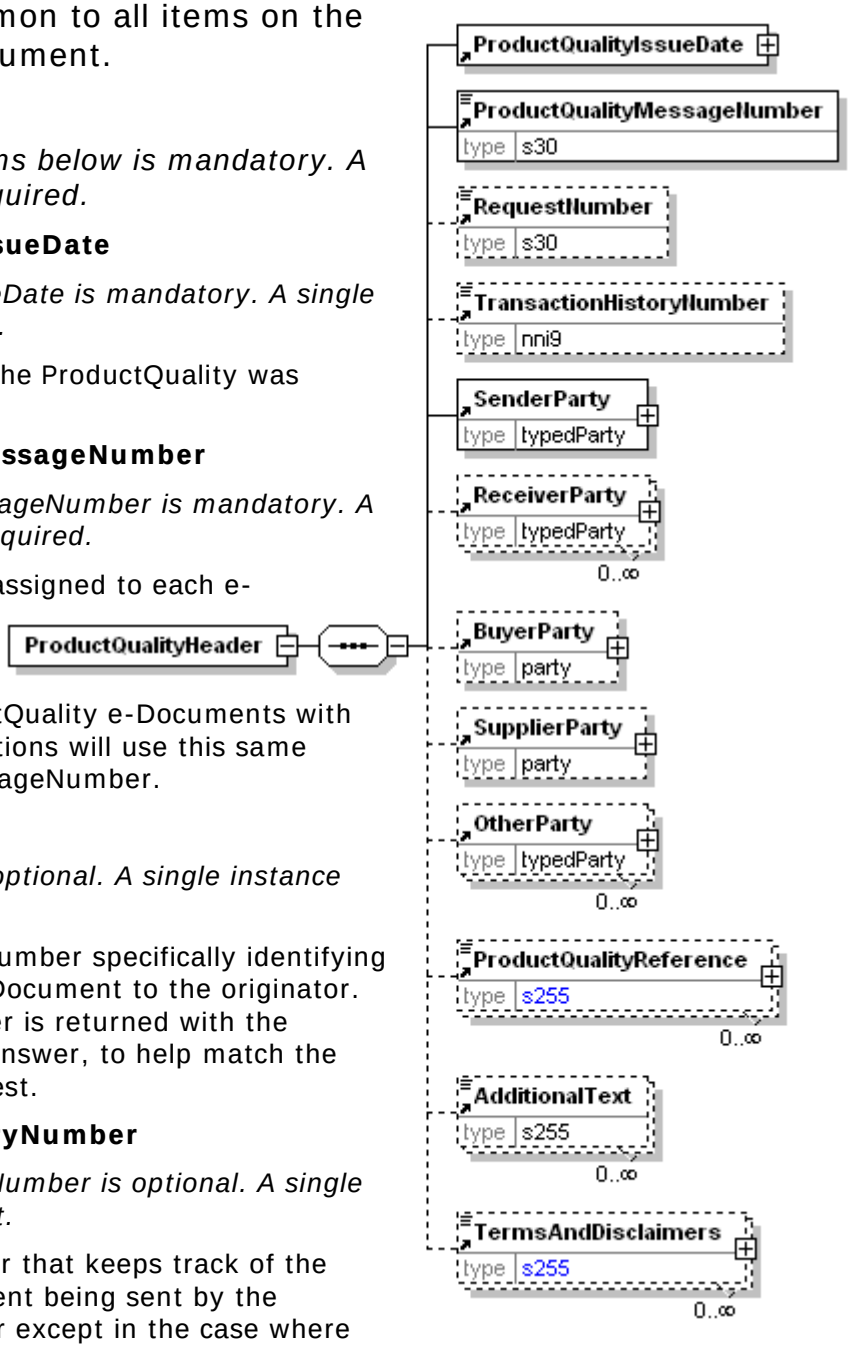
ProductQualityIssueDate is mandatory. A single instance is required.

The date and time the ProductQuality was issued.

ProductQualityMessageNumber

ProductQualityMessageNumber is mandatory. A single instance is required.

A unique identifier assigned to each e-Document for identification purposes. Subsequent ProductQuality e-Documents with updates or cancellations will use this same ProductQualityMessageNumber.



RequestNumber

RequestNumber is optional. A single instance might exist.

A unique tracking number specifically identifying the InfoRequest e-Document to the originator. The tracking number is returned with the “information”, the answer, to help match the answer to the request.

TransactionHistoryNumber

TransactionHistoryNumber is optional. A single instance might exist.

A sequential number that keeps track of the version of a document being sent by the document originator except in the case where TransactionHistoryConfirmation is used, in which case the TransactionHistoryNumber refers to the trigger transaction for which the confirmation is being sent.

SenderParty

SenderParty is mandatory. A single instance is required.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the

message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is optional. Multiple instances might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

BuyerParty

BuyerParty is optional. A single instance might exist.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

SupplierParty

SupplierParty is optional. A single instance might exist.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

ProductQualityReference

ProductQualityReference is optional. Multiple instances might exist.

An element detailing relevant references pertaining to the ProductQuality.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

TermsAndDisclaimers

TermsAndDisclaimers is optional. Multiple instances might exist.

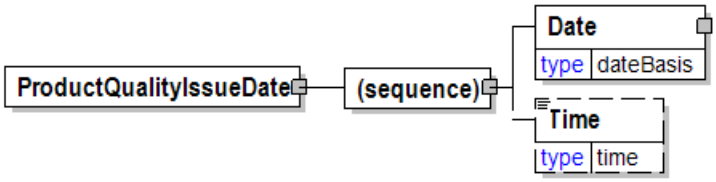
An element that contains legal information with an indication of what the Language is.

ProductQualityIssueDate

The date and time the ProductQuality was issued.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

ProductQualityMessageNumber

A unique identifier assigned to each e-Document for identification purposes. Subsequent ProductQuality e-Documents with updates or cancellations will use this same ProductQualityMessageNumber.



ProductQualityPeriod

ProductQualityPeriod

(sequence)

The sequence of items below is mandatory. A single instance is required.

TimePeriod

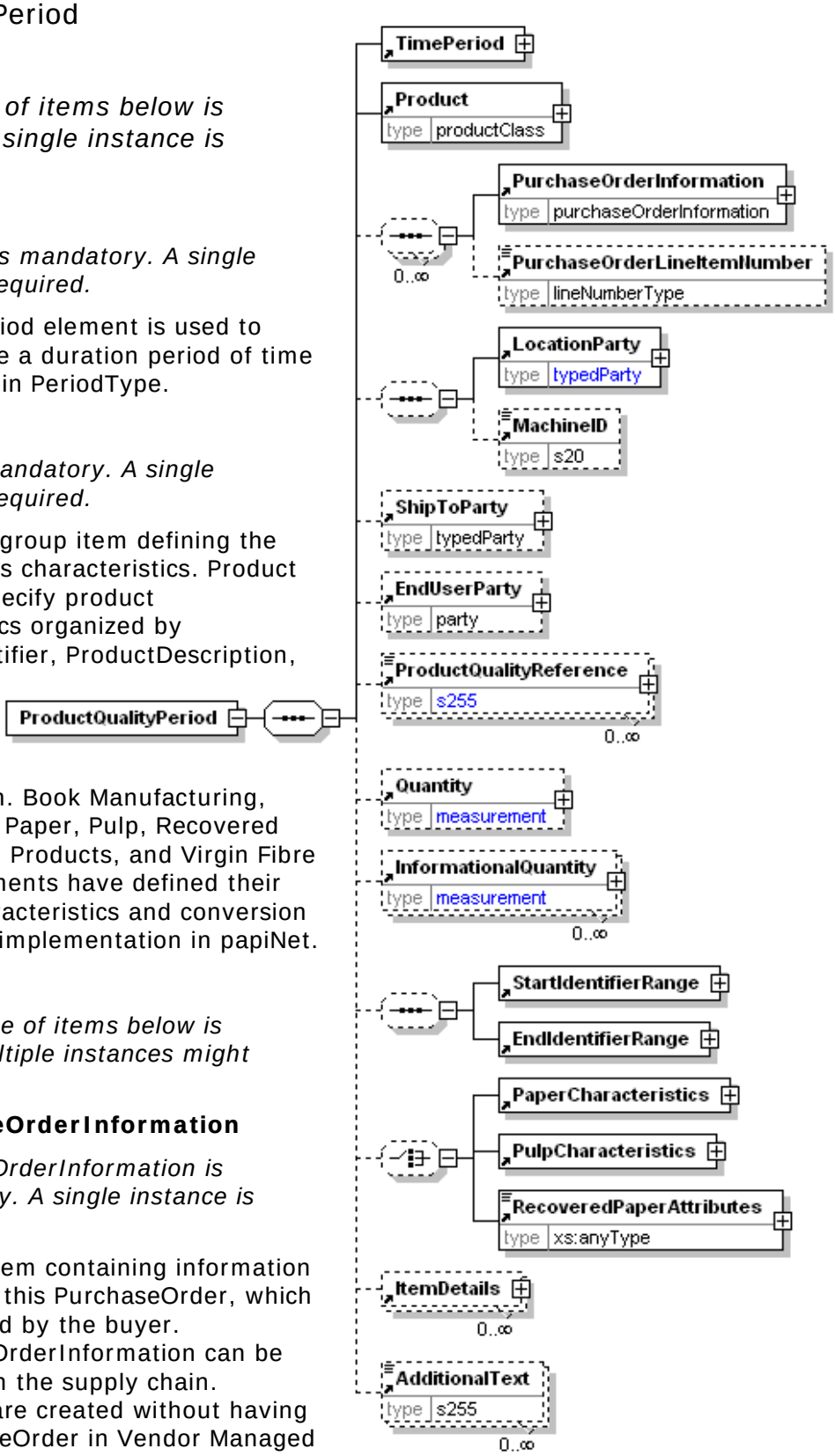
TimePeriod is mandatory. A single instance is required.

The TimePeriod element is used to communicate a duration period of time as indicated in PeriodType.

Product

Product is mandatory. A single instance is required.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and



Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

(sequence)

The sequence of items below is optional. Multiple instances might exist.

PurchaseOrderInformation

PurchaseOrderInformation is mandatory. A single instance is required.

A group item containing information unique to this PurchaseOrder, which is provided by the buyer. PurchaseOrderInformation can be optional in the supply chain. Invoices are created without having a PurchaseOrder in Vendor Managed Inventory. Freight invoices also will not have a PurchaseOrder number.

PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber is optional. A single instance might exist.

The sequential number that uniquely identifies the PurchaseOrder line item.

(sequence)

The sequence of items below is optional. A single instance might exist.

LocationParty

LocationParty is mandatory. A single instance is required.

The organization or business entity where the business event took place or will take place.

MachineID

MachineID is optional. A single instance might exist.

An identifier assigned to the particular machine being referenced. For example, a machine could be a paper machine, an off-line coater, a sheeter, or a printing press. The particular machine being referenced will be determined by the business event being supported.

ShipToParty

ShipToParty is optional. A single instance might exist.

The name and/or address to which the goods should be delivered with the party type indicated by the PartyType attribute.

EndUserParty

EndUserParty is optional. A single instance might exist.

The party using, consuming, or converting the product. For example, a printer using paper reels for a print job for a publisher. The final ShipTo destination for a product is normally to the end user's facilities.

ProductQualityReference

ProductQualityReference is optional. Multiple instances might exist.

An element detailing relevant references pertaining to the ProductQuality.

Quantity

Quantity is optional. A single instance might exist.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

(sequence)

The sequence of items below is optional. A single instance might exist.

StartIdentifierRange

StartIdentifierRange is mandatory. A single instance is required.

An element that identifies the starting item identifier in the range of items that contributed to the aggregated measurements for the range.

EndIdentifierRange

EndIdentifierRange is mandatory. A single instance is required.

A group element that identifies the ending item identifier in the range of items that contributed to the aggregated measurements for the range.

(choice)

[choice] is optional because of choice construct.

PaperCharacteristics

PaperCharacteristics is optional because of choice construct.

The identifying characteristics of paper most important to the ordering of the item. These are the characteristics that, when associated with a given grade, allow the manufacturer to produce but not convert or package, the paper.

PulpCharacteristics

PulpCharacteristics is optional because of choice construct.

The physical and chemical characteristics of the pulp product regardless of the form that it is taking.

RecoveredPaperAttributes

RecoveredPaperAttributes is optional because of choice construct.

The attributes of Recovered Paper.

ItemDetails

ItemDetails is optional. Multiple instances might exist.

A group element that identifies a specific item and measured attribute values for that item.

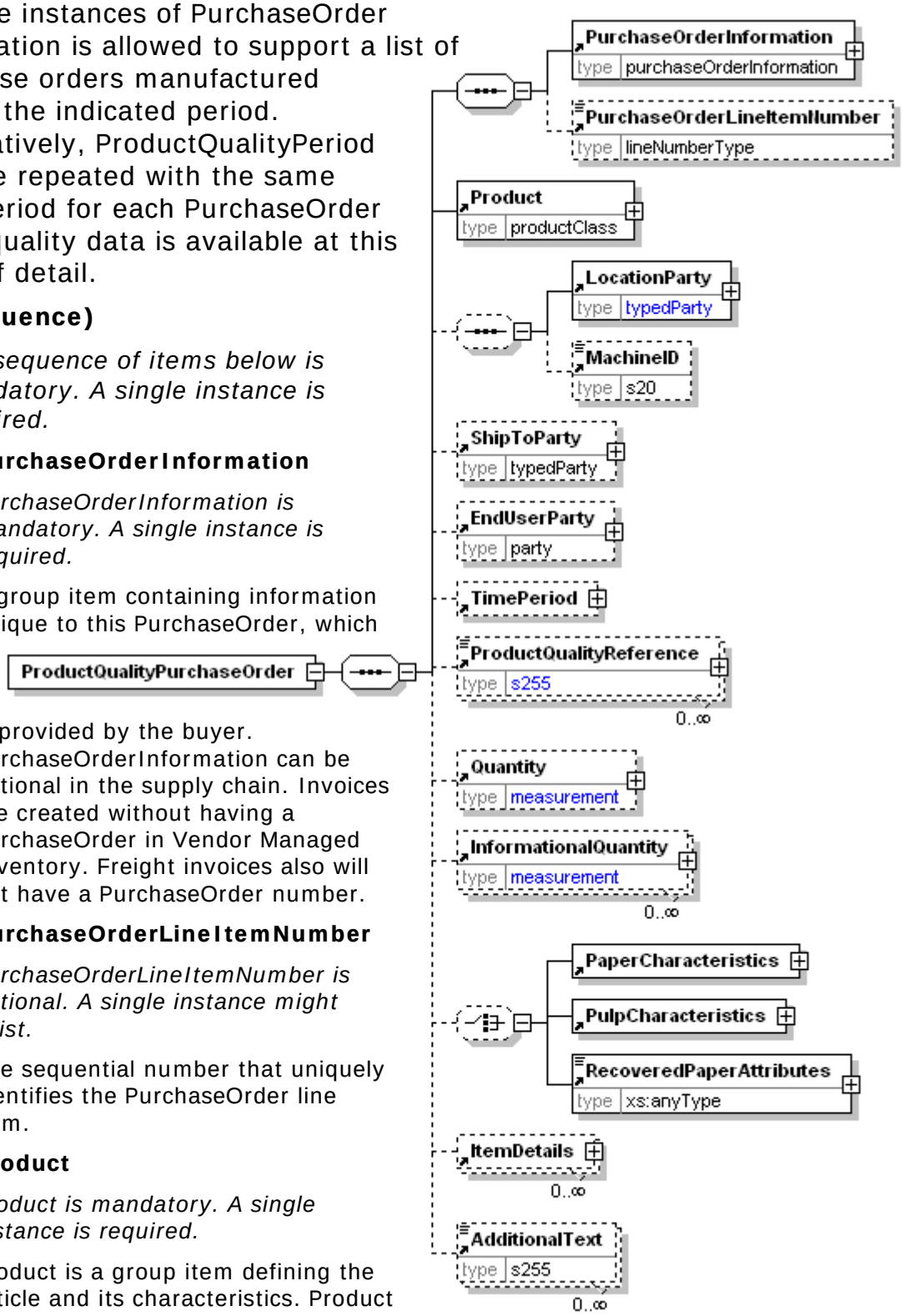
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

ProductQualityPurchaseOrder

Multiple instances of PurchaseOrder information is allowed to support a list of purchase orders manufactured during the indicated period. Alternatively, ProductQualityPeriod may be repeated with the same TimePeriod for each PurchaseOrder if the quality data is available at this level of detail.



(sequence)

The sequence of items below is mandatory. A single instance is required.

PurchaseOrderInformation

PurchaseOrderInformation is mandatory. A single instance is required.

A group item containing information unique to this PurchaseOrder, which is provided by the buyer. PurchaseOrderInformation can be optional in the supply chain. Invoices are created without having a PurchaseOrder in Vendor Managed Inventory. Freight invoices also will not have a PurchaseOrder number.

PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber is optional. A single instance might exist.

The sequential number that uniquely identifies the PurchaseOrder line item.

Product

Product is mandatory. A single instance is required.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

(sequence)

The sequence of items below is optional. A single instance might exist.

LocationParty

LocationParty is mandatory. A single instance is required.

The organization or business entity where the business event took place or will take place.

MachineID

MachineID is optional. A single instance might exist.

An identifier assigned to the particular machine being referenced. For example, a machine could be a paper machine, an off-line coater, a sheeter, or a printing press. The particular machine being referenced will be determined by the business event being supported.

ShipToParty

ShipToParty is optional. A single instance might exist.

The name and/or address to which the goods should be delivered with the party type indicated by the PartyType attribute.

EndUserParty

EndUserParty is optional. A single instance might exist.

The party using, consuming, or converting the product. For example, a printer using paper reels for a print job for a publisher. The final ShipTo destination for a product is normally to the end user's facilities.

TimePeriod

TimePeriod is optional. A single instance might exist.

The TimePeriod element is used to communicate a duration period of time as indicated in PeriodType.

ProductQualityReference

ProductQualityReference is optional. Multiple instances might exist.

An element detailing relevant references pertaining to the ProductQuality.

Quantity

Quantity is optional. A single instance might exist.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

(choice)

[choice] is optional because of choice construct.

PaperCharacteristics

PaperCharacteristics is optional because of choice construct.

The identifying characteristics of paper most important to the ordering of the item. These are the characteristics that, when associated with a given grade, allow the manufacturer to produce but not convert or package, the paper.

PulpCharacteristics

PulpCharacteristics is optional because of choice construct.

The physical and chemical characteristics of the pulp product regardless of the form that it is taking.

RecoveredPaperAttributes

RecoveredPaperAttributes is optional because of choice construct.

The attributes of Recovered Paper.

ItemDetails

ItemDetails is optional. Multiple instances might exist.

A group element that identifies a specific item and measured attribute values for that item.

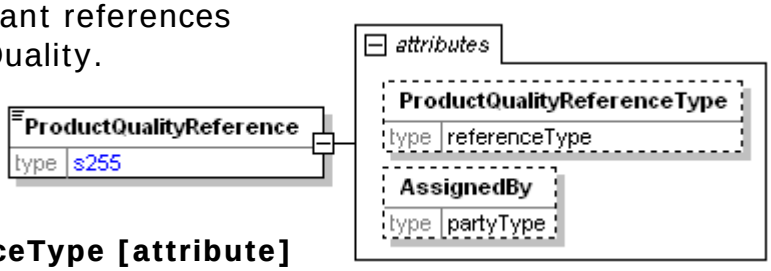
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

ProductQualityReference

An element detailing relevant references pertaining to the ProductQuality.



ProductQualityReferenceType [attribute]

ProductQualityReferenceType is optional. A single instance might exist.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to ProductQualityReferenceType definition for any enumerations.

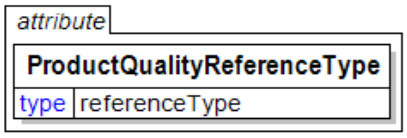
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy definition for any enumerations.

ProductQualityReferenceType [attribute]

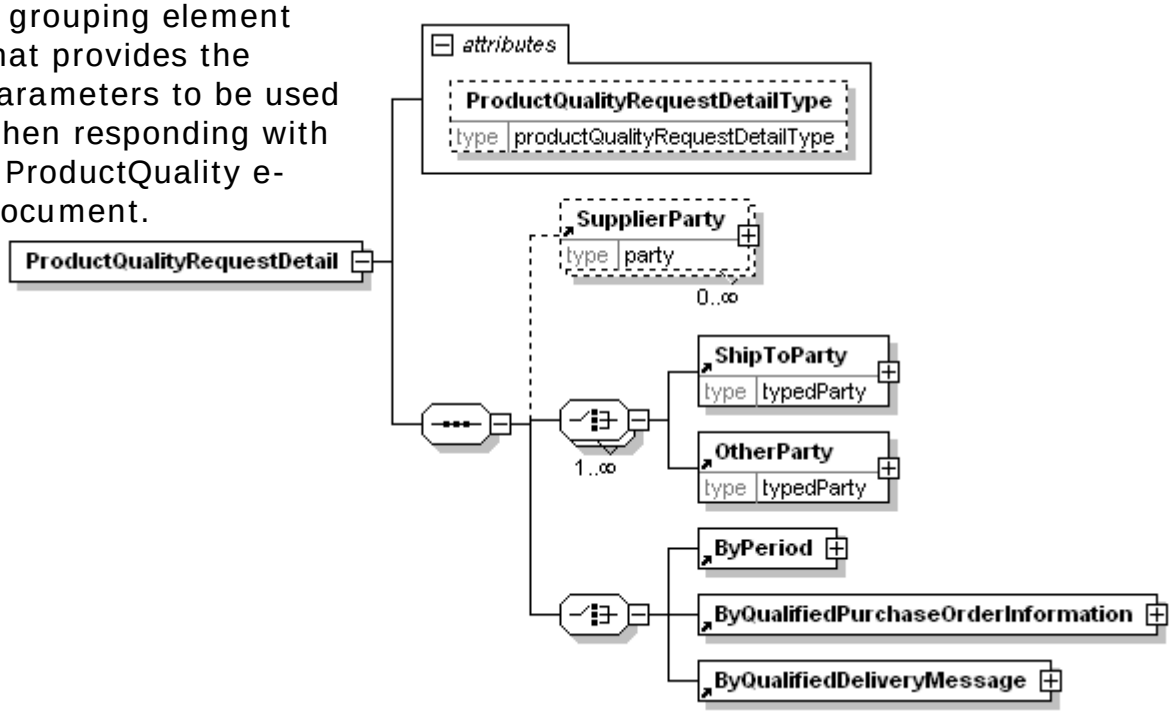


Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

ProductQualityRequestDetail

A grouping element that provides the parameters to be used when responding with a ProductQuality e-Document.



ProductQualityRequestDetailType [attribute]

ProductQualityRequestDetailType is optional. A single instance might exist.

Communicates the method in which the ProductQuality should be reported.

Refer to ProductQualityRequestDetailType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

SupplierParty

SupplierParty is optional. Multiple instances might exist.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty

= Seller.

(choice)

The choice is mandatory. One instance is required, multiple instances might exist.

ShipToParty

ShipToParty is mandatory. One instance is required.

The name and/or address to which the goods should be delivered with the party type indicated by the PartyType attribute.

OtherParty

OtherParty is mandatory. One instance is required.

An organisation or business entity other than those specifically detailed within a e-Document.

(choice)

The choice is mandatory. One instance is required.

ByPeriod

ByPeriod is mandatory. One instance is required.

The information is supplied by the specified period.

ByQualifiedPurchaseOrderInformation

ByQualifiedPurchaseOrderInformation is mandatory. One instance is required.

Specifies that the information is supplied by a PurchaseOrder. The use of the term “qualified” is to indicate that PurchaseOrderInformation is qualified by the use of PurchaseOrderLineItemNumber.

ByQualifiedDeliveryMessage

ByQualifiedDeliveryMessage is mandatory. One instance is required.

Specifies that the information is supplied by a DeliveryMessage. The use of the term “qualified” is to indicate that DeliveryMessageNumber is qualified by the use of DeliveryMessageLineItemNumber.

ProductQualityRequestDetailType [attribute]

Communicates the method in which the ProductQuality should be reported.

This item is restricted to the following list.

ByPeriod

The information is supplied by the specified period.

ByQualifiedPurchaseOrderInformation

The information is supplied by a PurchaseOrder that has additional items associated with it.

ByShipment

The information is supplied by a shipment, i.e. by a DeliveryMessage.

ProductQualityShipment

Product quality information communicated by shipment.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DeliveryMessageNumber

DeliveryMessageNumber is mandatory. A single instance is required.

A unique delivery identifier assigned to each DeliveryMessage as agreed between the trading partners.

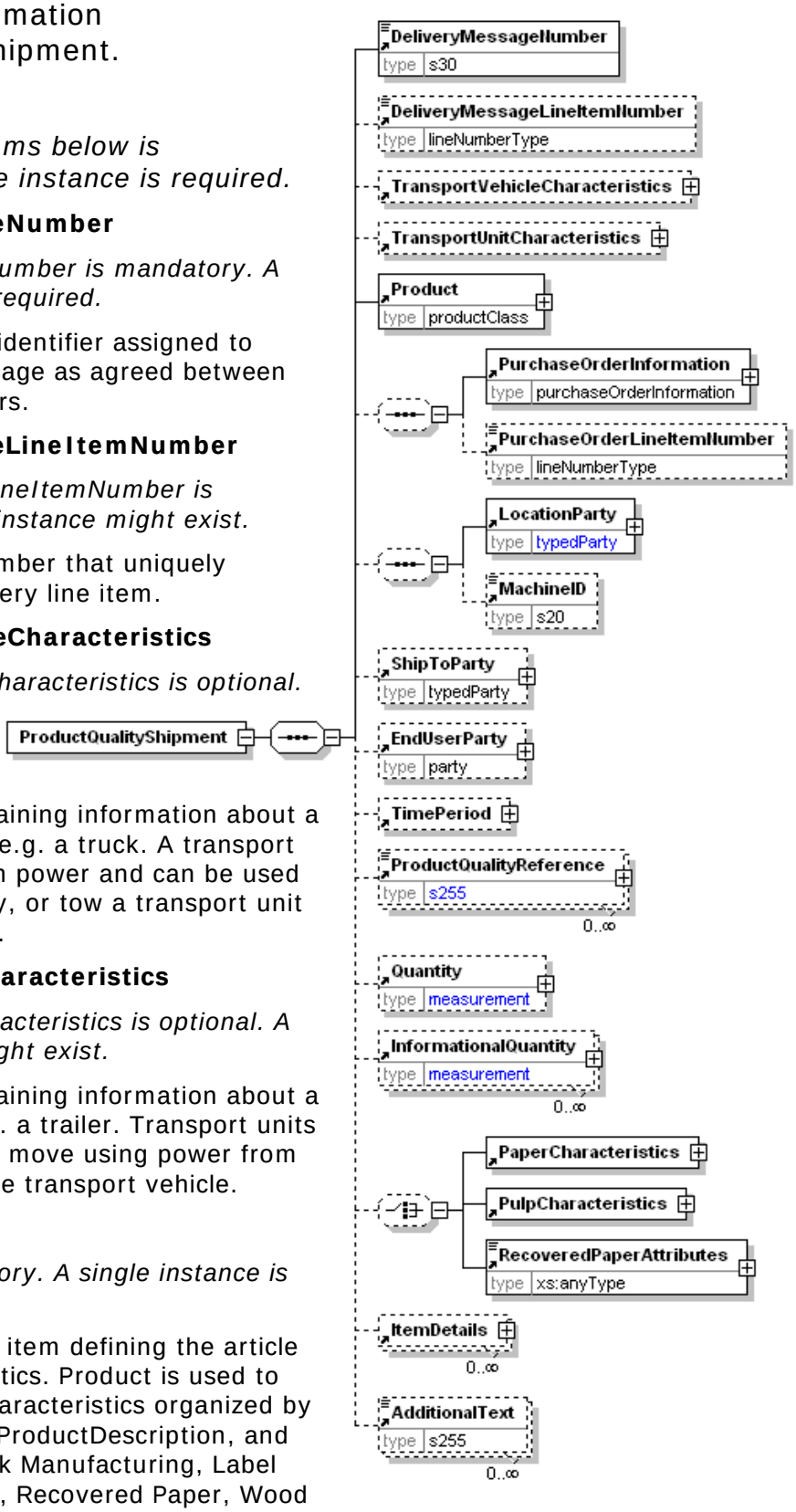
DeliveryMessageLineItemNumber

DeliveryMessageLineItemNumber is optional. A single instance might exist.

The sequential number that uniquely identifies the delivery line item.

TransportVehicleCharacteristics

TransportVehicleCharacteristics is optional. A single instance might exist.



A group item containing information about a transport vehicle, e.g. a truck. A transport vehicle has its own power and can be used to pull, push, carry, or tow a transport unit loaded with goods.

TransportUnitCharacteristics

TransportUnitCharacteristics is optional. A single instance might exist.

A group item containing information about a transport unit, e.g. a trailer. Transport units contain goods and move using power from another source, the transport vehicle.

Product

Product is mandatory. A single instance is required.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

(sequence)

The sequence of items below is optional. A single instance might exist.

PurchaseOrderInformation

PurchaseOrderInformation is mandatory. A single instance is required.

A group item containing information unique to this PurchaseOrder, which is provided by the buyer. PurchaseOrderInformation can be optional in the supply chain. Invoices are created without having a PurchaseOrder in Vendor Managed Inventory. Freight invoices also will not have a PurchaseOrder number.

PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber is optional. A single instance might exist.

The sequential number that uniquely identifies the PurchaseOrder line item.

(sequence)

The sequence of items below is optional. A single instance might exist.

LocationParty

LocationParty is mandatory. A single instance is required.

The organization or business entity where the business event took place or will take place.

MachineID

MachineID is optional. A single instance might exist.

An identifier assigned to the particular machine being referenced. For example, a machine could be a paper machine, an off-line coater, a sheeter, or a printing press. The particular machine being referenced will be determined by the business event being supported.

ShipToParty

ShipToParty is optional. A single instance might exist.

The name and/or address to which the goods should be delivered with the party type indicated by the PartyType attribute.

EndUserParty

EndUserParty is optional. A single instance might exist.

The party using, consuming, or converting the product. For example, a printer using paper reels for a print job for a publisher. The final ShipTo destination for a product is normally to the end user's facilities.

TimePeriod

TimePeriod is optional. A single instance might exist.

The TimePeriod element is used to communicate a duration period of time as indicated in PeriodType.

ProductQualityReference

ProductQualityReference is optional. Multiple instances might exist.

An element detailing relevant references pertaining to the ProductQuality.

Quantity

Quantity is optional. A single instance might exist.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at

this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

(choice)

[choice] is optional because of choice construct.

PaperCharacteristics

PaperCharacteristics is optional because of choice construct.

The identifying characteristics of paper most important to the ordering of the item. These are the characteristics that, when associated with a given grade, allow the manufacturer to produce but not convert or package, the paper.

PulpCharacteristics

PulpCharacteristics is optional because of choice construct.

The physical and chemical characteristics of the pulp product regardless of the form that it is taking.

RecoveredPaperAttributes

RecoveredPaperAttributes is optional because of choice construct.

The attributes of Recovered Paper.

ItemDetails

ItemDetails is optional. Multiple instances might exist.

A group element that identifies a specific item and measured attribute values for that item.

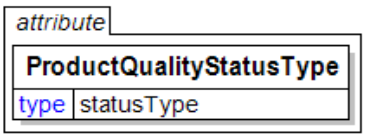
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

ProductQualityStatusType [attribute]

Communicates the status of the ProductQuality e-Document



This item is restricted to the following list.

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

Original

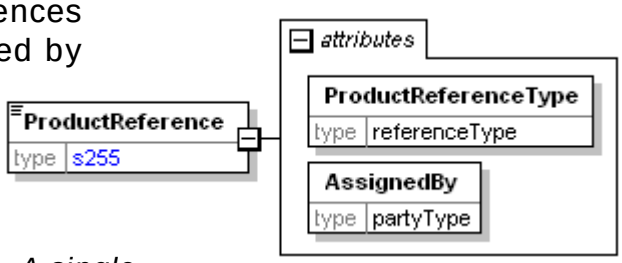
The supplied information is the first version of that information.

Replaced

The supplied information is replacing earlier supplied information. The receiver should revalidate the information in their system based upon the entire information received.

ProductReference

An element detailing relevant references pertaining to the Product as indicated by ProductReferenceType and AssignedBy.



ProductReferenceType [attribute]

ProductReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to ProductReferenceType definition for any enumerations.

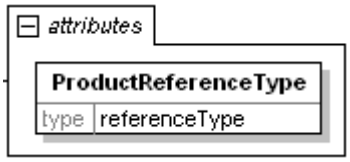
AssignedBy [attribute]

AssignedBy is mandatory. A single instance is required.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

ProductReferenceType [attribute]

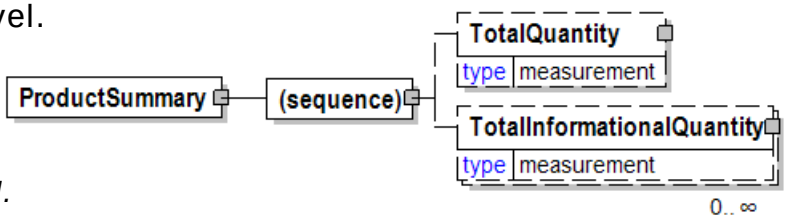


Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, Warehouse” or Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

ProductSummary

Group of elements to provide summary information on product level.



(sequence)

The sequence of items below is mandatory. A single instance is required.

TotalQuantity

TotalQuantity is optional. A single instance might exist.

The total quantity of similar items in the e-Document. TotalQuantity is primarily used in the summary section of documents where it is repeatable to permit totaling for different units of measure.

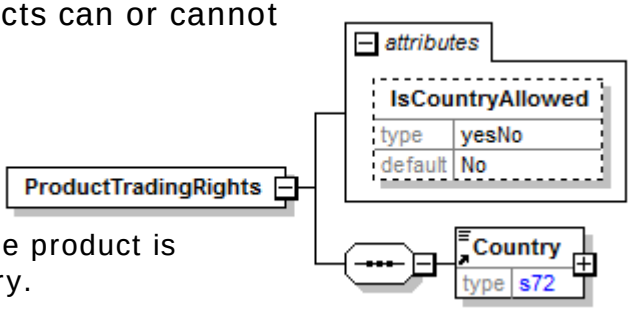
TotalInformationalQuantity

TotalInformationalQuantity is optional. Multiple instances might exist.

A quantity that is used to communicate related information about the parent element. This element represents a total that is derived from individual line items.

ProductTradingRights

Identifies a country to which products can or cannot be sold or distributed.



IsCountryAllowed [attribute]

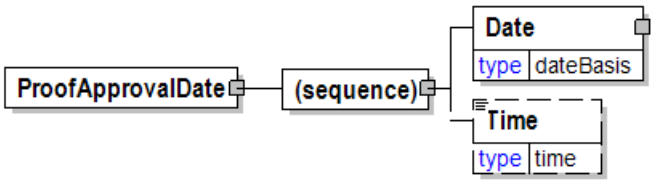
IsCountryAllowed is optional. A single instance might exist.

Indicates if sale or distribution of the product is allowed or not allowed in the country.

Refer to IsCountryAllowed definition for any enumerations.

ProofApprovalDate

Date field indicating when proofs will be approved.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use "Z" when communicating a time in their time zone to other users.

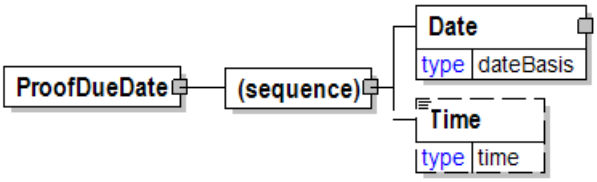
hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

ProofDueDate

Proof due date

(sequence)

The sequence of items below is mandatory. A single instance is required.



Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized "local" time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

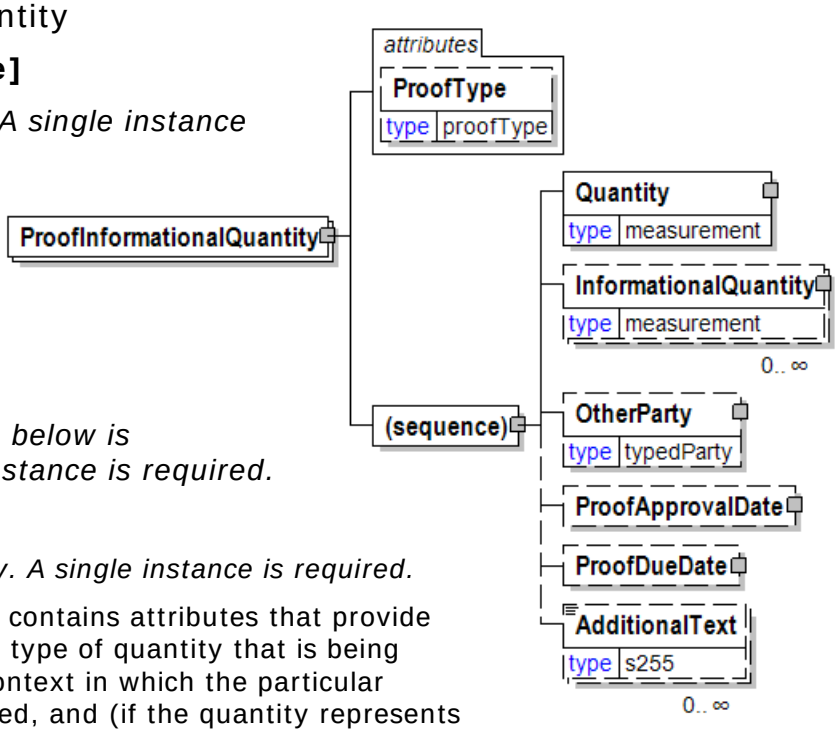
hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use "Z" when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

ProofInformationalQuantity

ProofInformationalQuantity



ProofType [attribute]

ProofType is optional. A single instance might exist.

Proof Type

Refer to ProofType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

OtherParty

OtherParty is optional. A single instance might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

ProofApprovalDate

ProofApprovalDate is optional. A single instance might exist.

Date field indicating when proofs will be approved.

ProofDueDate

ProofDueDate is optional. A single instance might exist.

Proof due date

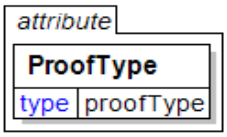
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

ProofType [attribute]

Type of trial impression of a page or printed work.



This item is restricted to the following list.

Blues

Usually inexpensive, photographic proof from negatives where all colors are shown in blue.

ColorKey

Overlay proof created from the film separations that places each ink color on a separate clear acetate sheet, then assembles them together over white paper.

Cromalin

A versatile toner based proofing system patented by Dupont that offers the broadest variety of process, Pantone®, fluorescent, pastel and metallic colors that work in a positive film environment.

CustomCromalin

A customized version of the Dupont toner based proofing system.

DigitalProofs

A digital proof is a color prepress proofing method where a job is printed from the digital file.

Dylux

A DuPont Dylux® instant image proofing system that produces dry, instant image blueline proofs without processing.

FilmProofs

Proofs made from the separate plates in color process work, showing the sequence of printing and the result after each additional color has been applied.

FoldedGathered

A folded, gathered assembly of prints.

InkDrawDown

When printing a PMS match color on a colored paper, an ink draw-down involves the substitution of opaque white in the ink formula, increasing covering qualities of the ink.

Iris

A large-format color printer from the Iris Graphics division of CreoScitex (www.creoscitex.com) that is used for digital proofing. Iris printers use a patented continuous ink jet technology to produce consistent, continuous-tone, photorealistic output on several varieties of paper, canvas, silk, linen and other low-fiber textiles. Iris prints are widely noted for their color accuracy and ability to match printing and proofing standards. They are also known for their low-cost consumables compared to other technologies.

MatchPrint

Trade name for 3M integral color proof.

PressProofs

Proof made on press using the plates, paper, and ink specified for the order.

ReferenceCDCassette

To be deprecated in a future version.

Samples

Finished product to be used for sample only and not to be sold.

SoftProof

A proof that is viewed on a computer monitor.

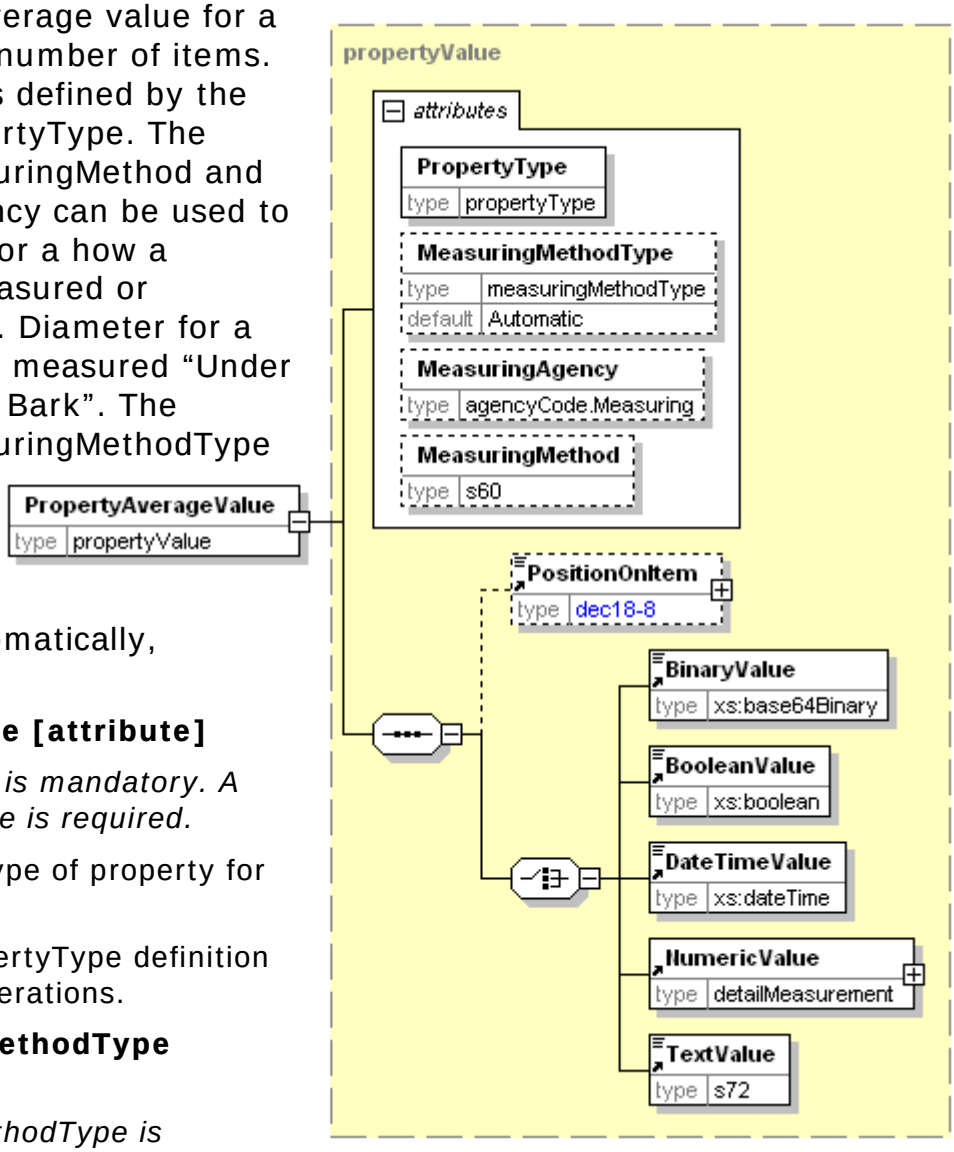
T-Print

To be deprecated in a future version.

Other

PropertyAverageValue

Specifies an average value for a property for a number of items. The property is defined by the attribute PropertyType. The attribute MeasuringMethod and MeasuringAgency can be used to clarify details for a how a property is measured or calculated, e.g. Diameter for a saw log can be measured “Under Bark” or “Over Bark”. The attribute MeasuringMethodType defines how the value is created, e.g. measured automatically, calculated etc.



PropertyType [attribute]

PropertyType is mandatory. A single instance is required.

Defines the type of property for an item.

Refer to PropertyType definition for any enumerations.

MeasuringMethodType [attribute]

MeasuringMethodType is optional. A single instance might exist.

Specifies how a measurement value is created.

Refer to MeasuringMethodType definition for any enumerations.

MeasuringAgency [attribute]

MeasuringAgency is optional. A single instance might exist.

The agency defining measuring methods.

Refer to MeasuringAgency definition for any enumerations.

MeasuringMethod [attribute]

MeasuringMethod is optional. A single instance might exist.

The method used to determine how the item under consideration is measured. Measuring methods are defined by the measuring agency.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PositionOnItem

PositionOnItem is optional. A single instance might exist.

Specifies a position on an item. The attribute PositionMeasuredFrom defines the reference point for the position

(choice)

Choice is mandatory. A single instance is required.

BinaryValue

BinaryValue is optional because of choice construct.

A value in base-64-encoded binary format.

BooleanValue

BooleanValue is optional because of choice construct.

A value in boolean format.

DateTimeValue

DateTimeValue is optional because of choice construct.

A Date and Time value in the standard W3C xs:dateTime format.

NumericValue

NumericValue is optional because of choice construct.

A grouping element for a numeric value and its statistical measures.

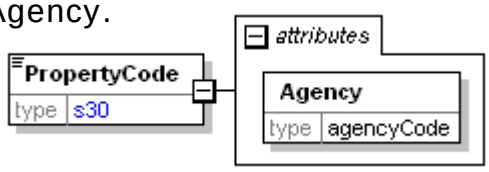
TextValue

TextValue is optional because of choice construct.

A value in text format.

PropertyCode

A code defining a property specified by an Agency.



Agency [attribute]

Agency is mandatory. A single instance is

required.

Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

PropertyDescription

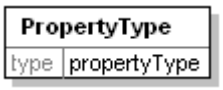
An element used to communicate a human readable description of the property.



PropertyType [attribute]

Defines the type of property for an item.

This item is restricted to the following list.



AcidValue

Acid value (or "neutralization number" or "acid number" or "acidity") is the mass of potassium hydroxide (KOH) in milligrams that is required to neutralize one gram of chemical substance.

The acid value is used to quantify the amount of acid present, for example in a sample of biodiesel. Acid value is a measure of mineral acids and free fatty acids contained in a fuel sample. . High fuel acidity is linked with corrosion and engine deposits. A Numeric value.

AlkaliMetals(Na+K)

Content of sodium (Na) and potassium (K). A Numeric value.

AnnualRings

Growth ring corresponding to an annual period of growth. A growth ring is a layer of wood produced in one growing season. A Numeric value.

Area

Area of an item. A Numeric value

Aromaticity

Aromaticity is a chemical property describing the way in which a conjugated ring of unsaturated bonds, lone pairs, or empty orbitals exhibits stabilization stronger than would be expected by the stabilization of conjugation alone. A Numeric value.

AshContent

Noncombustible impurities left after the burning of a material. A Numeric Value.

BarkClassCode

Classification of bark. A Text value.

BarkContent

The amount of bark content in an item. Often reported as a percentage. A Numeric value.

BarkPocket

Bark that is partly or wholly enclosed in wood. A Boolean value.

BarkThickness

The double bark thickness of an item, e.g. bark thickness of a log measured across the diameter of the log on two sides. A Numeric value.

BenzeneContent

Content of benzene. Benzene is a natural constituent of crude oil, and is one of the most basic petrochemicals. Benzene is an aromatic hydrocarbon. A Numeric value.

BlackStreak

Dark zone in some species of hardwood along a growth ring. A Boolean value.

BlueDeep

Blue stain that cannot be removed by surface planning. A Boolean value and/or a Numeric value.

BlueStain

Stain, caused by fungi, where the discoloration ranges from pale blue to black. A Boolean value and/or a Numeric value.

BoilingPoint

The boiling point of a substance is the temperature at which the vapour pressure of the liquid equals the pressure surrounding the liquid and the liquid changes into a vapour. A Numeric value.

BoreHole

Hole or tunnel in timber caused by insects. A Boolean value.

BowDefectLength

The length of an item that can’t be used because of a bow on the item. A Numeric value.

BowDiameterReduction

Reduction of the small end diameter of an item because a bow is effecting the usability of the item. A Numeric value.

BowHeight

Bow height of an item. E.g. Maximum distance between cross sectional centre of a log and a straight line between centres of each log end. A Numeric value.

BowLengthReduction

Reduction of the length of an item because a bow is effecting the usability of the item. A Numeric value.

Burl

Protrusion around a group of epicormic shoots, dormant buds and possibly twigs. A Boolean value and/or a Numeric value.

Buttress

Projecting rib at the lower end of the stem. A Boolean value and/or a Numeric value.

CalorificIntensity

The temperature of a fuel attained by its combustion. A Numeric value.

Canker

Cavity or protrusion on the surface of round timber, caused in the living tree by a fungus or a micro fungus. A Boolean value.

CarbonResidueRemnant

Carbon residue remnant (at 10% distillation remnant). A Numeric value.

CetaneIndex

Cetane index is used as a substitute for the cetane number of diesel fuel. The cetane index is calculated based on the fuel's density and distillation range. A Numeric value.

CetaneNumber

Cetane number or CN is a measurement of the combustion quality of diesel fuel during compression ignition. It is a significant expression of the quality of a diesel fuel.

Cetane number or CN is a measure of a fuel's ignition delay; the time period between the start of injection and the first identifiable pressure increase during combustion of the fuel. In a particular diesel engine, higher cetane fuels will have shorter ignition delay periods than lower cetane fuels. Cetane numbers are only used for the relatively light distillate diesel oils. For heavy (residual) fuel oil two other scales are used CCAI and CII. In short, the higher the Cetane number the more easily the fuel will combust in a compression setting (such as a diesel engine). A Numeric value.

ColdFilterPluggingPoint

Defines a temperature at which a fuel is no longer filterable within a specified time limit. A Numeric value.

CopperBandCorrosion

This is defined as the likelihood to cause corrosion to copper, zinc and bronze parts of an engine. A polished metallic strip is heated at 50°C for 3 hours, washed and compared to standards. Corrosion is likely to be caused by free acids or sulfur compounds. A Text value

CrackFrost

Radial fissure cause by frost action on the standing tree that extends from the sapwood towards the pith and for a distance longitudinally. A Boolean value.

DateMeasuring

The date and time when measuring of an item was performed. A DateTime value.

DateProduction

Date and time when an item was produced. A DateTime value.

Density

The density of a material is its mass per unit volume. A Numeric value.

Diameter

Diameter of an item. A Numeric value.

DiameterClassCode

The category class for the diameter of an item. A Text value.

DiameterLargeEnd

Diameter at largest end of a item, often referred to as butt diameter. A Numeric value.

DiameterMid

Diameter at mid point of an item. A Numeric value.

DiameterMidHorizontal

Diameter at mid point on the item and measured on the horizontal. A Numeric value.

DiameterMidVertical

Diameter at mid point on the item and measured on the vertical. A Numeric value.

DiameterReduction

Diameter reduction of an item, value to reduce from the items actual diameter. A Numeric value.

DiameterSmallEnd

Diameter at smallest end of an item, often referred to as top diameter. A Numeric value.

DiGlycerideContent

Content of diglyceride. A Numeric value.

Dote

Early stage of rot, characterized by discoloured streaks or patches in the wood, where the general texture and strength properties remain more or less unchanged. A Boolean value.

Dryness

Amount of dry solids content. Expressed as percentage. A Numeric value.

EccentricPith

Pith that is at a significant distance from the geometric centre of the cross section of round timber. A Numeric value.

EsterContent

Ester content. A Numeric value.

Evaporation

Evaporation is a type of vaporization of a liquid that occurs only on the surface

of a liquid measured at certain temperature. A Numeric value.

ExistentGumContent

Content of existent gum, also called washed gum. A Numeric value.

FilterAbility

The filterability characteristic of a fluid can be defined as its ability to pass through a filter without giving rise to undue pressure drop. A Numeric value.

FlashPoint

The flash point of a volatile material is the lowest temperature at which it can vaporize to form an ignitable mixture in air. Measuring a flash point requires an ignition source. At the flash point, the vapour may cease to burn when the source of ignition is removed. A Numeric value.

Fluting

Longitudinal narrow depressions and / or ridges on the surface of round timber. A Boolean value.

ForeignBody

Foreign object in the log. A Boolean value.

ForestRot

The amount of an items content of rot originating from growing trees. A Numeric value.

FreeGlycerineContent

Content of free glycerine. A Numeric value.

FreshDensity

Density of fresh wood. Calculated as fresh weight divided by fresh volume. Density is usually needed for calculations of wood quantity. A Numeric value.

GroupIMetals

Content of Sodium and Potassium in a product, normally expressed in parts per million (ppm). A Numeric value.

GroupIIMetals

Contentof Calcium and Magnesium in a product normally expressed in parts per million (ppm). A Numeric value.

HeartDotyRed

Unsound red heart of beech which appears at the ends of round wood in a star-like form. A Boolean value.

HeartRed

Red of brown stain affecting the central portion of beech wood sharply defined. A Boolean value.

HeatingEnergy

Heating energy of a raw material per mass unit. A Numeric value.

Height

Height of an item. A Numeric value.

HydrogenBounded

Chemical bounded hydrogen in a material. A Numeric Value.

IodineValue

The iodine value (or "iodine adsorption value" or "iodine number" or "iodine index") in chemistry is the mass of iodine in grams that is consumed by 100 grams of a chemical substance. Iodine values are often used to determine the amount of unsaturation in fatty acids.

Iodine value is a measure of total unsaturation (double bonds) within the Fatty Acid Methyl Esters (FAME) product. It is expressed as the grams Iodine required to react with 100g of FAME sample. High Iodine value is related to polymerization of fuels, leading to injector fouling. It is also linked to poor storage stability. A Numeric value.

IsRandomlySelected

The item is randomly selected. A Boolean value.

KnotCluster

Knots grouped together as a unit with the fibers of the wood deflected around the entire unit. A Boolean value and/or a Numeric value.

KnotCovered

Knot that is not visible on the curved surface of round timber. A Boolean value and/or a Numeric value.

KnotDead

A knot whose fibers are not intergrown with those of the surrounding wood. A Boolean value and/or a Numeric value.

KnotEncased

A knot more or less surrounded by bark within the surrounding wood. A Boolean value and/or a Numeric value.

KnotSound

Knot showing no indication of rot. A Boolean value and/or a Numeric value.

KnotSpike

Acutely angled branches. A normal branch which has formed on a steep angle in terms of the stem. A Boolean value and/or a Numeric value.

KnotUnsound

Knot affected by rot. A Boolean value and/or a Numeric value.

LeadContent

Content of lead. A Numeric value.

Length

Length of an item. A Numeric value.

LengthClassCode

The category class for the length of an item. A Text value.

LengthExcess

An extra length margin of a product. For example the difference between the measured length and the classified length. A Numeric value.

LengthReduction

Length reduction of an item, value to reduce from the items actual length. A Numeric value.

LoggingDamage

Defines damages on a Forest Wood product caused by logging. These damages normally cause an adjustment of the product price. A Text value.

Lubricity

Lubricity is the measure of the reduction in friction of a lubricant. A Numeric value.

MeltingPoint

The melting point of a solid is the temperature at which it changes state from solid to liquid. A Numeric value.

MethanolContent

Content of methanol. A Numeric value.

Moisture

Moisture content in a material. Moisture content is the percentage of water weight contained in material relative to the total weight. A Numeric value.

MoistureAnalyseDry

Moisture content in biomass measured at dry basis. Moisture content is the percentage of water weight contained in biomass relative to the total weight of the dry biomass (Mad = Moisture, analyse dry, air dry). Mad is usually used by sawmilling sector. Measuring method of moisture content is standardized by ISO 18134. A Numeric value.

MoistureAsReceived

Moisture content in biomass measured at wet basis. Moisture content is the percentage of water weight contained in biomass relative to the total weight of the wet biomass (Mar = Moisture, as received). Mar is usually used by forestry and energy sector. Measuring method of moisture content is standardized by ISO 18134. A Numeric value.

MolecularValue

The numerical value of the molecular mass expressed in unified atomic mass units. A Numeric value.

MonoGlycerideContent

Content of monoglyceride. A Numeric value.

MultiTreeBunch

A number identifying which trees have been felled together. All stems and logs felled and processed together in a forest harvester are given the same number. Measurement accuracy is lower in case of multi tree harvesting compared to normal harvesting. A Numeric value.

NitrogenContent

Content of nitrogen. A Numeric value.

OctaneNumber

Octane rating or octane number is a standard measure of the performance of a motor or aviation fuel. The higher the octane number, the more compression the fuel can withstand before detonating. In broad terms, fuels with a higher octane rating are used in high-compression engines that generally have higher performance. A Numeric value.

OlefinsContent

Content of olefins. Olefins are a type of hydrocarbon. A Numeric value.

Ovality

Cross section of round timber where there is a significant difference between the larger and smaller diameters. A Numeric value.

OxidationStability

The resistance of a petroleum product to oxidation and, therefore, a measure of its potential service or storage life.

The Oxidative stability specification is defined as a minimum Rancimat induction period of six hours. Essentially a fuel is heated at 110°C in a constant air stream and the formation of volatile organic acids is detected. This property relates to the overall storage stability of the fuel and the higher the degree of unsaturation (double bonds) within the Fatty Acid Methyl Esters (FAME) molecules gives a decrease in oxidative stability. This can be improved with the addition of antioxidant additives. A Numeric value.

OxygenatesContent

Content of oxygenates. Oxygenated chemical compounds contain oxygen as a part of their chemical structure. The term usually refers to oxygenated fuels. Oxygenates are usually employed as petrol additives to reduce carbon monoxide that is created during the burning of the fuel. A Numeric value.

OxygenContent

Content of oxygen. A Numeric value.

PhosphorusContent

Content of phosphorus. A Numeric value.

PinHole

Small hole or tunnel in timber caused by insects. A Boolean value.

Polyaromatics

An aromatic hydrocarbon or arene (or sometimes aryl hydrocarbon) is a hydrocarbon with alternating double and single bonds between carbon atoms forming rings. A Numeric value.

PopulationGrossCorrectionFactor1

A correction factor used for correction of gross quantities during phase 1 of corrections based on measuring statistics for a population of products.

PopulationGrossCorrectionFactor2

A correction factor used for correction of gross quantities during phase 2 of corrections based on measuring statistics for a population of products.

PopulationNetCorrectionFactor1

A correction factor used for correction of net quantities during phase 1 of corrections based on measuring statistics for a population of products.

PopulationNetCorrectionFactor2

A correction factor used for correction of net quantities during phase 2 of corrections based on measuring statistics for a population of products.

PourPoint

The pour point of a liquid is the lowest temperature at which it becomes semi solid and loses its flow characteristics. A Numeric value.

QualityClassCode

The category class for the quality of an item. A Text value.

ReactionWood

Wood with distinctive anatomical characters, formed typically in parts of leaning or crooked stems and in branches when the tree tends to restore the original position, if this has been disturbed.
Note: In hardwoods, it is known as tension wood and in softwoods as compression wood.
A Boolean value and/or a Numeric value.

ReidVapourPressure

Reid vapour pressure (RVP) is a common measure of the volatility of petrol. It is defined as the absolute vapour pressure exerted by a liquid at 100 °F (37.8 °C) as determined by the test method ASTM-D-323. A Numeric value.

ResinPocket

Lens-shaped cavity in timber containing, or that has contained resin. A Boolean value.

Rot

Decomposition of wood by fungi or other micro-organisms resulting in softening, progressive loss of mass and strength, and often a change of texture and colour. A Boolean value and/or a Numeric value.

RotSoft

Rot caused by micro fungi that attack cellulose and hemicellulose and considerably reduce the strength properties of timber. A Boolean value.

SapwoodRot

Rot confined to sapwood. A Boolean value.

Scar

Surface wound that has been wholly or partly enclosed by the growth of a tree. A Boolean value and/or a Numeric value.

ScarCovered

An occluded scar where the damage consists of bark and is indicated in the bark by a sign on the mantle surface. A Boolean value and/or a Numeric value.

ShakeFelling

Fissure caused by felling, appearing at the butt end of round timber and

extending in the longitudinal direction. A Boolean value.

ShakeHeart

Radial end shake originating at the pith. A Boolean value and/or a Numeric value.

SolidWoodPercentage

SolidWoodVolume expressed as a percentage of the measured volume of an item, e.g. a logpile. A Numeric value.

SpiralGrain

Grain that follows a spiral course around the pith. A Numeric value.

StainBrown

Attack, originating in the standing tree, appearing as a black mark on the smooth parts of the bark. A Boolean value.

StorageRot

The amount of an items content of rot caused by storage. A Numeric value.

SulfatedAshContent

Sulfated ash content. A Numeric value.

SulfurContent

The amount of sulphur. A Numeric value.

SurfaceWithoutBark

Surface of an item not covered by bark. Normally measured as percentage of the total surface area of the item. A Numeric value.

Sweep

Deviation of the longitudinal axis of round timber from a straight line. A Numeric value.

SweepMultiple

Sweep characterized by two or more bends in one or several planes. A Numeric value.

SweepSimple

Sweep characterized by one bend only. A Numeric value.

Taper

Taper of an item, the difference in diameter over a length interval. A Numeric value.

TarRemnant

Tar remnant (at 10% distillation remnant). A Numeric value.

TopRupture

Grain deviation caused by damage to the top of a growing tree. A Boolean value.

TotalGlycerineContent

Content of total glycerine. Total glycerine is the sum of the bound and free

glycerine. A Numeric value.

TreeAge

The age of a tree. A Numeric value.

TreeDiameterBreastHeight

Diameter at breast height (1.3 m from ground) of a tree. A Numeric value.

TreeHeight

Height of a tree from ground to the top of the tree. A Numeric value.

TreeLogOrder

Log number based on order of logs from the stump and to the small end of the tree. A Numeric value.

TreeSpeciesGroupCode

A code defining tree species or groups of tree species. A Text value.

TriGlycerideContent

Content of triglyceride. A Numeric value.

TurbidityPoint

The temperature at which a clear liquid petroleum product becomes hazy or cloudy due to the appearance of wax crystals when the test is conducted under standardised conditions. A Numeric value.

VaporizationHeat

Vaporization heat is the energy required to transform a given quantity of a substance into a gas. A Numeric Value.

Viscosity

Viscosity is a measure of the resistance of a fluid which is being deformed by either shear stress or tensile stress. The SI physical unit of dynamic viscosity is the pascal-second (Pa•s). A Numeric value.

WaterContent

Water content is the quantity of water contained in a material. Water content is used in a wide range of scientific and technical areas, and is expressed as a ratio, which can range from 0 (completely dry) to the value of the materials' porosity at saturation. It can be given on a volumetric or mass (gravimetric) basis. A ratio is expressed in a unit of measure, e.g. Milligram/Kilogram. A Numeric value.

Width

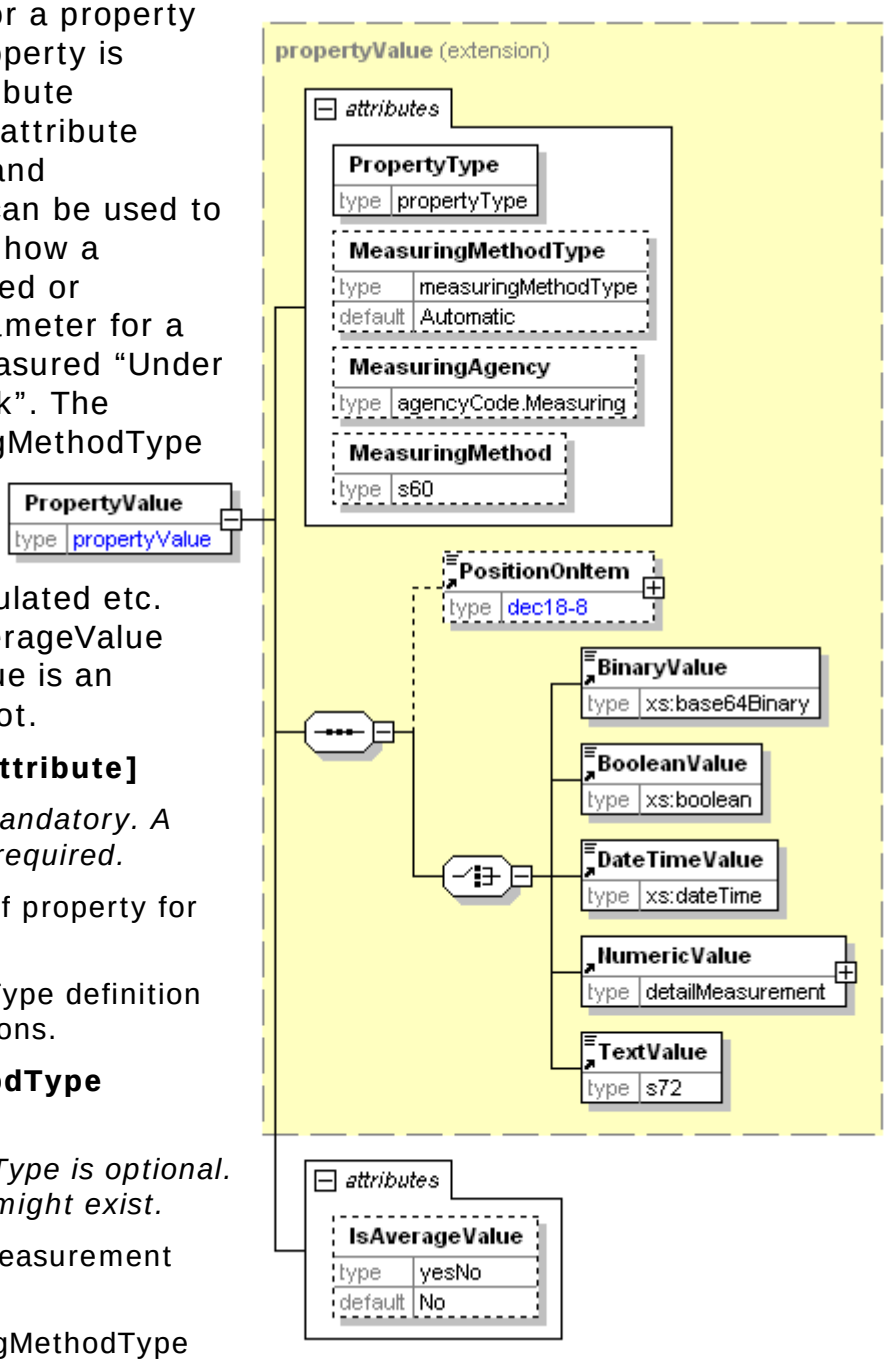
Width of an item. A Numeric value.

WoodPercentage

Wood volume without gaps but including bark expressed as a percentage of the measured volume of an Item, e.g. a logpile. A Numeric value.

PropertyValue

Specifies a value for a property of an item. The property is defined by the attribute PropertyType. The attribute MeasuringMethod and MeasuringAgency can be used to clarify details for a how a property is measured or calculated, e.g. Diameter for a saw log can be measured “Under Bark” or “Over Bark”. The attribute MeasuringMethodType defines how the value is created, e.g. measured automatically, calculated etc. The attribute IsAverageValue indicates if the value is an average value or not.



PropertyType [attribute]

PropertyType is mandatory. A single instance is required.

Defines the type of property for an item.

Refer to PropertyType definition for any enumerations.

MeasuringMethodType [attribute]

MeasuringMethodType is optional. A single instance might exist.

Specifies how a measurement value is created.

Refer to MeasuringMethodType definition for any enumerations.

MeasuringAgency [attribute]

MeasuringAgency is optional. A single instance might exist.

The agency defining measuring methods.

Refer to MeasuringAgency definition for any enumerations.

MeasuringMethod [attribute]

MeasuringMethod is optional. A single instance might exist.

The method used to determine how the item under consideration is measured. Measuring methods are defined by the measuring agency.

IsAverageValue [attribute]

IsAverageValue is optional. A single instance might exist.

Indicates if the value is an average value or not.

Refer to IsAverageValue definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PositionOnItem

PositionOnItem is optional. A single instance might exist.

Specifies a position on an item. The attribute PositionMeasuredFrom defines the reference point for the position

(choice)

Choice is mandatory. A single instance is required.

BinaryValue

BinaryValue is optional because of choice construct.

A value in base-64-encoded binary format.

BooleanValue

BooleanValue is optional because of choice construct.

A value in boolean format.

DateTimeValue

DateTimeValue is optional because of choice construct.

A Date and Time value in the standard W3C xs:dateTime format.

NumericValue

NumericValue is optional because of choice construct.

A grouping element for a numeric value and its statistical measures.

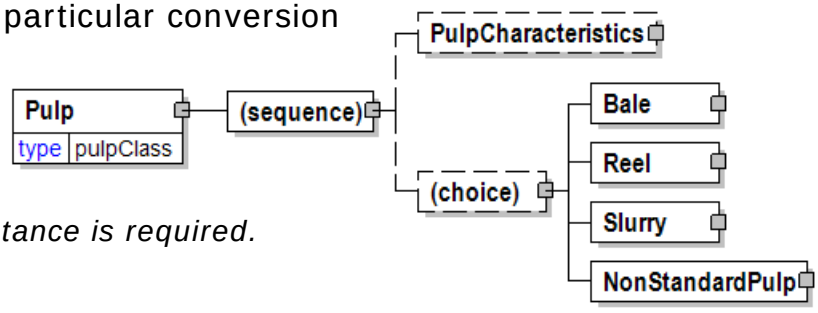
TextValue

TextValue is optional because of choice construct.

A value in text format.

Pulp

A group item defining the characteristics of pulp that are not dependent on a particular conversion process.



(sequence)

The sequence of items below is mandatory. A single instance is required.

PulpCharacteristics

PulpCharacteristics is optional. A single instance might exist.

The physical and chemical characteristics of the pulp product regardless of the form that it is taking.

(choice)

[choice] is optional because of choice construct.

Bale

Bale is optional because of choice construct.

A single or rectangular grouping of product

Reel

Reel is optional because of choice construct.

A group item that contains the conversion and packaging characteristics of a reel.

Slurry

Slurry is optional because of choice construct.

Product that has moisture content high enough to prevent formation of a sheet, and which can be delivered in liquid form.

Examples:

Product that has moisture content high enough to prevent formation of a sheet, and which can be delivered in liquid form. Examples:Noodle pulp, is pumped into trucks as thick slurry, and then pumped directly into the hydropulper. It has the higher strength properties of never dried pulp.

Product that has moisture content high enough to prevent formation of a sheet, and which can be delivered in liquid form. Examples:Noodle pulp, is pumped into trucks as thick slurry, and then pumped directly into the hydropulper. It has the higher strength properties of never dried pulp. Liquid pulp, never dried pulp, often pumped directly, using a flow meter to measure the moisture and fibre content. Sold by weight of the fibre.

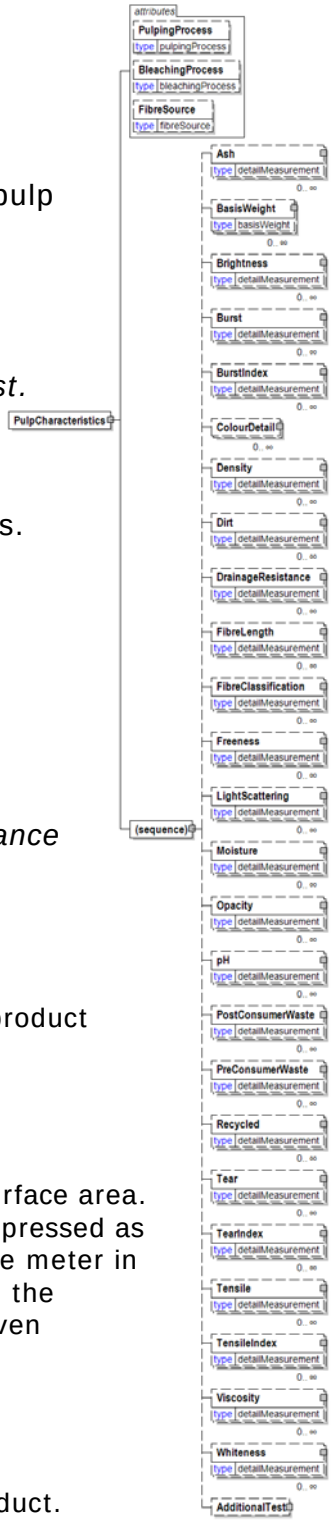
NonStandardPulp

NonStandardPulp is optional because of choice construct.

The characteristics of the form that pulp in a nonstandard presentation takes.

PulpCharacteristics

The physical and chemical characteristics of the pulp product regardless of the form that it is taking.



PulpingProcess [attribute]

PulpingProcess is optional. A single instance might exist.

Communicates the pulping method used to produce the pulp fibre

Refer to PulpingProcess definition for any enumerations.

BleachingProcess [attribute]

BleachingProcess is optional. A single instance might exist.

Communicates the type of bleaching process used to make the pulp fibre

Refer to BleachingProcess definition for any enumerations.

FibreSource [attribute]

FibreSource is optional. A single instance might exist.

Communicates the source of the pulp fibre

Refer to FibreSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Ash

Ash is optional. Multiple instances might exist.

A group item used to communicate the ash content of the product according to a particular TestMethod.

BasisWeight

BasisWeight is optional. Multiple instances might exist.

The weight of the paper expressed as a mass for a given surface area. In countries using the metric system, the basis weight is expressed as the weight in grams of one sheet of paper that is one square meter in area—not dependent on basic sheet size. In countries using the imperial system, the weight is expressed in pounds for a given ProductBasisSizeType.

Brightness

Brightness is optional. Multiple instances might exist.

A measurement of the degree of light reflectivity of the product.

Burst

Burst is optional. Multiple instances might exist.

A group item used to communicate bursting strength target or test value according to a particular TestMethod.

BurstIndex

BurstIndex is optional. Multiple instances might exist.

The burst index.

ColourDetail

ColourDetail is optional. Multiple instances might exist.

A group item used to communicate details of colour according to the selected colour definition scheme.

Density

Density is optional. Multiple instances might exist.

A group item used to communicate density target or test value according to a particular TestMethod.

Dirt

Dirt is optional. Multiple instances might exist.

A group item used to communicate dirt content target or test value according to a particular TestMethod.

DrainageResistance

DrainageResistance is optional. Multiple instances might exist.

A group item used to communicate drainage resistance target or test value.

FibreLength

FibreLength is optional. Multiple instances might exist.

A group item used to communicate fibre length target or test value according to a particular TestMethod.

FibreClassification

FibreClassification is optional. Multiple instances might exist.

A group item used to communicate fibre classification according to the specified classification scheme.

Freeness

Freeness is optional. Multiple instances might exist.

Freeness

LightScattering

LightScattering is optional. Multiple instances might exist.

A group item used to communicate light scattering coefficients according to a particular TestMethod.

Moisture

Moisture is optional. Multiple instances might exist.

Desired percentage, or other indicator, of water in the product at the time of shipment.

Opacity

Opacity is optional. Multiple instances might exist.

A group item used to communicate opacity target or test value according to a particular TestMethod.

pH

pH is optional. Multiple instances might exist.

A group item used to communicate pH (degree of acidity versus basicity) target or

test value according to a particular TestMethod.

PostConsumerWaste

PostConsumerWaste is optional. Multiple instances might exist.

A group item used to communicate the target or test value percentage of post consumer waste fibre in the product according to a particular TestMethod.

PreConsumerWaste

PreConsumerWaste is optional. Multiple instances might exist.

A group item used to communicate the target or test value percentage of pre-consumer waste fibre in the product according to a particular TestMethod.

Recycled

Recycled is optional. Multiple instances might exist.

A group item used to communicate the target or test value total percentage of waste fibre in the product according to a particular TestMethod.

Tear

Tear is optional. Multiple instances might exist.

A group item used to communicate tearing resistance target or test value according to a particular TestMethod.

TearIndex

TearIndex is optional. Multiple instances might exist.

TearIndex

Tensile

Tensile is optional. Multiple instances might exist.

A group item used to communicate zero-span tensile strength target or test value according to a particular TestMethod.

TensileIndex

TensileIndex is optional. Multiple instances might exist.

Tensile Index

Viscosity

Viscosity is optional. Multiple instances might exist.

Viscosity

Whiteness

Whiteness is optional. Multiple instances might exist.

A group item used to communicate degree of whiteness target or test value according to a particular TestMethod.

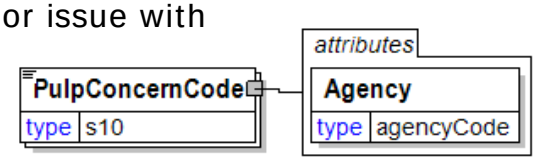
AdditionalTest

AdditionalTest is optional. A single instance might exist.

AdditionalTest exists to enable the inclusion of a test that has not been identified by papiNet.org. It is always a single-instance element so it is very important that users, who come upon a test that papiNet.org has not identified, communicate the need for this test to us at www.papiNet.org.

PulpConcernCode

A group of codes that qualifies the defect or issue with a particular unit of pulp.



Agency [attribute]

Agency is mandatory. A single instance is required.

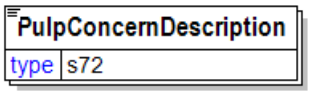
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

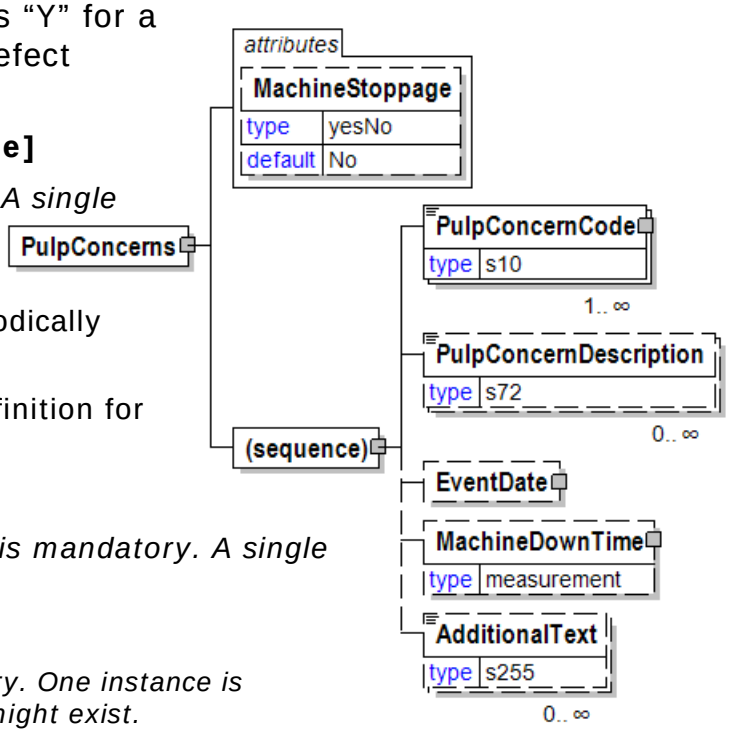
PulpConcernDescription

A narrative to correspond to the concern code.



PulpConcerns

If the ConcernIndicatorType is “Y” for a pulp related product then a defect cause must be give.



MachineStoppage [attribute]

MachineStoppage is optional. A single instance might exist.

An indicator on whether the production had to be periodically stopped.

Refer to MachineStoppage definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PulpConcernCode

PulpConcernCode is mandatory. One instance is required, multiple instances might exist.

A group of codes that qualifies the defect or issue with a particular unit of pulp.

PulpConcernDescription

PulpConcernDescription is optional. Multiple instances might exist.

A narrative to correspond to the concern code.

EventDate

EventDate is optional. A single instance might exist.

The date the incident or delay on press was recorded.

MachineDownTime

MachineDownTime is optional. A single instance might exist.

The length of loss production time that a machine experienced due to malfunction regardless of cause.

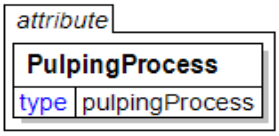
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

PulpingProcess [attribute]

Communicates the pulping method used to produce the pulp fibre



This item is restricted to the following list.

ChemicalPulp

In chemical pulping, wood is cooked in a digester at elevated pressure with a solution of the appropriate chemicals which dissolve the lignin and leave behind the cellulose.

ChemoThermoMechanicalPulp

Semi-chemical pulping process uses a combination of chemical, thermal and mechanical methods. The wood chips are partially cooked with chemicals, then heated, and the remainder of the pulping is accomplished mechanically.

DeinkedPulp

Pulp produced from deinked wastepaper, like old newsprint and old magazines.

RefinerGroundwood

Mechanical pulping process where the wood is pressed against a grinder which physically separates the fibers.

StoneGroundwood

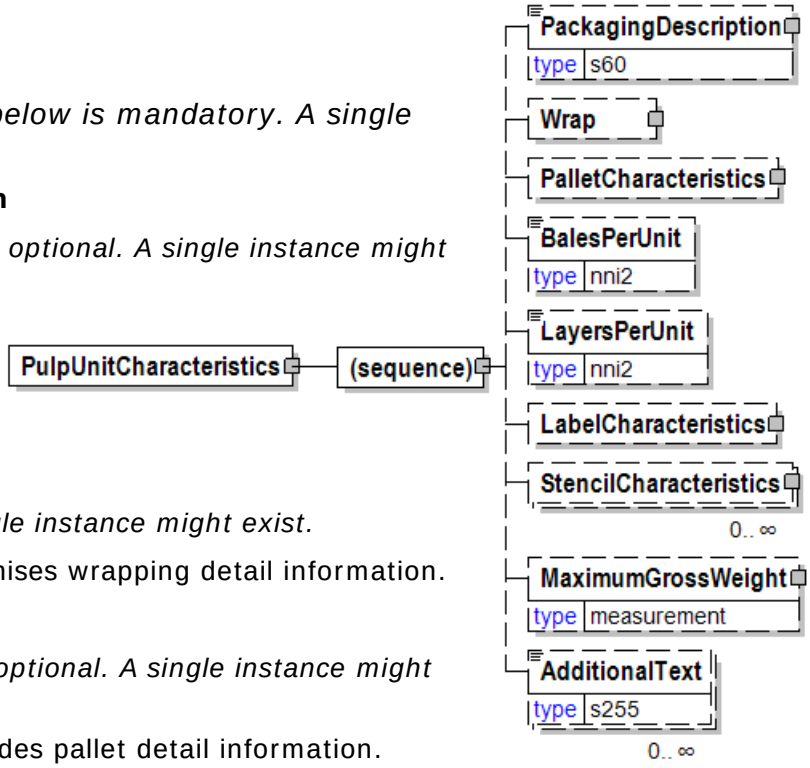
The oldest of the large scale methods of pulping, dating back to the late 1840's is the groundwood process, in which debarked logs are forced against a huge revolving abrasive stone which shreds the fibres from the wood.

ThermoMechanical

This process, which reached commercial viability in the early 1970's, involves an initial stage in which wood chips, before entering a pressurized refiner, are softened by steam. This facilitates the separation of the cellulose and reduces damage to the individual fibres.

PulpUnitCharacteristics

A group element that contains information primarily of use for ordering.



(sequence)

The sequence of items below is mandatory. A single instance is required.

PackagingDescription

PackagingDescription is optional. A single instance might exist.

A text field element describing the packaging of a product.

Wrap

Wrap is optional. A single instance might exist.

A group item that organises wrapping detail information.

PalletCharacteristics

PalletCharacteristics is optional. A single instance might exist.

A group item that provides pallet detail information.

BalesPerUnit

BalesPerUnit is optional. A single instance might exist.

The number of bales included on the shipping, handling, or delivery unit.

LayersPerUnit

LayersPerUnit is optional. A single instance might exist.

The number of layers on the shipping, handling, or delivery unit. (This element uses pattern matching to ensure the appropriate format for latitude.)

LabelCharacteristics

LabelCharacteristics is optional. A single instance might exist.

A group item that organises the labeling information.

StencilCharacteristics

StencilCharacteristics is optional. Multiple instances might exist.

A group element specifying attributes of a stencil to be applied to an item, and optional text.

MaximumGrossWeight

MaximumGrossWeight is optional. A single instance might exist.

The maximum weight allowed including the pallet.

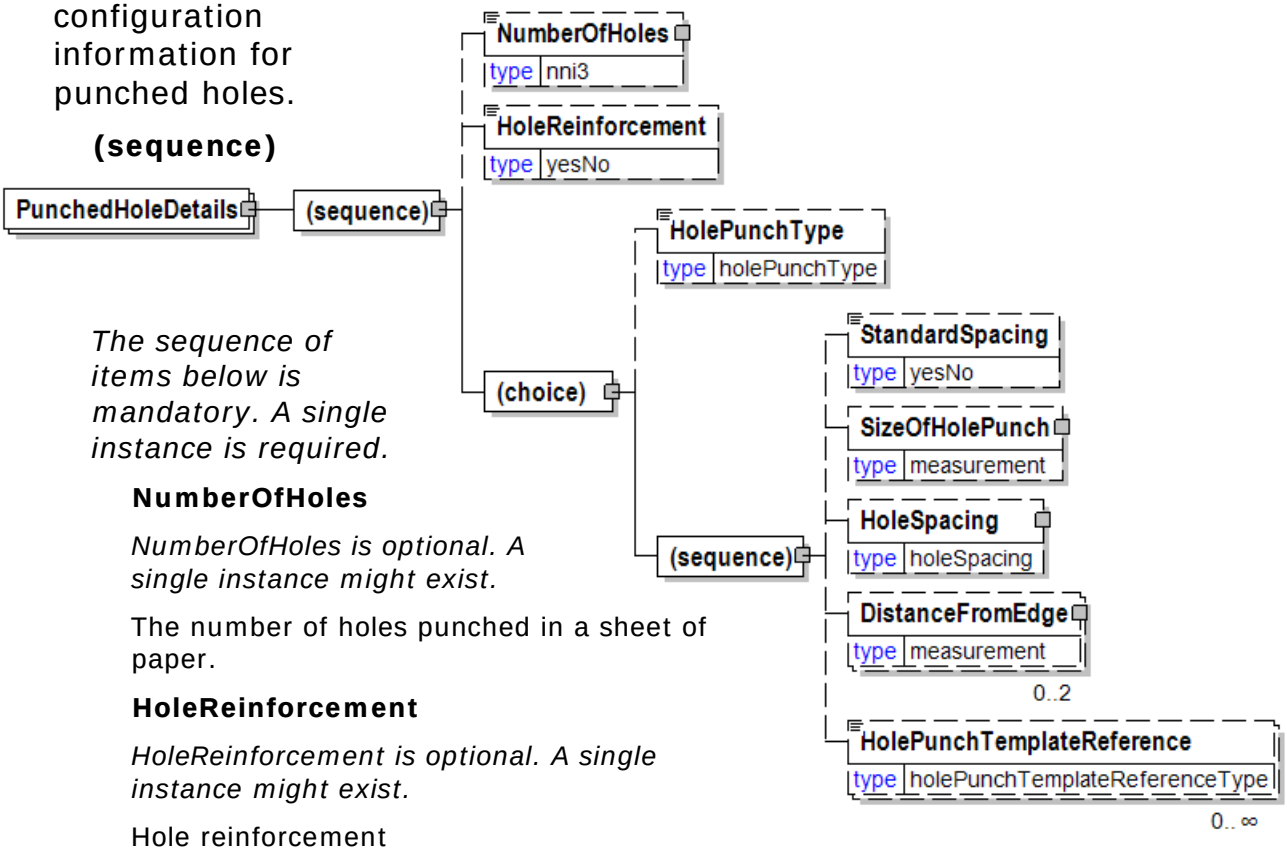
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

PunchedHoleDetails

A grouping element that will contain the configuration information for punched holes.



The sequence of items below is mandatory. A single instance is required.

NumberOfHoles

NumberOfHoles is optional. A single instance might exist.

The number of holes punched in a sheet of paper.

HoleReinforcement

HoleReinforcement is optional. A single instance might exist.

Hole reinforcement

Refer to HoleReinforcement definition for any enumerations.

(choice)

[choice] is optional because of choice construct.

HolePunchType

HolePunchType is optional because of choice construct.

Hole punch type.

Refer to HolePunchType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

StandardSpacing

StandardSpacing is optional. A single instance might exist.

Is the spacing standard?

Refer to StandardSpacing definition for any enumerations.

SizeOfHolePunch

SizeOfHolePunch is optional. A single instance might exist.

A definition of the size and shape of the punched holes.

HoleSpacing

HoleSpacing is optional. A single instance might exist.

The HoleSpacing element is used to communicate the distance between holes.

DistanceFromEdge

DistanceFromEdge is optional.

The distance from the edge of the paper. This element is used to communicate where the hole is.

HolePunchTemplateReference

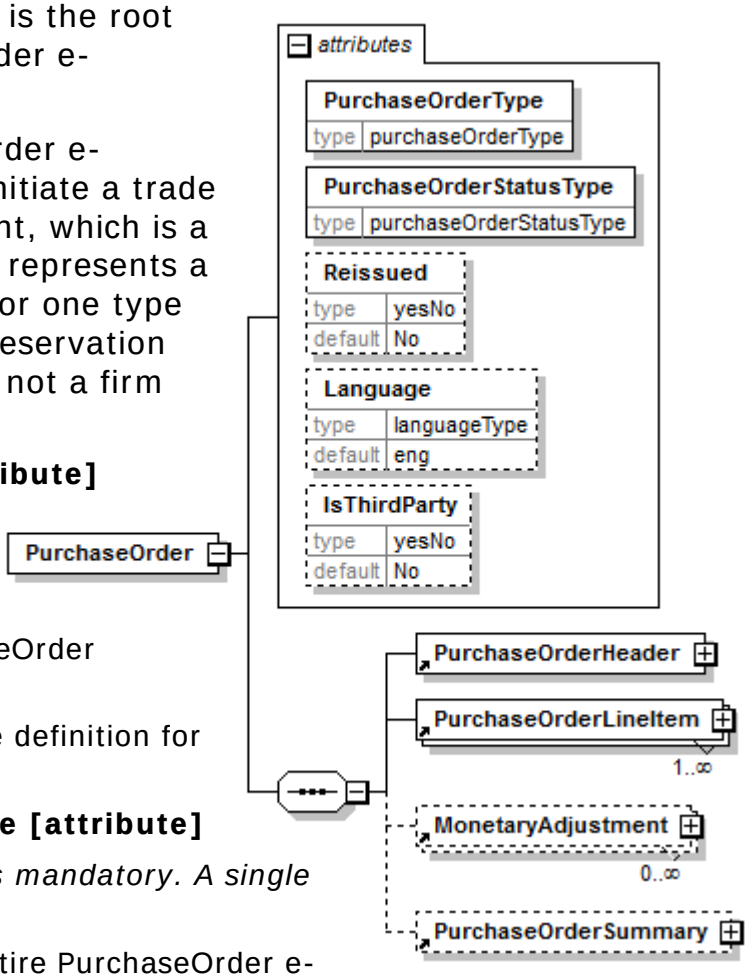
HolePunchTemplateReference is optional. Multiple instances might exist.

Hole punch template reference

PurchaseOrder

The PurchaseOrder element is the root element for the PurchaseOrder e-Document.

A buyer sends a PurchaseOrder e-Document to a supplier to initiate a trade transaction. This e-Document, which is a request for product, usually represents a firm commitment to buy. (For one type of PurchaseOrder, called a reservation order, the PurchaseOrder is not a firm commitment to buy).



PurchaseOrderType [attribute]

PurchaseOrderType is mandatory. A single instance is required.

Defines the type of PurchaseOrder issued.

Refer to PurchaseOrderType definition for any enumerations.

PurchaseOrderStatusType [attribute]

PurchaseOrderStatusType is mandatory. A single instance is required.

Defines the status of the entire PurchaseOrder e-Document, in other words, at the root level

Refer to PurchaseOrderStatusType definition for any enumerations.

Reissued [attribute]

Reissued is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Reissued definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

IsThirdParty [attribute]

IsThirdParty is optional. A single instance might exist.

Indication of an indirect business process.

Refer to IsThirdParty definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PurchaseOrderHeader

PurchaseOrderHeader is mandatory. A single instance is required.

The header level of information for the PurchaseOrder containing information that relates to the entire PurchaseOrder.

PurchaseOrderLineItem

PurchaseOrderLineItem is mandatory. One instance is required, multiple instances might exist.

PurchaseOrderLineItem is a required, multiple instances element.

MonetaryAdjustment

MonetaryAdjustment is optional. Multiple instances might exist.

The element containing the information necessary for the understanding, calculation, and treatment of an adjustment to a currency amount. MonetaryAdjustment contains an attribute that indicates they type of adjustment being communicated.

PurchaseOrderSummary

PurchaseOrderSummary is optional. A single instance might exist.

PurchaseOrderSummary is required and single instance.

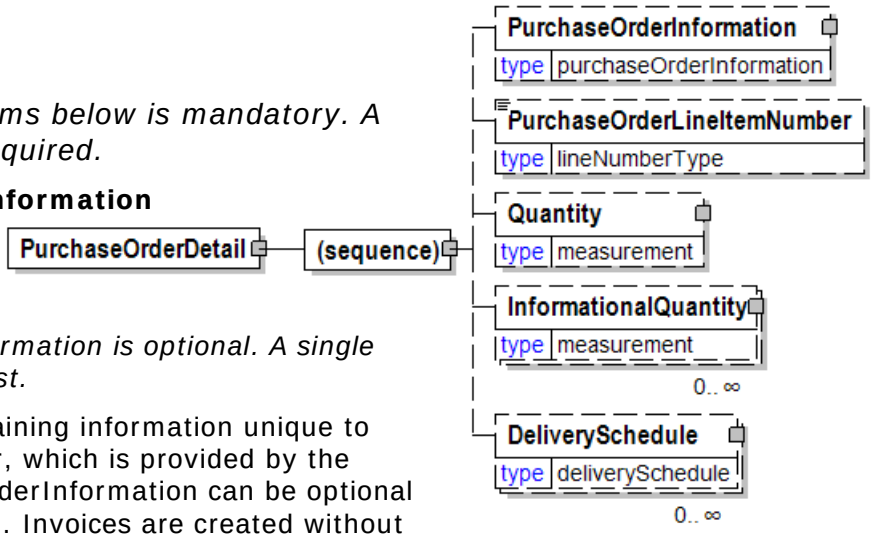
PurchaseOrderDetail

Multiple PurchaseOrderDetail instances are allowed.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PurchaseOrderInformation



PurchaseOrderInformation is optional. A single instance might exist.

A group item containing information unique to this PurchaseOrder, which is provided by the buyer. PurchaseOrderInformation can be optional in the supply chain. Invoices are created without having a PurchaseOrder in Vendor Managed Inventory. Freight invoices also will not have a PurchaseOrder number.

PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber is optional. A single instance might exist.

The sequential number that uniquely identifies the PurchaseOrder line item.

Quantity

Quantity is optional. A single instance might exist.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

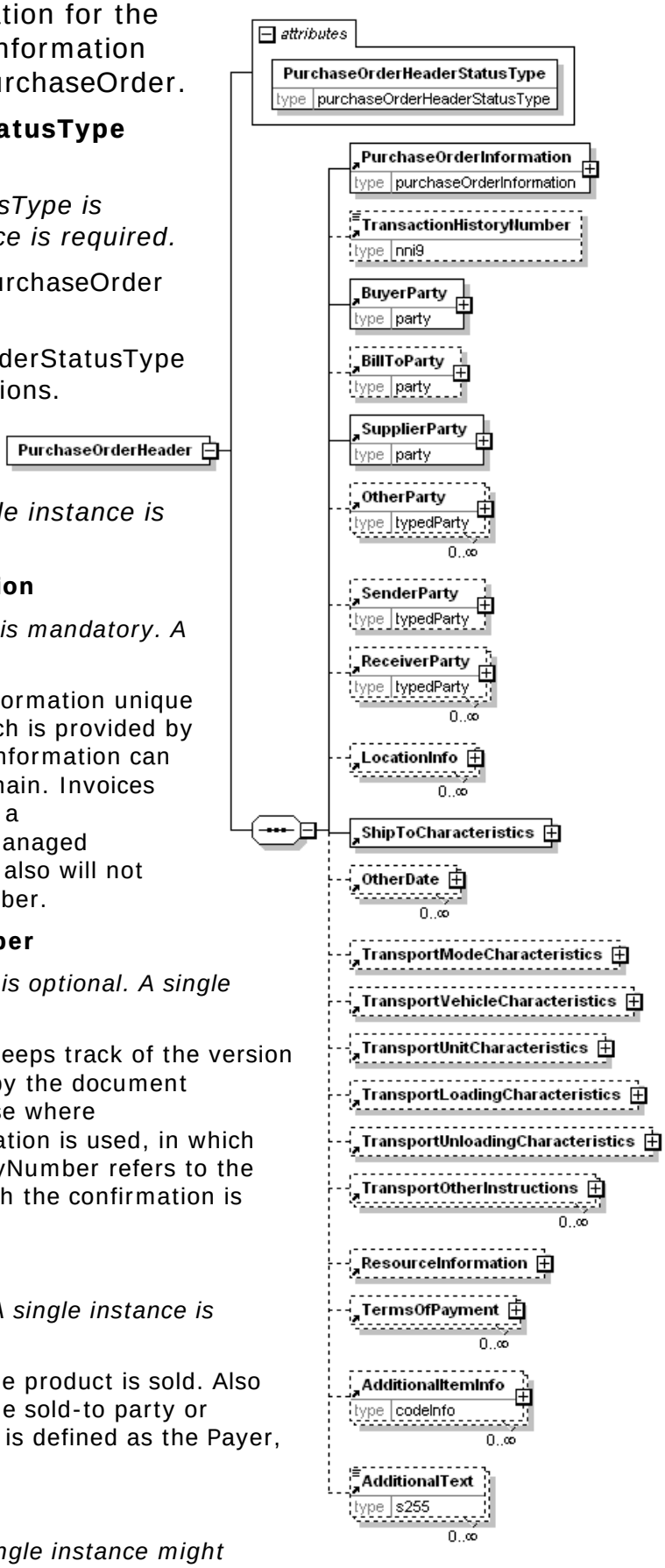
DeliverySchedule

DeliverySchedule is optional. Multiple instances might exist.

A group item defining a series of DeliveryDateWindow(s) in which specified quantities must be delivered.

PurchaseOrderHeader

The header level of information for the PurchaseOrder containing information that relates to the entire PurchaseOrder.



PurchaseOrderHeaderStatusType [attribute]

PurchaseOrderHeaderStatusType is mandatory. A single instance is required.

Defines the status of the PurchaseOrder header

Refer to PurchaseOrderHeaderStatusType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PurchaseOrderInformation

PurchaseOrderInformation is mandatory. A single instance is required.

A group item containing information unique to this PurchaseOrder, which is provided by the buyer. PurchaseOrderInformation can be optional in the supply chain. Invoices are created without having a PurchaseOrder in Vendor Managed Inventory. Freight invoices also will not have a PurchaseOrder number.

TransactionHistoryNumber

TransactionHistoryNumber is optional. A single instance might exist.

A sequential number that keeps track of the version of a document being sent by the document originator except in the case where TransactionHistoryConfirmation is used, in which case the TransactionHistoryNumber refers to the trigger transaction for which the confirmation is being sent.

BuyerParty

BuyerParty is mandatory. A single instance is required.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

BillToParty

BillToParty is optional. A single instance might exist.

The address where the invoice is to be sent.

SupplierParty

SupplierParty is mandatory. A single instance is required.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

SenderParty

SenderParty is optional. A single instance might exist.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is optional. Multiple instances might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

LocationInfo

LocationInfo is optional. Multiple instances might exist.

A grouping element that contains information about a geographical location.

ShipToCharacteristics

ShipToCharacteristics is mandatory. A single instance is required.

A group item that provides information important for the Ship-To Party.

ShipToCharacteristics may be referenced at both the header and line item level. The reference at the header is required and acts as a default for the value at the line level, unless overridden at the line level.

OtherDate

OtherDate is optional. Multiple instances might exist.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

TransportModeCharacteristics

TransportModeCharacteristics is optional. A single instance might exist.

A group item defining the primary mode of transport.

TransportVehicleCharacteristics

TransportVehicleCharacteristics is optional. A single instance might exist.

A group item containing information about a transport vehicle, e.g. a truck. A transport vehicle has its own power and can be used to pull, push, carry, or tow a transport unit loaded with goods.

TransportUnitCharacteristics

TransportUnitCharacteristics is optional. A single instance might exist.

A group item containing information about a transport unit, e.g. a trailer. Transport units contain goods and move using power from another source, the transport vehicle.

TransportLoadingCharacteristics

TransportLoadingCharacteristics is optional. A single instance might exist.

A group item defining how the transported items are to be loaded.

TransportUnloadingCharacteristics

TransportUnloadingCharacteristics is optional. A single instance might exist.

A group item defining how the transported items are to be unloaded.

TransportOtherInstructions

TransportOtherInstructions is optional. Multiple instances might exist.

A group item defining any other instructions for the transport not covered in the description of transport mode, vehicle, unit, and loading characteristics or defining an alternative description for the categories mentioned above.

ResourceInformation

ResourceInformation is optional. A single instance might exist.

A group item that contains information for specification of resources.

TermsOfPayment

TermsOfPayment is optional. Multiple instances might exist.

A group item that contains agreed-to terms defining when, how, and under what conditions the payment is to be made.

When TermsOfPayment is optional; if omitted, TermsOfPayment is controlled through previous negotiation.

AdditionalItemInfo

AdditionalItemInfo is optional. Multiple instances might exist.

A grouping element that contains information about additional items specified by an agency. Restricted use of this element is recommended.

AdditionalText

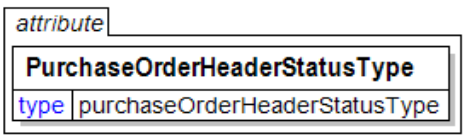
AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

PurchaseOrderHeaderStatusType [attribute]

Defines the status of the PurchaseOrder header

This item is restricted to the following list.



Amended

The supplied information is changed.

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

New

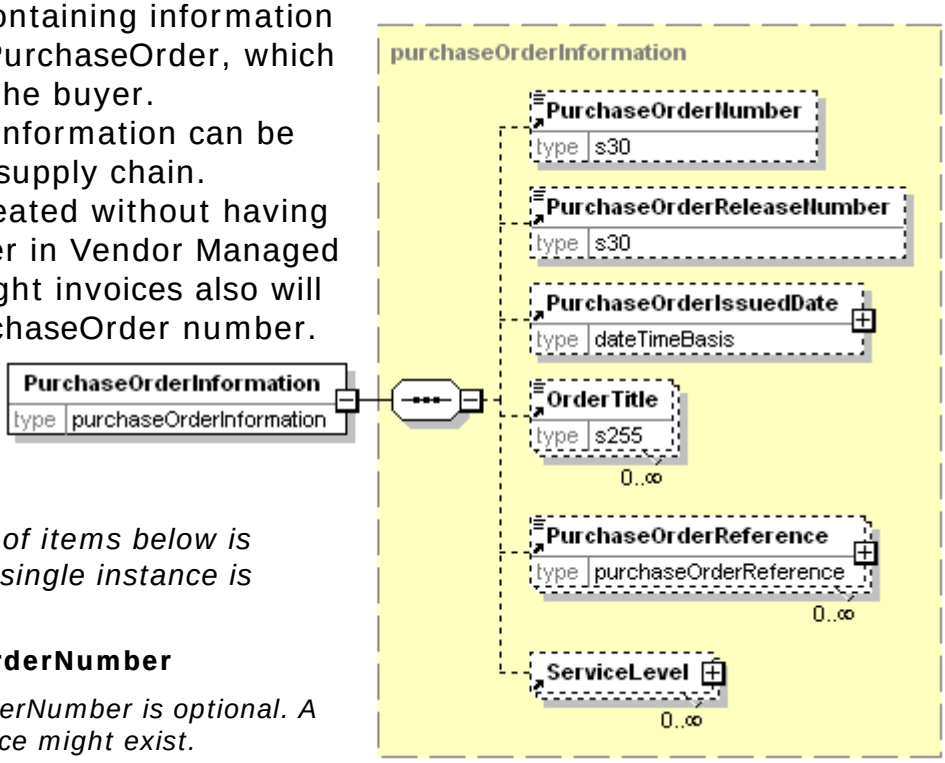
The supplied information is new and supplied for the first time.

NoAction

The supplied information has not been amended and thereby requires no action.

PurchaseOrderInformation

A group item containing information unique to this PurchaseOrder, which is provided by the buyer. PurchaseOrderInformation can be optional in the supply chain. Invoices are created without having a PurchaseOrder in Vendor Managed Inventory. Freight invoices also will not have a PurchaseOrder number.



(sequence)

The sequence of items below is mandatory. A single instance is required.

PurchaseOrderNumber

PurchaseOrderNumber is optional. A single instance might exist.

The unique order identifier as designated by the customer.

PurchaseOrderReleaseNumber

PurchaseOrderReleaseNumber is optional. A single instance might exist.

The version or release of the PurchaseOrder.

PurchaseOrderIssuedDate

PurchaseOrderIssuedDate is optional. A single instance might exist.

The Date and Time on which the PurchaseOrder was issued within the buyer's system.

OrderTitle

OrderTitle is optional. Multiple instances might exist.

A text describing the context of the order

PurchaseOrderReference

PurchaseOrderReference is optional. Multiple instances might exist.

An item detailing relevant references (such as contract number) pertaining to the PurchaseOrder. The type of reference is identified by the PurchaseOrderReferenceType attribute.

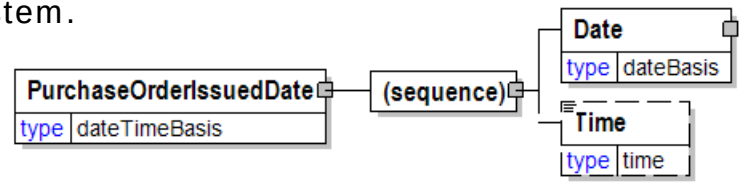
ServiceLevel

ServiceLevel is optional. Multiple instances might exist.

A grouping element containing information about a service level. The service level can be specified in a Service Level Agreement (SLA) detailing requirements such as delivery, performance, pricing, quality, etc.

PurchaseOrderIssuedDate

The Date and Time on which the PurchaseOrder was issued within the buyer's system.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

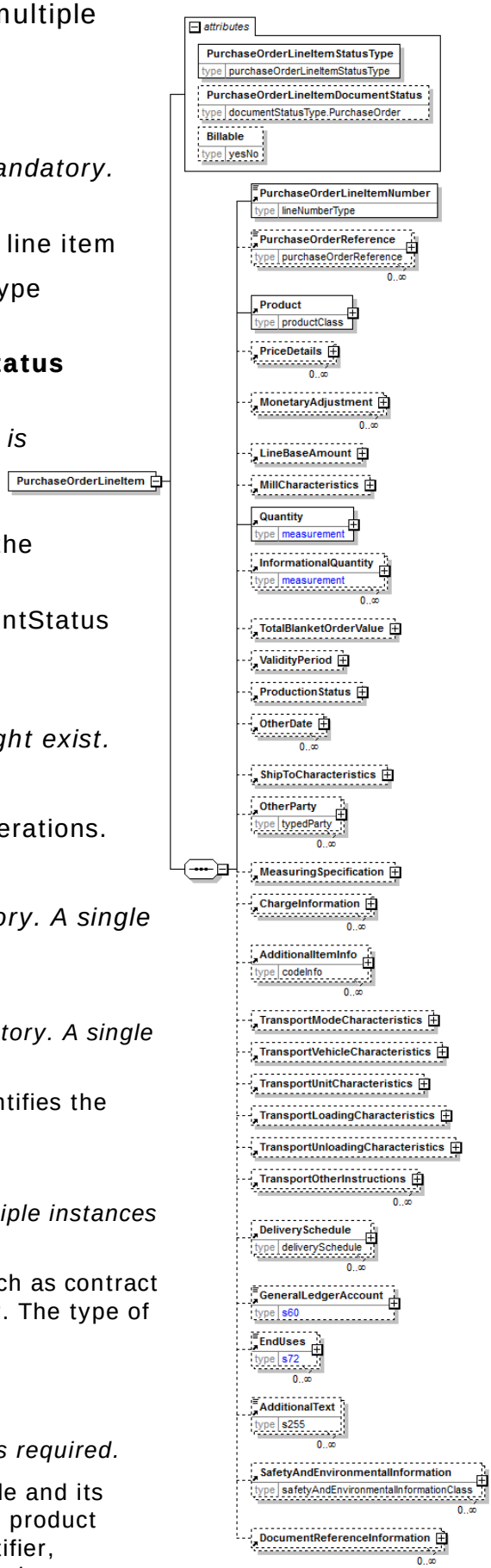
Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized "local" time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use "Z" when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

PurchaseOrderLineItem

PurchaseOrderLineItem is a required, multiple instances element.



PurchaseOrderLineItemStatusType [attribute]

PurchaseOrderLineItemStatusType is mandatory. A single instance is required.

Defines the status of the PurchaseOrder line item

Refer to PurchaseOrderLineItemStatusType definition for any enumerations.

PurchaseOrderLineItemDocumentStatus [attribute]

PurchaseOrderLineItemDocumentStatus is optional. A single instance might exist.

Defines the actual document status for the PurchaseOrderLineItem.

Refer to PurchaseOrderLineItemDocumentStatus definition for any enumerations.

Billable [attribute]

Billable is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Billable definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber is mandatory. A single instance is required.

The sequential number that uniquely identifies the PurchaseOrder line item.

PurchaseOrderReference

PurchaseOrderReference is optional. Multiple instances might exist.

An item detailing relevant references (such as contract number) pertaining to the PurchaseOrder. The type of reference is identified by the PurchaseOrderReferenceType attribute.

Product

Product is mandatory. A single instance is required.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book

Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

PriceDetails

PriceDetails is optional. Multiple instances might exist.

An element that groups together price information.

MonetaryAdjustment

MonetaryAdjustment is optional. Multiple instances might exist.

The element containing the information necessary for the understanding, calculation, and treatment of an adjustment to a currency amount. MonetaryAdjustment contains an attribute that indicates they type of adjustment being communicated.

LineBaseAmount

LineBaseAmount is optional. A single instance might exist.

For the particular e-Document being communicated the LineBaseAmount represents the quantity times the base unit price.

MillCharacteristics

MillCharacteristics is optional. A single instance might exist.

A group item defining the mill party and machine identifier where a product is or was produced.

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

TotalBlanketOrderValue

TotalBlanketOrderValue is optional. A single instance might exist.

The authorized amount of the blanket PurchaseOrder.

ValidityPeriod

ValidityPeriod is optional. A single instance might exist.

The validity period for a specific item, e.g. the validity period for an e-Document.

ProductionStatus

ProductionStatus is optional. A single instance might exist.

A group item used to communicate the release of a delivery line number.

OtherDate

OtherDate is optional. Multiple instances might exist.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

ShipToCharacteristics

ShipToCharacteristics is optional. A single instance might exist.

A group item that provides information important for the Ship-To Party.

ShipToCharacteristics may be referenced at both the header and line item level. The reference at the header is required and acts as a default for the value at the line level, unless overridden at the line level.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

MeasuringSpecification

MeasuringSpecification is optional. A single instance might exist.

A grouping element that contains a specification for measurement procedures

ChargeInformation

ChargeInformation is optional. Multiple instances might exist.

A group element that contains elements that describe a charge. ChargeInformation is used when charge details need to be specified by using a code assigned by an agency. It is typically used for freight costs and other costs related to the supply chain.

AdditionalItemInfo

AdditionalItemInfo is optional. Multiple instances might exist.

A grouping element that contains information about additional items specified by an agency. Restricted use of this element is recommended.

TransportModeCharacteristics

TransportModeCharacteristics is optional. A single instance might exist.

A group item defining the primary mode of transport.

TransportVehicleCharacteristics

TransportVehicleCharacteristics is optional. A single instance might exist.

A group item containing information about a transport vehicle, e.g. a truck. A transport vehicle has its own power and can be used to pull, push, carry, or tow a transport unit loaded with goods.

TransportUnitCharacteristics

TransportUnitCharacteristics is optional. A single instance might exist.

A group item containing information about a transport unit, e.g. a trailer. Transport units contain goods and move using power from another source, the transport vehicle.

TransportLoadingCharacteristics

TransportLoadingCharacteristics is optional. A single instance might exist.

A group item defining how the transported items are to be loaded.

TransportUnloadingCharacteristics

TransportUnloadingCharacteristics is optional. A single instance might exist.

A group item defining how the transported items are to be unloaded.

TransportOtherInstructions

TransportOtherInstructions is optional. Multiple instances might exist.

A group item defining any other instructions for the transport not covered in the description of transport mode, vehicle, unit, and loading characteristics or defining an alternative description for the categories mentioned above.

DeliverySchedule

DeliverySchedule is optional. Multiple instances might exist.

A group item defining a series of DeliveryDateWindow(s) in which specified quantities must be delivered.

GeneralLedgerAccount

GeneralLedgerAccount is optional. A single instance might exist.

The general ledger account to be referenced for the item.

EndUses

EndUses is optional. Multiple instances might exist.

A text element used to express in human readable form a list of applicable end uses for a product. Examples of end uses are:

Magazine

Book

Commercial print

etc

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency).

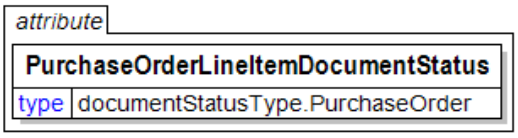
DocumentReferenceInformation

DocumentReferenceInformation is optional. Multiple instances might exist.

A group item containing reference information applicable to a document.

PurchaseOrderLineItemDocumentStatus [attribute]

Defines the actual document status for the PurchaseOrderLineItem.



This item is restricted to the following list.

Cancelled

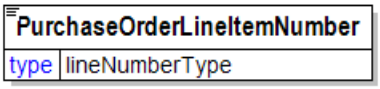
The supplied information of the document item is cancelled. Items that have been cancelled are not included in totals on the summary level of e-Documents.

Requested

The supplied information of the document item is ordered.

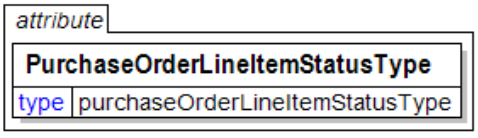
PurchaseOrderLineItemNumber

The sequential number that uniquely identifies the PurchaseOrder line item.



PurchaseOrderLineItemStatusType [attribute]

Defines the status of the PurchaseOrder line item



This item is restricted to the following list.

Amended

The supplied information is changed.

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

New

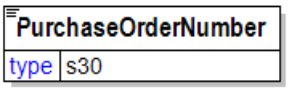
The supplied information is new and supplied for the first time.

NoAction

The supplied information has not been amended and thereby requires no action.

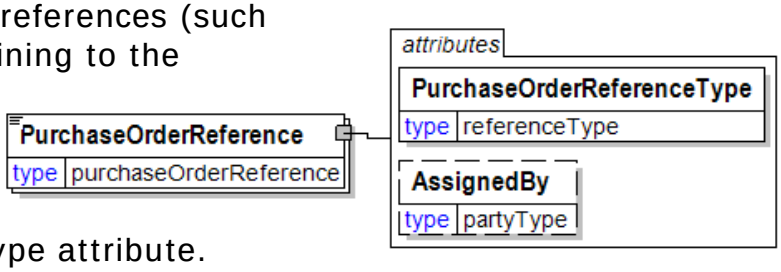
PurchaseOrderNumber

The unique order identifier as designated by the customer.



PurchaseOrderReference

An item detailing relevant references (such as contract number) pertaining to the PurchaseOrder. The type of reference is identified by the PurchaseOrderReferenceType attribute.



PurchaseOrderReferenceType [attribute]

PurchaseOrderReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to PurchaseOrderReferenceType definition for any enumerations.

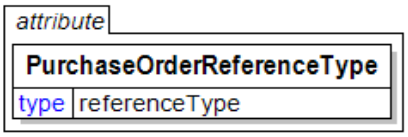
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

PurchaseOrderReferenceType [attribute]



Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

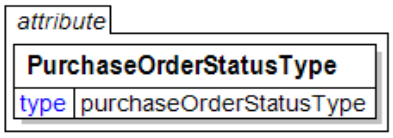
PurchaseOrderReleaseNumber

The version or release of the PurchaseOrder.



PurchaseOrderStatusType [attribute]

Defines the status of the entire PurchaseOrder e-Document, in other words, at the root level



This item is restricted to the following list.

Amended

The supplied information is changed.

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

Original

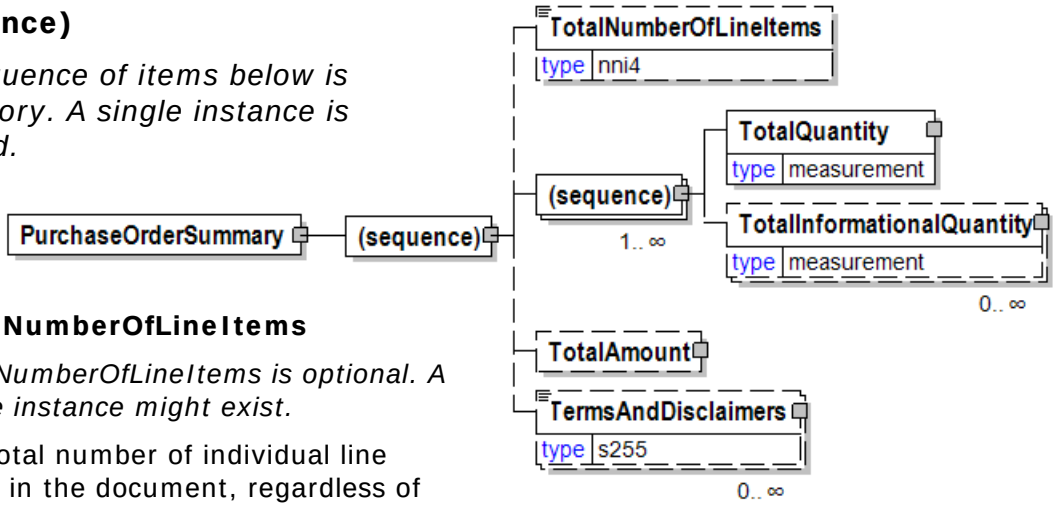
The supplied information is the first version of that information.

PurchaseOrderSummary

PurchaseOrderSummary is required and single instance

(sequence)

The sequence of items below is mandatory. A single instance is required.



TotalNumberOfLineItems

TotalNumberOfLineItems is optional. A single instance might exist.

The total number of individual line items in the document, regardless of the status or type.

(sequence)

The sequence of items below is mandatory. One instance is required, multiple instances might exist.

TotalQuantity

TotalQuantity is mandatory. A single instance is required.

The total quantity of similar items in the e-Document. TotalQuantity is primarily used in the summary section of documents where it is repeatable to permit totaling for different units of measure.

TotalInformationalQuantity

TotalInformationalQuantity is optional. Multiple instances might exist.

A quantity that is used to communicate related information about the parent element. This element represents a total that is derived from individual line items.

TotalAmount

TotalAmount is optional. A single instance might exist.

The total amount including tax (when tax is specified in the e-Document).

In e-Documents claiming payment this is the amount due for payment based on the terms of payment. Decimal rounding might be applied to this amount.

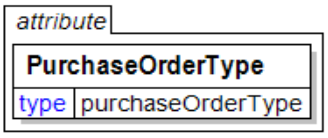
TermsAndDisclaimers

TermsAndDisclaimers is optional. Multiple instances might exist.

An element that contains legal information with an indication of what the Language is.

PurchaseOrderType [attribute]

Defines the type of PurchaseOrder issued.



This item is restricted to the following list.

BlanketOrder

An order that communicates the same information as a StandardOrder but also indicates that the order may be completed over a period of time or, until a certain volume is achieve or, until a certain currency amount is spent.

ConfirmingOrder

A confirming order is used to electronically confirm an order that has not been placed electronically by the customer that is, it was placed using another mean such as fax, phone or email.

ConsumptionOrder

A PurchaseOrder that is based upon consumption for a particular period of time or instance.

ReleaseOrder

A release order is used to release a product to be made. This type of order refers to a previous order or agreement, such as a reservation order, a contract, or a blanket order. A release number version which is an incremented number, is used in this type.

ReservationOrder

A reservation order is used to book a paper supplier‘s capacity for specific quantities of specific products, but it is not yet a firm commitment to buy. Consequently, all line items of a reservation order have a ProductionStatusType of NotFree. To release one or more PurchaseOrder line items of a reservation order, a buyer can use a standard order or a release order.

StandardOrder

A standard order is a regular one-time order. It defines quantities for one or more products to be purchased and may also define a delivery location and date. A standard order may reference a previous agreement (for example, a quotation, a contract, or a reservation order) for information.

TrialOrder

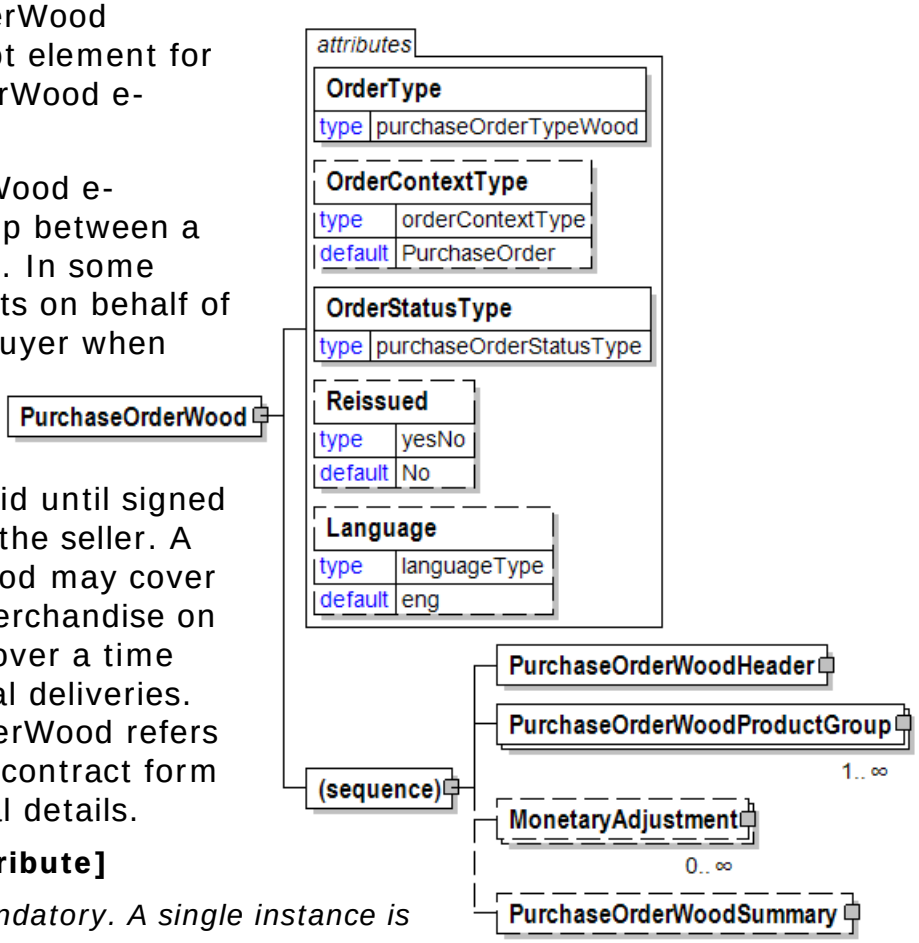
A trial order is used whenever a seller has agreed to have a buyer sample a product. The seller needs to process this order differently from other orders,

because a trial order may include a product sold at a discounted rate or even provided for free. A trial order typically is for small quantities.

PurchaseOrderWood

The PurchaseOrderWood element is the root element for the PurchaseOrderWood e-Document.

A PurchaseOrderWood e-Document is set up between a buyer and a seller. In some cases an agent acts on behalf of the seller or the buyer when setting up the contract. However, the contract is not valid until signed by the buyer and the seller. A PurchaseOrderWood may cover one delivery of merchandise on one occasion or cover a time period with several deliveries. This PurchaseOrderWood refers to a standardised contract form containing all legal details.



OrderType [attribute]

OrderType is mandatory. A single instance is required.

Defines the type of PurchaseOrder issued.

Refer to OrderType definition for any enumerations.

OrderContextType [attribute]

OrderContextType is optional. A single instance might exist.

Qualifies the source of the PurchaseOrder.

Refer to OrderContextType definition for any enumerations.

OrderStatusType [attribute]

OrderStatusType is mandatory. A single instance is required.

Defines the status of the entire PurchaseOrder e-Document, in other words, at the root level

Refer to OrderStatusType definition for any enumerations.

Reissued [attribute]

Reissued is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Reissued definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PurchaseOrderWoodHeader

PurchaseOrderWoodHeader is mandatory. A single instance is required.

PurchaseOrderWood Header

PurchaseOrderWoodProductGroup

PurchaseOrderWoodProductGroup is mandatory. One instance is required, multiple instances might exist.

PurchaseOrderWoodProductGroupis a required, multiple instances element.

MonetaryAdjustment

MonetaryAdjustment is optional. Multiple instances might exist.

The element containing the information necessary for the understanding, calculation, and treatment of an adjustment to a currency amount. MonetaryAdjustment contains an attribute that indicates they type of adjustment being communicated.

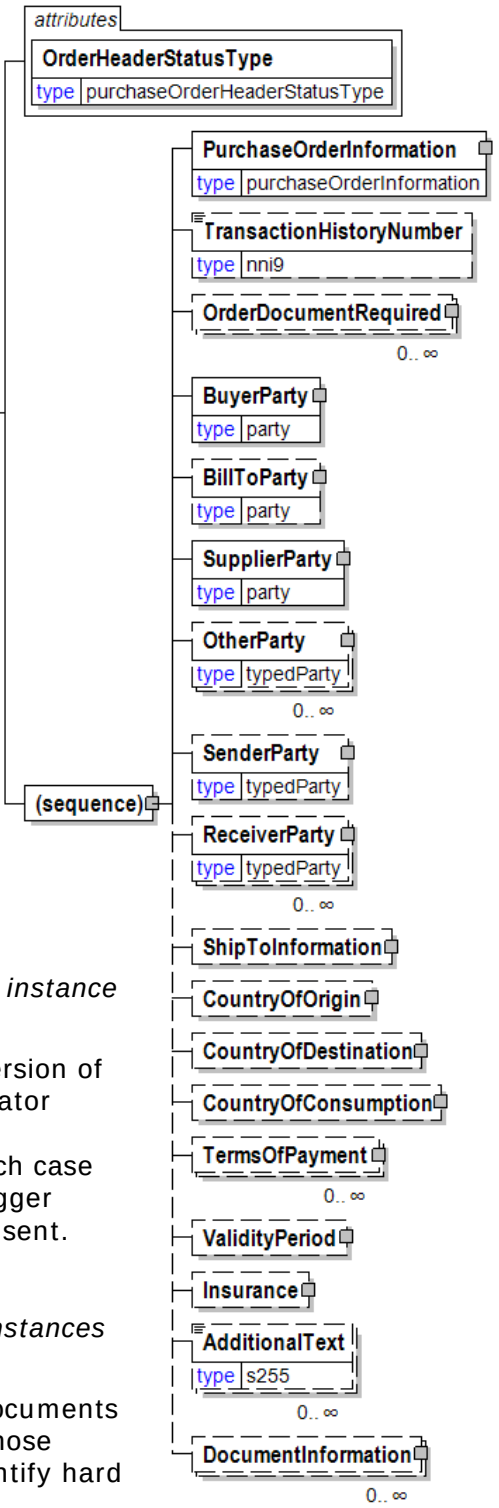
PurchaseOrderWoodSummary

PurchaseOrderWoodSummary is optional. A single instance might exist.

Summary section of PurchaseOrderWood for wood vertical.

PurchaseOrderWoodHeader

PurchaseOrderWood Header



OrderHeaderStatusType [attribute]

OrderHeaderStatusType is mandatory. A single instance is required.

Defines the status of the PurchaseOrder header

Refer to OrderHeaderStatusType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PurchaseOrderInformation

PurchaseOrderInformation is mandatory. A single instance is required.

A group item containing information unique to this PurchaseOrder, which is provided by the buyer. PurchaseOrderInformation can be optional in the supply chain. Invoices are created without having a PurchaseOrder in Vendor Managed Inventory. Freight invoices also will not have a PurchaseOrder number.

TransactionHistoryNumber

TransactionHistoryNumber is optional. A single instance might exist.

A sequential number that keeps track of the version of a document being sent by the document originator except in the case where TransactionHistoryConfirmation is used, in which case the TransactionHistoryNumber refers to the trigger transaction for which the confirmation is being sent.

OrderDocumentRequired

OrderDocumentRequired is optional. Multiple instances might exist.

Group element used to identify any external documents that need to be referenced and how many of those documents are required. Typically, used to identify hard copy documents.

This element will be deprecated in the next version of papiNet. Use the DocumentInformation element instead.

BuyerParty

BuyerParty is mandatory. A single instance is required.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

BillToParty

BillToParty is optional. A single instance might exist.

The address where the invoice is to be sent.

SupplierParty

SupplierParty is mandatory. A single instance is required.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

SenderParty

SenderParty is optional. A single instance might exist.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is optional. Multiple instances might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

ShipToInformation

ShipToInformation is optional. A single instance might exist.

Group element containing information about the ship to and delivery of a product.

CountryOfOrigin

CountryOfOrigin is optional. A single instance might exist.

The country of origin for the material.

CountryOfDestination

CountryOfDestination is optional. A single instance might exist.

The country where the goods will be, or were, shipped to.

CountryOfConsumption

CountryOfConsumption is optional. A single instance might exist.

The country of consumption for the material.

TermsOfPayment

TermsOfPayment is optional. Multiple instances might exist.

A group item that contains agreed-to terms defining when, how, and under what conditions the payment is to be made.

When TermsOfPayment is optional; if omitted, TermsOfPayment is controlled through previous negotiation.

ValidityPeriod

ValidityPeriod is optional. A single instance might exist.

The validity period for a specific item, e.g. the validity period for an e-Document.

Insurance

Insurance is optional. A single instance might exist.

Group element containing information about insurance

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

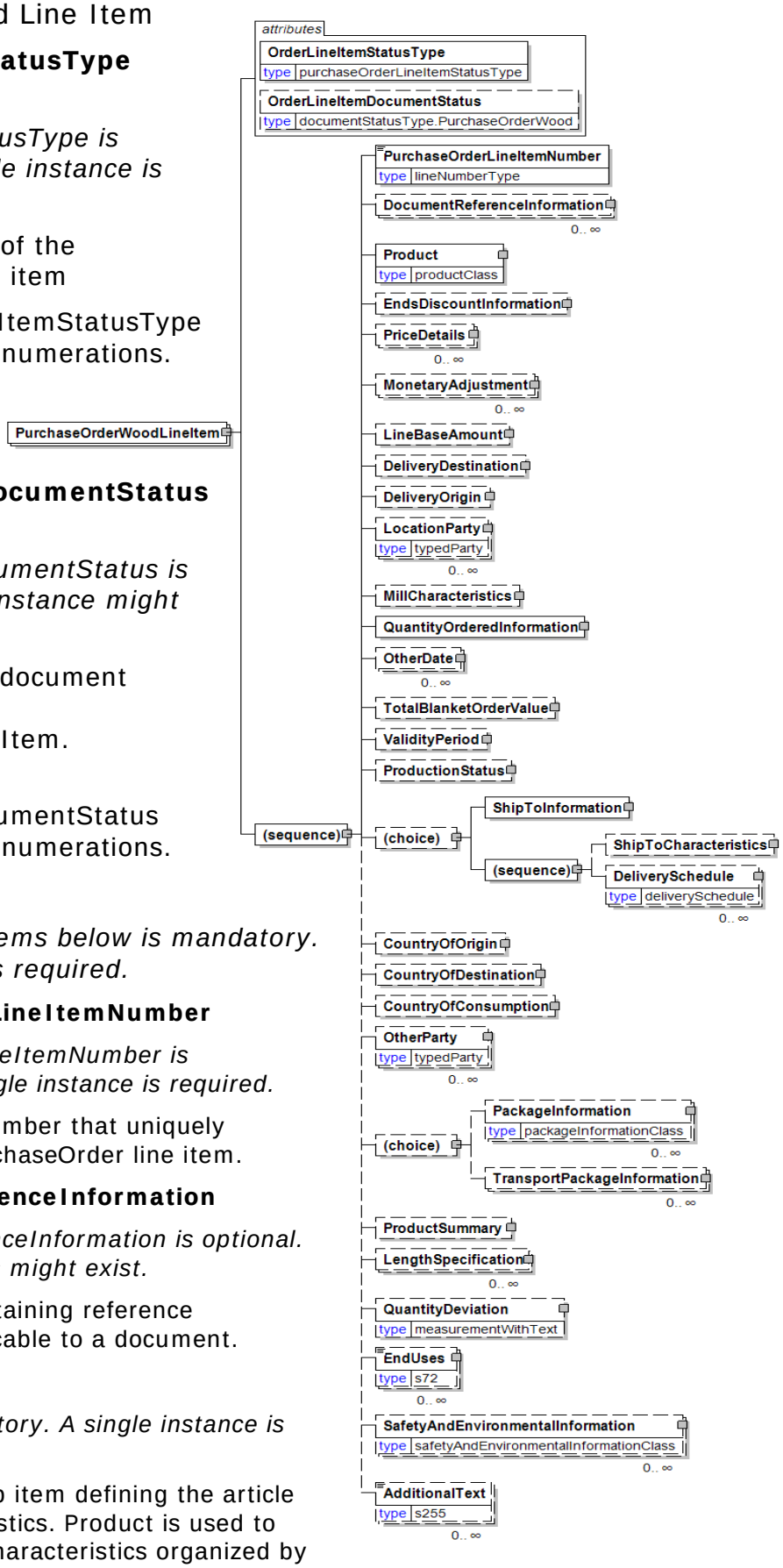
DocumentInformation

DocumentInformation is optional. Multiple instances might exist.

A group element containing a specification of required documents in the business process. Additional free text to be printed on documents can also be specified.

PurchaseOrderWoodLineItem

PurchaseOrderWood Line Item



OrderLineItemStatusType [attribute]

OrderLineItemStatusType is mandatory. A single instance is required.

Defines the status of the PurchaseOrder line item

Refer to OrderLineItemStatusType definition for any enumerations.

OrderLineItemDocumentStatus [attribute]

OrderLineItemDocumentStatus is optional. A single instance might exist.

Defines the actual document status for the PurchaseOrderLineItem.

Refer to OrderLineItemDocumentStatus definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber is mandatory. A single instance is required.

The sequential number that uniquely identifies the PurchaseOrder line item.

DocumentReferenceInformation

DocumentReferenceInformation is optional. Multiple instances might exist.

A group item containing reference information applicable to a document.

Product

Product is mandatory. A single instance is required.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market

segments have defined their product characteristics and conversion features for implementation in papiNet.

EndsDiscountInformation

EndsDiscountInformation is optional. A single instance might exist.

Rule for calculating the ends discount, expressed by a code.

PriceDetails

PriceDetails is optional. Multiple instances might exist.

An element that groups together price information.

MonetaryAdjustment

MonetaryAdjustment is optional. Multiple instances might exist.

The element containing the information necessary for the understanding, calculation, and treatment of an adjustment to a currency amount. MonetaryAdjustment contains an attribute that indicates they type of adjustment being communicated.

LineBaseAmount

LineBaseAmount is optional. A single instance might exist.

For the particular e-Document being communicated the LineBaseAmount represents the quantity times the base unit price.

DeliveryDestination

DeliveryDestination is optional. A single instance might exist.

The DeliveryDestination specifies the end of one leg of the delivery. In order to comply with the US Trade Act of 2002 you would use this element with a LocationParty/@PartyType of Port.

DeliveryOrigin

DeliveryOrigin is optional. A single instance might exist.

A group item that represents the start of one leg in a route. Compare to DeliveryDestination.

The DeliveryOrigin specifies the start of one leg of the delivery.

In order to comply with the US Trade Act of 2002 you would use this element with a LocationParty/@PartyType of Port.

LocationParty

LocationParty is optional. Multiple instances might exist.

The organization or business entity where the business event took place or will take place.

MillCharacteristics

MillCharacteristics is optional. A single instance might exist.

A group item defining the mill party and machine identifier where a product is or was produced.

QuantityOrderedInformation

QuantityOrderedInformation is mandatory. A single instance is required.

Used to identify quantity. The construct provides via InformationalQuantity the ability to provide the Quantity in another UOM. Length is also provided to further specify the quantity.

OtherDate

OtherDate is optional. Multiple instances might exist.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

TotalBlanketOrderValue

TotalBlanketOrderValue is optional. A single instance might exist.

The authorized amount of the blanket PurchaseOrder.

ValidityPeriod

ValidityPeriod is optional. A single instance might exist.

The validity period for a specific item, e.g. the validity period for an e-Document.

ProductionStatus

ProductionStatus is optional. A single instance might exist.

A group item used to communicate the release of a delivery line number.

(choice)

[choice] is optional because of choice construct.

ShipToInformation

ShipToInformation is optional because of choice construct.

Group element containing information about the ship to and delivery of a product.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ShipToCharacteristics

ShipToCharacteristics is optional. A single instance might exist.

A group item that provides information important for the Ship-To Party.

ShipToCharacteristics may be referenced at both the header and line item level. The reference at the header is required and acts as a default for the value at the line level, unless overridden at the line level.

DeliverySchedule

DeliverySchedule is optional. Multiple instances might exist.

A group item defining a series of DeliveryDateWindow(s) in which specified quantities must be delivered.

CountryOfOrigin

CountryOfOrigin is optional. A single instance might exist.

The country of origin for the material.

CountryOfDestination

CountryOfDestination is optional. A single instance might exist.

The country where the goods will be, or were, shipped to.

CountryOfConsumption

CountryOfConsumption is optional. A single instance might exist.

The country of consumption for the material.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

(choice)

[choice] is optional because of choice construct.

PackageInformation

PackageInformation is optional because of choice construct.

The purpose of the PackageInformation structure is to clearly identify physical handling items that constitute the delivery.

PackageInformation is the highest level of product packaging it describes the shipping or warehousing unit.

If you are communicating a package, usually for logistics or transport purposes, you should include the PackageType, Identifier, ItemCount, and Quantity. (Note: you still have the ability to describe the item with one of the “named” items.)

If you are communicating one of the named Items there is no need to include PackageType, Identifier, ItemCount, and Quantity.

Since either of these two approaches can be used the entie contents of this element are optional even though the parent may be required. It is expected that you will fill in the appropriate details.

TransportPackageInformation

TransportPackageInformation is optional because of choice construct.

Information of a package used in transportation, can include several normal packages.

ProductSummary

ProductSummary is optional. A single instance might exist.

Group of elements to provide summary information on product level.

LengthSpecification

LengthSpecification is optional. Multiple instances might exist.

Length specification of the wood product.

QuantityDeviation

QuantityDeviation is optional. A single instance might exist.

To be deprecated in a future version. Use the Quantity element with a QuantityContext of "Deviation".

EndUses

EndUses is optional. Multiple instances might exist.

A text element used to express in human readable form a list of applicable end uses for a product. Examples of end uses are:

Magazine

Book

Commercial print

etc

SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency).

AdditionalText

AdditionalText is optional. Multiple instances might exist.

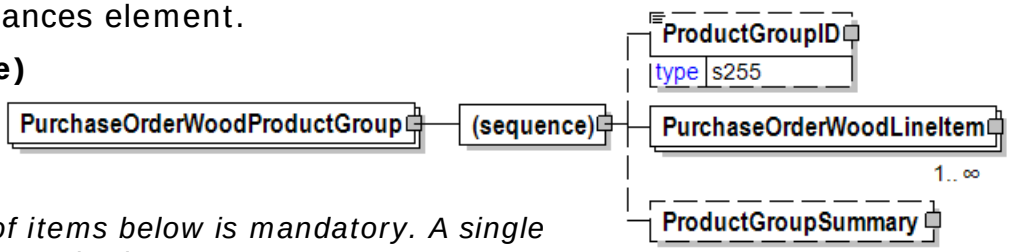
A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

PurchaseOrderWoodProductGroup

PurchaseOrderWoodProductGroupis a required, multiple instances element.

(sequence)

The



sequence of items below is mandatory. A single instance is required.

ProductGroupID

ProductGroupID is optional. A single instance might exist.

Possibility to group packages or Shipments. Example: Creating temporary group ID's for logistic reasons or lot number.

PurchaseOrderWoodLineItem

PurchaseOrderWoodLineItem is mandatory. One instance is required, multiple instances might exist.

PurchaseOrderWood Line Item

ProductGroupSummary

ProductGroupSummary is optional. A single instance might exist.

Group of elements to provide summary information on product level.

PurchaseOrderWoodSummary

Summary section of PurchaseOrderWood for wood vertical.

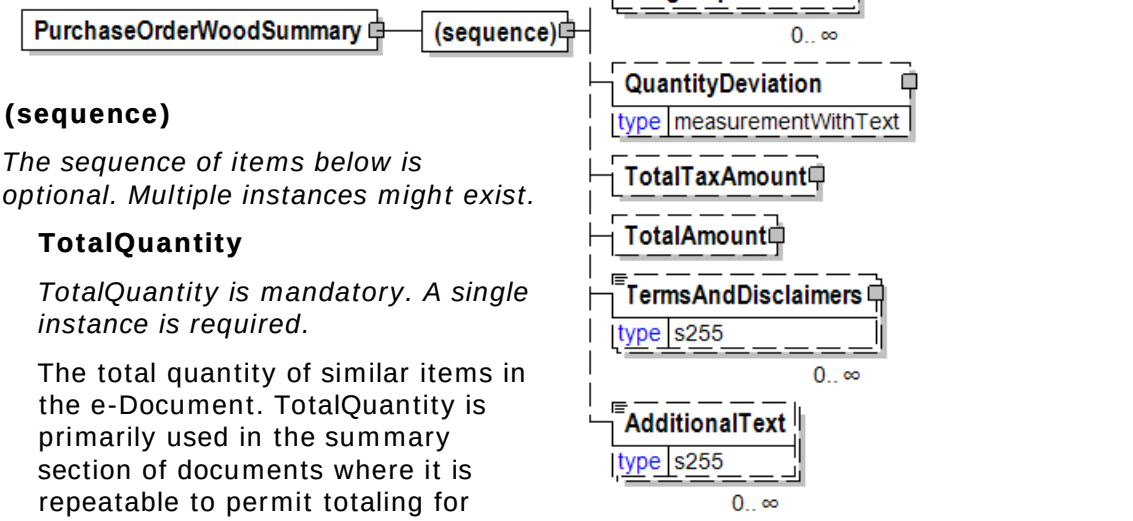
(sequence)

The sequence of items below is mandatory. A single instance is required.

TotalNumberOfLineItems

TotalNumberOfLineItems is optional. A single instance might exist.

The total number of individual line items in the document, regardless of the status or type.



(sequence)

The sequence of items below is optional. Multiple instances might exist.

TotalQuantity

TotalQuantity is mandatory. A single instance is required.

The total quantity of similar items in the e-Document. TotalQuantity is primarily used in the summary section of documents where it is repeatable to permit totaling for different units of measure.

TotalInformationalQuantity

TotalInformationalQuantity is optional. Multiple instances might exist.

A quantity that is used to communicate related information about the parent element. This element represents a total that is derived from individual line items.

ProductSummary

ProductSummary is optional. A single instance might exist.

Group of elements to provide summary information on product level.

LengthSpecification

LengthSpecification is optional. Multiple instances might exist.

Length specification of the wood product.

QuantityDeviation

QuantityDeviation is optional. A single instance might exist.

To be deprecated in a future version. Use the Quantity element with a QuantityContext of "Deviation".

TotalTaxAmount

TotalTaxAmount is optional. A single instance might exist.

The CurrencyValue of TotalTaxAmount contains the sum of all instances of

TaxAdjustment in the document. TotalTaxAmount contains the sum of all instances of the MonetaryAdjustmentAmount for tax adjustments.

TotalAmount

TotalAmount is optional. A single instance might exist.

The total amount including tax (when tax is specified in the e-Document).

In e-Documents claiming payment this is the amount due for payment based on the terms of payment. Decimal rounding might be applied to this amount.

TermsAndDisclaimers

TermsAndDisclaimers is optional. Multiple instances might exist.

An element that contains legal information with an indication of what the Language is.

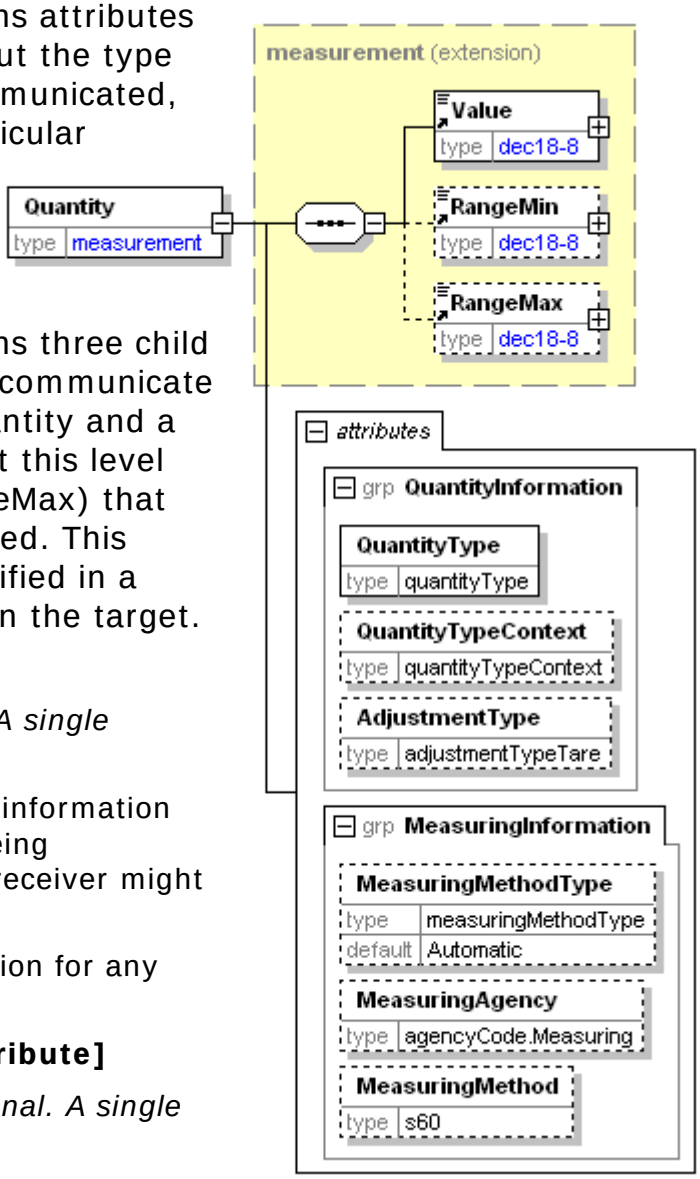
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

Quantity

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.



The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

QuantityType [attribute]

QuantityType is mandatory. A single instance is required.

QuantityType communicates information about the type of quantity being communicated and how the receiver might use the information.

Refer to QuantityType definition for any enumerations.

QuantityTypeContext [attribute]

QuantityTypeContext is optional. A single instance might exist.

Provides the location in the value chain where the quantity is being reported.

Refer to QuantityTypeContext definition for any enumerations.

AdjustmentType [attribute]

AdjustmentType is optional. A single instance might exist.

Describes the type of adjustment associated with a quantity.

Refer to AdjustmentType definition for any enumerations.

MeasuringMethodType [attribute]

MeasuringMethodType is optional. A single instance might exist.

Specifies how a measurement value is created.

Refer to MeasuringMethodType definition for any enumerations.

MeasuringAgency [attribute]

MeasuringAgency is optional. A single instance might exist.

The agency defining measuring methods.

Refer to MeasuringAgency definition for any enumerations.

MeasuringMethod [attribute]

MeasuringMethod is optional. A single instance might exist.

The method used to determine how the item under consideration is measured.Measuring methods are defined by the measuring agency.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

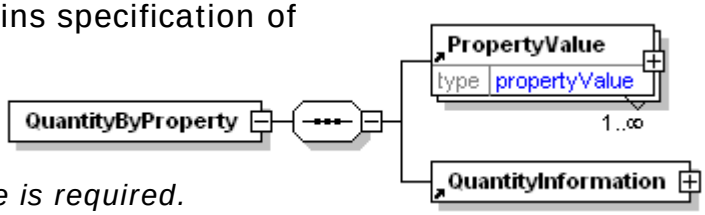
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

QuantityByProperty

A grouping element that contains specification of quantities per property value.



(sequence)

The sequence of items below is mandatory. A single instance is required.

PropertyValue

PropertyValue is mandatory. Multiple instances might exist.

Specifies a value for a property of an item. The property is defined by the attribute PropertyType. The attribute MeasuringMethod and MeasuringAgency can be used to clarify details for a how a property is measured or calculated, e.g. Diameter for a saw log can be measured “Under Bark” or “Over Bark”. The attribute MeasuringMethodType defines how the value is created, e.g. measured automatically, calculated etc. The attribute IsAverageValue indicates if the value is an average value or not.

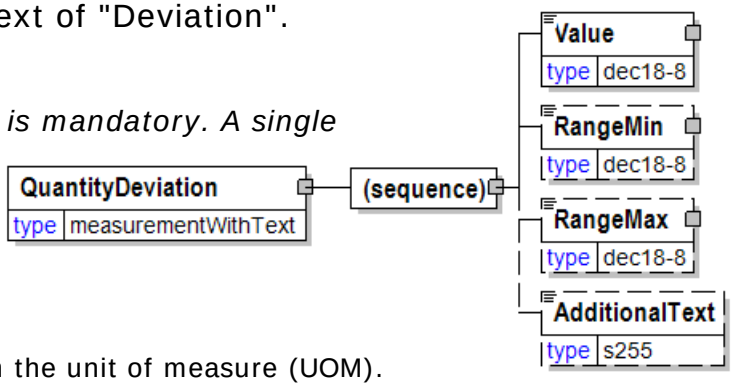
QuantityInformation

QuantityInformation is mandatory. A single instance is required.

A group item containing information about quantity and informational quantity of similar items.

QuantityDeviation

To be deprecated in a future version. Use the Quantity element with a QuantityContext of "Deviation".



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

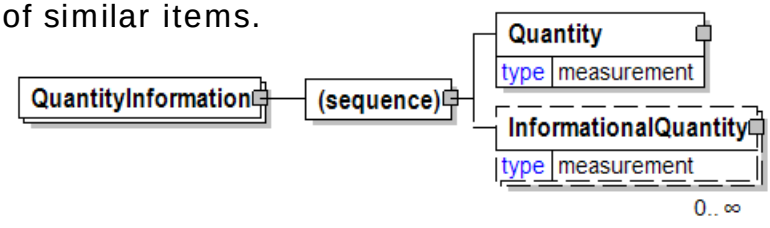
AdditionalText

AdditionalText is optional. A single instance might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

QuantityInformation

A group item containing information about quantity and informational quantity of similar items.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the

target.

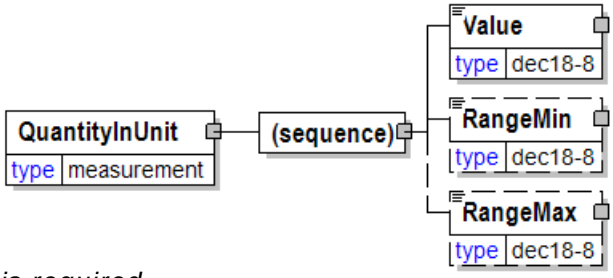
InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

QuantityInUnit

Used to identify the number of items packed within this package unit.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

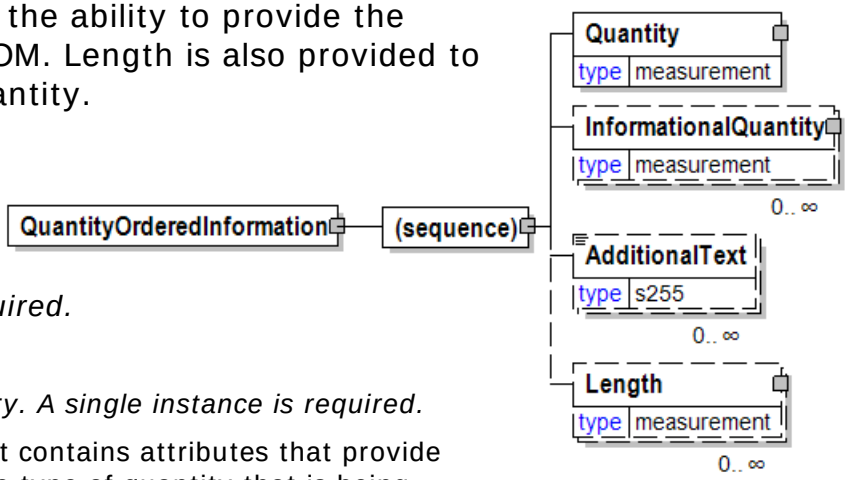
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

QuantityOrderedInformation

Used to identify quantity. The construct provides via InformationalQuantity the ability to provide the Quantity in another UOM. Length is also provided to further specify the quantity.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular

quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

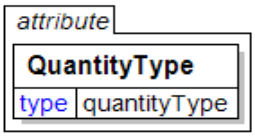
Length

Length is optional. Multiple instances might exist.

The length of the object.

QuantityType [attribute]

QuantityType communicates information about the type of quantity being communicated and how the receiver might use the information.



This item is restricted to the following list.

ActualVolume

Actual product space.

AirDryWeight

Contains a normal amount of moisture.

Area

A number that represents the length multiplied by the width is being communicated.

BoneDry

Contains insignificant moisture.

Count

The number of items.

Distance

The quantity being communicated is a distance.

GrossWeight

The weight including all packaging and furnishing. The gross weight of the

deliveries includes tare weight.
Note: In Forest Wood Supply business the quantity type GrossWeight is used in contexts when the weight of an item is not directly linked to a product. The gross weight of the item is then the weight before removal of rejects and other deductions. See also the definition of quantity type NetNetWeight.

Energy

The quantity represents energy content.

Length

The length of the object.

LogisticsGrossWeight

The total weight of the goods and the tare weight of the vehicle including transport units.

LogisticsNetWeight

The tare weight of the vehicle including transport units.

LogPileGrossVolume

The volume of a pile of logs, including gaps and before removal of rejects and other deductions.
Note: In Forest Wood Supply business the quantity type LogPileGrossVolume is used in contexts when the volume of the log pile is not directly linked to a product. See also the definition of quantity type LogPileVolume.

LogPileVolume

The volume of a pile of logs, including gaps. The product specification defines what is included in this volume, for example if rejects or other deductions are included or not. See also the definition of quantity type LogPileGrossVolume.

NetWeight

The net weight of the product is being used, does not include tare weights. May include certain conversion components.

NetNetWeight

The net weight of the product without any packaging or conversion materials.
Note: In Forest Wood Supply business the product specification defines what is included in this net weight, for example if rejects or other deductions are included or not. See also the definition of quantity type GrossWeight.

NominalWeight

A calculated weight that is derived from another measurement. For example, the length of paper multiplied by the specified basis weight could be used to derive a nominal weight.

Percent

The number being communicated is a percentage.

RunningLength

The length of the reel.

ShortLengthVolume

SolidWoodGrossVolume

The volume of logs, stems, chips, etc. without bark and gaps and before removal of rejects and other deductions.
Note: In Forest Wood Supply business the quantity type SolidWoodGrossVolume is used in contexts when the volume of the item is not directly linked to a product. See also the definition of quantity type SolidWoodVolume.

SolidWoodVolume

The volume of logs, stems, chips, etc. without bark and gaps. The product specification defines what is included in this volume, for example if rejects or other deductions are included or not. See also the definition of quantity type SolidWoodGrossVolume.

TareWeight

The weight of the previously agreed to packaging and furnishing.

Time

The number being communicated represents an amount of time.

TippedLooseVolume

The volume of tipped loose content, including gaps. Often used as a quantity type for piles of chips, sawdust, etc.

Volume

WoodGrossVolume

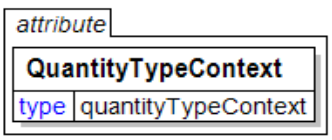
The volume of logs, stems, chips, etc. without gaps but including bark and before removal of rejects and other deductions.
Note: In Forest Wood Supply business the quantity type WoodGrossVolume is used in contexts when the volume of the item is not directly linked to a product. See also the definition of quantity type WoodVolume.

WoodVolume

The volume of logs, stems, chips, etc. without gaps but including bark. The product specification defines what is included in this volume, for example if rejects or other deductions are included or not. See also the definition of quantity type WoodGrossVolume.

QuantityTypeContext [attribute]

Provides the location in the value chain where the quantity is being reported.



This item is restricted to the following list.

AgreedToClaimValue

A quantity that has been agreed to as a result of a claim.

Allocated

A quantity put aside, in general terms for a particular customer, process, or use. (Compare to “Reserved”.)

AllowableSpoilage

Specifies the manufacturing spoilage quantity that the publisher, or other

involved party, will allow.

Balance

A remaining quantity.

CalledOff

A quantity put aside to be sent to the customer on a call off.

Consumed

Consumed in manufacturing

Contracted

A quantity that has been agreed, e.g. in a contract.

Credited

A quantity for which a credit has been issued.

CutOff

A quantity that has been cut off.

Damaged

A quantity that has been damaged.

Delivered

Delivered to the ship-to location.

Destroyed

The product, for secure reasons, has been made unusable both for content and the actual product.

Deviation

Used to identify the deviation quantity accepted for this product.

Quantity deviation is partly an ancient/traditional thing in timber trade and refers more to sea transport than others. Quantity deviation can concern both line level quantities and total quantities. Total quantity deviation is meant to really restrict volumes to exceed ship's capacity.

Example Quantity deviations used for total quantities are:

CA./Max: for example, CA./max 1000 M3 = maximum quantity 1000 m3, but can be -10 % less (so 900 - 1000 m3 in this case)

Min but Max: for example, min 45 max 50 m3 = volume to be between 45 and 50

Min/Max: for example, min/max 500 m3 = have to be roughly accurate 500 m3

CA: for example, CA 500 m3 = +-10 % (450 - 550 m3)

In some contracts, at the line level, it is said that product level variation can be +- 10% (at the same time we can have deviation for total quantity)

For example: You can have +-10 % volumes in line levels but total quantity must meet the following requirement - Min/Max 1000 m3.

Forecasted

A quantity that is predicted during follow-up of an existing plan. Not to be used for quantities that are derived from a planning process, please see Planned.

Freight

The quantity to be used for freight costing.

Handled

The quantity moved, e.g. in a warehouse, or otherwise handled in a logistics or material handling capacity.

Imposed

Quantity of pages after arrangement of the printed product's pages on the printer's sheet.

Intransit

A quantity that is undergoing the transportation process and is (usually) not available for immediate use.

Invoiced

The number to be used when preparing the invoice.

Loaded

A quantity that is loaded on a transport vehicle but has not left. That is, not in-transit yet.

Measured

A quantity that has been measured by a Measuring Party.

MeasuredCorrected

A measured quantity that has been corrected based on measuring statistics for populations of products.

OnHand

In available inventory at the storage location.

Ordered

A PurchaseOrder has been placed for the product.

Packed

A quantity that is prepared for storage or, transport or, some other state from which it has to be unpacked (work applied) in order to use it.

Planned

A quantity that is derived from a planning process. Not to be used for quantities predicted during follow-up of an existing plan, please see Forecasted.

Produced

The quantity added to stock through a manufacturing or conversion process.

Rejected

A quantity that has been rejected.

Released

The quantity that has been authorized to be moved on to the next stage or phase in the manufacturing process or supply chain.

Reorder

A quantity that has been ordered.

ReorderPoint

A quantity on hand below which triggers a re-order.

Reserved

A quantity assigned to a specific customer order, job order, or delivery order. (Compare to “Allocated”.)

Scrapped

Scrapped specifies that a product has been removed from inventory at the location where warehoused and has not been shipped to the owner.

Stored

The quantity refers to goods which have been stored in a warehouse, terminal etc.

Tested

A quantity that is analysed, e.g. the quantity of a random sample taken for measuring of product properties.

Transported

The quantity that is transported in logistics business.

Trimmed

A quantity that has been scheduled for production on a winder or a sheeter as part of the manufacturing process.

Unloaded

A quantity removed from a transport vehicle.

UnspecifiedDamage

Damage is being communicated in the element. In order to understand the type of damage the AdjustmentType will need to be considered.

ValueClaimed

A quantity that relates to the value claimed.

VendorSupplied

A quantity that is vendor supplied.

Wound

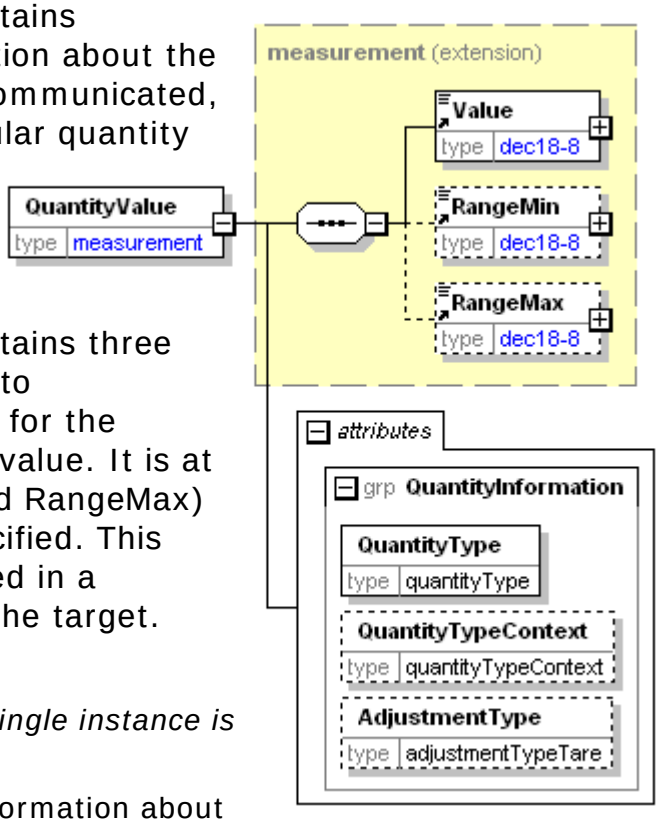
A quantity that has been placed in a reel form or otherwise put on a core.

Wrapped

A quantity that has been protectively covered in preparation for storage or shipment.

QuantityValue

The QuantityValue element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.



The QuantityValue element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

QuantityType [attribute]

QuantityType is mandatory. A single instance is required.

QuantityType communicates information about the type of quantity being communicated and how the receiver might use the information.

Refer to QuantityType definition for any enumerations.

QuantityTypeContext [attribute]

QuantityTypeContext is optional. A single instance might exist.

Provides the location in the value chain where the quantity is being reported.

Refer to QuantityTypeContext definition for any enumerations.

AdjustmentType [attribute]

AdjustmentType is optional. A single instance might exist.

Describes the type of adjustment associated with a quantity.

Refer to AdjustmentType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

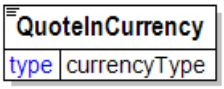
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

QuoteInCurrency

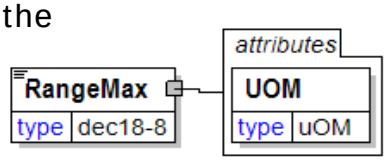
Indicates that the quote is to be provided in the currency specified.



A three-character ISO 4217 currency code in capital letters. The ISO standard classification for currencies. Refer to the ISO standard for information about the choices for the attribute's enumerations.

RangeMax

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)



UOM [attribute]

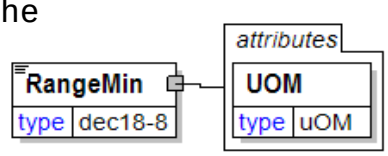
UOM is mandatory. A single instance is required.

Defines the unit of measure for the value.

Refer to UOM definition for any enumerations.

RangeMin

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.



UOM [attribute]

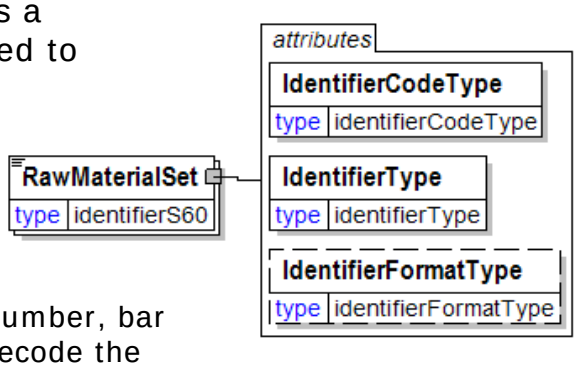
UOM is mandatory. A single instance is required.

Defines the unit of measure for the value.

Refer to UOM definition for any enumerations.

RawMaterialSet

This identifier derived element indicates a grouping of raw materials that were used to manufacture the product.



IdentifierCodeType [attribute]

IdentifierCodeType is mandatory. A single instance is required.

Defines the type of product identifier used (for example, reel number, ream number, bar code). This code type specifies how to decode the identifier value.

Refer to IdentifierCodeType definition for any enumerations.

IdentifierType [attribute]

IdentifierType is mandatory. A single instance is required.

This attribute specifies whether the Identifier is the primary way to identify the product or a secondary way. Only one of the given identifiers can be primary. In addition, this attribute also specifies the physical support used to code the identifier (for example, a Radio Frequency (RF) Tag).

Refer to IdentifierType definition for any enumerations.

IdentifierFormatType [attribute]

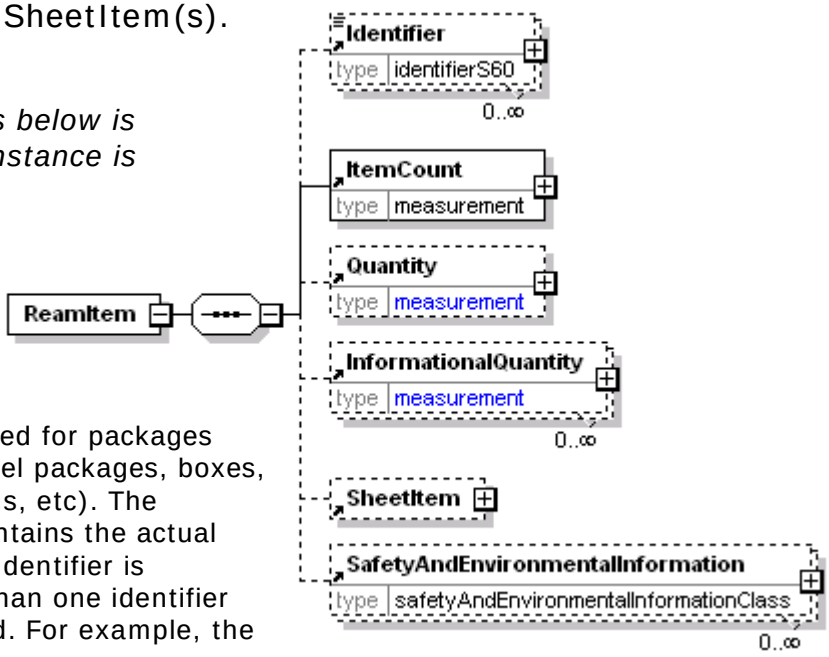
IdentifierFormatType is optional. A single instance might exist.

IdentifierFormatType defines the technical format used to make an IdentifierCodeType readable by technical devices or humans. The IdentifierCodeType specifies how to decode the identifier value

Refer to IdentifierFormatType definition for any enumerations.

ReamItem

A wrapped quantity of SheetItem(s).



(sequence)

The sequence of items below is mandatory. A single instance is required.

Identifier

Identifier is optional. Multiple instances might exist.

An Identifier is required for packages and items (pallets, reel packages, boxes, ream items, reel items, etc). The Identifier element contains the actual item identifier code. Identifier is repeatable so more than one identifier can be communicated. For example, the

printed identifier on a label may be different from the barcode printed on the label.

ItemCount

ItemCount is mandatory. A single instance is required.

A count of the number of items (examples: a count of the number of boxes on a pallet or of reams in a box).

Quantity

Quantity is optional. A single instance might exist.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

SheetItem

SheetItem is optional. A single instance might exist.

A group item consisting potentially of the date the sheets were converted into sheets and/or packaged or finished.

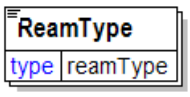
SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency.

ReamType

The textual description of the method used to make up the reams..



This item is restricted to the following list.

Any

Any ream type is acceptable

BoxedWithInnerReam

Boxed with inner ream

BoxedWithoutInnerReam

Boxed without inner ream

BulkPackedNonTabbed

Sheets are packed without ream wrapping and without sheet count markers.

BulkPackedTabbed

Sheets are packed without ream wrapping, but with sheet count markers at predefined intervals.

ReamWrapped

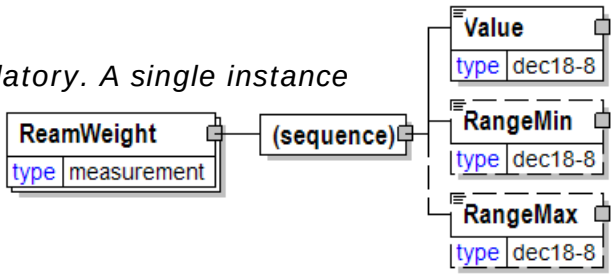
Sheets are packed ream wrapped

ReamWeight

The target weight of a ream of paper.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

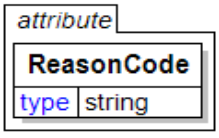
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

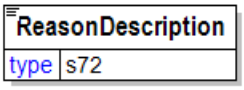
ReasonCode [attribute]

Free-form text providing the Reason Code for the item. An Agency attribute may exist at the same level as this attribute to provide an indication of the nature of the text.



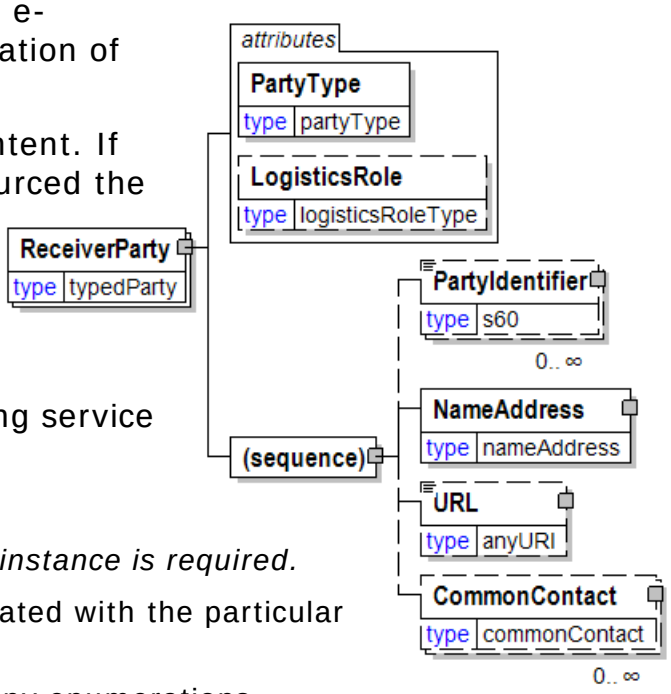
ReasonDescription

Text associated with a particular ReasonIdentifier



ReceiverParty

The business entity for whom the e-Document is intended, the destination of the document.



The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

PartyType [attribute]

PartyType is mandatory. A single instance is required.

Identifies the business role associated with the particular party

Refer to PartyType definition for any enumerations.

LogisticsRole [attribute]

LogisticsRole is optional. A single instance might exist.

Communicates the nature of the logistics role, if any, the party plays in the transaction.

Refer to LogisticsRole definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PartyIdentifier

PartyIdentifier is optional. Multiple instances might exist.

A unique identifier of a specific party. This element contains an attribute PartyIdentifierType that indicates the type of party.

NameAddress

NameAddress is mandatory. A single instance is required.

A group item containing name and address of an organisation or business entity.

URL

URL is optional. A single instance might exist.

Universal Resource Locator. While typically a web address you could use this field to hold an email address.

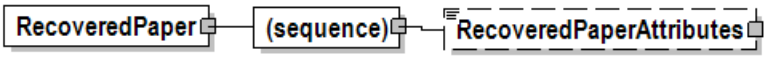
CommonContact

CommonContact is optional. Multiple instances might exist.

Identifies a specific individual associated with the party.

RecoveredPaper

A group item defining the characteristics of recycled fibre that are not dependent on a particular conversion process.



(sequence)

The sequence of items below is mandatory. A single instance is required.

RecoveredPaperAttributes

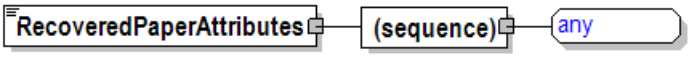
RecoveredPaperAttributes is optional. A single instance might exist.

The attributes of Recovered Paper.

RecoveredPaperAttributes

The attributes of Recovered Paper.

(sequence)



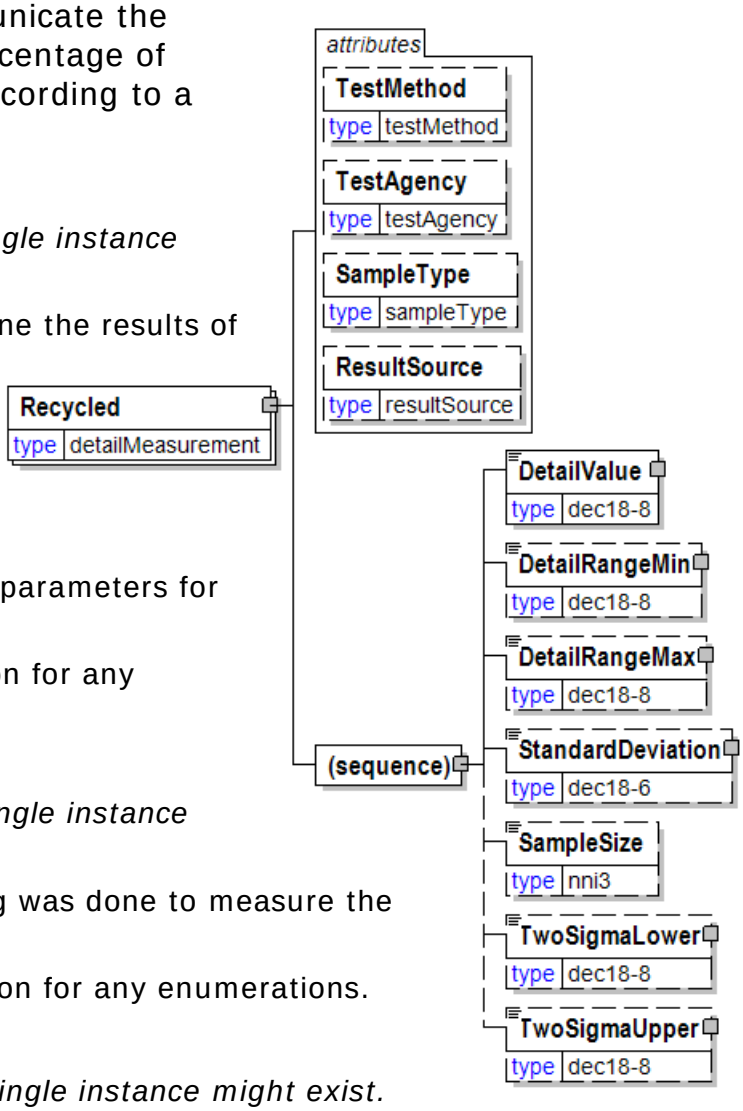
The sequence of items below is mandatory. A single instance is required.

[Any Type]

Any type of content is permitted at this point.

Recycled

A group item used to communicate the target or test value total percentage of waste fibre in the product according to a particular TestMethod.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

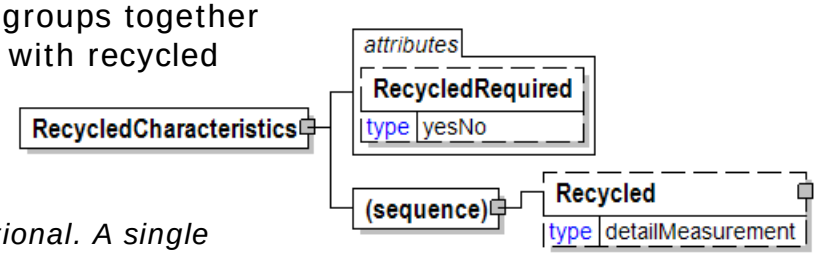
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

RecycledCharacteristics

RecycledCharacteristics groups together the concepts associated with recycled material.



RecycledRequired [attribute]

RecycledRequired is optional. A single instance might exist.

Indicates if Recycled Material is required

Refer to RecycledRequired definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Recycled

Recycled is optional. A single instance might exist.

A group item used to communicate the target or test value total percentage of waste fibre in the product according to a particular TestMethod.

RecycledRequired [attribute]

Indicates if Recycled Material is required

This item is restricted to the following list.

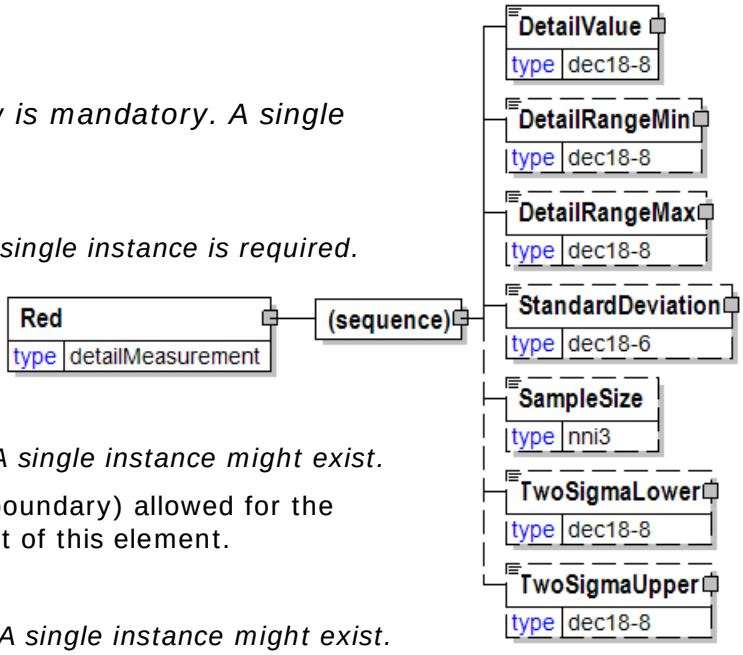


Yes

No

Red

The “Red” portion of the method of representing colour termed RGB.



(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

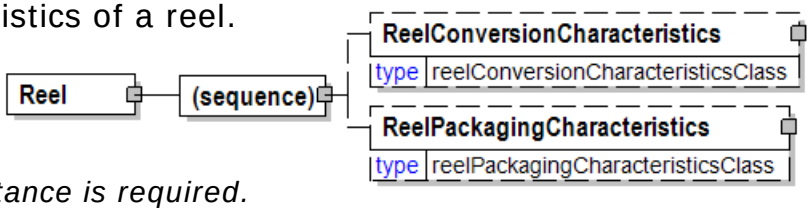
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

Reel

A group item that contains the conversion and packaging characteristics of a reel.



(sequence)

The sequence of items below is mandatory. A single instance is required.

ReelConversionCharacteristics

ReelConversionCharacteristics is optional. A single instance might exist.

A group item that lists the conversion elements describing how a reel is converted from a tambour.

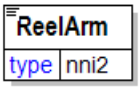
ReelPackagingCharacteristics

ReelPackagingCharacteristics is optional. A single instance might exist.

A group item that lists the packaging elements describing how a reel should be packed.

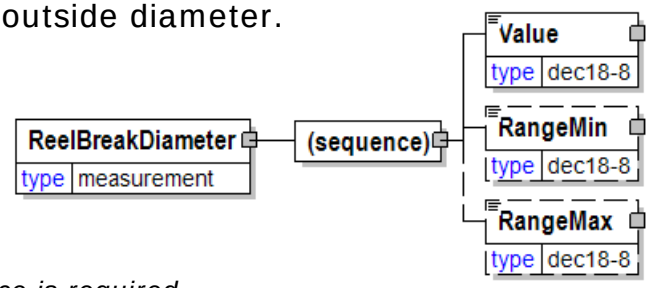
ReelArm

The reel arm number.



ReelBreakDiameter

The diameter of a reel at which the web break occurred. This is measured from the core to outside diameter.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

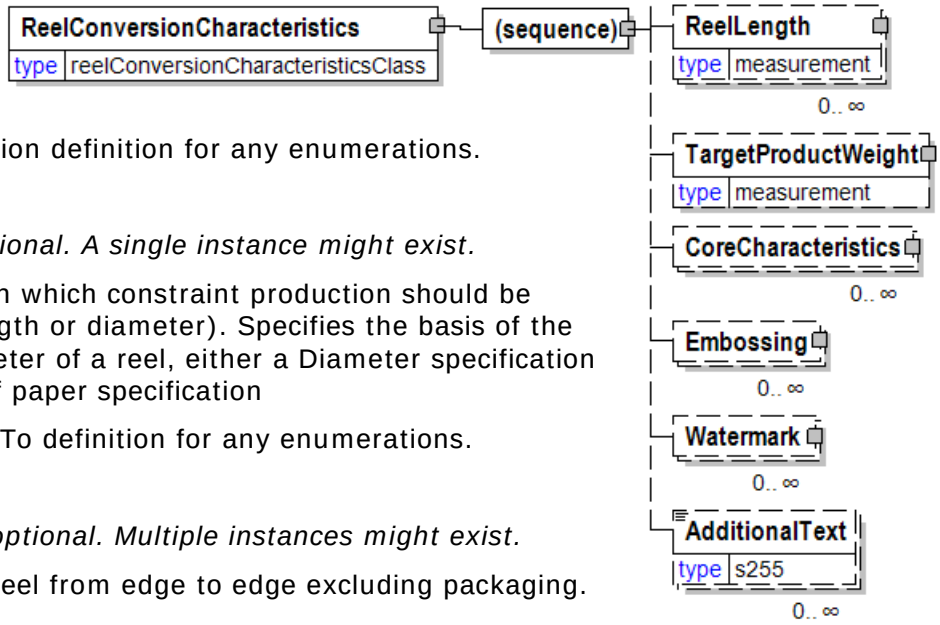
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

ReelConversionCharacteristics

A group item that lists the conversion elements describing how a reel is converted from a tambour.



(sequence)

The sequence of items below is mandatory. A single instance is required.

ConversionCode

ConversionCode is optional. A single instance might exist.

A code, as assigned by an Agency, used to identify a group of conversion characteristics.

WindingDirection

WindingDirection is optional. A single instance might exist.

An element that indicates how the material is wound on the reel.

Refer to WindingDirection definition for any enumerations.

MakeTo

MakeTo is optional. A single instance might exist.

Indicates upon which constraint production should be based on (length or diameter). Specifies the basis of the finished diameter of a reel, either a Diameter specification or a Length of paper specification

Refer to MakeTo definition for any enumerations.

ReelWidth

ReelWidth is optional. Multiple instances might exist.

The width of reel from edge to edge excluding packaging.

ReelDiameter

ReelDiameter is optional. Multiple instances might exist.

The diameter measurement of reel excluding packaging.

ReelLength

ReelLength is optional. Multiple instances might exist.

The total length of the paper on the reel.

TargetProductWeight

TargetProductWeight is optional. A single instance might exist.

The desired weight of the finished product.

CoreCharacteristics

CoreCharacteristics is optional. Multiple instances might exist.

A group item that details information used to fully define a core.

Embossing

Embossing is optional. Multiple instances might exist.

Embossing requirements for sheets and reels. Embossing involves a physical deformation of the paper surface as part of the conversion process. Embossing is applied either in-line (directly after the paper machine) or off-line. Refer to the attribute FinishType for additional information.

Watermark

Watermark is optional. Multiple instances might exist.

Watermark information

AdditionalText

AdditionalText is optional. Multiple instances might exist.

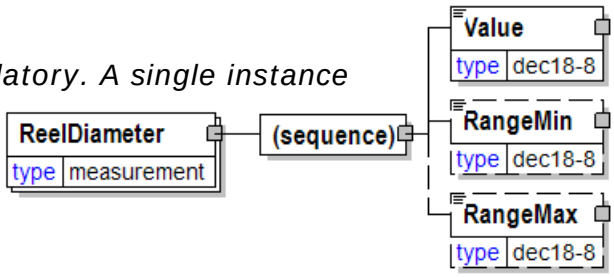
A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

ReelDiameter

The diameter measurement of reel excluding packaging.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

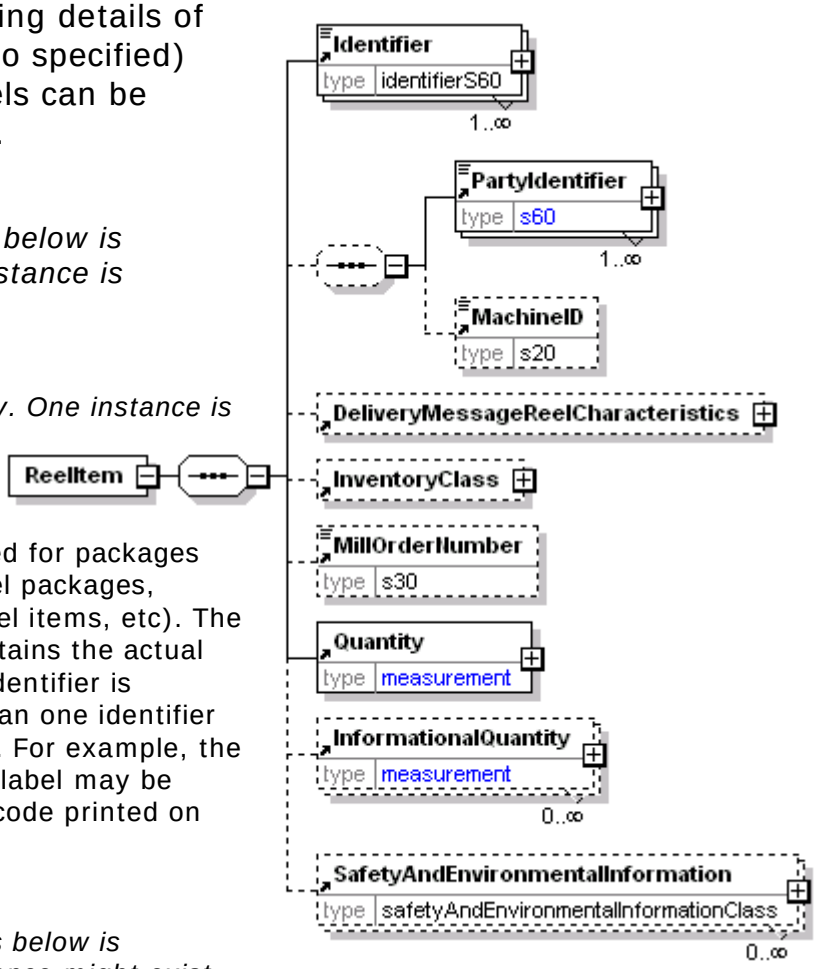
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

ReelItem

A group item representing details of an actual (as opposed to specified) reel. One or several reels can be contained in a package.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Identifier

Identifier is mandatory. One instance is required, multiple instances might exist.

An Identifier is required for packages and items (pallets, reel packages, boxes, ream items, reel items, etc). The Identifier element contains the actual item identifier code. Identifier is repeatable so more than one identifier can be communicated. For example, the printed identifier on a label may be different from the barcode printed on the label.

(sequence)

The sequence of items below is optional. A single instance might exist.

PartyIdentifier

PartyIdentifier is mandatory. One instance is required, multiple instances might exist.

A unique identifier of a specific party. This element contains an attribute PartyIdentifierType that indicates the type of party.

MachineID

MachineID is optional. A single instance might exist.

An identifier assigned to the particular machine being referenced. For example, a machine could be a paper machine, an off-line coater, a sheeter, or a printing press. The particular machine being referenced will be determined by the business event being supported.

DeliveryMessageReelCharacteristics

DeliveryMessageReelCharacteristics is optional. A single instance might exist.

A group item for actual measurement and manufacturing characteristics. DeliveryMessageReelCharacteristics is intended to indicate the actual measurements that apply to a reel.

InventoryClass

InventoryClass is optional. A single instance might exist.

A group item containing information about status of inventory and goods items.

MillOrderNumber

MillOrderNumber is optional. A single instance might exist.

The manufacturing order number the mill uses.

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

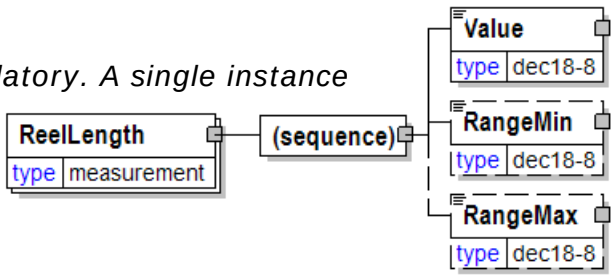
Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency.

ReelLength

The total length of the paper on the reel.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

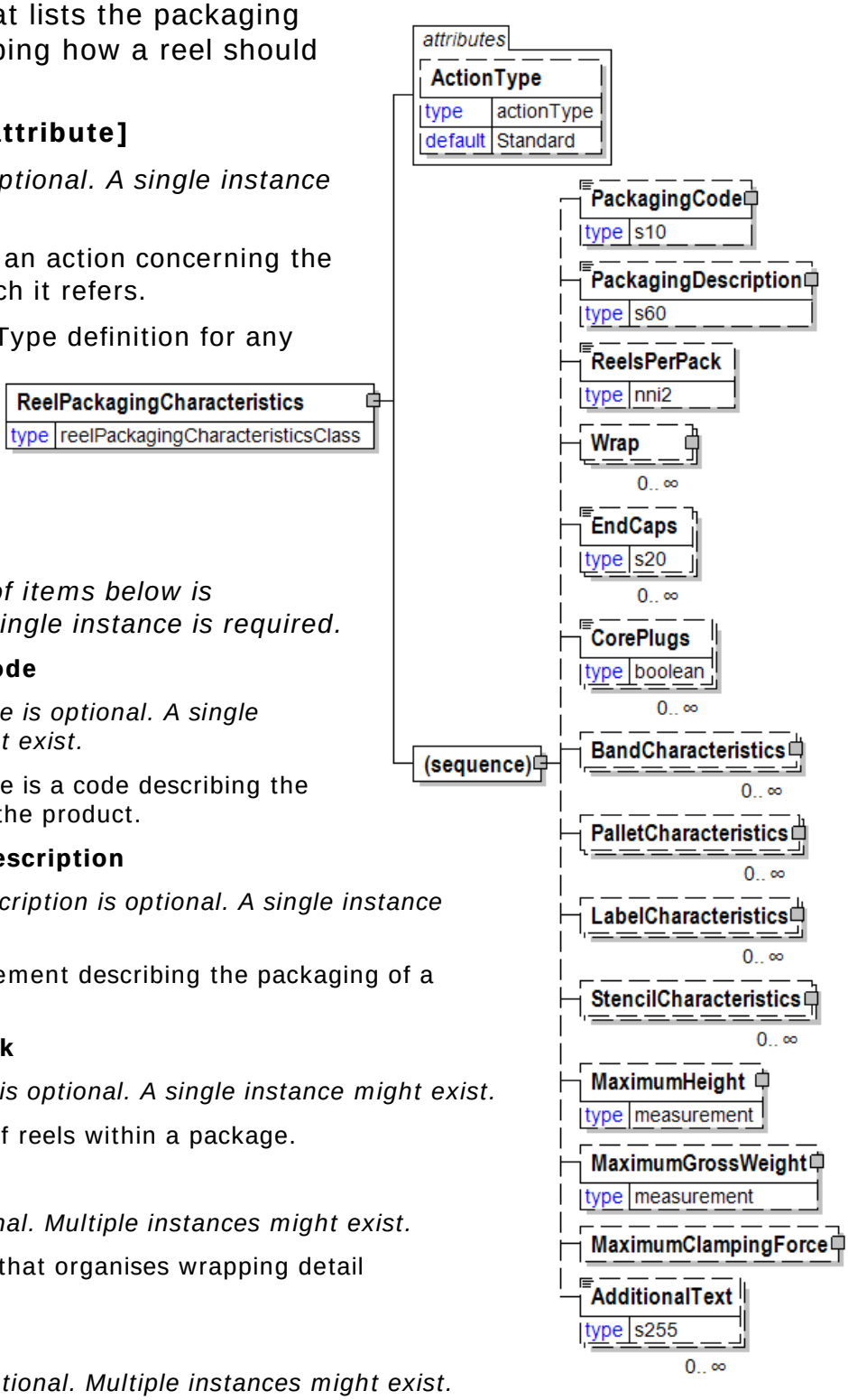
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

ReelPackagingCharacteristics

A group item that lists the packaging elements describing how a reel should be packed.



ActionType [attribute]

ActionType is optional. A single instance might exist.

Used to trigger an action concerning the element to which it refers.

Refer to ActionType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PackagingCode

PackagingCode is optional. A single instance might exist.

PackagingCode is a code describing the packaging of the product.

PackagingDescription

PackagingDescription is optional. A single instance might exist.

A text field element describing the packaging of a product.

ReelsPerPack

ReelsPerPack is optional. A single instance might exist.

The number of reels within a package.

Wrap

Wrap is optional. Multiple instances might exist.

A group item that organises wrapping detail information.

EndCaps

EndCaps is optional. Multiple instances might exist.

A cover to protect the ends of the reel, usually circle shaped and made from Kraft paper or plywood.

CorePlugs

CorePlugs is optional. Multiple instances might exist.

An element that indicates if plugs are to be inserted into the ends of the core. Core plugs can be made of various materials and are used to protect the core ends.

Note: A conversion error took place between Version 1.0 of papiNet and Version 2.0 of papiNet and this item was inadvertantly converted from true/false (1.0) to nni1 (2.0). this item has been reinstated to a boolean value. However, please note that for reasons of backward compatibility it is highly recommended that you use the 1/0 approach to communicating true or false where 1 = true and 0 = false. Our apologies for any issues.

BandCharacteristics

BandCharacteristics is optional. Multiple instances might exist.

A group item that organises the packaging band detail information.

PalletCharacteristics

PalletCharacteristics is optional. Multiple instances might exist.

A group item that provides pallet detail information.

LabelCharacteristics

LabelCharacteristics is optional. Multiple instances might exist.

A group item that organises the labeling information.

StencilCharacteristics

StencilCharacteristics is optional. Multiple instances might exist.

A group element specifying attributes of a stencil to be applied to an item, and optional text.

MaximumHeight

MaximumHeight is optional. A single instance might exist.

The maximum height allowed including the pallet.

MaximumGrossWeight

MaximumGrossWeight is optional. A single instance might exist.

The maximum weight allowed including the pallet.

MaximumClampingForce

MaximumClampingForce is optional. A single instance might exist.

Specifies maximum clamp force allowed during handling of an item.

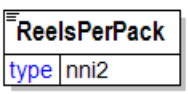
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

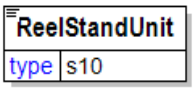
ReelsPerPack

The number of reels within a package.



ReelStandUnit

The reelstand unit number.

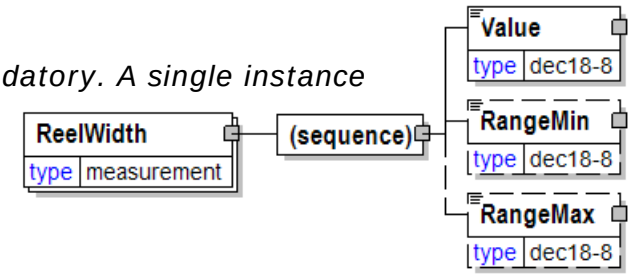


ReelWidth

The width of reel from edge to edge excluding packaging.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

referenceType [simple type]

This entry provides the definitions for the named reference types that papiNet provides. As there are 45+ of them and they all have the same enumerations and definition, presenting a single entry serves to save space. The standard definition for all reference types and their enumerations follows.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

This item is restricted to the following list.

AccountNumber

The unique reference number given to a financial account of the party involved in the transaction.

AudioVideoSelectionNumber

Unique number given to every audio master. Used by duplicators and replicators.

Author

Name of the author of the product or book.

BarCodedSerialNumber

The serial number in bar code form.

BillAndHoldInvoiceNumber

The invoice number used in a bill and hold arrangement.

BillOfLadingMark

Assigning party's reference mark on each package used for logistic purposes (a mark which is painted to packages just to make handling easier). Not to be confused with Bill of Lading Number.

BillOfLadingNumber

The unique reference number given to a bill of lading document given to the carrier transporting the product; the bill of lading is a legal document that lists all the products that are being transported.

BindingStyleType

BindingStyleType indicates the method used to hold the pages of the issue together. Examples are Saddle Stitch (staple through the middle fold) and Perfect Bound (glue).

BookLanguage

The language of the text of the book.

BookingNumber

The reference number used for the booking of logistices services.

BookVolumeNumber

A number assigned to a book that denotes the sequential order when several books are either bound in an identical format or are part of a series or set.

BudgetCenter

An internal cost-centre identifier.

BuyerBudgetCenter

To be removed in a future version. Refer to "BudgetCenter" for the definition and use the attribute "AssignedBy" for buyer.

BuyerClaimNumber

To be removed in a future version. Refer to "ClaimNumber" for the definition and use the attribute "AssignedBy" for buyer.

BuyerDivisionIdentifier

To be removed in a future version. Refer to "DivisionIdentifier" for the definition and use the attribute "AssignedBy" for buyer.

BuyerImprint

To be removed in a future version. Refer to “Imprint” for the definition and use the attribute “AssignedBy” for buyer.

BuyerJobNumber

To be removed in a future version. Refer to “JobNumber” for the definition and use the attribute “AssignedBy” for buyer.

BuyerRetailPrice

To be removed in a future version. Refer to “RetailPrice” for the definition and use the attribute “AssignedBy” for buyer.

CallOffConfirmationLineItemNumber

The specific line item number for the CallOff confirmation.

CallOffConfirmationNumber

The unique reference number given to a CallOff confirmation.

CallOffLineItemNumber

The specific line item number for the CallOff.

CallOffNumber

The unique reference number given to a CallOff. The CallOff number of a previously sent CallOff can be referenced. For example, a seller can refer to a CallOff number in a DeliveryMessage.

CallOffReferenceNumber

A general informational reference (either textual or numeric) given to a CallOff. The CallOff reference number of a previously sent CallOff can be indicated. For example, a seller can refer to a CallOff reference number in a DeliveryMessage.

CatalogueReferenceNumber

A unique reference for a catalogue

CIMNumber

The unique reference number given to an international freight document for rail transport.

CMRNumber

The unique reference number given to an international freight document for road transport.

CoLoadingNumber

A reference to the identifier for the CoLoading communication.

ComplaintNumber

The reference number associated with a complaint.

ComplaintLineItemNumber

ComplaintResponseNumber

The reference number associated with a ComplaintResponse.

ComplaintResponseLineItemNumber

ConsigneeOrderNumber

To be removed in a future version. Refer to “OrderNumber” for the definition and use the attribute “AssignedBy” for consignee.

ContainerReference

The reference number of the container.

ContentLanguage

ContractLineNumber

A particular line number of a contract. Note: To reference a contract line number, the seller or buyer must include a clear reference to the corresponding contract elsewhere in the document.

ContractNumber

The unique reference number given to a mutual commercial/trading agreement between a buyer and a seller. The agreement can cover a quote, a bid, a contract, pricing, invoicing, and/or payment terms.

ConvertingReportNumber

An identifier used to communicate which converting report is being referred to.

Copyright

The year of publication copyright.

CorrelationReferenceNumber

A reference number used for grouping of related e-Documents or related items within e-Documents, e.g. invoice line items.

CreditAuthorizationNumber

The number of the credit authorization.

CreditDebitNoteNumber

To be removed in version V3R00. Use either CreditNoteNumber or DebitNoteNumber.

CreditNoteNumber

The number of the referenced Credit Note.

CustomerBookingNumber

To be removed in a future version. Refer to “BookingNumber” for the definition and use the attribute “AssignedBy” for customer.

CustomerJobNumber

To be removed in a future version. Refer to “JobNumber” for the definition and use the attribute “AssignedBy” for customer.

CustomerJobTitle

To be removed in a future version. Refer to “JobTitle” for the definition and use the attribute “AssignedBy” for customer.

CustomerOrderNumber

To be removed in a future version. Refer to “OrderNumber” for the definition and use the attribute “AssignedBy” for customer.

CustomerReferenceNumber

To be removed in a future version. Refer to “ReferenceNumber” for the definition and use the attribute “AssignedBy” for customer.

CustomerSpecificationNumber

To be removed in a future version. Refer to “SpecificationReferenceNumber” for the definition and use the attribute “AssignedBy” for customer.

DebitNoteNumber

The number of the referenced Debit Note.

DeliveryBookingNumber

A number use to schedule deliveries at their site.

DeliveryInstructionNumber

The unique identifier given to a DeliveryInstruction.

DeliveryInstructionSequenceNumber

The unique reference number given to a DeliveryInstruction sequence (line item).

DeliveryInstructionSequenceLineNumber

A sequential number that uniquely identifies the line item of a DeliveryInstructionSequence.

DeliveryLocation

The location to which product is to be delivered.

DeliveryMessageNumber

The identifier of the DeliveryMessage e-Document.

DeliveryMessageLineItemNumber

DeliveryNumber

Alternate delivery number when the party uses secondary documents to manage their own system.

DeliveryPlanningNumber

The identifier of the DeliveryPlanning e-Document.

DepartmentIdentifier

A major division of a business.

DespatchInformationNumber

DespatchInstructionNumber

The unique reference number of the despatch instruction document. For example the despatch instructions sent from the mill to the warehouse.

DivisionIdentifier

The internal division identifier for the party.

DropOffNumber

The identifier for the stop or location that the delivery vehicle will make.

Edition

Identifies the version of the product for which copies were printed and

published at one time; For example in book manufacturing values might be 1st, 2nd, etc

EditionState

List of state abbreviations. The term "National" may also be used.

EditionSubject

Identifies the subject matter of the book.

EditionSubjectNumber

Number defined by the BISAC to codify the subject matter of the book.

EducationSubject

Identifies the subject matter of a text book (such as Math, Science, etc.).

EndCallOffDate

The last date that a call off can be placed.

EnergyCalculationReferenceNumber

A reference to the specification for how energy content should be calculated for a material.

FlightNumber

The reference number given to a flight number.

FormID

Identifies the Form that the reference is associated with.

FormLowFolio

An additional identifier of a Form.

FormPages

The number of pages associated with a Form’s Delivery (Pages on a Signature).

FormType

Type of printed signature.

For book manufacturing, examples are: web, sheet, folded and gathered signature.

For magazine publishing examples are: Advance, Cover, or Current.

Advance denotes those pages other than Cover and Current. They are usually advertisements and other pages that are less subject to change and can be printed further in advance of the issue date.

Cover denotes the cover pages of the issue.

Current denotes those pages that are more subject to edit changes and are therefore printed closer to the issue date.

ForwarderReference

To be removed in a future version. Refer to “ReferenceNumber” for the definition and use the attribute “AssignedBy” for forwarder.

FromPurchaseOrderNumber

The PurchaseOrder that is used as the source of information.

FromSalesOrderNumber

The sales order that is used as the source of information.

FSCNumber

A certificate registration code for a site that has been certified in accordance with the requirements of the Forest Stewardship Council A.C. for delivering of FSC certified products. This number would also be communicated in the LicenceNumber element of the SafetyAndEnvironmentalInformation.

GeneralAgreement

The particular standard industry contract is being used to indicate incoterms agreements, arbitration rules, chartering, insurance, payment & freight, claims, etc.

GoodsInBillOfLadingNumber

The unique reference number given to a bill of lading number for a transport which delivered goods into a location.

GoodsInDeliveryNumber

The unique reference number given to a delivery number for a transport which delivered goods into a location.

GoodsInTransportUnitIdentifier

The reference number given to a unit identifier for a transport which delivered goods into a location.

GoodsInTransportVehicleIdentifier

The reference number given to a vehicle identifier for a transport which delivered goods into a location.

GoodsReceiptNumber

The number of the GoodsReceipt transaction that is being referred to.

GoodsReceiptLineItemNumber

The line item number of the GoodsReceipt transaction that is being referred to.

ContractGroupReferenceNumber

A reference number to a group of contracts relevant to a particular business item.

Imprint

Identifies the imprint to which this product belongs. When communicating the “publisher’s imprint” use an assigned by of “Buyer”.

IndentOrderNumber

A unique reference number given to an order, which is to be delivered directly to the buyer’s own customer (typically a paper merchant). The reference value is passed from the buyer to the seller and the information content is meaningful only to the buyer.

InitialShipmentAdviceNumber

The unique reference number given to an initial shipment advice. The number of a previously sent initial shipment advice can be referenced. For example, a seller can refer to an initial shipment advice number in a DeliveryMmessage.

IntraStatNumber

The unique reference number given to product groups by the international authority Intrastat for statistical purposes. This number must be on the invoice when importing or exporting goods.

InventoryChangeLineItemNumber

An identifier for the InventoryChangeLineItem.

InventoryChangeNumber

The identifier for the InventoryChange.

InventoryDispositionInstructionsNumber

The unique reference number given to an InventoryDispositionInstructions.

InventoryDispositionInstructionsLineNumber

The sequential reference number given to the inventory disposition line number.

InventoryStatusLineItemNumber

An identifier that allows for unique identification of the InventoryStatusLineItem.

InventoryStatusNumber

An identifier that allows for unique identification of the InventoryStatus e-Document.

InvoiceNumber

The number associated with the Invoice.

ISBN10

10 digit ISBN code without dashes

ISBN10Dash

10 digit ISBN code with dashes

ISBN13

13 digit ISBN code.

ISBN13Dash

A 13 character ISBN with dashes; example of ISBN-13 with dashes: 978-1-873671-00-0.

ISODocumentReference

A unique ISO 9002 / 9001 document identifier.

IssueEvent

A task, or other type of event, related to the creation of an issue of a publication.

JobNumber

An identifier for a step in the production, publication, or manufacturing process. Usually a job has as its scope the amount of work performed by a defined resource (person or equipment).

JobTitle

A name of a specific job or task to which the forecast data is to apply, along with location and item.

LoadPlanNumber

A reference number given to a general unique load plan number generated in the planning phase before any physical loads exist.

LoadReleaseNumber

The identifier for the Load Release.

LoadTenderNumber

The identifier for the LoadTender e-Document.

LoadTenderResponseNumber

LoadingInstructionNumber

The unique reference number given to the loading instruction.

LoadingInstructionSequenceNumber

A sequential number that uniquely identifies the sequence of a LoadingInstruction.

LoadingInstructionSequenceLineNumber

A sequential number that uniquely identifies the sequence of a LoadingInstruction.

LoadingOrderNumber

The identifier for the Loading Order.

LoadingOrderLineNumber

The line item number of the Loading Order.

LocationReferenceIdentifier

An identifier for referencing a location defined by a LocationParty.

LotIdentifier

A unique code used to identify a grouping of product with one set of quality statistics common to all members of that group. Synonym: Lot Number

MagazineCode

A code used to identify a magazine.

ManufacturerMaterialSafetyDataSheetNumber

To be removed in a future version. Refer to “MaterialSafetyDataSheet” for the definition and use the attribute “AssignedBy” for producer (manufacturer).

MarketType

Mass Market, Picture Books, Trade, Education, etc.

MarketplaceReferenceNumber

To be removed in a future version. Refer to “ReferenceNumber” for the definition and use the attribute “AssignedBy” for marketplace.

MasterBillOfLading

The unique reference number given to a master bill of lading document, which contains multiple bills of lading. This is a legal document given to the carrier that transports the goods to multiple customers, each of which then receive a unique bill of lading document.

MasterContractNumber

Contract number that is broader in terms of doing business between partners which for the book industry may, or may not include pricing.

MasterISBN10

Refers to the ISBN10 of a product where the product being ordered is a part

MasterISBN13

Refers to the ISBN13 of a product where the product being ordered is a part

MasterPurchaseOrder

Refers to a Buyer’s PurchaseOrder Number under which separate purchase orders are generated but the master PO will never be sent to the supplier.

MaterialSafetyDataSheetNumber

A U.S. document describing the safety, environmental and physical issues, if any, for a product.

MeasuringInstructionNumber

The unique identifier of a Measuring Instruction.

MeasuringNumber

The unique identifier given to a measurement.

MeasuringTicketNumber

The unique identifier of a MeasuringTicket.

MeasuringTicketSequenceNumber

A sequential number that uniquely identifies the sequence of a MeasuringTicket.

MeasuringTicketSequenceLineItemNumber

A sequential number that uniquely identifies the line item of a MeasuringTicket sequence.

MillOrderLineItemNumber

To be removed in a future version. Refer to “OrderLineItemNumber” for the definition and use the attribute “AssignedBy” for mill.

MillOrderNumber

To be removed in a future version. Refer to “OrderNumber” for the definition and use the attribute “AssignedBy” for mill.

MillSalesOfficeNumber

To be removed in a future version. Refer to “SalesOfficeNumber” for the

definition and use the attribute “AssignedBy” for mill.

MovementReferenceNumber

Movement Reference Number is given by European customs authorities. This is the reference number of the goods shipment in all European custom systems. This reference number is AssignedBy "Customs". For more information please see http://europa.eu

NonconformanceReportNumber

The number assigned to a non-conformance report.

OrderConfirmationNumber

The number of the OrderConfirmation that is used to identify the transaction, or portion of the transaction.

OrderConfirmationLineItemNumber

The line item on the OrderConfirmation (identified by the OrderConfirmationNumber).

OrderNumber

The number of the order that is used to identify the transaction, or portion of the transaction.

OrderLineItemNumber

The line item on the Order (identified by OrderNumber).

OrderPartyReferenceNumber

To be removed in a future version. Refer to “ReferenceNumber” for the definition and use the attribute “AssignedBy” of “OrderParty”.

OriginalComplaintResponseNumber

Reference number of the original ComplaintResponse.

OriginalDeliveryNumber

The unique reference number given to a DeliveryMessage number sent previously that has been replaced in the meantime.

OriginalGoodsReceiptNumber

The original unique identifier of the GoodsReceipt that is to be replaced.

OriginalInvoiceNumber

To be removed in version V3R00. Use InvoiceNumber.

OriginalProductQualityMessageNumber

The unique reference number given to a ProductQuality document sent previously that has been replaced in the meantime.

OriginalPurchaseOrderNumber

The unique reference number given to a PurchaseOrder document sent previously that has been replaced (through amendment or cancellation) in the meantime.

OriginalSalesOrderNumber

The unique reference number given to a sales order previously communicated

that has been replaced (through amendment or cancellation) in the meantime.

OriginalScaleTicketNumber

The unique reference number given to the original ScaleTicket.

OriginalUsageNumber

The unique reference number given to a Usage e-Document previously sent that has been replaced (through amendment or cancellation) in the meantime.

PackageMark

A mark applied to packages. The package mark is mainly used for logistics purposes by grouping of packages together and making handling and storing easier.

PackageNumber

The unique reference number given to a manufacturer's product packaging designation.

PackageSpecificationNumber

The reference number given to a set of packing specifications.

PackageSpecificationLineNumber

The reference number given to one line of a set of packing specifications.

PageCount

Number of text pages in the book or component.

PageCountTotal

Total number of pages including inserts.

PaymentReferenceNumber

Payment reference number is used when paying the invoice. It associates the payment to the right invoice in an electronic payment scenario.

PEFCNumber

A certificate registration code for a site that has been certified in accordance with the requirements of the Programme for the Endorsement of Forest Certification. This number would also be communicated in the LicenceNumber element of the SafetyAndEnvironmentalInformation.

PickUpNumber

Indicates the route number for the pick-up location for a transport order.

PlanningMessageNumber

The unique reference number to a Planning e-Document that includes estimated volumes for the product being called off.

PopulationNumber

A reference number identifying a group of clearly-defined items with similar characteristics. Currently used by Forest Wood Supply for statistical Calculation adjustments.

PrepContentName

Name of the document or file that contains the content for the associated book

or component

PriceContractNumber

Contract number that is specific to pricing.

PriceQuoteNumber

Quote number that is specific to pricing.

PriceList

The number used to identify the price list.

PriceListItem

The reference number used to identify an item in a price list.

PriceListLineItem

The reference number used to identify the line item of a price list.

PrintingCode

Identifies the book as a New Boo, Reprint, New Adoption, etc.

PrintingNumber

A reference to the sequential print run number.

PriorPurchaseOrderNumber

The preceeding PurchaseOrder number.

ProductAttributesNumber

The unique identifier of the ProductAttributes e-Document.

ProductOriginIdentifier

A reference number identifying the origin of the product. It is typically used as a tracking reference.

ProductReferenceNumber

A unique reference number (either textual or numeric) given to a product for which the owner or source is specified in the “@AssignedBy” attribute.

ProFormaInvoiceNumber

The identification number for the Pro Forma Invoice.

ProNumber

A (Progressively) sequential numbering system used to identify logistics bills. Referred to, in Europe, as Verification Number.

Example: ANC5376559

ProfitCenter

Profit center identifier

ProgramID

Identifies that the item is associated with a series. In the book manufacturing industry examples would be, "Science Series 2007, "Math Series 2009".

PromotionNumber

The sales promotion number.

PubName

The publication name.

PubNumber

The publication number.

PublisherReferenceNumber

PupilsTeachers

Description of the pupils/teachers edition specific to educational book products.

PurchaseOrderCorrelationID

Contains a reference value which is used to identify a group of purchase orders for products that are priced based on being manufactured together because of common components.

PurchaseOrderNumber

The unique reference number given to a PurchaseOrder. The PurchaseOrder number of a previously sent order can be referenced. For example, a seller can refer to a PurchaseOrder number in an Invoice.

PurchaseOrderLineItemCorrelationID

Contains a reference value which is used to identify a group of PurchaseOrder Line Items that refer to the same product.

PurchaseOrderLineItemNumber

A sequential number that uniquely identifies the PurchaseOrder line item.

PurchaseOrderReleaseNumber

The version or release of the PurchaseOrder.

QualityReportNumber

A number that uniquely identifies a quality report.

RandomSampleNumber

The unique identifier of a random sample.

ReferenceNumber

An informational reference (either textual or numeric) for which the owner or source is specified in the “@AssignedBy” attribute

ReleaseNumber

The unique identifier (either textual or numeric) given to the release of a reservation order, a contract, or a blanket order.

ResourceInformationNumber

The unique identifying number of a ResourceInformation.

RetailPrice

Cover price of the finished product.

RFQLineItemNumber

The number used to identify the RFQ line item.

RFQNumber

The identifier of the RFQ. Usually provided when opening a PurchaseOrder that is derived from a request for quote (RFQ).

RunNumber

The unique reference number given to a paper-manufacturing slot on the mill production line (for example, paper machine or sheet cutter). Paper for several orders is manufactured in one run before resetting the machines for new manufacturing results.

SalesOfficeNumber

The number used to identify the sales office.

SalesOrderLineItemNumber

A number that uniquely identifies the sales order line item.

SalesOrderNumber

The unique reference number given to a sales order.

ScaleTicketNumber

The identifier for the ScaleTicket.

SchoolGrade

Grade level indicator of the book product, specific to educational text books such as grade 3. (K=Kindergarten, 1 through 12, CO=College)

SchoolGradeLevel

Further definition of the Grade level of the book product, specific to educational text books such as grade 3 level A.

SellersInvoiceNumber

To be removed in a future version. Refer to “InvoiceNumber” for the definition and use the attribute “AssignedBy” for seller.

ServiceNumber

The product number for the service.

ShipmentStatusNumber

The unique identifier for the ShipmentStatus e-Document.

ShippingInstructionsLineItemNumber

Line number reference of the shipping instruction for book shipments.

ShippingInstructionsNumber

Sequential number of the shipping instruction.

SimplifiedCustomsNumber

A number that identifies the applicable simplified customs arrangement.

SpecificationNumber

The unique reference number given to a Specification.

SpecificationReferenceNumber

The assigning party’s reference number for the specification. (The version

number of the BookSpecification.)

SpecificationVersion

The identifier for the version of the specification.

StanForDForwardedProductionNumber

The identifier of the forwarded production file in the StanForD standard used by forest machines.

StanForDHarvestedProductionNumber

The identifier of the harvested production file in the StanForD standard used by forest machines.

StanForDHarvestingQualityControlNumber

The identifier of the harvesting quality control file in the StanForD standard used by forest machines.

StockOrderLineItemNumber

A number that uniquely identifies the line item of a Stock Order. The Stock Order is identified by the StockOrderNumber.

StockOrderNumber

The unique reference number given to an order, which is to be delivered to the buyer's designated stock location (typically a paper merchant). The reference value is passed from the buyer to the supplier and the information content is meaningful only to the buyer.

SupplierCallOffNumber

To be removed in a future version. Refer to "CallOffNumber" for the definition and use the attribute "AssignedBy" for supplier.

SupplierClaimNumber

To be removed in a future version. Refer to "ClaimNumber" for the definition and use the attribute "AssignedBy" for supplier.

SupplierJobNumber

To be removed in a future version. Refer to "JobNumber" for the definition and use the attribute "AssignedBy" for supplier.

SupplierReferenceNumber

To be removed in a future version. Refer to "ReferenceNumber" for the definition and use the attribute "AssignedBy" for supplier.

SupplierVoyageNumber

To be removed in a future version. Refer to "VoyageNumber" for the definition and use the attribute "AssignedBy" for supplier.

T2L

TimeTableNumber

The reference number given to a timetable.

Title

Proper title of a book product.

TitleAlias

Alternate title description for book products, usually for security purposes.

ToPurchaseOrderNumber

The destination of purchase order information.

TrackingNumber

TrackingNumber is a logistics identifier assigned to a shipment.

TransactionID

Unique system-wide identifier for a business transaction used as a source for creation of the papiNet e-Document.

TransportUnitIdentifier

The reference number given to a transport unit. The transport unit is the portion of the vehicle that is holds the goods.

TransportVehicleIdentifier

The reference number given to a vehicle used for transport.

UniversalProductIdentifier

Unique identifier for the book, component of a book product, and many other products.

URLReferenceNumber

An informational reference given as and an URL (Universal Resource Locator).

UsageNumber

The number used to identify the Usage activity being referred to.

UsageLineItemNumber

The line item number used to identify the Usage activity being referred to.

VehicleTourNumber

A reference number used to identify a specific one-time tour that a single vehicle is either scheduled for or is travelling. One single VehicleTourNumber can be referred as the vehicle travels and makes several stops for loading and unloading.

VendorReferenceNumber

To be removed in a future version. Refer to “ReferenceNumber” for the definition and use the attribute “AssignedBy” for seller.

VesselShipNotice

VoucherNumber

The unique reference number given to a document serving as evidence for some claimed transaction, e.g. as the receipt or expenditure of money.

VoyageNumber

The assigning party’s unique reference number (own internal code) given to a voyage. This may or may not be the port authority’s number.

WarehouseDeliveryNumber

To be removed in a future version. Refer to “DeliveryNumber” for the definition and use the attribute “AssignedBy” for warehouse.

WaybillIdentifier

Identifies the document that acknowledes receipt of the goods being shipped and specifying the terms of delivery.

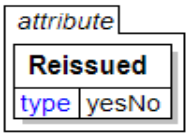
Other

Used for any other reference that is not covered by this attribute list.

Reissued [attribute]

Either "Yes" or "No".

This item is restricted to the following list.

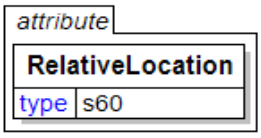


Yes

No

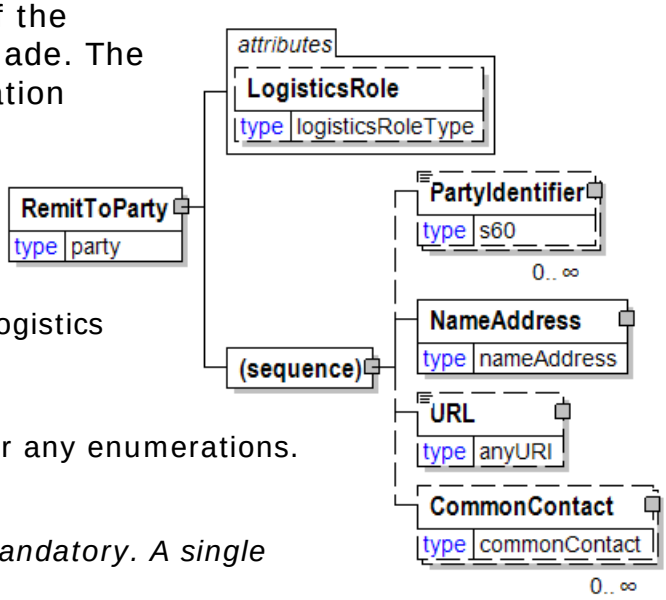
RelativeLocation [attribute]

The relative position in the end-item where the component is to be placed.



RemitToParty

A group item containing details of the party to whom payment will be made. The RemitToParty contains all information related to remittance.



LogisticsRole [attribute]

LogisticsRole is optional. A single instance might exist.

Communicates the nature of the logistics role, if any, the party plays in the transaction.

Refer to LogisticsRole definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PartyIdentifier

PartyIdentifier is optional. Multiple instances might exist.

A unique identifier of a specific party. This element contains an attribute PartyIdentifierType that indicates the type of party.

NameAddress

NameAddress is mandatory. A single instance is required.

A group item containing name and address of an organisation or business entity.

URL

URL is optional. A single instance might exist.

Universal Resource Locator. While typically a web address you could use this field to hold an email address.

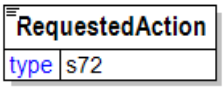
CommonContact

CommonContact is optional. Multiple instances might exist.

Identifies a specific individual associated with the party.

RequestedAction

The element that enables the party making the complaint (i.e. SenderParty) to specify what they want done regarding the Complaint (send a credit, send disposition instructions, etc.)



RequestingParty

The party requesting the information.

PartyType [attribute]

PartyType is mandatory. A single instance is required.

Identifies the business role associated with the particular party

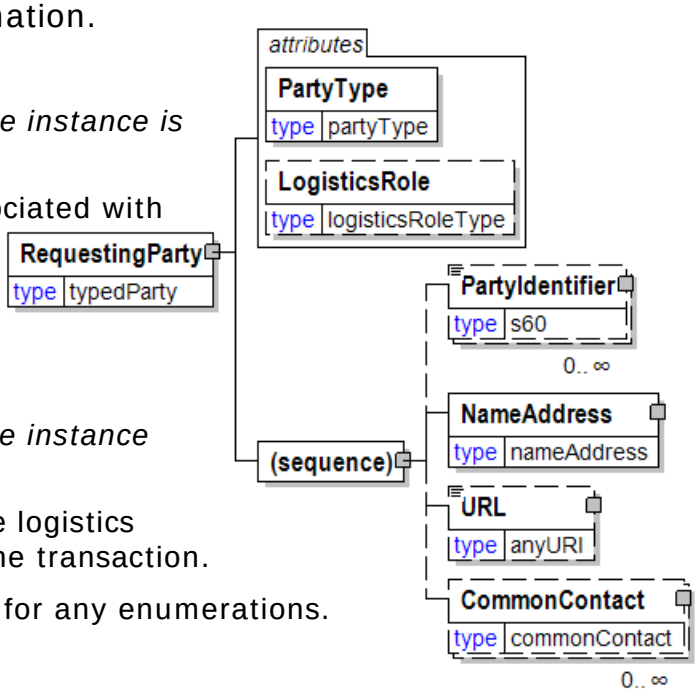
Refer to PartyType definition for any enumerations.

LogisticsRole [attribute]

LogisticsRole is optional. A single instance might exist.

Communicates the nature of the logistics role, if any, the party plays in the transaction.

Refer to LogisticsRole definition for any enumerations.



(sequence)

The sequence of items below is mandatory. A single instance is required.

PartyIdentifier

PartyIdentifier is optional. Multiple instances might exist.

A unique identifier of a specific party. This element contains an attribute PartyIdentifierType that indicates the type of party.

NameAddress

NameAddress is mandatory. A single instance is required.

A group item containing name and address of an organisation or business entity.

URL

URL is optional. A single instance might exist.

Universal Resource Locator. While typically a web address you could use this field to hold an email address.

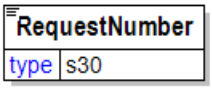
CommonContact

CommonContact is optional. Multiple instances might exist.

Identifies a specific individual associated with the party.

RequestNumber

A unique tracking number specifically identifying the InfoRequest e-Document to the originator. The tracking number is returned with the “information”, the answer, to help match the answer to the request.



Resistance

A group item used to communicate air resistance target or test value according to a particular TestMethod.

TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

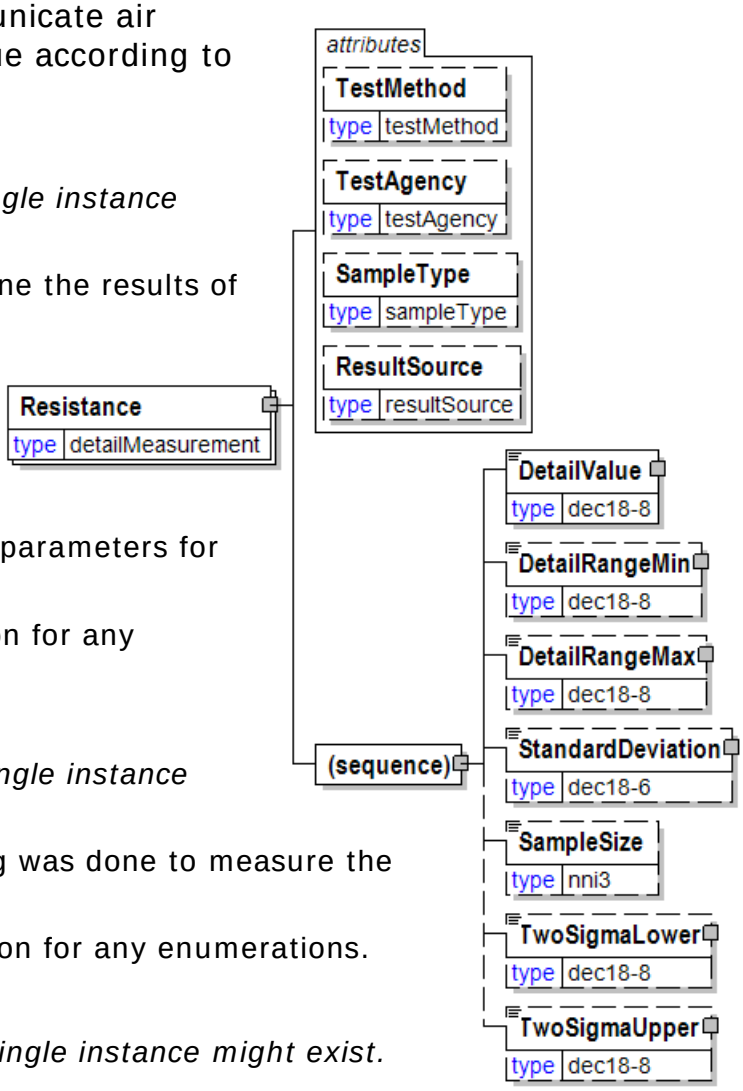
SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.



Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

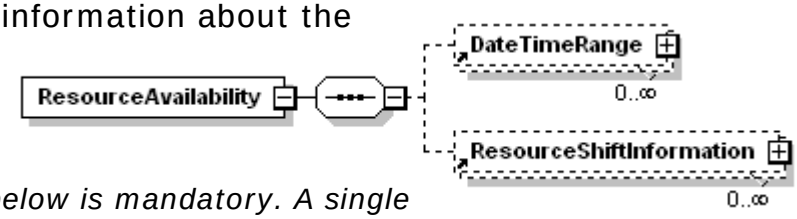
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

ResourceAvailability

A group item containing information about the availability of a specific resource.



(sequence)

The sequence of items below is mandatory. A single instance is required.

DateTimeRange

DateTimeRange is optional. Multiple instances might exist.

Specifies a date and/or time range.

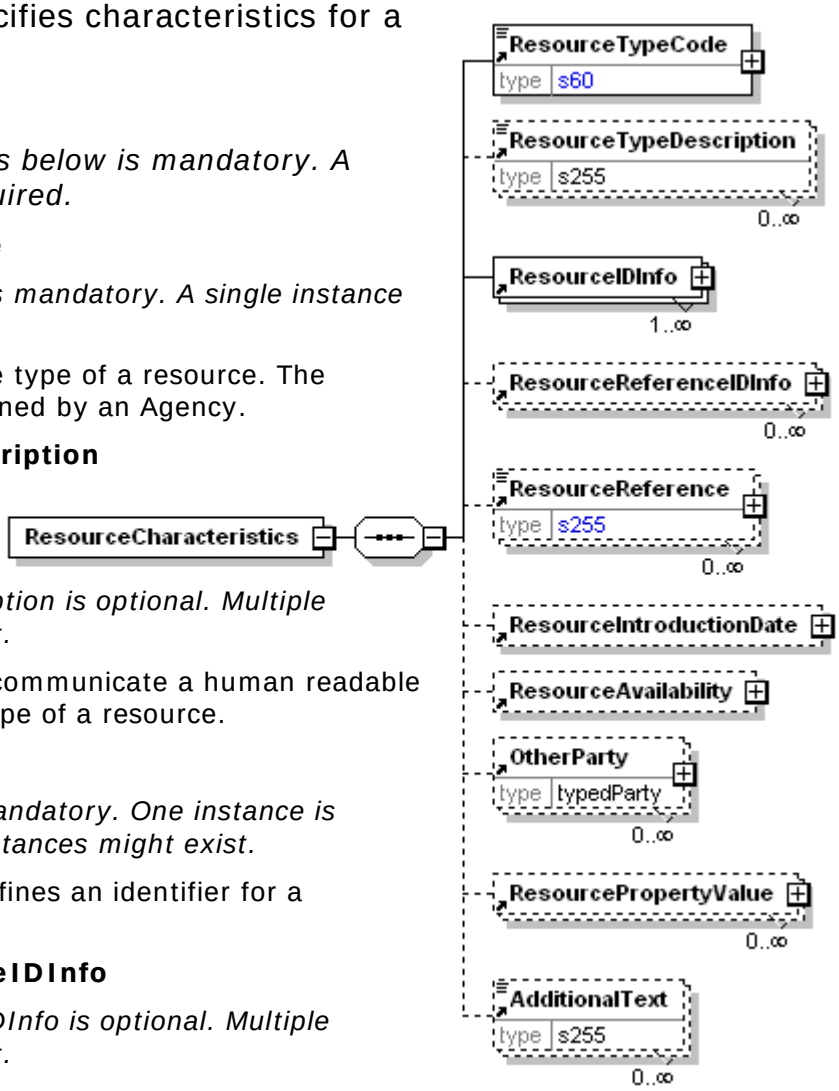
ResourceShiftInformation

ResourceShiftInformation is optional. Multiple instances might exist.

A group item defining working shift structure of the resource.

ResourceCharacteristics

A group item that specifies characteristics for a resource.



(sequence)

The sequence of items below is mandatory. A single instance is required.

ResourceTypeCode

ResourceTypeCode is mandatory. A single instance is required.

A code specifying the type of a resource. The ResourceCode is defined by an Agency.

ResourceTypeDescription

ResourceTypeDescription is optional. Multiple instances might exist.

An element used to communicate a human readable description for the type of a resource.

ResourceIDInfo

ResourceIDInfo is mandatory. One instance is required. Multiple instances might exist.

A group item that defines an identifier for a resource.

ResourceReferenceIDInfo

ResourceReferenceIDInfo is optional. Multiple instances might exist.

A group item that binds a referenced resource to another resource. Attribute ResourceReferenceIDType describes the relationship of the referenced resource to another resource.

ResourceReference

ResourceReference is optional. Multiple instances might exist.

An element detailing relevant references pertaining to the resource as indicated by the attribute ResourceReferenceType and AssignedBy.

ResourceIntroductionDate

ResourceIntroductionDate is optional. A single instance might exist.

This is the date when the resource has been taken in use in the specific company.

ResourceAvailability

ResourceAvailability is optional. A single instance might exist.

A group item containing information about the availability of a specific resource.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

ResourcePropertyValue

ResourcePropertyValue is optional. Multiple instances might exist.

A group item that specifies a value for a property of a resource.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

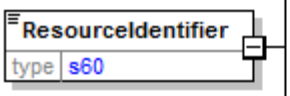
ResourceDescription

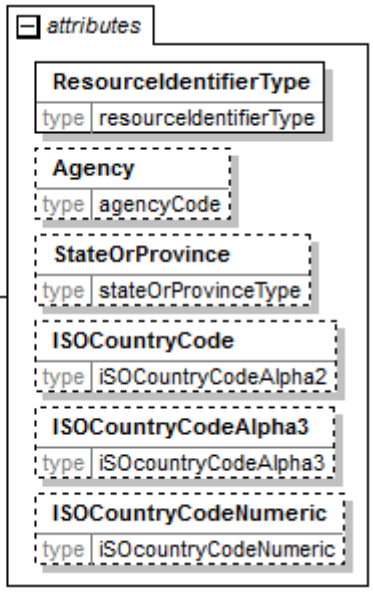
An element used to communicate a human readable description for a specific resource.



ResourceIdentifier

The unique identifier of a resource. The type of identifier is specified by the attribute ResourceIdentifierType. This identifier can be used to reference a specific resource.





ResourceIdentifierType [attribute]

ResourceIdentifierType is mandatory. A single instance is required.

Defines the type of the identifier for a resource. For example this can be the manufacturing number of the resource.

Refer to ResourceIdentifierType definition for any enumerations.

Agency [attribute]

Agency is optional. A single instance might exist.

Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

StateOrProvince [attribute]

StateOrProvince is optional. A single instance might exist.

The political designation or boundary of a specific area of land.

ISOCountryCode [attribute]

ISOCountryCode is optional. A single instance might exist.

The valid Alpha 2-character list of ISO Country Codes.

Refer to ISOCountryCode definition for any enumerations.

ISOCountryCodeAlfa3 [attribute]

ISOCountryCodeAlfa3 is optional. A single instance might exist.

The valid Alpha 3-character list of ISO Country Codes.

Refer to ISOCountryCodeAlfa3 definition for any enumerations.

ISOCountryCodeNumeric [attribute]

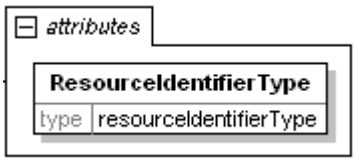
ISOCountryCodeNumeric is optional. A single instance might exist.

The valid Numeric 3-digit list of ISO Country Codes.

Refer to ISOCountryCodeNumeric definition for any enumerations.

ResourceIdentifierType [attribute]

Defines the type of the identifier for a resource. For example this can be the manufacturing number of the resource.



This item is restricted to the following list.

AssignedByAgencyID

A unique identifier that has been assigned by the agency given in the attribute Agency. Attribute Agency is mandatory when AssignedByAgency is used.

AssignedByMachineOwnerID

A unique identifier that has been assigned by the owner of the machine.

ContainerID

Defines a container identifier.

CassetteID

Defines a cassette identifier.

DriverLicenseID

The identifier for a driving licence.

EquipmentID

A unique identifier of specific equipment.

IMONumber

An identifier type for a Vessel.

MachineID

A globally unique identifier for the machine. It is an identifier belonging to the

machine independent of the owner of the machine, e.g. a GUID number.

LicencePlateNumber

A licence plate number.

PassportID

The identifier for a passport.

PersonalID

The identifier for a human being.

RadioCallSign

An identifier type for a Vessel.

RailCarID

A rail car identifier.

RFTagSerialNumber

The fixed built-in identifier of a RFID unit.

TrailerID

A trailer identifier. Note: This can be a licence plate number if the transport unit is the vehicle at the same time, or if the transport unit is a trailer with a licence plate number of its own. TrailerID is also used as identifier type for DrawBarCombination and RigidLorry.

VesselName

The registered name of the vessel.

Other

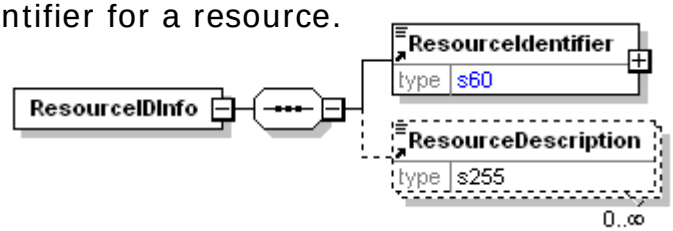
Used for any other resource identifier not covered by above list.

ResourceIDInfo

A group item that defines an identifier for a resource.

(sequence)

The sequence of items below is mandatory. A single instance is required.



ResourceIdentifier

ResourceIdentifier is mandatory. A single instance is required.

The unique identifier of a resource. The type of identifier is specified by the attribute ResourceIdentifierType. This identifier can be used to reference a specific resource.

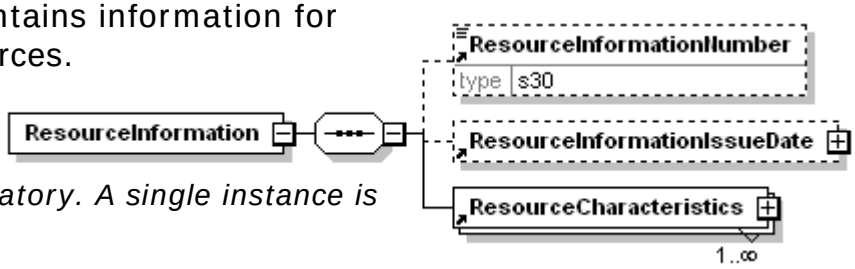
ResourceDescription

ResourceDescription is optional. Multiple instances might exist.

An element used to communicate a human readable description for a specific resource.

ResourceInformation

A group item that contains information for specification of resources.



(sequence)

The sequence of items below is mandatory. A single instance is required.

ResourceInformationNumber

ResourceInformationNumber is optional. A single instance might exist.

An element that contains the unique identifying number of the ResourceInformation.

ResourceInformationIssueDate

ResourceInformationIssueDate is optional. A single instance might exist.

The date and time when the ResourceInformation was issued.

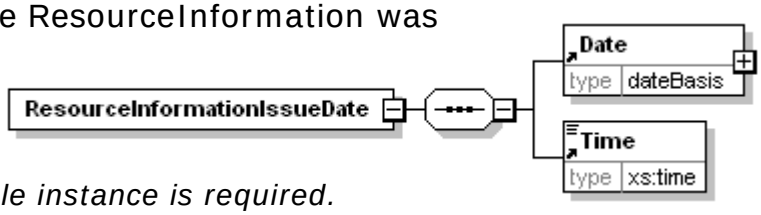
ResourceCharacteristics

ResourceCharacteristics is mandatory. One instance is required, multiple instances might exist.

A group item that specifies characteristics for a resource.

ResourceInformationIssueDate

The date and time when the ResourceInformation was issued.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

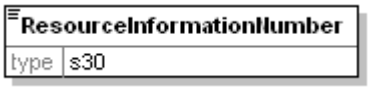
Time is mandatory. A single instance is required.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

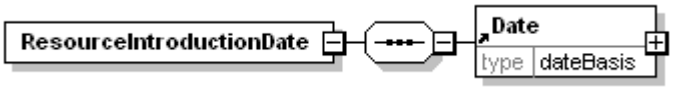
ResourceInformationNumber

An element that contains the unique identifying number of the ResourceInformation.



ResourceIntroductionDate

This is the date when the resource has been taken in use in the specific company.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

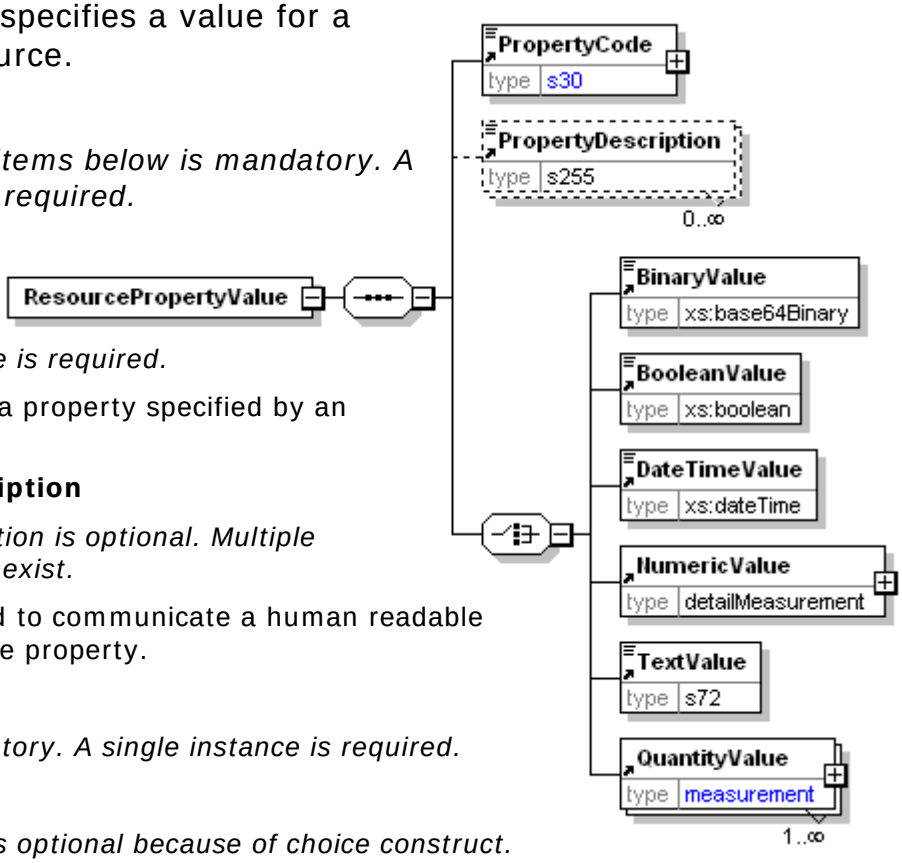
A group element that contains the specification of Year, Month, and Day.

ResourcePropertyValue

A group item that specifies a value for a property of a resource.

(sequence)

The sequence of items below is mandatory. A single instance is required.



PropertyCode

PropertyCode is mandatory.
A single instance is required.

A code defining a property specified by an Agency**.**

PropertyDescription

PropertyDescription is optional. Multiple instances might exist.

An element used to communicate a human readable description of the property.

(choice)

Choice is mandatory. A single instance is required.

BinaryValue

BinaryValue is optional because of choice construct.

A value in base-64-encoded binary format.

BooleanValue

BooleanValue is optional because of choice construct.

A value in boolean format.

DateTimeValue

DateTimeValue is optional because of choice construct.

A Date and Time value in the standard W3C xs:dateTime format.

NumericValue

NumericValue is optional because of choice construct.

A grouping element for a numeric value and its statistical measures.

TextValue

TextValue is optional because of choice construct.

A value in text format.

QuantityValue

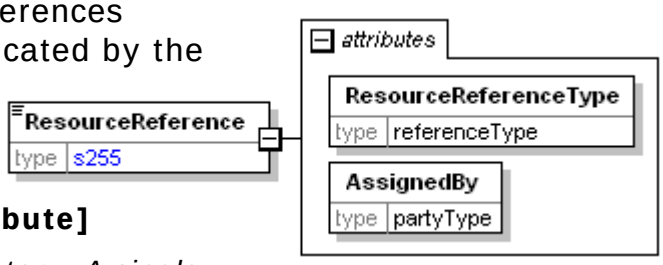
QuantityValue is optional because of choice construct. Multiple instances might exist.

The QuantityValue element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The QuantityValue element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

ResourceReference

An element detailing relevant references pertaining to the resource as indicated by the attribute ResourceReferenceType and AssignedBy.



ResourceReferenceType [attribute]

ResourceReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to ResourceReferenceType definition for any enumerations.

AssignedBy [attribute]

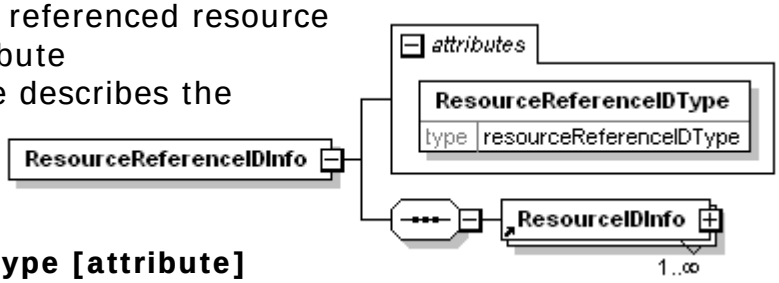
AssignedBy is mandatory. A single instance is required.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

ResourceReferenceIDInfo

A group item that binds a referenced resource to another resource. Attribute ResourceReferenceIDType describes the relationship of the referenced resource to another resource.



ResourceReferenceIDType [attribute]

ResourceReferenceIDType is mandatory. A single instance is required.

Defines the relationship of the referenced resource to another resource.

Refer to ResourceReferenceIDType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

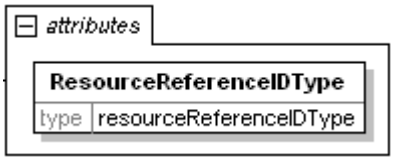
ResourceIDInfo

ResourceIDInfo is mandatory. One instance is required. Multiple instances might exist.

A group item that defines an identifier for a resource.

ResourceReferenceIDType [attribute]

Defines the relationship of the referenced resource to another resource.



This item is restricted to the following list.

Child

The referenced resource is attached to the actual resource. For example a referenced weight scale is connected to a specific truck.

Parent

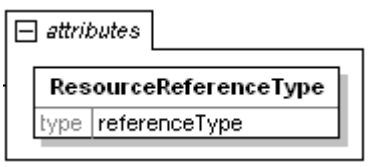
The actual resource is attached to the referenced resource. For example a weight scale is connected to a specific referenced truck.

Unknown

The relationship in not known or not relevant.

ResourceReferenceType [attribute]

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, Warehouse” or Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute AssignedBy will communicate the

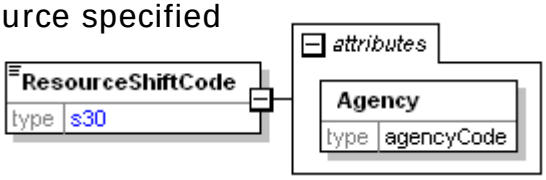


information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

ResourceShiftCode

A code defining working shifts for a resource specified by an Agency.



Agency [attribute]

Agency is mandatory. A single instance is required.

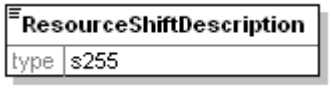
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

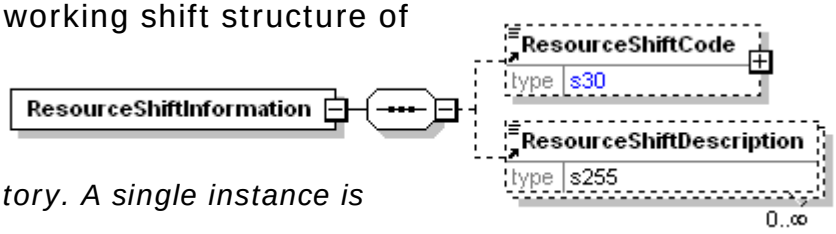
ResourceShiftDescription

An element used to communicate a human readable description of the used working shifts for a resource.



ResourceShiftInformation

A group item defining working shift structure of the resource.



(sequence)

The sequence of items below is mandatory. A single instance is required

ResourceShiftCode

ResourceShiftCode is optional. A single instance might exist.

A code defining working shifts for a resource specified by an Agency.

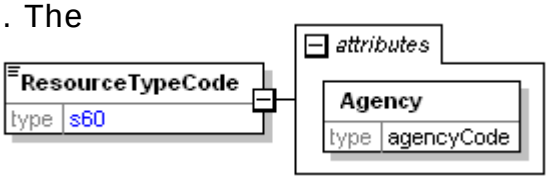
ResourceShiftDescription

ResourceShiftDescription is optional. Multiple instances might exist.

An element used to communicate a human readable description of the used working shifts for a resource.

ResourceTypeCode

A code specifying the type of a resource. The ResourceCode is defined by an Agency.



Agency [attribute]

Agency is mandatory. A single instance is required.

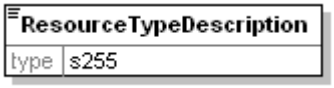
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

ResourceTypeDescription

An element used to communicate a human readable description for the type of a resource.

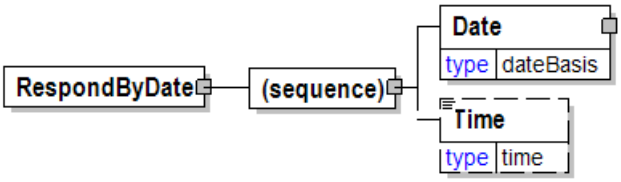


RespondByDate

The date that a response to the query if required.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

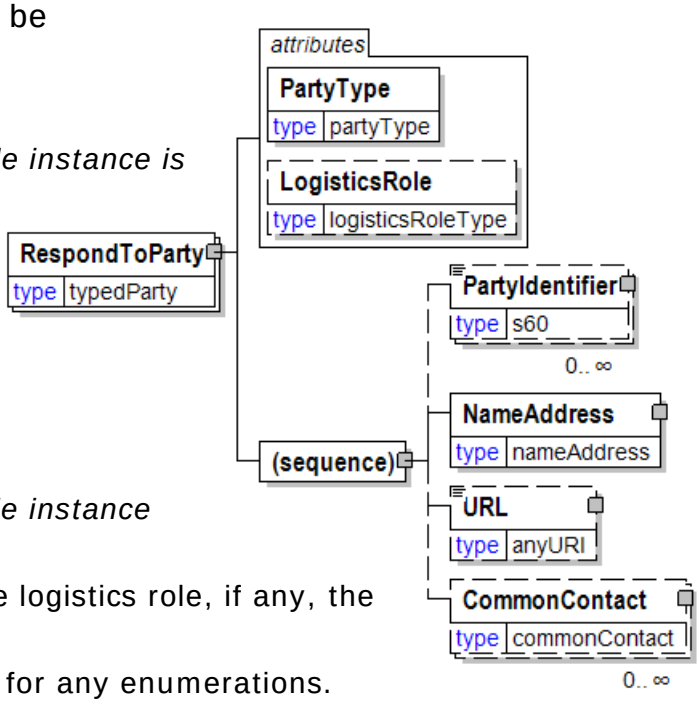
hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

RespondToParty

The party the document should be responded to.



PartyType [attribute]

PartyType is mandatory. A single instance is required.

Identifies the business role associated with the particular party

Refer to PartyType definition for any enumerations.

LogisticsRole [attribute]

LogisticsRole is optional. A single instance might exist.

Communicates the nature of the logistics role, if any, the party plays in the transaction.

Refer to LogisticsRole definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PartyIdentifier

PartyIdentifier is optional. Multiple instances might exist.

A unique identifier of a specific party. This element contains an attribute PartyIdentifierType that indicates the type of party.

NameAddress

NameAddress is mandatory. A single instance is required.

A group item containing name and address of an organisation or business entity.

URL

URL is optional. A single instance might exist.

Universal Resource Locator. While typically a web address you could use this field to hold an email address.

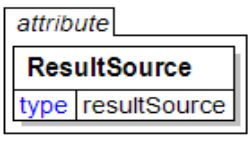
CommonContact

CommonContact is optional. Multiple instances might exist.

Identifies a specific individual associated with the party.

ResultSource [attribute]

Used to define the data source of the specified test



This item is restricted to the following list.

AutoLab

The data that gave rise to the value reported for this test

came from an automated laboratory testing device.

Calculated

ManualLab

The data that gave rise to the value reported for this test came from a manually performed laboratory test.

OnMachine

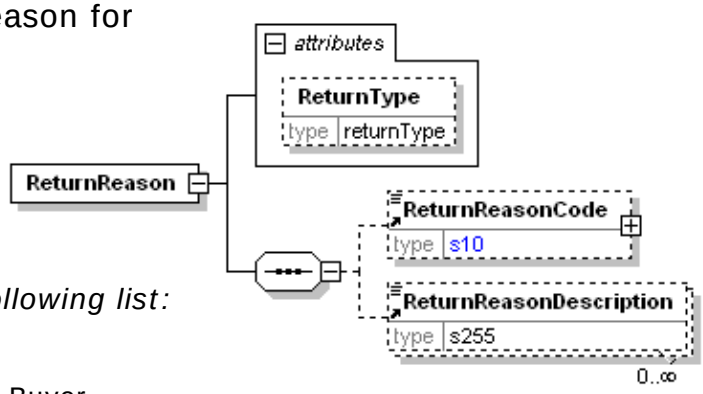
The data that gave rise to the value reported for this test came from an on-machine scanning device.

Predicted

The value indicated for this test is a target value and not the result of performing a paper test

ReturnReason

A group item containing the reason for the Return



ReturnType [attribute]

ReturnType is optional. A single instance might exist.

Specifies the type of return.

This item is restricted to the following list:

ReturnFromBuyer

Product was returned from the Buyer

ReturnFromShipper

Product was returned from the Shipper

ReturnFromThirdParty

Product was returned from an end user

(sequence)

The sequence of items below is mandatory. A single instance is required.

ReturnReasonCode

ReturnReasonCode is optional. A single instance might exist.

A code for quickly communicating the type of Return Reason. The Agency responsible for the code is associated with the element.

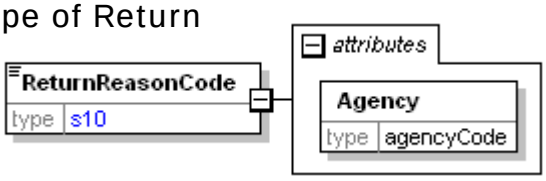
ReturnReasonDescription

ReturnReasonDescription is optional. Multiple instances might exist.

A text field element describing the reason for the Return.

ReturnReasonCode

A code for quickly communicating the type of Return Reason. The Agency responsible for the code is associated with the element.



Agency [attribute]

Agency is mandatory. A single instance is required.

Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

ReturnReasonDescription

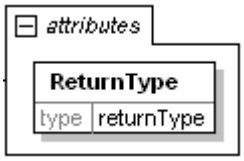
A text field element describing the reason for the Return.



ReturnType [attribute]

Specifies the type of return.

This item is restricted to the following list.



ReturnFromBuyer

Product was returned from the Buyer

ReturnFromShipper

Product was returned from the Shipper

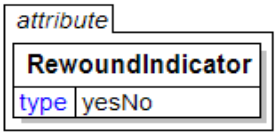
ReturnFromThirdParty

Product was returned from an end user

RewoundIndicator [attribute]

Is the date being communicated the the rewind date (Yes) or the date of original winding (No)?

This item is restricted to the following list.

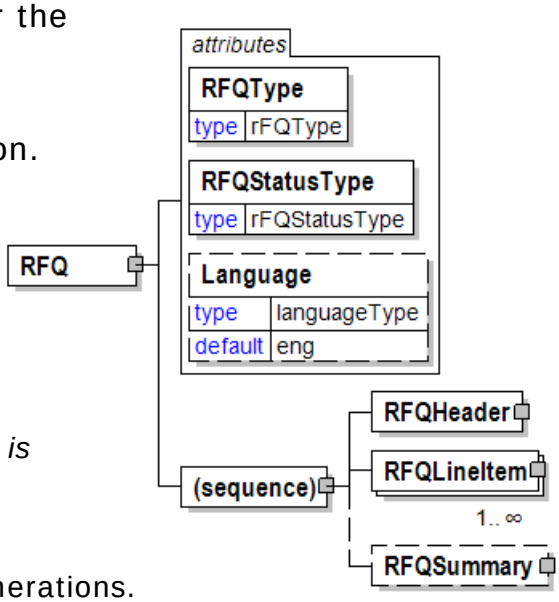


Yes

No

RFQ

The RFQ element is the root element for the RFQ e-Document.



A buyer sends an RFQ e-Document to a supplier to initiate a request for quotation. This e-Document, which is a request for product information, represents a request for the supplier to provide a quotation for product availability, shipping, and price.

RFQType [attribute]

RFQType is mandatory. A single instance is required.

Defines the type of RFQ issued.

Refer to RFQType definition for any enumerations.

RFQStatusType [attribute]

RFQStatusType is mandatory. A single instance is required.

This attribute acts as a flag indicating what processing may be required.

Refer to RFQStatusType definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

RFQHeader

RFQHeader is mandatory. A single instance is required.

A group item containing information applicable to the entire RFQ e-Document.

RFQLineItem

RFQLineItem is mandatory. One instance is required, multiple instances might exist.

The repetitive detail for the RFQ e-Document.

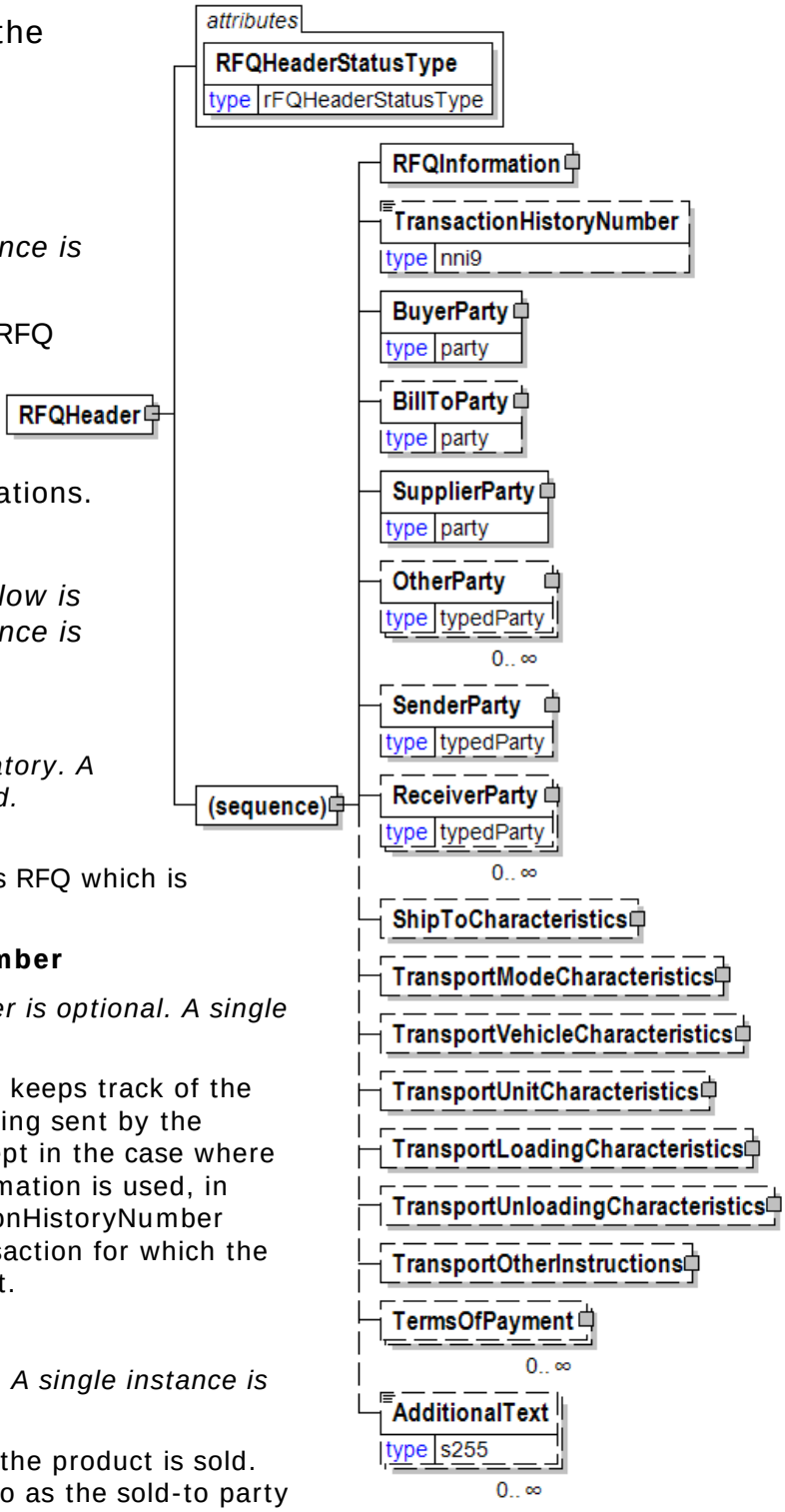
RFQSummary

RFQSummary is optional. A single instance might exist.

Summary information that applies to the RFQ e-Document.

RFQHeader

A group item containing information applicable to the entire RFQ e-Document.



RFQHeaderStatusType [attribute]

RFQHeaderStatusType is mandatory. A single instance is required.

Defines the status of the RFQ header

Refer to RFQHeaderStatusType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

RFQInformation

RFQInformation is mandatory. A single instance is required.

A group item containing information unique to this RFQ which is provided by the buyer.

TransactionHistoryNumber

TransactionHistoryNumber is optional. A single instance might exist.

A sequential number that keeps track of the version of a document being sent by the document originator except in the case where TransactionHistoryConfirmation is used, in which case the TransactionHistoryNumber refers to the trigger transaction for which the confirmation is being sent.

BuyerParty

BuyerParty is mandatory. A single instance is required.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

BillToParty

BillToParty is optional. A single instance might exist.

The address where the invoice is to be sent.

SupplierParty

SupplierParty is mandatory. A single instance is required.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

SenderParty

SenderParty is optional. A single instance might exist.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is optional. Multiple instances might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

ShipToCharacteristics

ShipToCharacteristics is optional. A single instance might exist.

A group item that provides information important for the Ship-To Party.

ShipToCharacteristics may be referenced at both the header and line item level. The reference at the header is required and acts as a default for the value at the line level, unless overridden at the line level.

TransportModeCharacteristics

TransportModeCharacteristics is optional. A single instance might exist.

A group item defining the primary mode of transport.

TransportVehicleCharacteristics

TransportVehicleCharacteristics is optional. A single instance might exist.

A group item containing information about a transport vehicle, e.g. a truck. A transport vehicle has its own power and can be used to pull, push, carry, or tow a transport unit loaded with goods.

TransportUnitCharacteristics

TransportUnitCharacteristics is optional. A single instance might exist.

A group item containing information about a transport unit, e.g. a trailer. Transport units contain goods and move using power from another source, the transport vehicle.

TransportLoadingCharacteristics

TransportLoadingCharacteristics is optional. A single instance might exist.

A group item defining how the transported items are to be loaded.

TransportUnloadingCharacteristics

TransportUnloadingCharacteristics is optional. A single instance might exist.

A group item defining how the transported items are to be unloaded.

TransportOtherInstructions

TransportOtherInstructions is optional. A single instance might exist.

A group item defining any other instructions for the transport not covered in the description of transport mode, vehicle, unit, and loading characteristics or defining an alternative description for the categories mentioned above.

TermsOfPayment

TermsOfPayment is optional. Multiple instances might exist.

A group item that contains agreed-to terms defining when, how, and under what conditions the payment is to be made.

When TermsOfPayment is optional; if omitted, TermsOfPayment is controlled through previous negotiation.

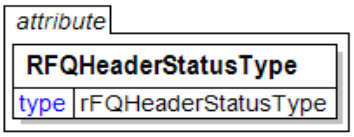
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

RFQHeaderStatusType [attribute]

Defines the status of the RFQ header



This item is restricted to the following list.

Accepted

The supplied information is accepted.

Amended

The supplied information is changed.

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

New

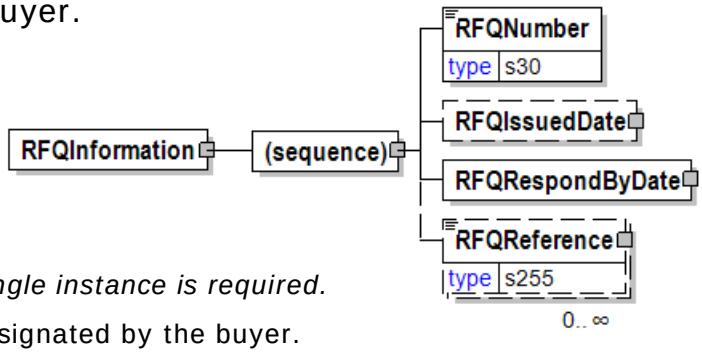
The supplied information is new and supplied for the first time.

NoAction

The supplied information has not been amended and thereby requires no action.

RFQInformation

A group item containing information unique to this RFQ which is provided by the buyer.



(sequence)

The sequence of items below is mandatory. A single instance is required.

RFQNumber

RFQNumber is mandatory. A single instance is required.

The unique RFQ identifier as designated by the buyer.

RFQIssuedDate

RFQIssuedDate is optional. A single instance might exist.

The Date and Time the RFQ was issued.

RFQRespondByDate

RFQRespondByDate is mandatory. A single instance is required.

The Date and Time by which a response needs to be received by the RFQ issuer.

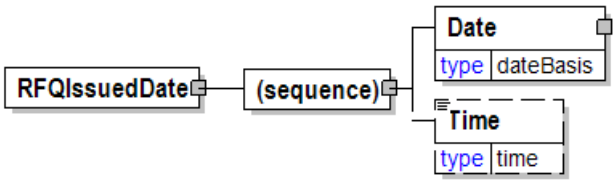
RFQReference

RFQReference is optional. Multiple instances might exist.

A repeatable element that details the relevant references (such as contract number) pertaining to the RFQ. The RFQReference is defined by RFQReferenceType.

RFQIssuedDate

The Date and Time the RFQ was issued.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

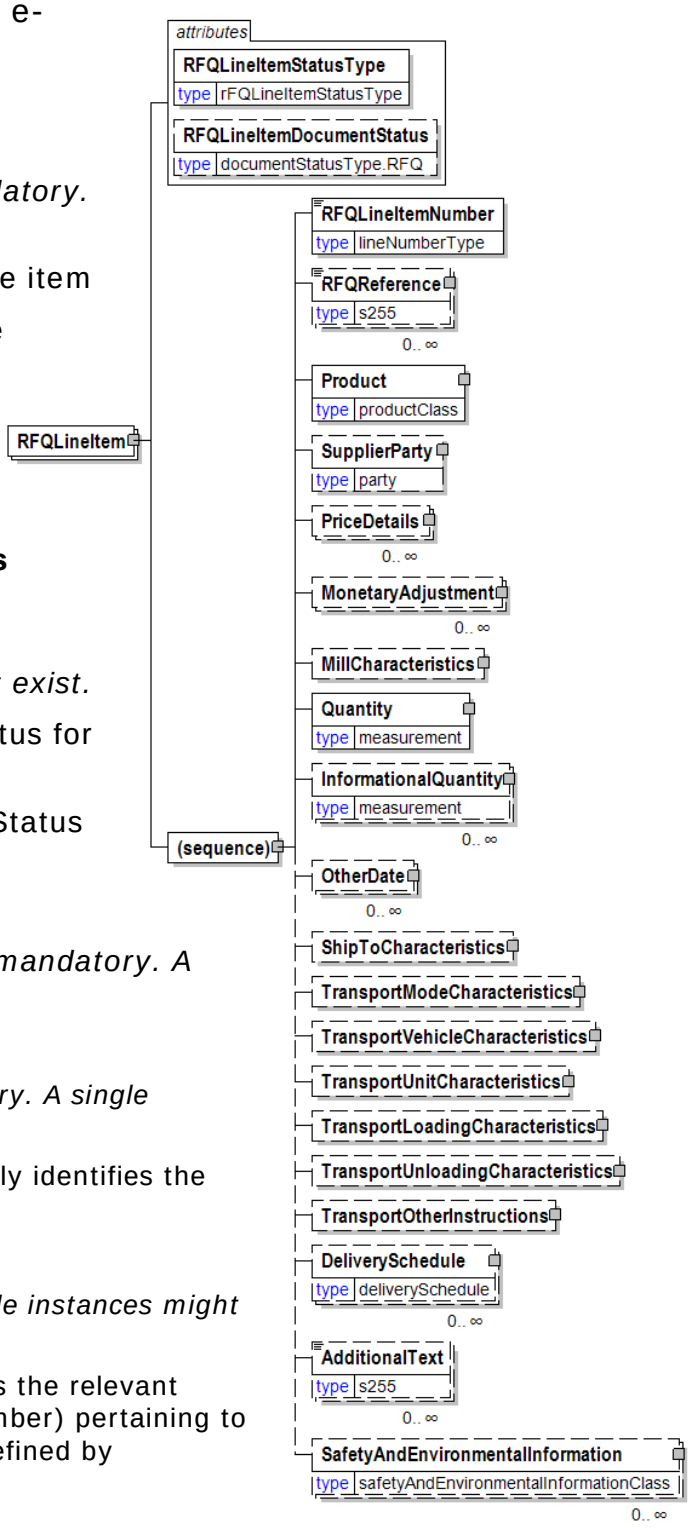
hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

RFQLineItem

The repetitive detail for the RFQ e-Document.



RFQLineItemStatusType [attribute]

RFQLineItemStatusType is mandatory. A single instance is required.

Defines the status of the RFQ line item

Refer to RFQLineItemStatusType definition for any enumerations.

RFQLineItemDocumentStatus [attribute]

RFQLineItemDocumentStatus is optional. A single instance might exist.

Defines the actual document status for the RFQLineItem.

Refer to RFQLineItemDocumentStatus definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

RFQLineItemNumber

RFQLineItemNumber is mandatory. A single instance is required.

A sequential number that uniquely identifies the RFQ line item.

RFQReference

RFQReference is optional. Multiple instances might exist.

A repeatable element that details the relevant references (such as contract number) pertaining to the RFQ. The RFQReference is defined by RFQReferenceType.

Product

Product is mandatory. A single instance is required.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

SupplierParty

SupplierParty is optional. A single instance might exist.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

PriceDetails

PriceDetails is optional. Multiple instances might exist.

An element that groups together price information.

MonetaryAdjustment

MonetaryAdjustment is optional. Multiple instances might exist.

The element containing the information necessary for the understanding, calculation, and treatment of an adjustment to a currency amount. MonetaryAdjustment contains an attribute that indicates they type of adjustment being communicated.

MillCharacteristics

MillCharacteristics is optional. A single instance might exist.

A group item defining the mill party and machine identifier where a product is or was produced.

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

OtherDate

OtherDate is optional. Multiple instances might exist.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

ShipToCharacteristics

ShipToCharacteristics is optional. A single instance might exist.

A group item that provides information important for the Ship-To Party.

ShipToCharacteristics may be referenced at both the header and line item level. The reference at the header is required and acts as a default for the value at the line level, unless overridden at the line level.

TransportModeCharacteristics

TransportModeCharacteristics is optional. A single instance might exist.

A group item defining the primary mode of transport.

TransportVehicleCharacteristics

TransportVehicleCharacteristics is optional. A single instance might exist.

A group item containing information about a transport vehicle, e.g. a truck. A transport vehicle has its own power and can be used to pull, push, carry, or tow a transport unit loaded with goods.

TransportUnitCharacteristics

TransportUnitCharacteristics is optional. A single instance might exist.

A group item containing information about a transport unit, e.g. a trailer. Transport units contain goods and move using power from another source, the transport vehicle.

TransportLoadingCharacteristics

TransportLoadingCharacteristics is optional. A single instance might exist.

A group item defining how the transported items are to be loaded.

TransportUnloadingCharacteristics

TransportUnloadingCharacteristics is optional. A single instance might exist.

A group item defining how the transported items are to be unloaded.

TransportOtherInstructions

TransportOtherInstructions is optional. A single instance might exist.

A group item defining any other instructions for the transport not covered in the description of transport mode, vehicle, unit, and loading characteristics or defining an alternative description for the categories mentioned above.

DeliverySchedule

DeliverySchedule is optional. Multiple instances might exist.

A group item defining a series of DeliveryDateWindow(s) in which specified quantities must be delivered.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

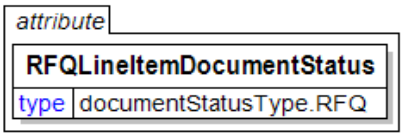
SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency).

RFQLineItemDocumentStatus [attribute]

Defines the actual document status for the RFQLineItem.



This item is restricted to the following list.

Cancelled

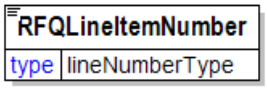
The supplied information of the document item is cancelled. Items that have been cancelled are not included in totals on the summary level of e-Documents.

Requested

The supplied information of the document item is ordered.

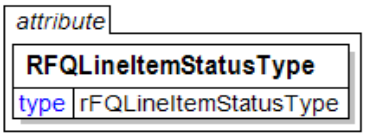
RFQLineItemNumber

A sequential number that uniquely identifies the RFQ line item.



RFQLineItemStatusType [attribute]

Defines the status of the RFQ line item



This item is restricted to the following list.

Accepted

The supplied information is accepted.

Amended

The supplied information is changed.

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

New

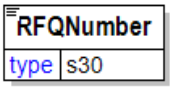
The supplied information is new and supplied for the first time.

NoAction

The supplied information has not been amended and thereby requires no action.

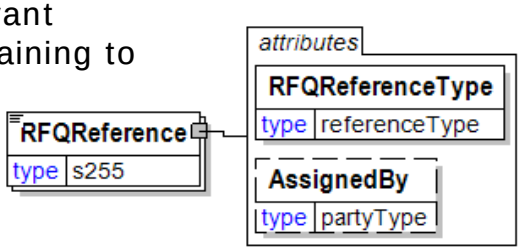
RFQNumber

The unique RFQ identifier as designated by the buyer.



RFQReference

A repeatable element that details the relevant references (such as contract number) pertaining to the RFQ. The RFQReference is defined by RFQReferenceType.



RFQReferenceType [attribute]

RFQReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to RFQReferenceType definition for any enumerations.

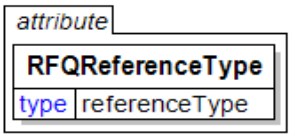
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

RFQReferenceType [attribute]

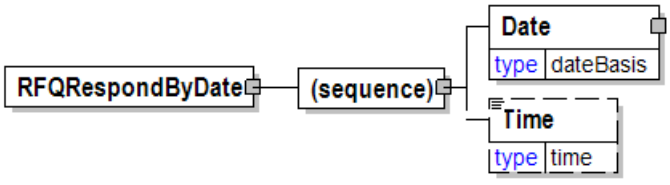


Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

RFQRespondByDate

The Date and Time by which a response needs to be received by the RFQ issuer.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

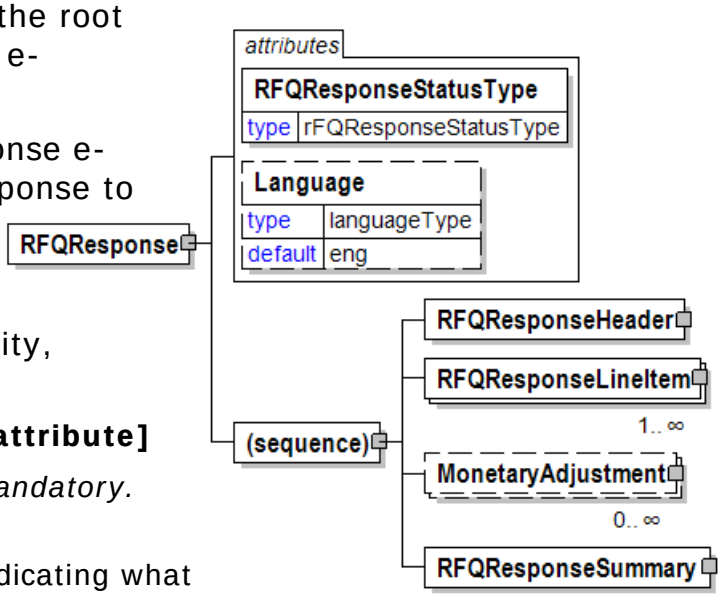
Times are treated in a standard XML fashion with a special case used to indicate a generalized "local" time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use "Z" when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

RFQResponse

The RFQResponse element is the root element for the RFQResponse e-Document.

A supplier sends an RFQResponse e-Document to a buyer as a response to an RFQ e-Document from the buyer. The e-Document specifies a quotation for product availability, shipping, and price.



RFQResponseStatusType [attribute]

RFQResponseStatusType is mandatory. A single instance is required.

This attribute acts as a flag indicating what processing may be required.

Refer to RFQResponseStatusType definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

RFQResponseHeader

RFQResponseHeader is mandatory. A single instance is required.

Information that pertains to the entire RFQResponse.

RFQResponseLineItem

RFQResponseLineItem is mandatory. One instance is required, multiple instances might exist.

A group element that contains the response details provided by the party responding to the RFQ.

MonetaryAdjustment

MonetaryAdjustment is optional. Multiple instances might exist.

The element containing the information necessary for the understanding, calculation, and treatment of an adjustment to a currency amount. MonetaryAdjustment contains an attribute that indicates they type of adjustment being communicated.

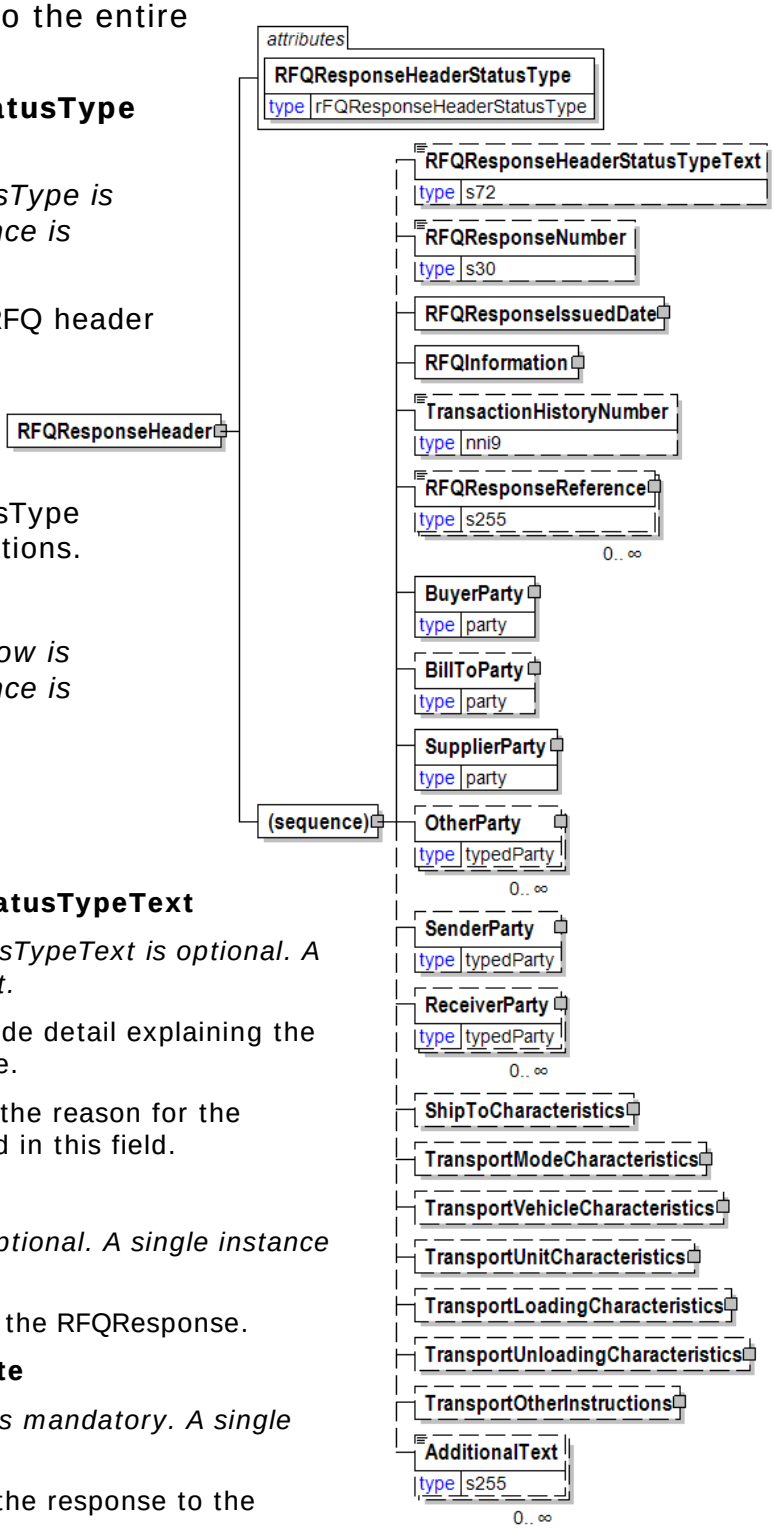
RFQResponseSummary

RFQResponseSummary is mandatory. A single instance is required.

A group element that contains information that summarizes the contents of the RFQResponse.

RFQResponseHeader

Information that pertains to the entire RFQResponse.



RFQResponseHeaderStatusType [attribute]

RFQResponseHeaderStatusType is mandatory. A single instance is required.

Defines the status of the RFQ header

Refer to

RFQResponseHeaderStatusType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

RFQResponseHeaderStatusTypeText

RFQResponseHeaderStatusTypeText is optional. A single instance might exist.

A text field that may provide detail explaining the status of the RFQResponse.

When an RFQ is rejected, the reason for the rejection must be specified in this field.

RFQResponseNumber

RFQResponseNumber is optional. A single instance might exist.

The identifying number of the RFQResponse.

RFQResponseIssuedDate

RFQResponseIssuedDate is mandatory. A single instance is required.

The Date and Time when the response to the RFQResponse was issued.

RFQInformation

RFQInformation is mandatory. A single instance is required.

A group item containing information unique to this RFQ which is provided by the buyer.

TransactionHistoryNumber

TransactionHistoryNumber is optional. A single instance might exist.

A sequential number that keeps track of the version of a document being sent by the document originator except in the case where TransactionHistoryConfirmation is used, in which case the TransactionHistoryNumber refers to the trigger transaction for which the confirmation is being sent.

RFQResponseReference

RFQResponseReference is optional. Multiple instances might exist.

An element that details the relevant references (such as contract number) pertaining to the RFQResponse. RFQResponseReferenceType indicates what type of reference is being communicated.

BuyerParty

BuyerParty is mandatory. A single instance is required.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

BillToParty

BillToParty is optional. A single instance might exist.

The address where the invoice is to be sent.

SupplierParty

SupplierParty is mandatory. A single instance is required.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

SenderParty

SenderParty is optional. A single instance might exist.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is optional. Multiple instances might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

ShipToCharacteristics

ShipToCharacteristics is optional. A single instance might exist.

A group item that provides information important for the Ship-To Party.

ShipToCharacteristics may be referenced at both the header and line item level.

The reference at the header is required and acts as a default for the value at the line level, unless overridden at the line level.

TransportModeCharacteristics

TransportModeCharacteristics is optional. A single instance might exist.

A group item defining the primary mode of transport.

TransportVehicleCharacteristics

TransportVehicleCharacteristics is optional. A single instance might exist.

A group item containing information about a transport vehicle, e.g. a truck. A transport vehicle has its own power and can be used to pull, push, carry, or tow a transport unit loaded with goods.

TransportUnitCharacteristics

TransportUnitCharacteristics is optional. A single instance might exist.

A group item containing information about a transport unit, e.g. a trailer. Transport units contain goods and move using power from another source, the transport vehicle.

TransportLoadingCharacteristics

TransportLoadingCharacteristics is optional. A single instance might exist.

A group item defining how the transported items are to be loaded.

TransportUnloadingCharacteristics

TransportUnloadingCharacteristics is optional. A single instance might exist.

A group item defining how the transported items are to be unloaded.

TransportOtherInstructions

TransportOtherInstructions is optional. A single instance might exist.

A group item defining any other instructions for the transport not covered in the description of transport mode, vehicle, unit, and loading characteristics or defining an alternative description for the categories mentioned above.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

RFQResponseHeaderStatusType [attribute]

Defines the status of the RFQ header



This item is restricted to the following list.

Accepted

The supplied information is accepted.

Amended

The supplied information is changed

Counterproposal

The sender is presenting a different proposal.

NoAction

The supplied information has not been amended and thereby requires no action.

Pending

The supplied information is not complete and will be updated later.

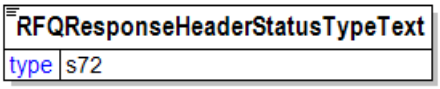
Rejected

The supplied information is rejected.

RFQResponseHeaderStatusTypeText

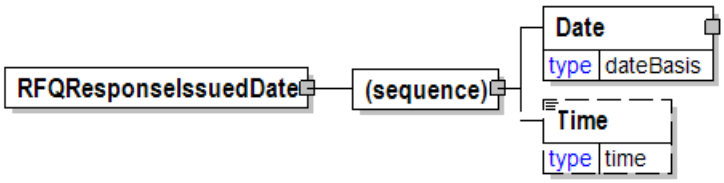
A text field that may provide detail explaining the status of the RFQResponse.

When an RFQ is rejected, the reason for the rejection must be specified in this field.



RFQResponseIssuedDate

The Date and Time when the response to the RFQResponse was issued.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

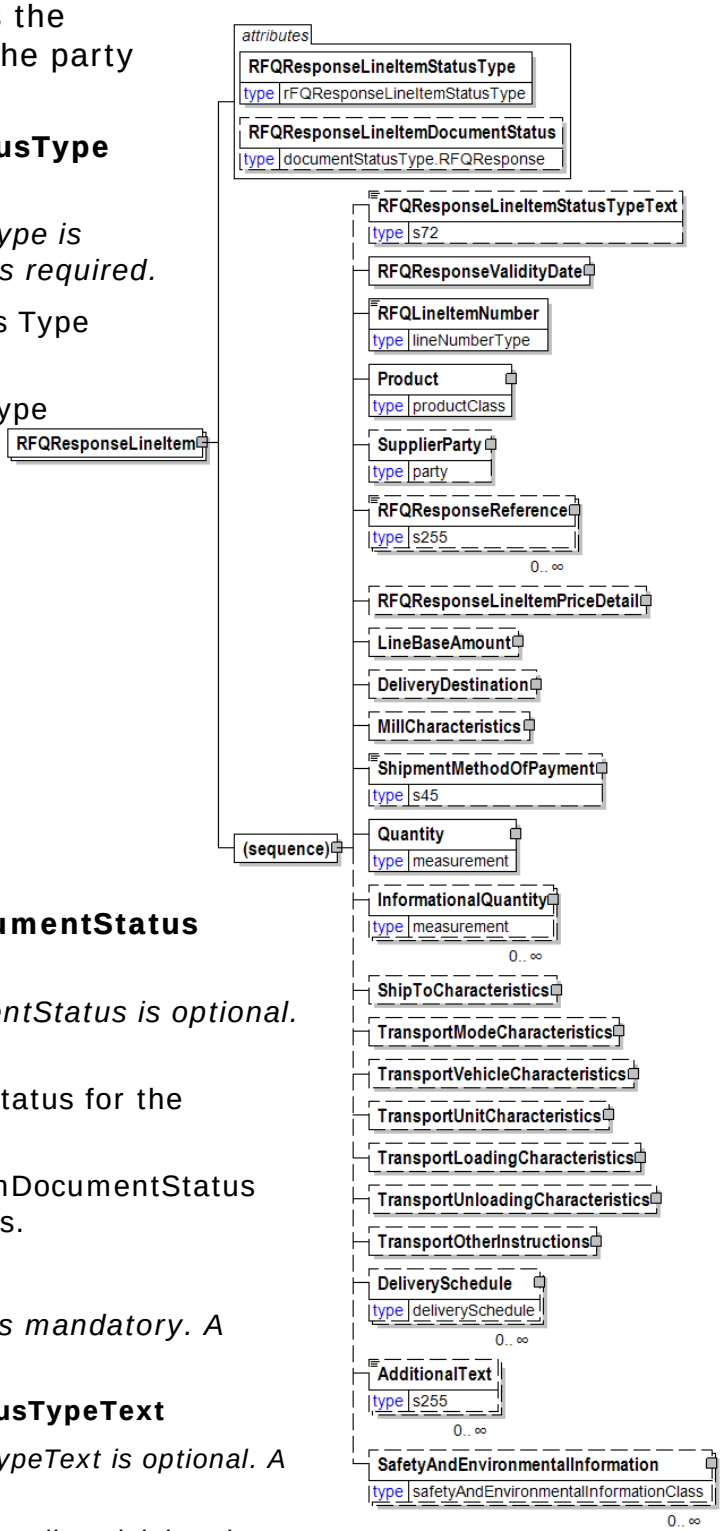
hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

RFQResponseLineItem

A group element that contains the response details provided by the party responding to the RFQ.



RFQResponseLineItemStatusType [attribute]

RFQResponseLineItemStatusType is mandatory. A single instance is required.

RFQResponse Line Item Status Type

Refer to RFQResponseLineItemStatusType definition for any enumerations.

RFQResponseLineItemDocumentStatus [attribute]

RFQResponseLineItemDocumentStatus is optional. A single instance might exist.

Defines the actual document status for the RFQResponseLineItem.

Refer to RFQResponseLineItemDocumentStatus definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

RFQResponseLineItemStatusTypeText

RFQResponseLineItemStatusTypeText is optional. A single instance might exist.

A text field that may provide detail explaining the status of the RFQResponseLineItem.

When an RFQLineItem is rejected, the reason for the rejection must be specified in this field.

RFQResponseValidityDate

RFQResponseValidityDate is mandatory. A single instance is required.

The Date and Time within which a response to the RFQ is valid.

RFQLineItemNumber

RFQLineItemNumber is mandatory. A single instance is required.

A sequential number that uniquely identifies the RFQ line item.

Product

Product is mandatory. A single instance is required.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

SupplierParty

SupplierParty is optional. A single instance might exist.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

RFQResponseReference

RFQResponseReference is optional. Multiple instances might exist.

An element that details the relevant references (such as contract number) pertaining to the RFQResponse. RFQResponseReferenceType indicates what type of reference is being communicated.

RFQResponseLineItemPriceDetail

RFQResponseLineItemPriceDetail is optional. A single instance might exist.

The pricing information associated with the response to an RFQ.

LineBaseAmount

LineBaseAmount is optional. A single instance might exist.

For the particular e-Document being communicated the LineBaseAmount represents the quantity times the base unit price.

DeliveryDestination

DeliveryDestination is optional. A single instance might exist.

The DeliveryDestination specifies the end of one leg of the delivery. In order to comply with the US Trade Act of 2002 you would use this element with a LocationParty/@PartyType of Port.

MillCharacteristics

MillCharacteristics is optional. A single instance might exist.

A group item defining the mill party and machine identifier where a product is or was produced.

ShipmentMethodOfPayment

ShipmentMethodOfPayment is optional. A single instance might exist.

An element communicating responsibility of freight payment and when transfer of ownership will occur.

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of

quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

ShipToCharacteristics

ShipToCharacteristics is optional. A single instance might exist.

A group item that provides information important for the Ship-To Party.

ShipToCharacteristics may be referenced at both the header and line item level. The reference at the header is required and acts as a default for the value at the line level, unless overridden at the line level.

TransportModeCharacteristics

TransportModeCharacteristics is optional. A single instance might exist.

A group item defining the primary mode of transport.

TransportVehicleCharacteristics

TransportVehicleCharacteristics is optional. A single instance might exist.

A group item containing information about a transport vehicle, e.g. a truck. A transport vehicle has its own power and can be used to pull, push, carry, or tow a transport unit loaded with goods.

TransportUnitCharacteristics

TransportUnitCharacteristics is optional. A single instance might exist.

A group item containing information about a transport unit, e.g. a trailer. Transport units contain goods and move using power from another source, the transport vehicle.

TransportLoadingCharacteristics

TransportLoadingCharacteristics is optional. A single instance might exist.

A group item defining how the transported items are to be loaded.

TransportUnloadingCharacteristics

TransportUnloadingCharacteristics is optional. A single instance might exist.

A group item defining how the transported items are to be unloaded.

TransportOtherInstructions

TransportOtherInstructions is optional. A single instance might exist.

A group item defining any other instructions for the transport not covered in the description of transport mode, vehicle, unit, and loading characteristics or defining an alternative description for the categories mentioned above.

DeliverySchedule

DeliverySchedule is optional. Multiple instances might exist.

A group item defining a series of DeliveryDateWindow(s) in which specified quantities must be delivered.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

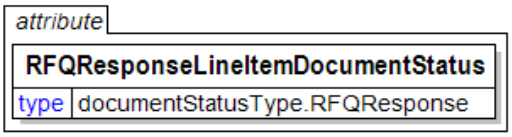
SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency).

RFQResponseLineItemDocumentStatus [attribute]

Defines the actual document status for the RFQResponseLineItem.



This item is restricted to the following list.

Cancelled

The supplied information of the document item is cancelled. Items that have been cancelled are not included in totals on the summary level of e-Documents.

Confirmed

The supplied information of the document item is agreed. If a requested change or cancellation of an existing document item can not be accepted, then the earlier agreed information of the document item will be re-confirmed.

Pending

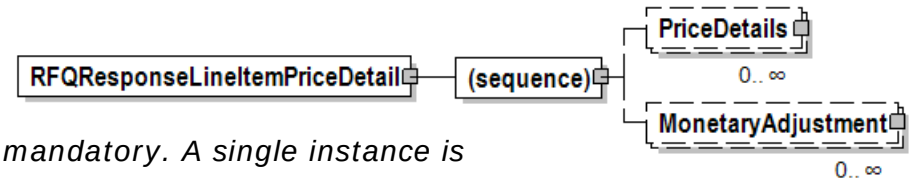
The supplied information of the document item is being investigated.

Rejected

The supplied information of the document item can not be accepted. The document item is new or not earlier confirmed.

RFQResponseLineItemPriceDetail

The pricing information associated with the response to an RFQ.



(sequence)

The sequence of items below is mandatory. A single instance is required.

PriceDetails

PriceDetails is optional. Multiple instances might exist.

An element that groups together price information.

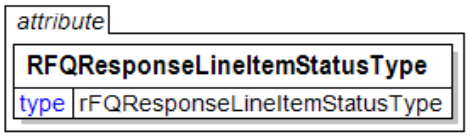
MonetaryAdjustment

MonetaryAdjustment is optional. Multiple instances might exist.

The element containing the information necessary for the understanding, calculation, and treatment of an adjustment to a currency amount. MonetaryAdjustment contains an attribute that indicates they type of adjustment being communicated.

RFQResponseLineItemStatusType [attribute]

RFQResponse Line Item Status Type



This item is restricted to the following list.

Accepted

The supplied information is accepted.

Amended

The supplied information is changed.

Counterproposal

The sender is presenting a different proposal.

NoAction

The supplied information has not been amended and thereby requires no action.

Pending

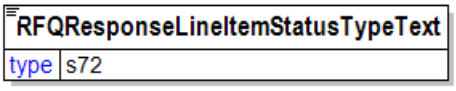
The supplied information is not complete and will be updated later.

Rejected

The supplied information is rejected.

RFQResponseLineItemStatusTypeText

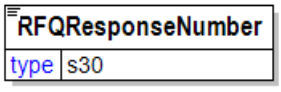
A text field that may provide detail explaining the status of the RFQResponseLineItem.



When an RFQLineItem is rejected, the reason for the rejection must be specified in this field.

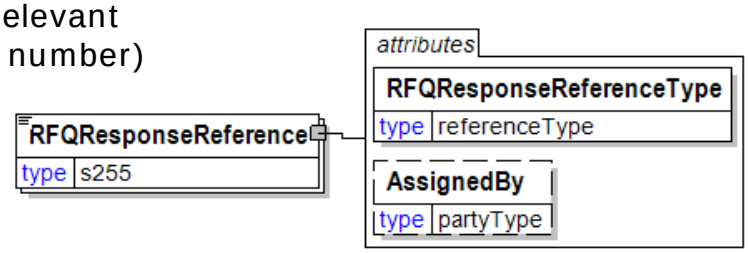
RFQResponseNumber

The identifying number of the RFQResponse.



RFQResponseReference

An element that details the relevant references (such as contract number) pertaining to the RFQResponse.



RFQResponseReferenceType indicates what type of reference is being communicated.

RFQResponseReferenceType [attribute]

RFQResponseReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to RFQResponseReferenceType definition for any enumerations.

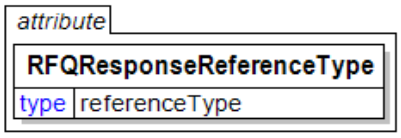
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

RFQResponseReferenceType [attribute]

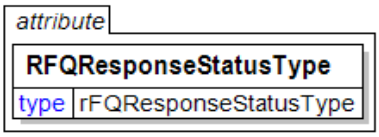


Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

RFQResponseStatusType [attribute]

This attribute acts as a flag indicating what processing may be required.



This item is restricted to the following list.

Accepted

The supplied information is accepted.

Amended

The supplied information is changed.

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

Counterproposal

The sender is presenting a different proposal.

Rejected

The supplied information is rejected.

RFQResponseSummary

A group element that contains information that summarizes the contents of the RFQResponse.

(sequence)

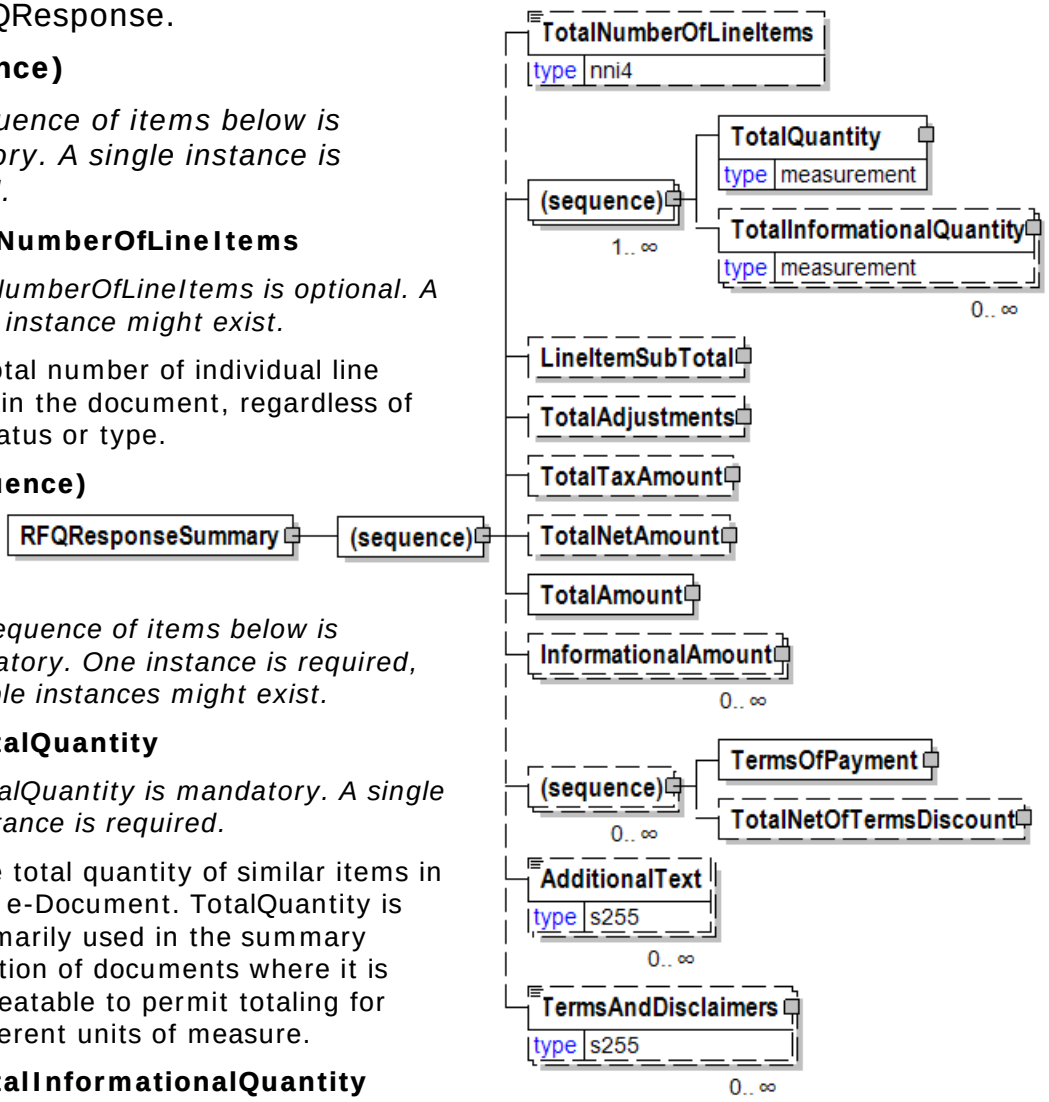
The sequence of items below is mandatory. A single instance is required.

TotalNumberOfLineItems

TotalNumberOfLineItems is optional. A single instance might exist.

The total number of individual line items in the document, regardless of the status or type.

(sequence)



The sequence of items below is mandatory. One instance is required, multiple instances might exist.

TotalQuantity

TotalQuantity is mandatory. A single instance is required.

The total quantity of similar items in the e-Document. TotalQuantity is primarily used in the summary section of documents where it is repeatable to permit totaling for different units of measure.

TotalInformationalQuantity

TotalInformationalQuantity is optional. Multiple instances might exist.

A quantity that is used to communicate related information about the parent element. This element represents a total that is derived from individual line items.

LineItemSubTotal

LineItemSubTotal is optional. A single instance might exist.

The total amount of all base amounts on e-Document line items. The base amount contains the result of the calculation quantity times the base unit price. As such it does not include any taxes. For example, in an Invoice claiming payment for products LineItemSubTotal is equal to the sum of all InvoiceLineBaseAmount.

TotalAdjustments

TotalAdjustments is optional. A single instance might exist.

The CurrencyValue of TotalAdjustments contains the total of all adjustments and charges excluding tax. For example, in the Invoice TotalAdjustments is equal to the sum of the signed values of the MonetaryAdjustmentAmount for all instances of MonetaryAdjustment with PriceAdjustment and FlatAmountAdjustment and plus the sum of the signed values of the ChargeNetAmount for all instances of

ChargeInformation.

TotalTaxAmount

TotalTaxAmount is optional. A single instance might exist.

The CurrencyValue of TotalTaxAmount contains the sum of all instances of TaxAdjustment in the document. TotalTaxAmount contains the sum of all instances of the MonetaryAdjustmentAmount for tax adjustments.

TotalNetAmount

TotalNetAmount is optional. A single instance might exist.

A field containing total amount excluding tax. For example, in the Invoice TotalNetAmount is equal to the sum of LineItemSubTotal plus TotalAdjustments. TotalNetAmount encapsulates CurrencyValue.

TotalAmount

TotalAmount is mandatory. A single instance is required.

The total amount including tax (when tax is specified in the e-Document).

In e-Documents claiming payment this is the amount due for payment based on the terms of payment. Decimal rounding might be applied to this amount.

InformationalAmount

InformationalAmount is optional. Multiple instances might exist.

A monetary amount used for information purposes only (not for calculation). For example, the invoice price adjustment subtotal is expressed in sterling pounds, and the buyer wants this information expressed in U.S. dollars.

CreditDebitNote and Invoice - The TaxAmount is displayed in the currency that is applicable throughout the e-Document. When a TaxAmount needs to be displayed in a different national currency, this field is used.

(sequence)

The sequence of items below is optional. Multiple instances might exist.

TermsOfPayment

TermsOfPayment is mandatory. A single instance is required.

A group item that contains agreed-to terms defining when, how, and under what conditions the payment is to be made.

When TermsOfPayment is optional; if omitted, TermsOfPayment is controlled through previous negotiation.

TotalNetOfTermsDiscount

TotalNetOfTermsDiscount is optional. A single instance might exist.

The components of the amount to be paid if prompt payment discount terms are met, including the amount that is subject to the payment terms discount, the discount amount, and the amount due after prompt payment discount.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

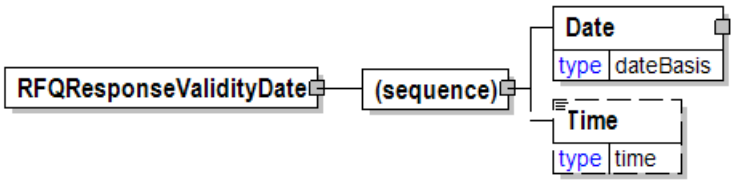
TermsAndDisclaimers

TermsAndDisclaimers is optional. Multiple instances might exist.

An element that contains legal information with an indication of what the Language is.

RFQResponseValidityDate

The Date and Time within which a response to the RFQ is valid.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized "local" time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

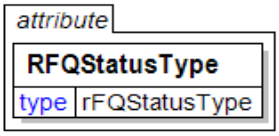
hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use "Z" when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

RFQStatusType [attribute]

This attribute acts as a flag indicating what processing may be required.



This item is restricted to the following list.

Amended

The supplied information is changed.

Cancelled

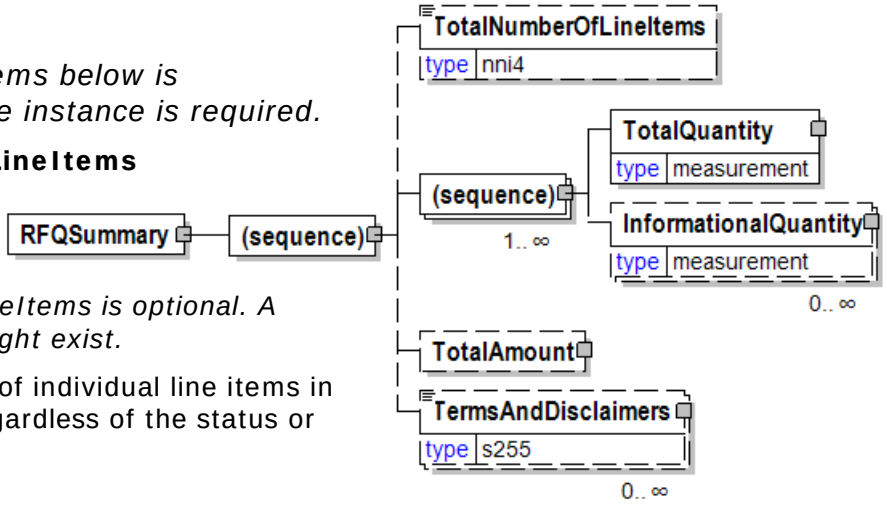
The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

Original

The supplied information is the first version of that information.

RFQSummary

Summary information that applies to the RFQ e-Document.



(sequence)

The sequence of items below is mandatory. A single instance is required.

TotalNumberOfLineItems

TotalNumberOfLineItems is optional. A single instance might exist.

The total number of individual line items in the document, regardless of the status or type.

(sequence)

The sequence of items below is mandatory. One instance is required, multiple instances might exist.

TotalQuantity

TotalQuantity is mandatory. A single instance is required.

The total quantity of similar items in the e-Document. TotalQuantity is primarily used in the summary section of documents where it is repeatable to permit totaling for different units of measure.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

TotalAmount

TotalAmount is optional. A single instance might exist.

The total amount including tax (when tax is specified in the e-Document).

In e-Documents claiming payment this is the amount due for payment based on the terms of payment. Decimal rounding might be applied to this amount.

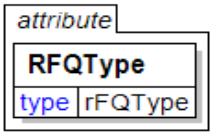
TermsAndDisclaimers

TermsAndDisclaimers is optional. Multiple instances might exist.

An element that contains legal information with an indication of what the Language is.

RFQType [attribute]

Defines the type of RFQ issued.



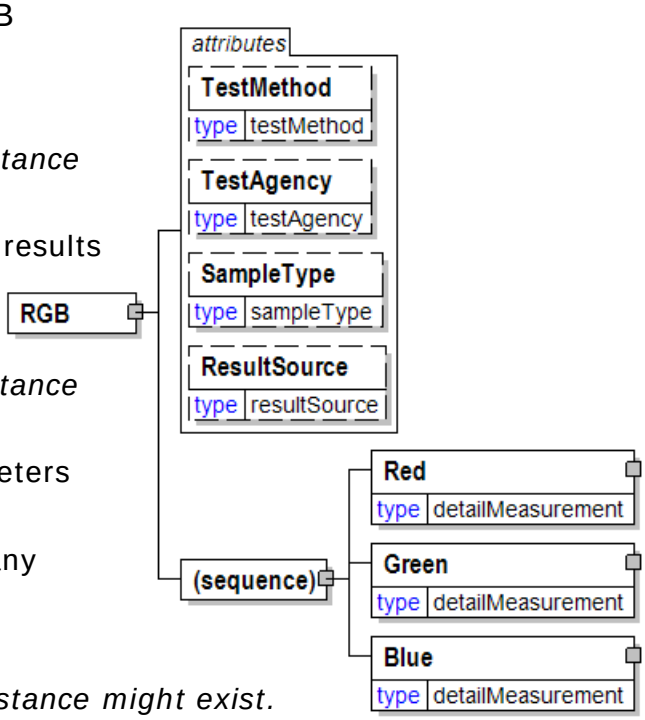
This item is restricted to the following list.

StandardRFQ

The only type of RFQ.

RGB

A definition of colour using the RGB protocol.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Red

Red is mandatory. A single instance is required.

The “Red” portion of the method of representing colour termed RGB.

Green

Green is mandatory. A single instance is required.

The “Green” portion of the method of representing colour termed RGB

Blue

Blue is mandatory. A single instance is required.

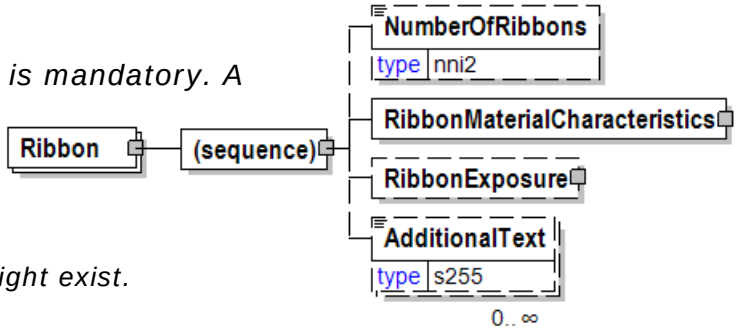
The “Blue” portion of the method of representing colour termed RGB.

Ribbon

Ribbon information.

(sequence)

The sequence of items below is mandatory. A single instance is required.



NumberOfRibbons

NumberOfRibbons is optional. A single instance might exist.

The number of ribbons.

RibbonMaterialCharacteristics

RibbonMaterialCharacteristics is mandatory. A single instance is required.

Ribbon material characteristics.

RibbonExposure

RibbonExposure is optional. A single instance might exist.

Ribbon exposure

AdditionalText

AdditionalText is optional. Multiple instances might exist.

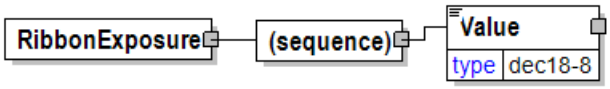
A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

RibbonExposure

Ribbon exposure

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RibbonFacingType [attribute]

The type of ribbon facing

This item is restricted to the following list.

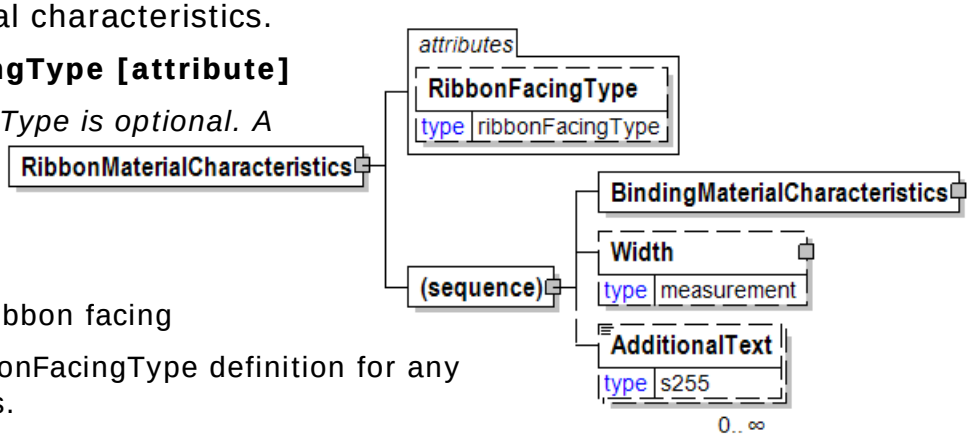


Double

Single

RibbonMaterialCharacteristics

Ribbon material characteristics.



RibbonFacingType [attribute]

RibbonFacingType is optional. A single instance might exist.

The type of ribbon facing

Refer to RibbonFacingType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

BindingMaterialCharacteristics

BindingMaterialCharacteristics is mandatory. A single instance is required.

Binding Material Characteristics

Width

Width is optional. A single instance might exist.

The width of the object.

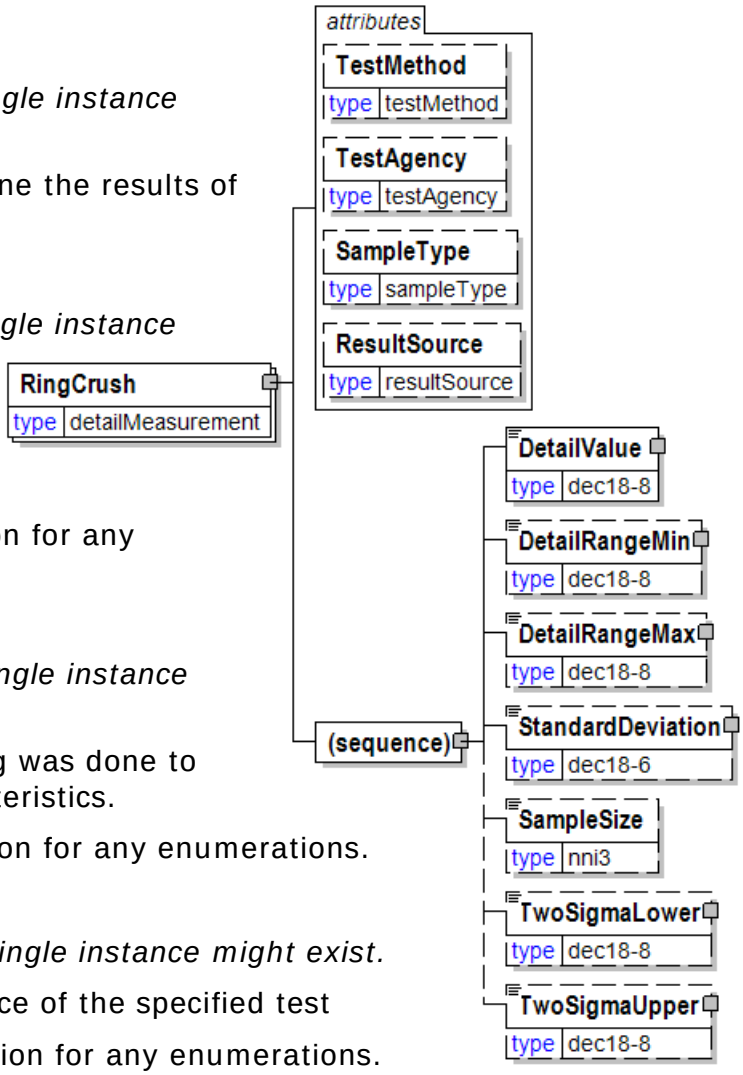
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

RingCrush

Ring Crush



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

RoadAccessibilityType [attribute]

Defines the largest vehicle and transport unit combination that can access the road according to the road curving, bends, hills and slopes.



This item is restricted to the following list.

Trailer

Road is accessible for a truck with trailer.

DrawBarCombination

Road is accessible for a drawbar combination.

DrawBarCombinationWithAdjustableBogie

Road is accessible for a drawbar combination with trailer equipped with adjustable bogie.

RigidLorry

Road is accessible for shorter vehicles that is, a rigid lorry without trailer.

RoadAvailability

Defines when in the year or season the road is available.



This item is restricted to the following list.

AllYear

Road is available all year for all kind of traffic.

NotAvailable

Road is temporarily not available for transporting

NotInHeavyRain

Road is not available for trucks in heavy rain periods.

NotInSevereThawing

Road is not available for trucks in severe soil frost thawing.

NotInWinter

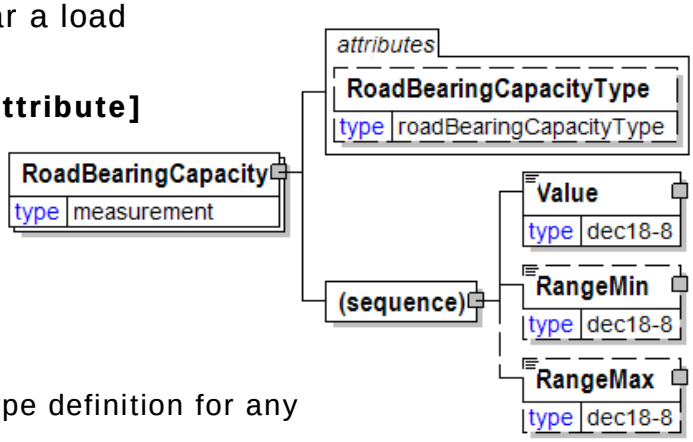
Road is not available in winter season. Only available in spring, summer and autumn season.

InWinter

Road is available for trucks only in winter season. In the Nordic region it is common with ice-roads over lakes etc in the winter season.

RoadBearingCapacity

The capacity for the road to bear a load without being damaged.



RoadBearingCapacityType [attribute]

RoadBearingCapacityType is optional. A single instance might exist.

Type of burden restriction for the road that is specified by RoadBearingCapacity.

Refer to RoadBearingCapacityType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

RangeMax

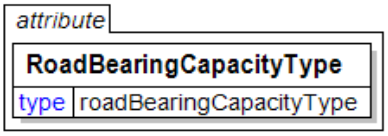
RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

RoadBearingCapacityType [attribute]

Type of burden restriction for the road that is specified by RoadBearingCapacity.

This item is restricted to the following list.



BogieLoad

Maximum load for a bogie (tandem axles).

SingleAxleLoad

Maximum axle load.

TripleAxleLoad

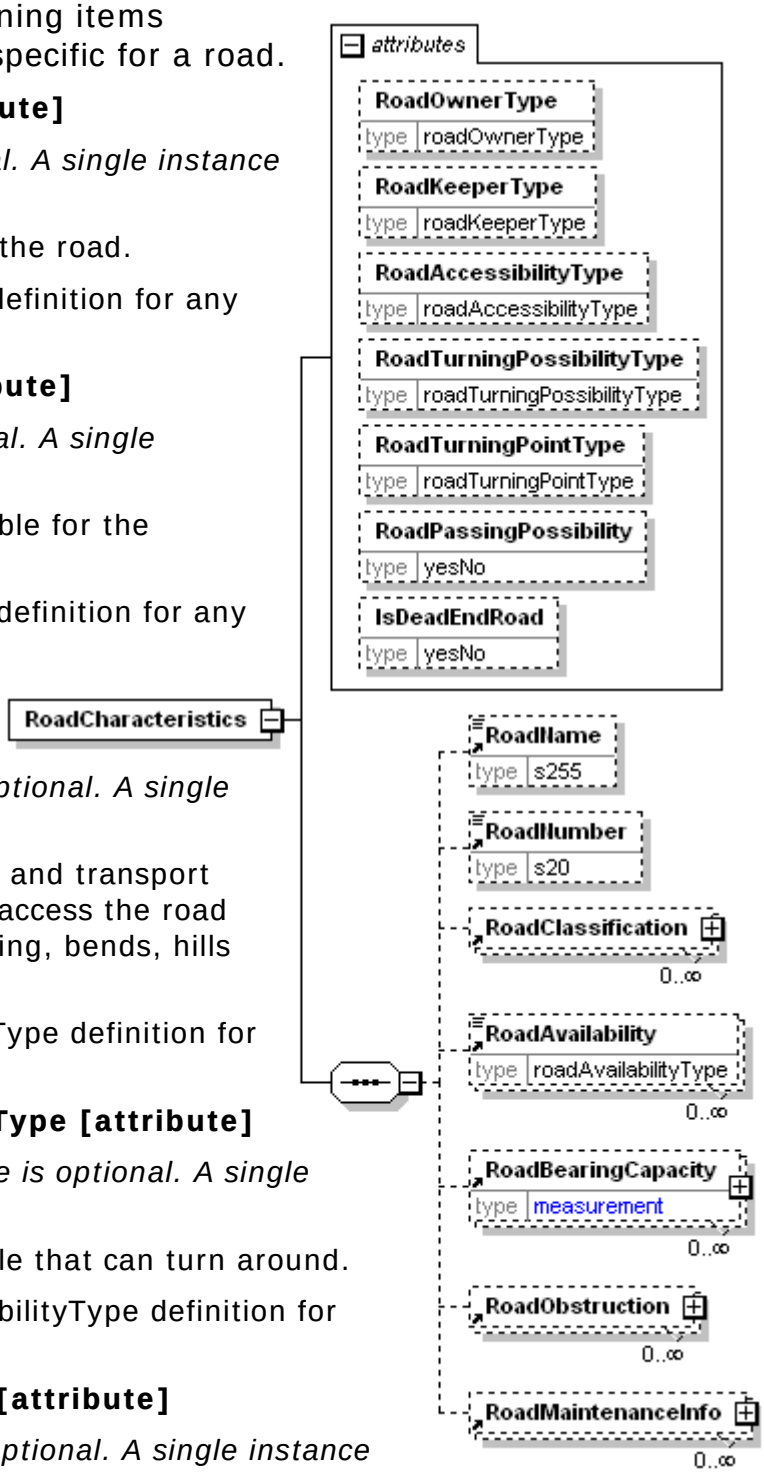
Maximum load for a triple axle.

TotalVehicleLoad

Maximum total load (gross weight) for a vehicle.

RoadCharacteristics

A grouping element containing items describing characteristics specific for a road.



RoadOwnerType [attribute]

RoadOwnerType is optional. A single instance might exist.

Defines the ownership for the road.

Refer to RoadOwnerType definition for any enumerations.

RoadKeeperType [attribute]

RoadKeeperType is optional. A single instance might exist.

Defines the party responsible for the maintenance of the road.

Refer to RoadKeeperType definition for any enumerations.

RoadAccessibilityType [attribute]

RoadAccessibilityType is optional. A single instance might exist.

Defines the largest vehicle and transport unit combination that can access the road according to the road curving, bends, hills and slopes.

Refer to RoadAccessibilityType definition for any enumerations.

RoadTurningPossibilityType [attribute]

RoadTurningPossibilityType is optional. A single instance might exist.

Defines what kind of vehicle that can turn around.

Refer to RoadTurningPossibilityType definition for any enumerations.

RoadTurningPointType [attribute]

RoadTurningPointType is optional. A single instance might exist.

Defines the shape of the turning point.

Refer to RoadTurningPointType definition for any enumerations.

RoadPassingPossibility [attribute]

RoadPassingPossibility is optional. A single instance might exist.

Defines if it is possible for two vehicles to pass each other on the road.

Refer to RoadPassingPossibility definition for any enumerations.

IsDeadEndRoad [attribute]

IsDeadEndRoad is optional. A single instance might exist.

A road with only one way in or out.

(sequence)

The sequence of items below is mandatory. A single instance is required.

RoadName

RoadName is optional. A single instance might exist.

Defines the name of the road.

RoadNumber

RoadNumber is optional. A single instance might exist.

Defines the official number of the road.

RoadClassification

RoadClassification is optional. Multiple instances might exist.

Grouping element for items describing how roads are classified.

RoadAvailability

RoadAvailability is optional. Multiple instances might exist.

Defines when in the year or season the road is available.

Refer to RoadAvailability definition for any enumerations.

RoadBearingCapacity

RoadBearingCapacity is optional. Multiple instances might exist.

The capacity for the road to bear a load without being damaged.

RoadObstruction

RoadObstruction is optional. Multiple instances might exist.

A grouping element containing items describing details for an obstruction on a road. If a MapPoint or MapCoordinates are specified then it marks the start point of the obstruction.

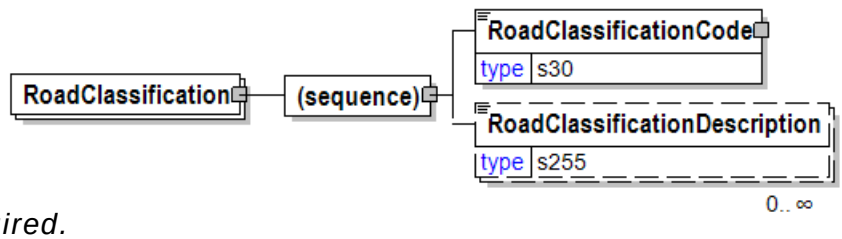
RoadMaintenanceInfo

RoadMaintenanceInfo is optional. Multiple instances might exist.

A grouping element that contains information about road maintenance.

RoadClassification

Grouping element for items describing how roads are classified.



(sequence)

The sequence of items below is mandatory. A single instance is required.

RoadClassificationCode

RoadClassificationCode is mandatory. A single instance is required.

Classification code for the road. Code is assigned by agency.

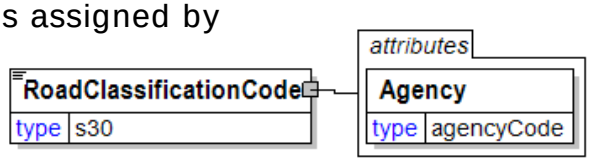
RoadClassificationDescription

RoadClassificationDescription is optional. Multiple instances might exist.

Description of the road classification.

RoadClassificationCode

Classification code for the road. Code is assigned by agency.



Agency [attribute]

Agency is mandatory. A single instance is required.

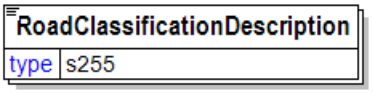
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

RoadClassificationDescription

Description of the road classification.



RoadKeeperType [attribute]

Defines the party responsible for the maintenance of the road.



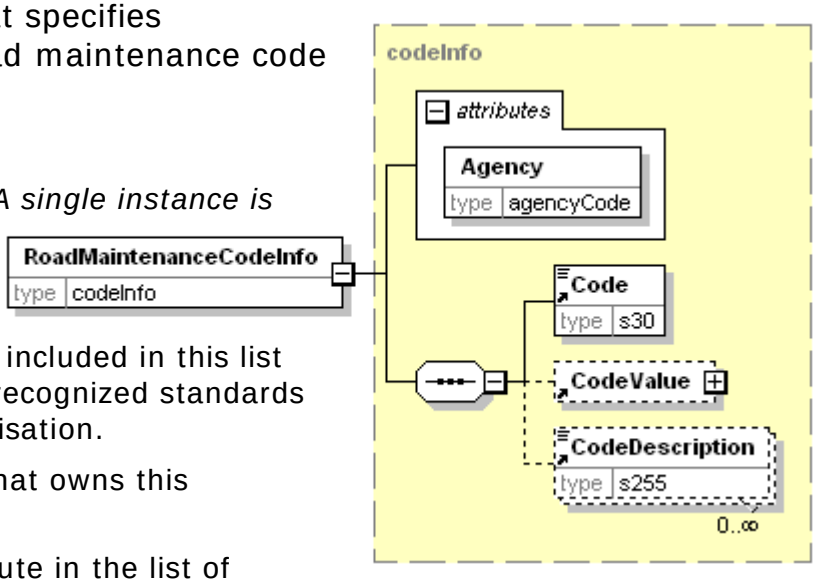
This item is restricted to the following list.

Public

Private

RoadMaintenanceCodeInfo

A grouping element that specifies information about a road maintenance code defined by an agency.



Agency [attribute]

Agency is mandatory. A single instance is required.

Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Code

Code is mandatory. A single instance is required.

Specifies a code that is defined by an agency. The agency is given for the whole construct containing the code.

CodeValue

CodeValue is optional. A single instance might exist.

A grouping element specifying a value belonging to a code that is defined by an agency.

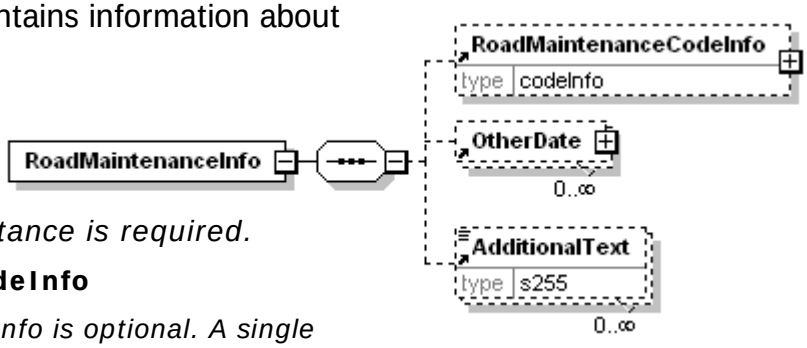
CodeDescription

CodeDescription is optional. Multiple instances might exist.

A textual description for the meaning of a code that is defined by an agency.

RoadMaintenanceInfo

A grouping element that contains information about road maintenance.



(sequence)

The sequence of items below is mandatory. A single instance is required.

RoadMaintenanceCodeInfo

RoadMaintenanceCodeInfo is optional. A single instance might exist.

A grouping element that specifies information about a road maintenance code

defined by an agency.

OtherDate

OtherDate is optional. Multiple instances might exist.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

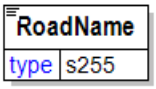
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

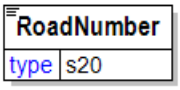
RoadName

Defines the name of the road.



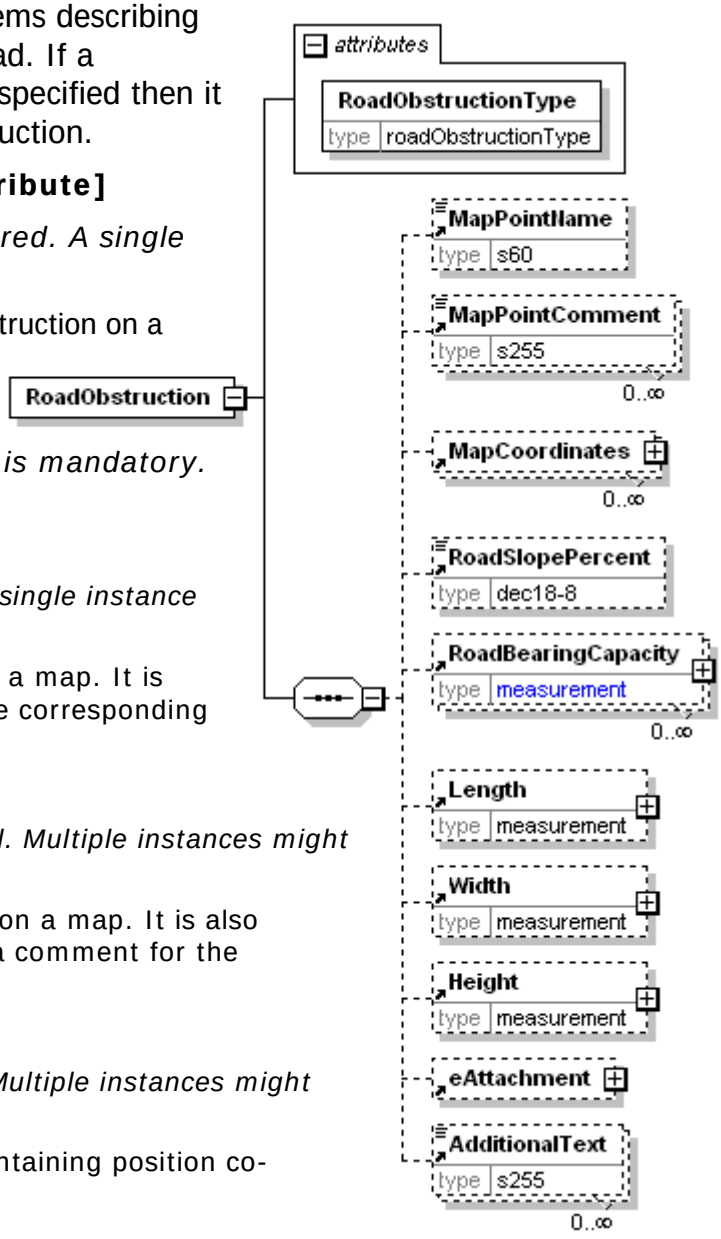
RoadNumber

Defines the official number of the road.



RoadObstruction

A grouping element containing items describing details for an obstruction on a road. If a MapPoint or MapCoordinates are specified then it marks the start point of the obstruction.



RoadObstructionType [attribute]

RoadObstructionType is required. A single instance must exist.

Defines the type of hazard or obstruction on a road.

(sequence)

The sequence of items below is mandatory. A single instance is required.

MapPointName

MapPointName is optional. A single instance might exist.

A unique name for a point on a map. It is also normally the name of the corresponding waypoint in a GPS.

MapPointComment

MapPointComment is optional. Multiple instances might exist.

A descriptive text for a point on a map. It is also normally shown in a GPS as a comment for the corresponding waypoint.

MapCoordinates

MapCoordinates is optional. Multiple instances might exist.

A group item defining and containing position co-ordinates of a location.

RoadSlopePercent

RoadSlopePercent is optional. A single instance may exist.

Specifies the gradient in percent for a road. A positive value indicates an uphill slope and a negative value a downhill slope

RoadBearingCapacity

RoadBearingCapacity is optional. Multiple instances might exist.

The capacity for the road to bear a load without being damaged.

Length

Length is optional. A single instance might exist.

The length of the object

Width

Width is optional. A single instance might exist.

The width of the object

Height

Height is optional. A single instance might exist.

The height of the object.

eAttachment

eAttachment is optional. A single instance might exist.

eAttachment enables the sender to provide information about attachments to the document.

Note: An element "e-Attachment" also exists. papiNet will no longer use hyphens in our element and attribute names as this causes issues with BizTalk.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

RoadObstructionType [attribute]

Defines the type of hazard or obstruction on a road.



This item is restricted to the following list.

Bridge

A bridge, e.g. for crossing over a river. A bridge might be restricted by width and bearing capacity.

Ferry

A ferry crossing with restrictions along a road. Typically restricted by width and bearing capacity.

Passage

A section or crossing with restrictions along a road. Typically restricted by width.

RoadWorks

Repairs to a road forming a hazard or obstruction to traffic.

Slope

A section of a road with a gradient forming obstruction to traffic

UnderPass

A section of a road that passes under another road, railway line, etc. Typically restricted by height and width.

RoadOwnerType [attribute]

Defines the ownership for the road.



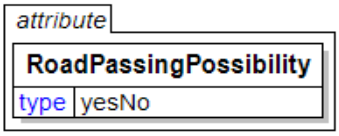
This item is restricted to the following list.

Public

Private

RoadPassingPossibility [attribute]

Defines if it is possible for two vehicles to pass each other on the road.



This item is restricted to the following list.

Yes

No

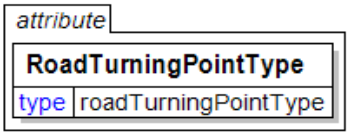
RoadSlopePercent

Specifies the gradient in percent for a road. A positive value indicates an uphill slope and a negative value a downhill slope.



RoadTurningPointType [attribute]

Defines the shape of the turning point.



This item is restricted to the following list.

Circle

Circle shaped turning place.

T-crossing

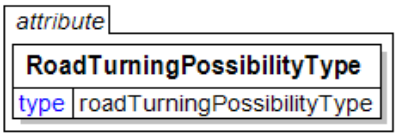
T-cross shaped intersection.

X-crossing

X-shaped intersection.

RoadTurningPossibilityType [attribute]

Defines what kind of vehicle that can turn around.



This item is restricted to the following list.

DrawBarCombination

Turning possibility for a drawbar combination.

DrawBarCombinationWithAdjustableBogie

Turning possibility for a drawbar combination with trailer equipped with adjustable bogie.

NoTurningPossibility

There is no turning possibility, the truck has to go in reverse direction when returning.

RigidLorry

Turning possibility for a rigid lorry without trailer.

ThroughAccessNoTurning

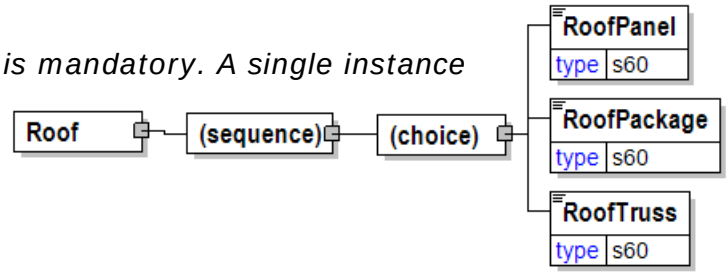
There is a through access but no turning possibility.

Trailer

Turning possibility for a truck with trailer.

Roof

Defines parts and complete roofing systems.



(sequence)

The sequence of items below is mandatory. A single instance is required.

(choice)

[choice] is optional because of choice construct.

RoofPanel

RoofPanel is optional because of choice construct.

Describes the roofing surface.

RoofPackage

RoofPackage is optional because of choice construct.

Roof package

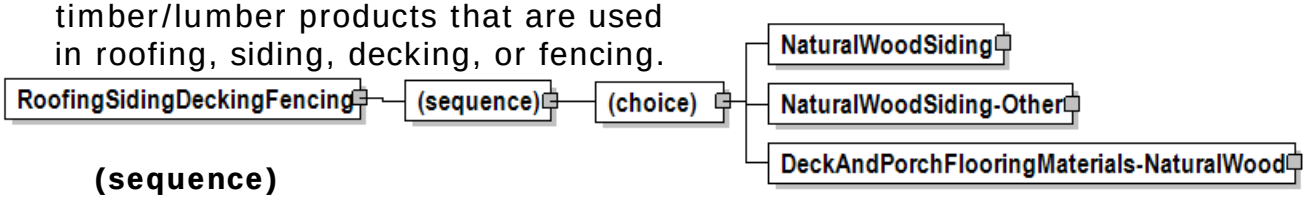
RoofTruss

RoofTruss is optional because of choice construct.

Describes the supporting material under roofing surface.

RoofingSidingDeckingFencing

A grouping element that contains the timber/lumber products that are used in roofing, siding, decking, or fencing.



(sequence)

The sequence of items below is mandatory. A single instance is required.

(choice)

[choice] is optional because of choice construct.

NaturalWoodSiding

NaturalWoodSiding is optional because of choice construct.

Natural wood siding

NaturalWoodSiding-Other

NaturalWoodSiding-Other is optional because of choice construct.

Natural Wood Siding - Other

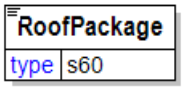
DeckAndPorchFlooringMaterials-NaturalWood

DeckAndPorchFlooringMaterials-NaturalWood is optional because of choice construct.

Deck and porch flooring materials that are used in natural wood products.

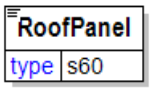
RoofPackage

Roof package



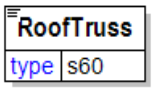
RoofPanel

Describes the roofing surface.



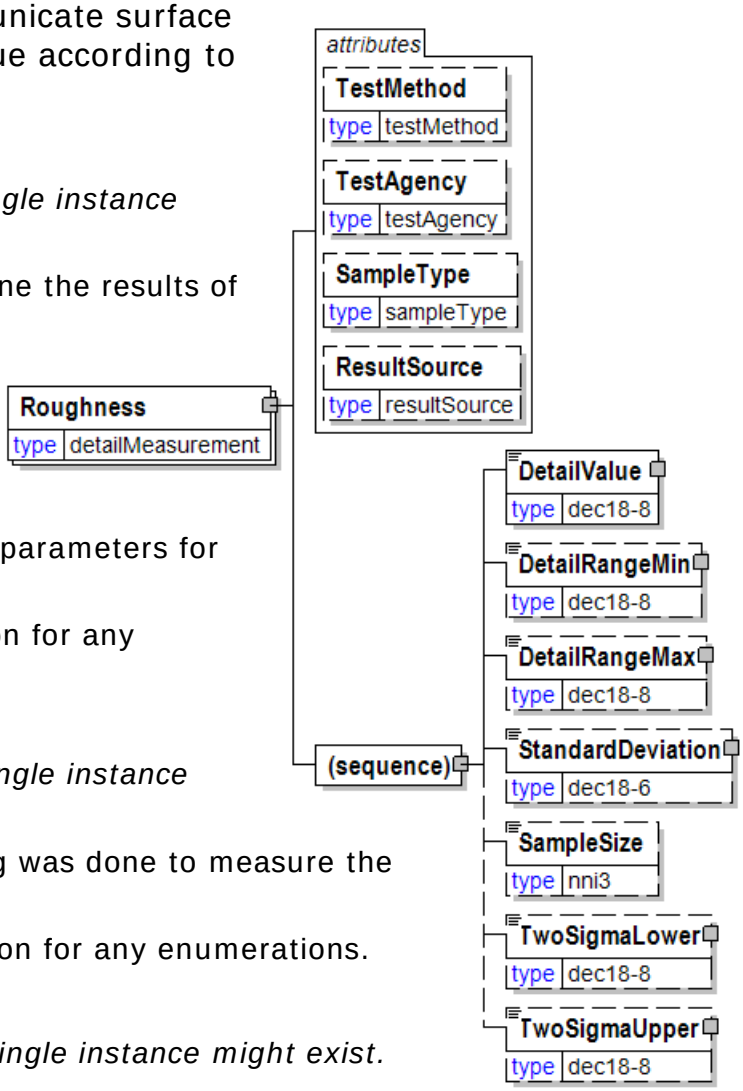
RoofTruss

Describes the supporting material under roofing surface.



Roughness

A group item used to communicate surface roughness target or test value according to a particular TestMethod.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

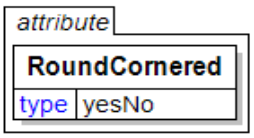
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

RoundCornered [attribute]

Is the item round cornered?



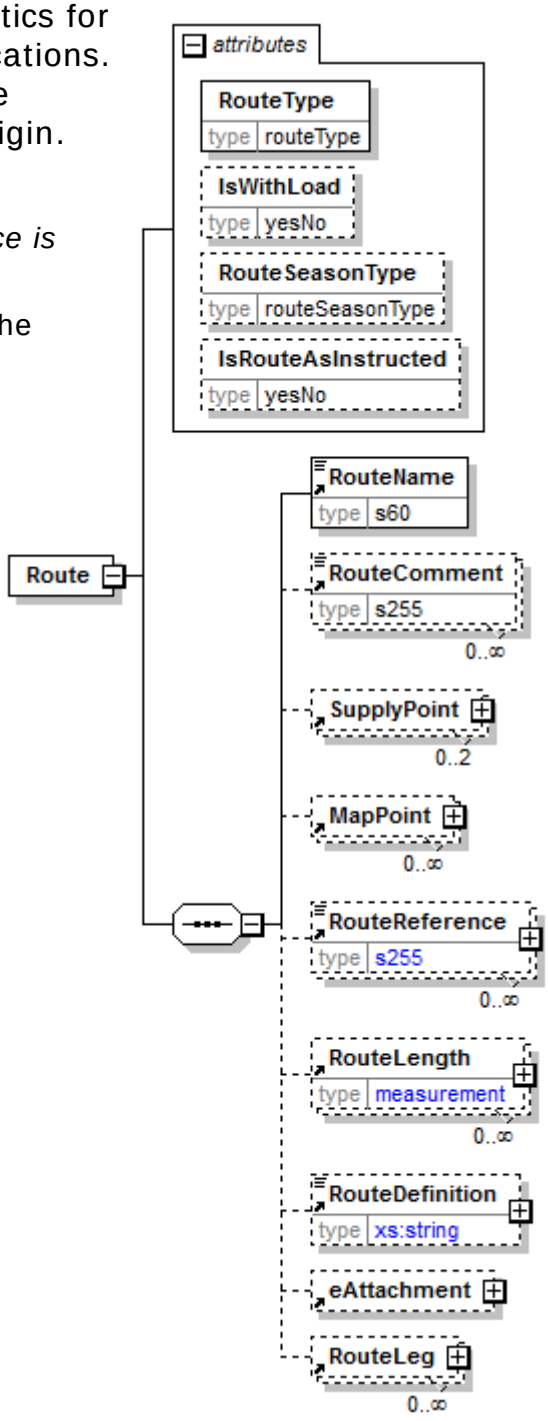
This item is restricted to the following list.

Yes

No

Route

Route defines directions and characteristics for how to transport goods between two locations. A route starts at delivery origin or at the supplypoint belonging to the delivery origin.



RouteType [attribute]

RouteType is mandatory. A single instance is required.

Defines type of start and end points for the route.

Refer to RouteType definition for any enumerations.

IsWithLoad [attribute]

IsWithLoad is optional. A single instance might exist.

Indicates if a vehicle is carrying a load or if it is possible to carry a load or not.

Refer to IsWithLoad definition for any enumerations.

RouteSeasonType [attribute]

RouteSeasonType is optional. A single instance might exist.

Defines for what season the route is specified. For example a shorter route maybe specified during winter time when roads are frozen.

Refer to RouteSeasonType definition for any enumerations.

IsRouteAsInstructed [attribute]

IsRouteAsInstructed is optional. A single instance might exist.

Indicates if the route is the same as the earlier instructed route, e.g. in a DeliveryInstruction e-Document. A route is indicated as not the same if any route information is different compared to the earlier instructed route. It is recommended to inform the reason for the change/new of the route.

Refer to IsRouteAsInstructed definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

RouteName

RouteName is mandatory. A single instance is required.

A unique name of a route. It is also normally the name of the route in a GPS.

RouteComment

RouteComment is optional. Multiple instances might exist.

A descriptive text for a route. It is also normally shown in a GPS as a route comment.

SupplyPoint

SupplyPoint is optional. A two instancse might exist.

Grouping element that contains items describing a supply point. A SupplyPoint belongs to a LocationParty, e.g. in a DeliveryOrigin or DeliveryDestination, and describes where goods are stored and can be loaded or unloaded. A SupplyPoint can for example be a loading or unloading gate at a warehouse or a road side landing at a logging area in the forest.

MapPoint

MapPoint is optional. Multiple instances might exist.

A grouping element for items describing a point on a map. A mappoint is normally named waypoint in a GPS.

RouteReference

RouteReference is optional. Multiple instances might exist.

An element detailing relevant references pertaining to the Route as indicated by RouteReferenceType and AssignedBy.

RouteLength

RouteLength is optional. Multiple instances might exist.

The length for the route.

RouteDefinition

RouteDefinition is optional. A single instance might exist.

List of waypoints describing the route.

eAttachment

eAttachment is optional. A single instance might exist.

eAttachment enables the sender to provide information about attachments to the document.

Note: An element "e-Attachment" also exists. papiNet will no longer use hyphens in our element and attribute names as this causes issues with BizTalk.

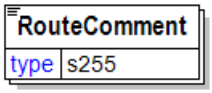
RouteLeg

RouteLeg is optional. Multiple instances might exist.

A grouping element contains items describing the route leg. A route leg is a part of a route. A route leg has its own characteristics.

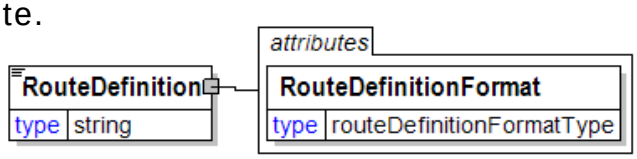
RouteComment

A descriptive text for a route. It is also normally shown in a GPS as a route comment.



RouteDefinition

List of waypoints describing the route.



RouteDefinitionFormat [attribute]

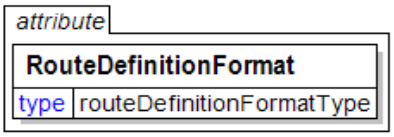
RouteDefinitionFormat is mandatory. A single instance is required.

The format of the RouteDefinition.

Refer to RouteDefinitionFormat definition for any enumerations.

RouteDefinitionFormat [attribute]

The format of the RouteDefinition.



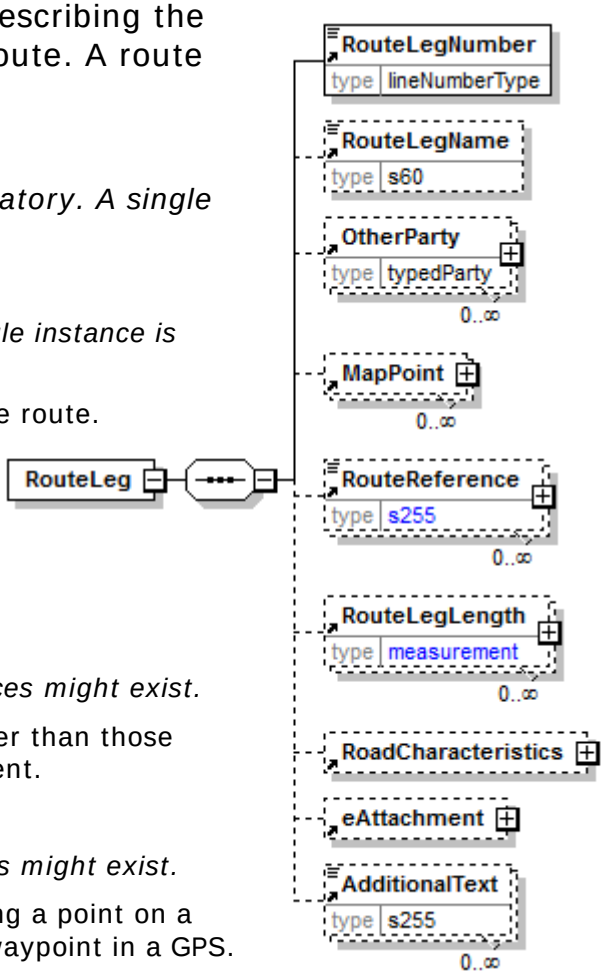
This item is restricted to the following list.

gpx

GPX (the GPS Exchange Format) is a light-weight XML data format for the interchange of GPS data (waypoints, routes, and tracks) between applications and Web services on the Internet.

RouteLeg

A grouping element contains items describing the route leg. A route leg is a part of a route. A route leg has its own characteristics.



(sequence)

The sequence of items below is mandatory. A single instance is required.

RouteLegNumber

RouteLegNumber is mandatory. A single instance is required.

A sequential number for the legs of the route.

RouteLegName

RouteLegName is optional. A single instance might exist.

A unique name for a route leg.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

MapPoint

MapPoint is optional. Multiple instances might exist.

A grouping element for items describing a point on a map. A mappoint is normally named waypoint in a GPS.

RouteReference

RouteReference is optional. Multiple instances might exist.

An element detailing relevant references pertaining to the Route as indicated by RouteReferenceType and AssignedBy.

RouteLegLength

RouteLegLength is optional. Multiple instances might exist.

The length for the route leg.

RoadCharacteristics

RoadCharacteristics is optional. A single instance might exist.

A grouping element containing items describing characteristics specific for a road.

eAttachment

eAttachment is optional. A single instance might exist.

eAttachment enables the sender to provide information about attachments to the document.

Note: An element "e-Attachment" also exists. papiNet will no longer use hyphens in our element and attribute names as this causes issues with BizTalk.

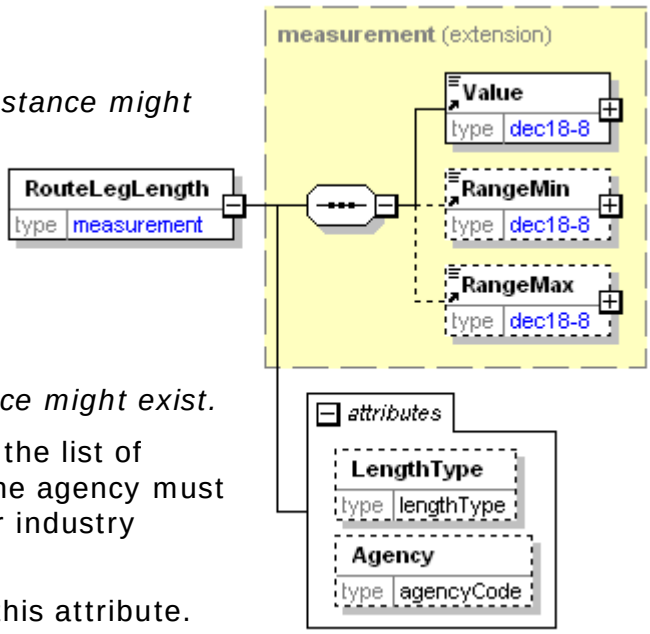
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

RouteLegLength

The length for the route leg.



LengthType

LengthType is optional. A single instance might exist.

Defines the type of source for how length is given. The attribute Agency can define the source.

Agency [attribute]

Agency is optional. A single instance might exist.

Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

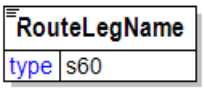
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

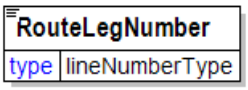
RouteLegName

A unique name for a route leg.



RouteLegNumber

A sequential number for the legs of the route.



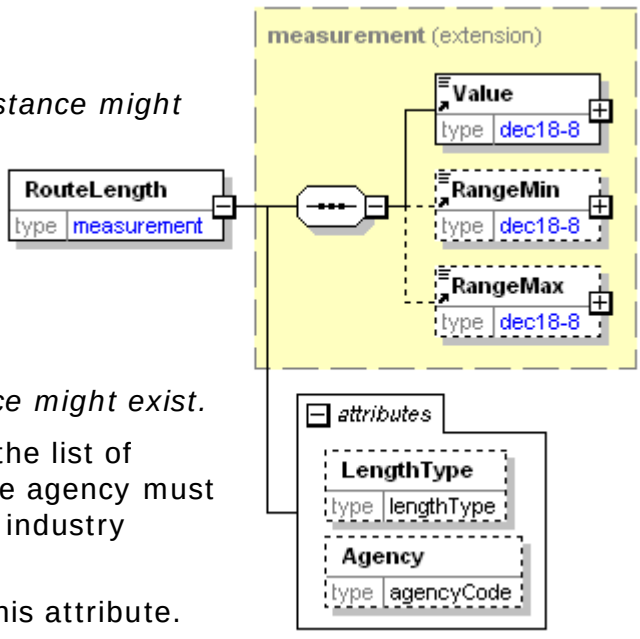
RouteLength

The length for the route.

LengthType

LengthType is optional. A single instance might exist.

Defines the type of source for how length is given. The attribute Agency can define the source.



Agency [attribute]

Agency is optional. A single instance might exist.

Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.

- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

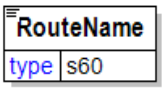
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

RouteName

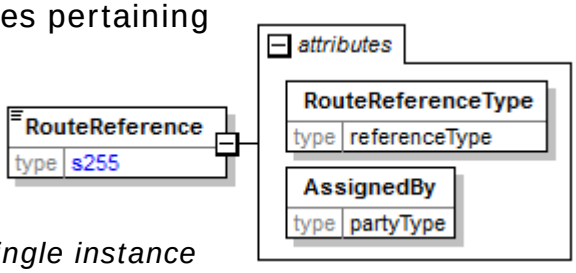
A unique name of a route. It is also normally the name of the route in a GPS.



RouteReference

An element detailing relevant references pertaining to the Route as

indicated by RouteReferenceType and AssignedBy.



RouteReferenceType [attribute]

RouteReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to RouteReferenceType definition for any enumerations.

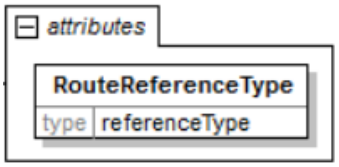
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

RouteReferenceType [attribute]



Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

RouteSeasonType [attribute]



Defines for what season the route is specified. For example a shorter route maybe specified during winter time when roads are frozen.

This item is restricted to the following list.

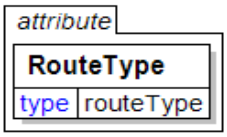
Summer

The route is specified for summer conditions.

Winter

The route is specified for winter conditions

RouteType [attribute]



Defines type of start and end points for the route.

This item is restricted to the following list.

DeliveryDestinationToSupplyPoint

The route is specified from a previous delivery destination to a supply point within a delivery origin.

DeliveryOriginToDeliveryDestination

The route is specified from a delivery origin to a delivery destination.

DeliveryOriginToMainIntersection

The route is specified from a delivery origin to a main road intersection.

MainIntersectionToDeliveryDestination

The route is specified from a main road intersection to a delivery destination.

SupplyPointToDeliveryDestination

The route is specified from a supply point within a delivery origin to a delivery destination.

SupplyPointToMainIntersection

The route is specified from a supply point within a delivery origin to a main road intersection.

SupplyPointToVehicleTerminal

The route is specified from a supply point within a delivery origin to a vehicle terminal.

VehicleTerminalToDeliveryDestination

The route is specified from a vehicle terminal to a delivery destination.

VehicleTerminalToSupplyPoint

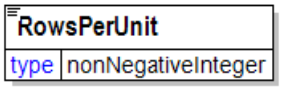
The route is specified from a vehicle terminal to a supply point within a delivery origin.

VehicleTour

The route is specified as a vehicle tour that is a specific one-time tour that a single vehicle is either scheduled for or is travelling. The tour can consist of many route legs and many different deliveries.

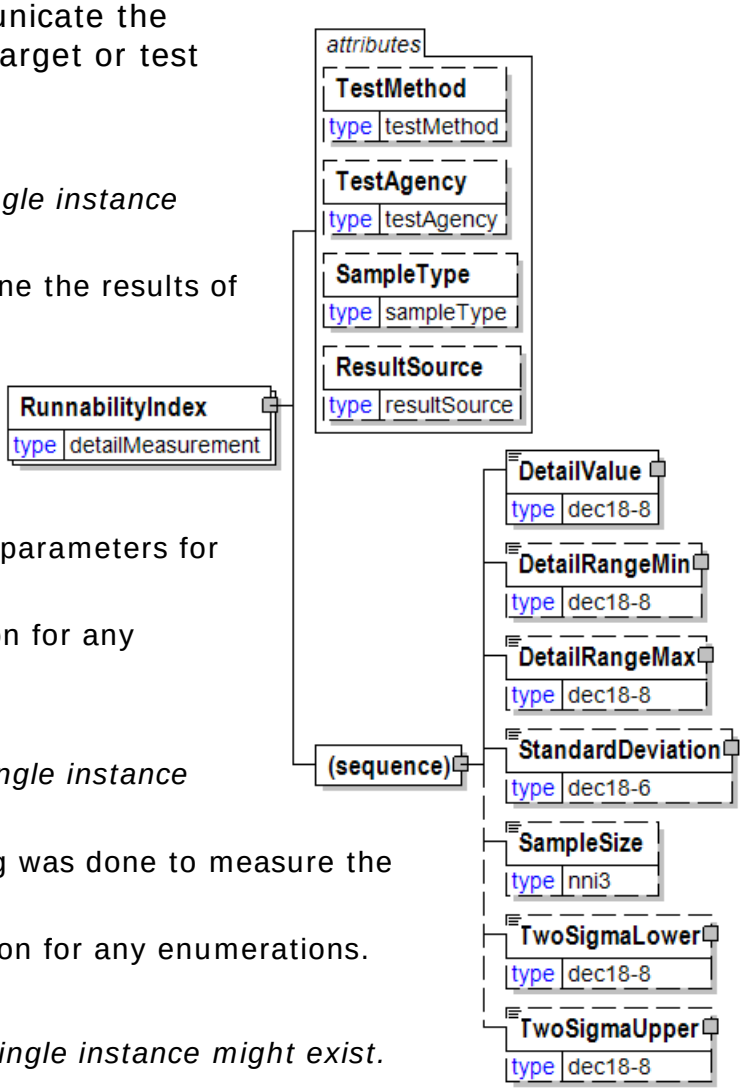
RowsPerUnit

The number of rows of items, are to be placed/packaged within the unit. Usually used to identify the standard number of rows in a standard packaging unit of the product.



RunnabilityIndex

A group item used to communicate the calculated run-ability index target or test value.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

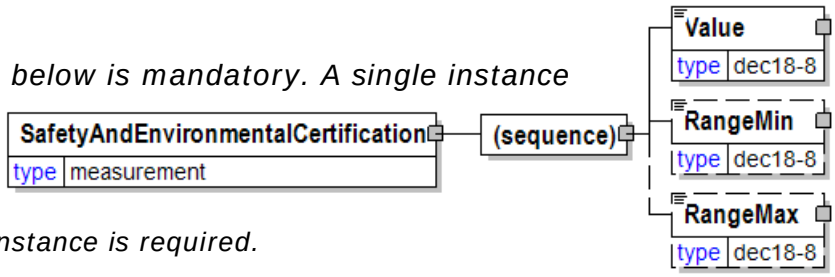
Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

SafetyAndEnvironmentalCertification

Safety and Environmental Certification

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

RangeMax

RangeMax is optional. A single instance might exist.

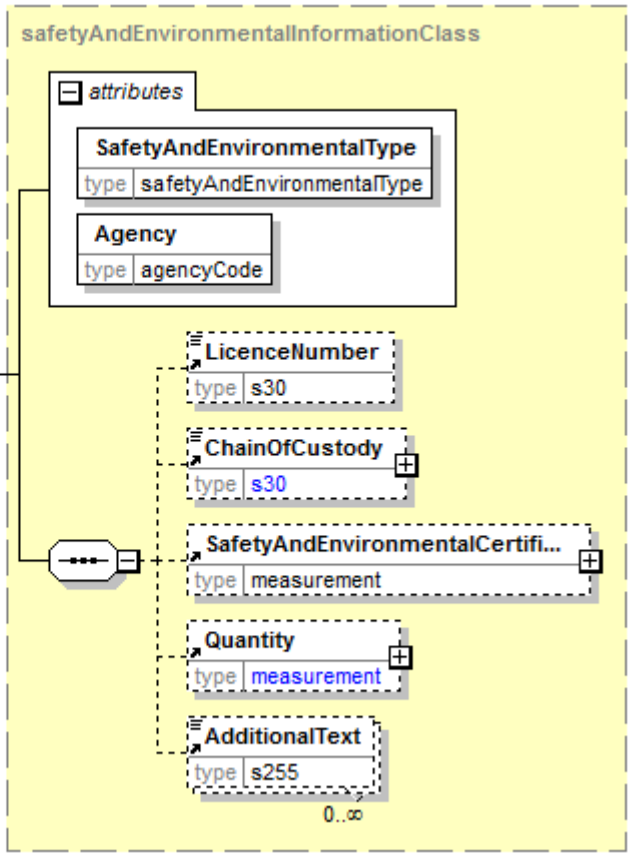
The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

SafetyAndEnvironmentalInformation

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated



agency).



SafetyAndEnvironmentalType [attribute]

SafetyAndEnvironmentalType is mandatory. A single instance is required.

The type of safety and environmental information being communicated. Defines any additional information relating to safety and/or environmental matters.

Refer to SafetyAndEnvironmentalType definition for any enumerations.

Agency [attribute]

Agency is mandatory. A single instance is required.

Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

LicenceNumber

LicenceNumber is optional. A single instance might exist.

Licence number.

Note: the spelling of this element conforms to papiNet's use of UK English.

ChainOfCustody

ChainOfCustody is optional. A single instance might exist.

The chain of custody.

SafetyAndEnvironmentalCertification

SafetyAndEnvironmentalCertification is optional. A single instance might exist.

Safety and Environmental Certification

Quantity

Quantity is optional. A single instance might exist.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

SafetyAndEnvironmentalType [attribute]

The type of safety and environmental information being communicated. Defines any additional information relating to safety and/or environmental matters.



This item is restricted to the following list.

Agricultural

Biodegradable

CarbonFootprint

Total greenhouse gas (GHG) emissions caused by an organization, event, product or person, usually expressed in equivalent tonnes of carbon dioxide (CO2).

Certified

Chemical

CSA

Canadian Standards Authority

EMAS

The Eco-Management and Audit Scheme, EMAS, is a voluntary environmental management tool for companies and other organisations to evaluate, report and improve their environmental performance. EMAS promotes continuous evaluation and improvements in the environmental performance of participating organisations. (http://ec.europa.eu/environment/emas/)

Energy

FlamabilityReactivity

FSC

To be deprecated in a future version, use instead FSC100%, FSCMix_x%, FSCMixCredit, FSCRecycled_x%, FSCRecycledCredit or FSCControlledWood.

FSC100%

FSC-certified virgin material originating in FSC-certified forests or plantations that has not been mixed with material of another material category throughout the supply chain. FSC 100% products are eligible to be used in FSC 100% or FSC Mix product groups.
(Forest Stewardship Council, http://www.fsc.org).

FSCControlledWood

Material originating in non FSC-certified forests or plantations supplied with an FSC claim by a supplier which has been assessed by an FSC-accredited certification body for conformity with FSC Chain of Custody and/or FSC Controlled Wood requirements (FSC-STD-40-005 or FSC-STD-30-010).
(Forest Stewardship Council, http://www.fsc.org).

FSCMix_x%

FSC-certified virgin material based on input from FSC-certified, controlled and/or reclaimed sources, and supplied with a percentage claim. FSC Mix material is only eligible to be used in FSC Mix product groups.
(Forest Stewardship Council, http://www.fsc.org)

FSCMixCredit

FSC-certified virgin material based on input from FSC-certified, controlled and/or reclaimed sources, and supplied with a credit claim. FSC Mix material is only eligible to be used in FSC Mix product groups.
(Forest Stewardship Council, http://www.fsc.org)

FSCMixed

To be deprecated in a future version, use instead FSCMix_x% or FSCMixCredit,

Material contains a mixture of Forest Stewardship Council (FSC) certified material, reclaimed (recycled) material and/or controlled wood. It has been processed by an FSC chain of custody certified company, and has been identified as FSC Mixed. For more information about the Forest Stewardship Council, visit www.fsc.org.

FSCPure

To be deprecated in a future version, use instead FSC100%.

Material is 100% FSC material from a Forest Stewardship Council (FSC) certified forest. It has been sold and/or processed by an FSC chain of custody certified company, and has been identified as FSC Pure. For more information about the Forest Stewardship Council, visit http://www.fsc.org.

FSCRecycled

To be deprecated in a future version, use instead FSCRecycled_x% or FSCRecycledCredit.

This Forest Stewardship Council (FSC) product group contains 100% postconsumer reclaimed. Post-consumer reclaimed material includes wood and/or wood fiber that has been reclaimed from a product after that product has been used for its intended end-use purpose by individuals or businesses.

For more information about the Forest Stewardship Council, visit www.fsc.org.

FSCRecycled_x%

FSC-certified reclaimed material based on exclusive input from reclaimed sources, and supplied with a percentage claim. FSC Recycled material or products are eligible to be used in FSC Mix or FSC Recycled product groups. (Forest Stewardship Council, http://www.fsc.org)

FSCRecycledCredit

FSC-certified reclaimed material based on exclusive input from reclaimed sources, and supplied with a credit claim. FSC Recycled material or products are eligible to be used in FSC Mix or FSC Recycled product groups. (Forest Stewardship Council, http://www.fsc.org)

HazardousMaterial

ISO14001

ISO 14001 specifies the actual requirements for an environmental management system. It applies to those environmental aspects which the organization has control and over which it can be expected to have an influence.

ISO 14001 is often seen as the corner stone standard of the ISO 14000 series. However, it is not only the most well known, but is the only ISO 14000 standard against which it is currently possible to be certified by an external certification authority. Having stated this, it does not itself state specific environmental performance criteria.

This standard is applicable to any organization that wishes to:

- implement, maintain and improve an environmental management system
- assure itself of its conformance with its own stated environmental policy (those policy commitments of course must be made)
- demonstrate conformance
- ensure compliance with environmental laws and regulations
- seek certification of its environmental management system by an external third party organization
- make a self-determination of conformance

(http://www.iso14000-iso14001-environmental-management.com/)

MaterialSafetyData

MTCC

Malaysian Timber Certification Council

PEFC

To be deprecated in a future version, use instead X%_PEFCcertified.

Program for the Endorsement of Forest Certification.

Recycled

SFI

Sustainable Forestry Initiative

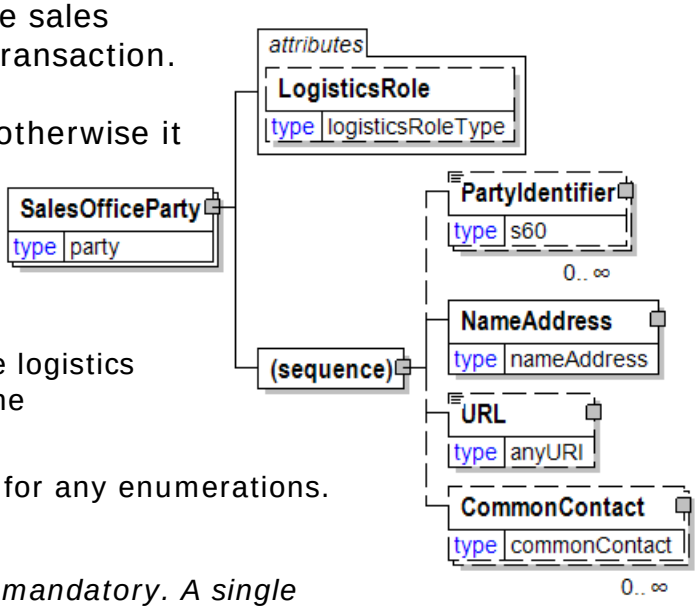
TransportationSafetyAlert

X%_PEFCcertified

The claim “x % PEFC certified” shall be used when communicating the content of PEFC certified material.
Programme for the Endorsement of Forest Certification, http://www.pefc.org).

SalesOfficeParty

This named party represents the sales office involved in the business transaction. This party is only used in the communication of OrderStatus otherwise it is handled via OtherParty.



LogisticsRole [attribute]

LogisticsRole is optional. A single instance might exist.

Communicates the nature of the logistics role, if any, the party plays in the transaction.

Refer to LogisticsRole definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PartyIdentifier

PartyIdentifier is optional. Multiple instances might exist.

A unique identifier of a specific party. This element contains an attribute PartyIdentifierType that indicates the type of party.

NameAddress

NameAddress is mandatory. A single instance is required.

A group item containing name and address of an organisation or business entity.

URL

URL is optional. A single instance might exist.

Universal Resource Locator. While typically a web address you could use this field to hold an email address.

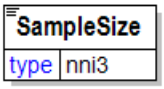
CommonContact

CommonContact is optional. Multiple instances might exist.

Identifies a specific individual associated with the party.

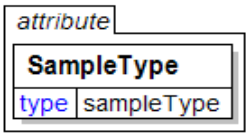
SampleSize

The number of samples used to determine the product characteristic in question.



SampleType [attribute]

Communicates how sampling was done to measure the product characteristics.



This item is restricted to the following list.

Average

The measurement represents an average for the associated property.

Bottom

The measurement was obtained from the bottom of the paper sample.

CDAverage

The measurement represents the average of values in the cross-machine direction.

CDBottom

The measurement represents the average of tests taken in the cross-machine direction on the bottom of the paper sample.

CDTop

The measurement represents the average of tests taken in the cross-machine direction on the top of the paper sample.

MDAverage

The measurement represents the average of values in the machine direction.

MDBottom

The measurement represents the average of tests taken in the machine direction on the bottom of the paper sample.

MDTop

The measurement represents the average of tests taken in the machine direction on the top of the paper sample.

Target

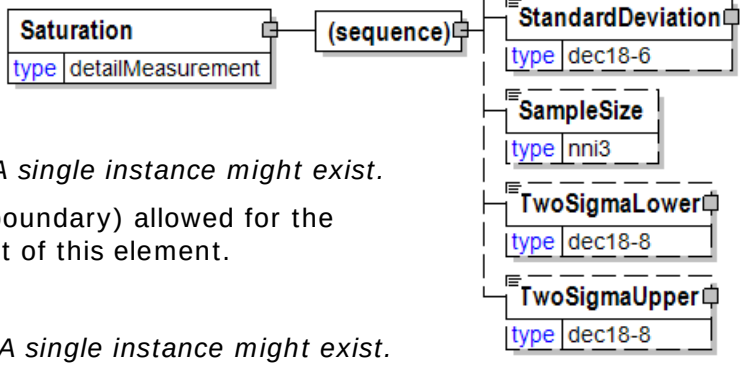
When communicating specifications a target value is communicated.

Top

The measurement was obtained from the top of the paper sample

Saturation

Measure of colour Saturation in the HSB method of communicating colour.



(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

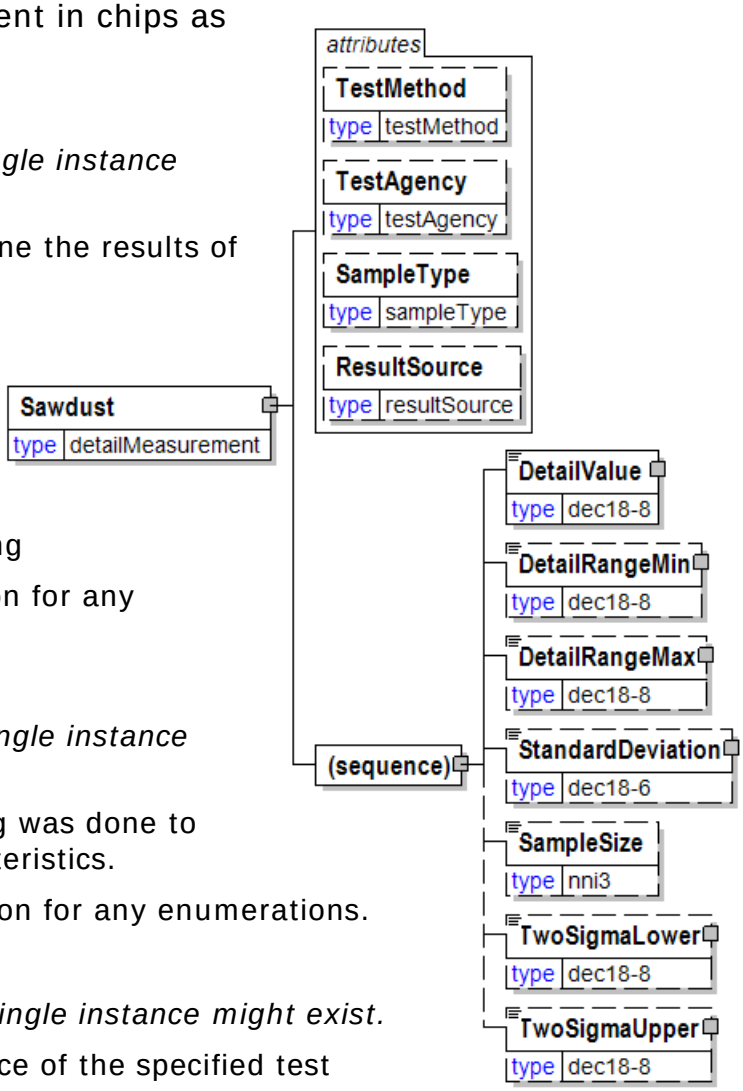
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

Sawdust

Used to report sawdust content in chips as a detail measurement.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

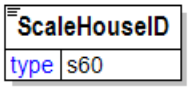
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

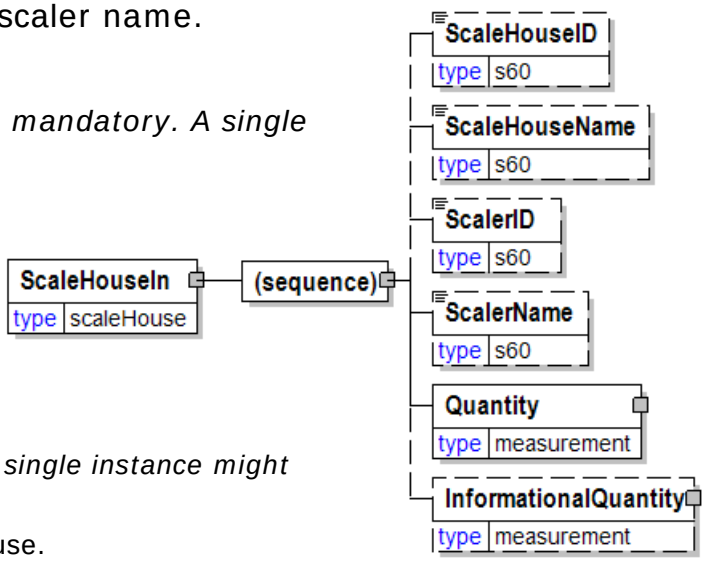
ScaleHouseID

Unique identifier for the specific scale house.



ScaleHouseIn

Used to identify scale weight received into a yard, the scale house id, name, and scaler name.



(sequence)

The sequence of items below is mandatory. A single instance is required.

ScaleHouseID

ScaleHouseID is optional. A single instance might exist.

Unique identifier for the specific scale house.

ScaleHouseName

ScaleHouseName is optional. A single instance might exist.

Name assigned to the scale house.

ScalerID

ScalerID is optional. A single instance might exist.

Unique identifier for the person staffing the scale house. Might be an employee number.

ScalerName

ScalerName is optional. A single instance might exist.

Name of the person staffing the scale house.

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

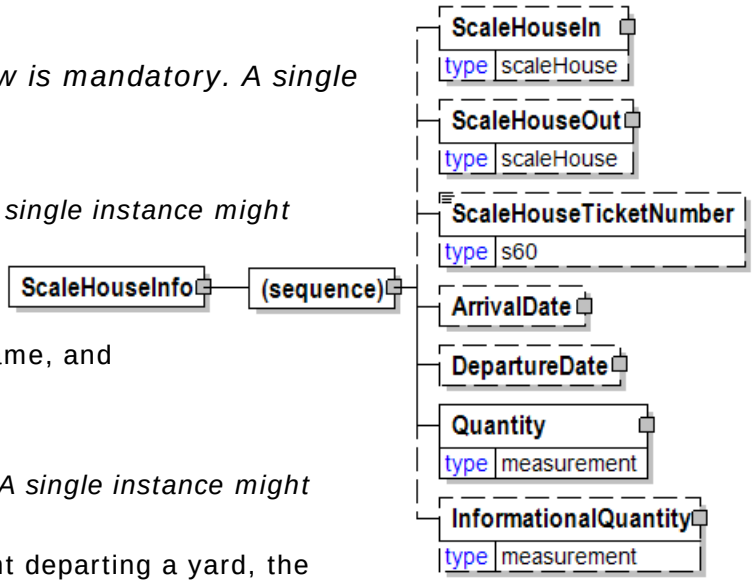
InformationalQuantity

InformationalQuantity is optional. A single instance might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

ScaleHouseInfo

Scale house information.



(sequence)

The sequence of items below is mandatory. A single instance is required.

ScaleHouseIn

ScaleHouseIn is optional. A single instance might exist.

Used to identify scale weight received into a yard, the scale house id, name, and scaler name.

ScaleHouseOut

ScaleHouseOut is optional. A single instance might exist.

Used to identify scale weight departing a yard, the scale house id, name, and scaler name.

ScaleHouseTicketNumber

ScaleHouseTicketNumber is optional. A single instance might exist.

The ticket number issued by the scale house. Does not have to be unique.

ArrivalDate

ArrivalDate is optional. A single instance might exist.

The date of arrival.

DepartureDate

DepartureDate is optional. A single instance might exist.

The required or actual date of departure.

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

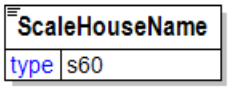
InformationalQuantity

InformationalQuantity is optional. A single instance might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

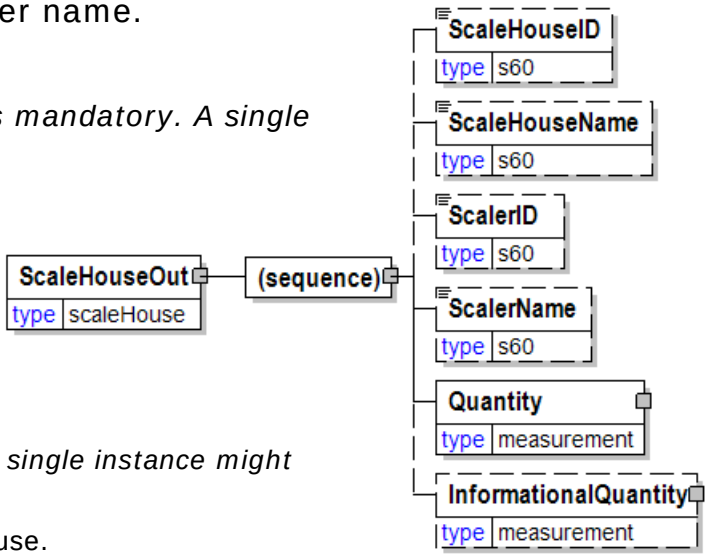
ScaleHouseName

Name assigned to the scale house.



ScaleHouseOut

Used to identify scale weight departing a yard, the scale house id, name, and scaler name.



(sequence)

The sequence of items below is mandatory. A single instance is required.

ScaleHouseID

ScaleHouseID is optional. A single instance might exist.

Unique identifier for the specific scale house.

ScaleHouseName

ScaleHouseName is optional. A single instance might exist.

Name assigned to the scale house.

ScalerID

ScalerID is optional. A single instance might exist.

Unique identifier for the person staffing the scale house. Might be an employee number.

ScalerName

ScalerName is optional. A single instance might exist.

Name of the person staffing the scale house.

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

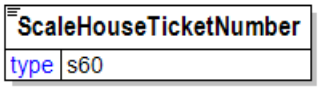
InformationalQuantity

InformationalQuantity is optional. A single instance might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

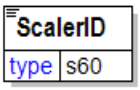
ScaleHouseTicketNumber

The ticket number issued by the scale house. Does not have to be unique.



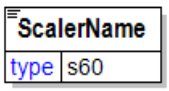
ScalerID

Unique identifier for the person staffing the scale house. Might be an employee number.



ScalerName

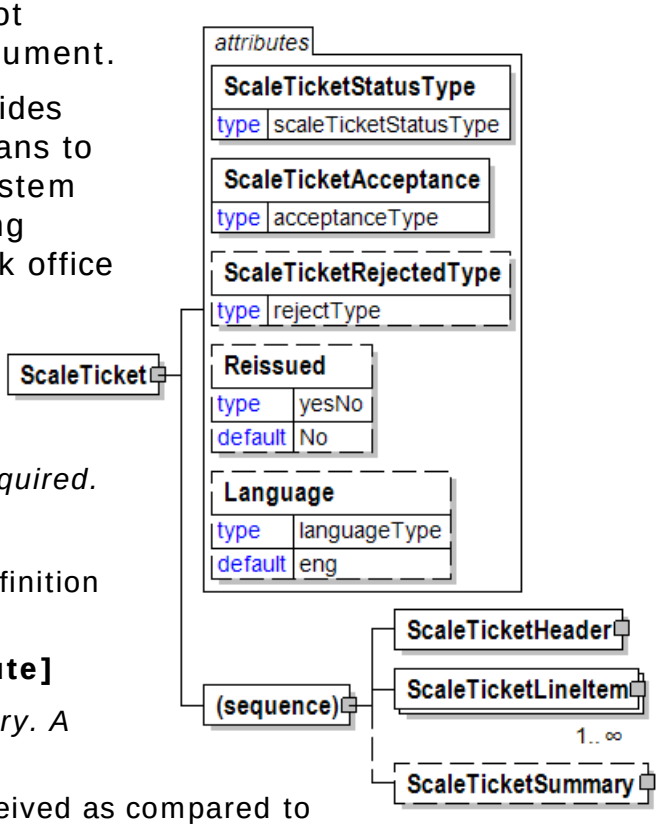
Name of the person staffing the scale house.



ScaleTicket

The ScaleTicket element is the root element for the ScaleTicket e-Document.

The ScaleTicket e-Document provides wood or fibre suppliers with a means to electronically incorporate scale system receiving data into their accounting systems from buying entities' back office systems.



ScaleTicketStatusType [attribute]

ScaleTicketStatusType is mandatory. A single instance is required.

ScaleTicket Status Type

Refer to ScaleTicketStatusType definition for any enumerations.

ScaleTicketAcceptance [attribute]

ScaleTicketAcceptance is mandatory. A single instance is required.

Defines the state of the goods received as compared to the DeliveryMessage specifications. The enumeration list is the list of choices that apply to the GoodsReceipt header and line item.

Refer to ScaleTicketAcceptance definition for any enumerations.

ScaleTicketRejectedType [attribute]

ScaleTicketRejectedType is optional. A single instance might exist.

ScaleTicketRejectedType

Refer to ScaleTicketRejectedType definition for any enumerations.

Reissued [attribute]

Reissued is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Reissued definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ScaleTicketHeader

ScaleTicketHeader is mandatory. A single instance is required.

Information that is common for the ScaleTicket e-Document.

ScaleTicketLineItem

ScaleTicketLineItem is mandatory. One instance is required, multiple instances might exist.

The details for each item reported on a ScaleTicket e-Document.

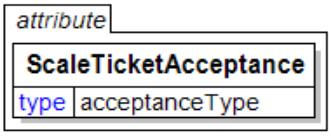
ScaleTicketSummary

ScaleTicketSummary is optional. A single instance might exist.

Summary information for the ScaleTicket e-Document.

ScaleTicketAcceptance [attribute]

Defines the state of the goods received as compared to the DeliveryMessage specifications. The enumeration list is the list of choices that apply to the GoodsReceipt header and line item.



This item is restricted to the following list.

GoodsReceivedAsIs

The delivered goods were received without inspection, or checking of the goods for damage, or accuracy against the DeliveryMessage.

GoodsReceivedAsSpecified

Received goods agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights. There is no transit damage.

GoodsReceivedCancelled

Received goods notification is being cancelled. This value is only used when the GoodsReceiptStatusType is “Cancelled”.

GoodsReceivedRejected

Received goods agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights; but there has been transit damage resulting in rejection of all goods.

GoodsReceivedWithDamage

Received goods agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights; but there has been transit damage of some items. All transit damages must be specified.

GoodsReceivedWithVariance

Received goods do not agree completely with the DeliveryMessage specifications. For those items at variance, actual received item identifiers and item weights must be specified.

Additionally, used with the VarianceType of “NotReceived” to indicate items that was on the DeliveryMessage but not in the Delivery as received.

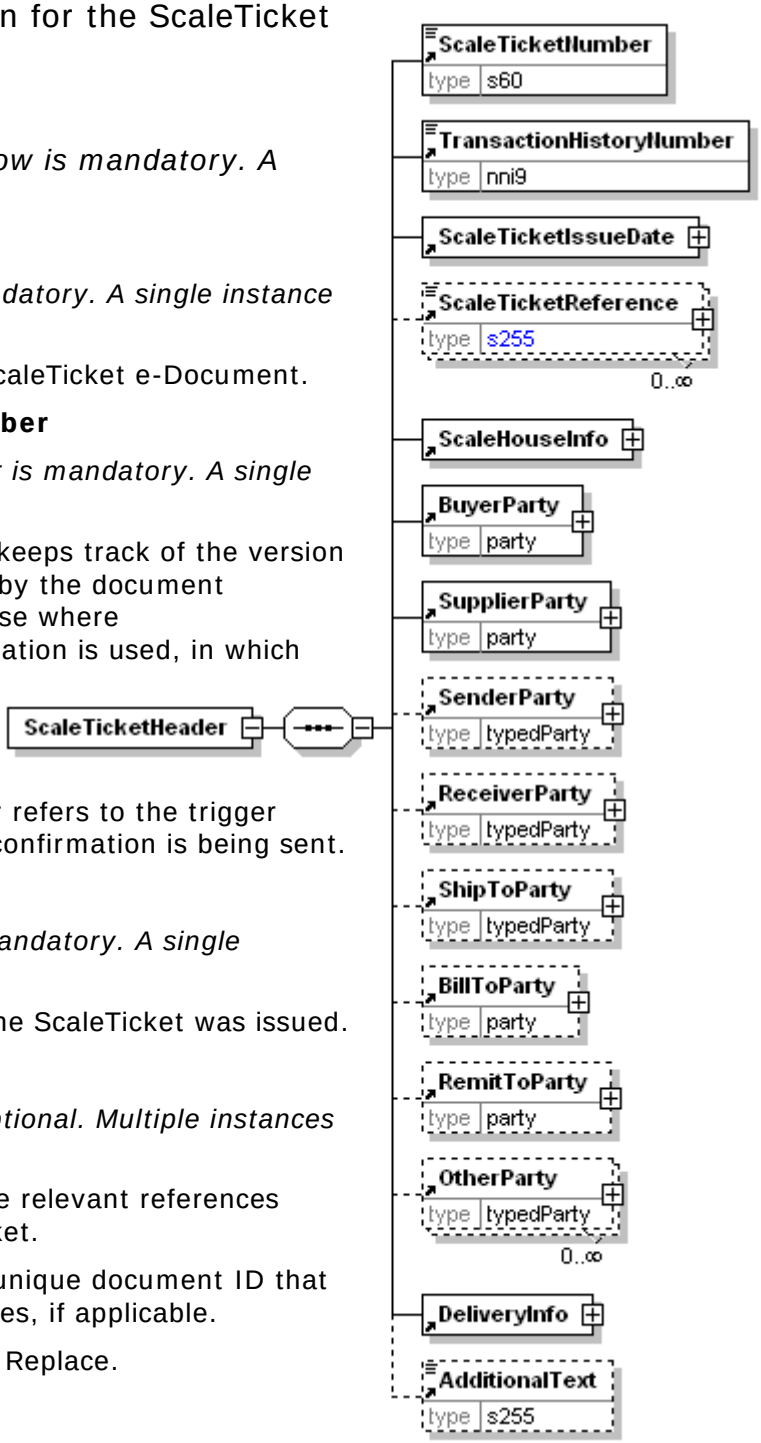
GoodsReceivedWithVarianceAndDamage

Received goods do not agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights and there has been transit damage of some items. For those items at variance or with

transit damage, actual received item identifiers, item weights, and transit damages must be specified.

ScaleTicketHeader

Information that is common for the ScaleTicket e-Document.



(sequence)

The sequence of items below is mandatory. A single instance is required.

ScaleTicketNumber

ScaleTicketNumber is mandatory. A single instance is required.

Unique identifier for the ScaleTicket e-Document.

TransactionHistoryNumber

TransactionHistoryNumber is mandatory. A single instance is required.

A sequential number that keeps track of the version of a document being sent by the document originator except in the case where TransactionHistoryConfirmation is used, in which case the

TransactionHistoryNumber refers to the trigger transaction for which the confirmation is being sent.

ScaleTicketIssueDate

ScaleTicketIssueDate is mandatory. A single instance is required.

The date and time when the ScaleTicket was issued.

ScaleTicketReference

ScaleTicketReference is optional. Multiple instances might exist.

An element that details the relevant references pertaining to the ScaleTicket.

Identifies the previous unique document ID that this document replaces, if applicable.

Mandatory if Purpose = Replace.

ScaleHouseInfo

ScaleHouseInfo is mandatory. A single instance is required.

Scale house information.

BuyerParty

BuyerParty is mandatory. A single instance is required.

The legal entity to which the product is sold. Also commonly referred to as the sold-

to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

SupplierParty

SupplierParty is mandatory. A single instance is required.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

SenderParty

SenderParty is optional. A single instance might exist.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is optional. A single instance might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

ShipToParty

ShipToParty is optional. A single instance might exist.

The name and/or address to which the goods should be delivered with the party type indicated by the PartyType attribute.

BillToParty

BillToParty is optional. A single instance might exist.

The address where the invoice is to be sent.

RemitToParty

RemitToParty is optional. A single instance might exist.

A group item containing details of the party to whom payment will be made. The RemitToParty contains all information related to remittance.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

DeliveryInfo

DeliveryInfo is mandatory. A single instance is required.

Information about the delivery.

AdditionalText

AdditionalText is optional. A single instance might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific

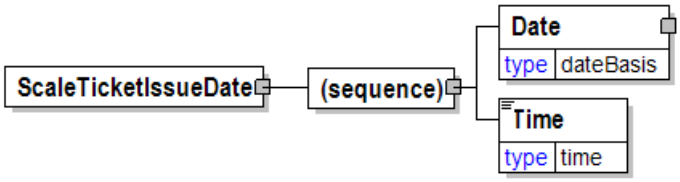
elements.

ScaleTicketIssueDate

The date and time when the ScaleTicket was issued.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is mandatory. A single instance is required.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

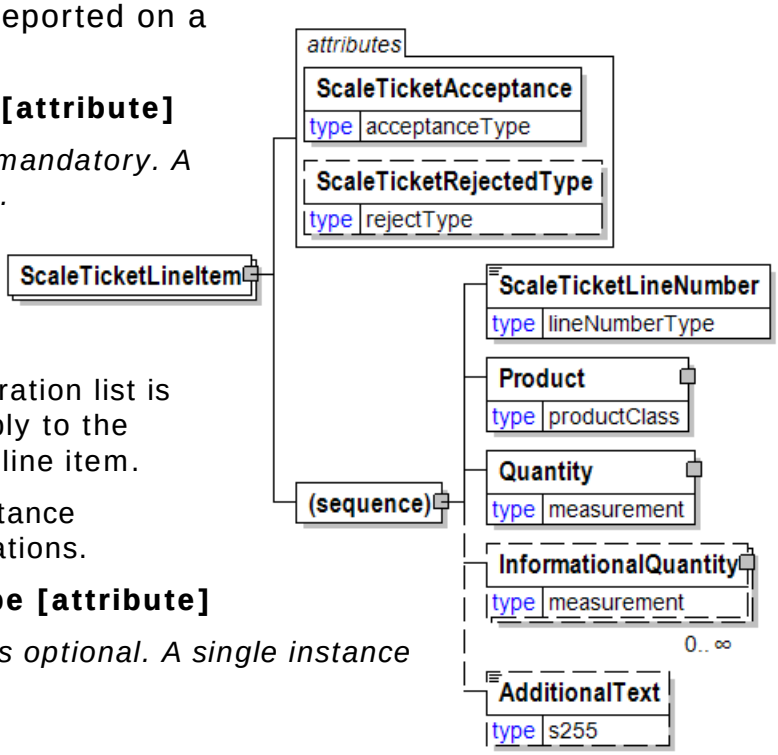
hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

ScaleTicketLineItem

The details for each item reported on a ScaleTicket e-Document.



ScaleTicketAcceptance [attribute]

ScaleTicketAcceptance is mandatory. A single instance is required.

Defines the state of the goods received as compared to the DeliveryMessage specifications. The enumeration list is the list of choices that apply to the GoodsReceipt header and line item.

Refer to ScaleTicketAcceptance definition for any enumerations.

ScaleTicketRejectedType [attribute]

ScaleTicketRejectedType is optional. A single instance might exist.

ScaleTicketRejectedType

Refer to ScaleTicketRejectedType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ScaleTicketLineNumber

ScaleTicketLineNumber is mandatory. A single instance is required.

ScaleTicket Line Number

Product

Product is mandatory. A single instance is required.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

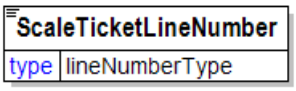
AdditionalText

AdditionalText is optional. A single instance might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

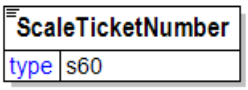
ScaleTicketLineNumber

ScaleTicket Line Number



ScaleTicketNumber

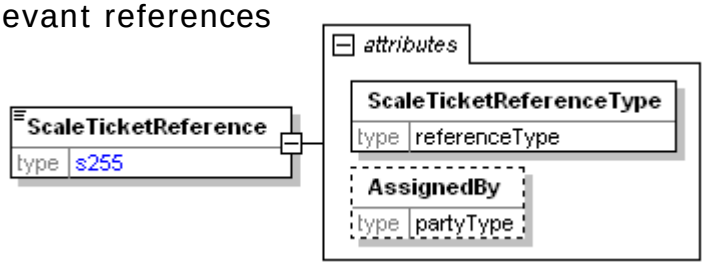
Unique identifier for the ScaleTicket e-Document.



ScaleTicketReference

An element that details the relevant references pertaining to the ScaleTicket.

Identifies the previous unique document ID that this document replaces, if applicable.



Mandatory if Purpose = Replace.

ScaleTicketReferenceType [attribute]

ScaleTicketReferenceType is mandatory. A single instance is required.

ScaleTicketReferenceType indicates what type of reference is being communicated.

ScaleTicketReferenceType indicates what type of reference is being communicated.Many items are currently prefixed by “Buyer”, “Customer”, “Seller”, and/or “Supplier”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to ScaleTicketReferenceType definition for any enumerations.

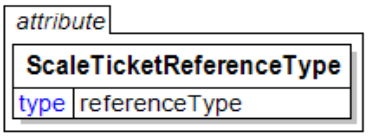
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy definition for any enumerations.

ScaleTicketReferenceType [attribute]

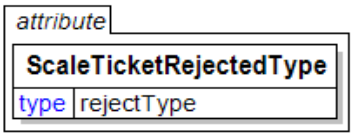


ScaleTicketReferenceType indicates what type of reference is being communicated.

ScaleTicketReferenceType indicates what type of reference is being communicated.Many items are currently prefixed by “Buyer”, “Customer”, “Seller”, and/or “Supplier”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

ScaleTicketRejectedType [attribute]



ScaleTicketRejectedType

This item is restricted to the following list.

ExcessiveTransitDamage

The item(s) is/are damaged beyond acceptable use during transit.

ProductQuality

The delivery did not match the quality of the product ordered or requested.

TooEarly

The delivery has occurred prior to the agreed delivery date/time. For example, there is insufficient storage at the delivered time.

TooLate

The delivery has occurred after the agreed delivery date/time. For example, delivered after press date.

UnableToUnload

The delivered items cannot be unloaded. For example, damaged vehicle doors, load has shifted during transportation, or ShipTo requires reels to be palletised but they are delivered on the vehicle floor.

WrongBarCode

The barcode used to identify the product is incorrect.

WrongBasisWeight

The basis weight of the product is not what was ordered.

WrongDeliveryLocation

The product was delivered to the wrong location.

WrongDiameter

The diameter delivered is unusable. For example, a physical limitation on a reel stand is exceeded.

WrongLabel

The delivered item has incorrect or missing information, or incorrect label stock that would prevent its use. For example, insufficient peel-off barcode labels.

WrongProduct

The delivered item was not the product ordered or requested.

WrongReelWidth

The width of the reel is incorrect.

WrongVehicleType

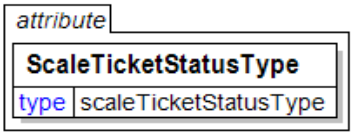
The items have been delivered in a vehicle that cannot be unloaded at the ShipTo facility. For example, the ShipTo requires side unloading vehicles, but the delivery vehicle can only be unloaded from the rear.

WrongWrap

The delivered item is wrapped in material that will prevent its use. For example, a hole is not present in the end cap for vacuum lifting.

ScaleTicketStatusType [attribute]

ScaleTicket Status Type



This item is restricted to the following list.

Amended

The supplied information is changed.

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

Original

The supplied information is the first version of that information.

Replaced

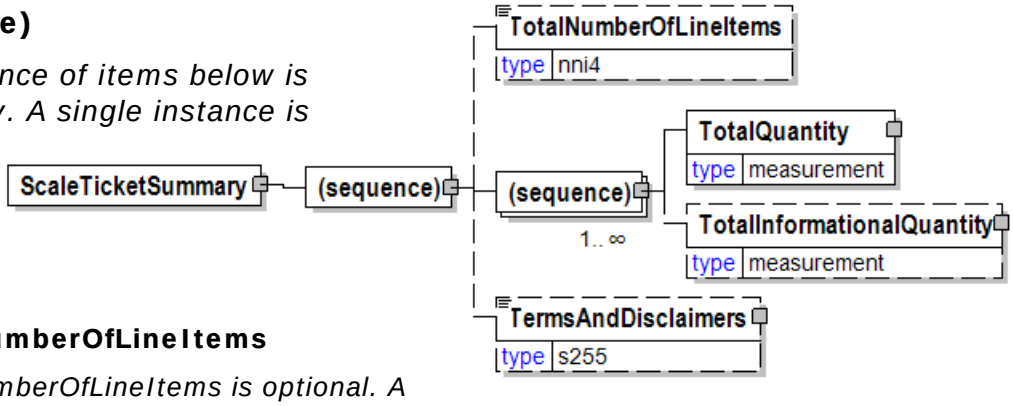
The supplied information is replacing earlier supplied information. The receiver should revalidate the information in their system based upon the entire information received.

ScaleTicketSummary

Summary information for the ScaleTicket e-Document.

(sequence)

The sequence of items below is mandatory. A single instance is



required.

TotalNumberOfLineItems

TotalNumberOfLineItems is optional. A single instance might exist.

The total number of individual line items in the document, regardless of the status or type.

(sequence)

The sequence of items below is mandatory. One instance is required, multiple instances might exist.

TotalQuantity

TotalQuantity is mandatory. A single instance is required.

The total quantity of similar items in the e-Document. TotalQuantity is primarily used in the summary section of documents where it is repeatable to permit totaling for different units of measure.

TotalInformationalQuantity

TotalInformationalQuantity is optional. A single instance might exist.

A quantity that is used to communicate related information about the parent element. This element represents a total that is derived from individual line items.

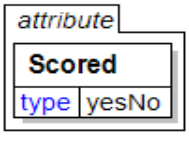
TermsAndDisclaimers

TermsAndDisclaimers is optional. A single instance might exist.

An element that contains legal information with an indication of what the Language is.

Scored [attribute]

Is this item scored?



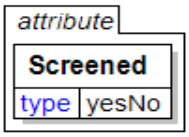
This item is restricted to the following list.

Yes

No

Screened [attribute]

Either "Yes" or "No".



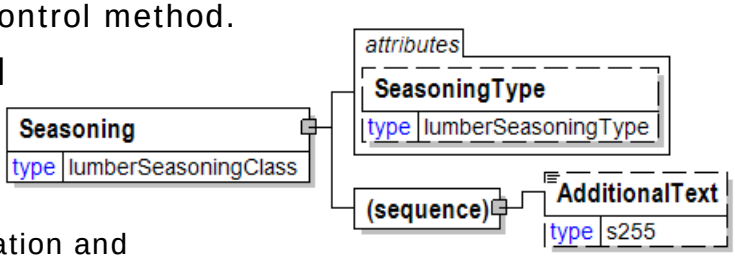
This item is restricted to the following list.

Yes

No

Seasoning

Describes drying/ moisture control method.



SeasoningType [attribute]

SeasoningType is optional. A single instance might exist.

Seasoning type, the classification and methodology of seasoning applied to the product.

Refer to SeasoningType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

AdditionalText

AdditionalText is optional. A single instance might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

SeasoningType [attribute]

Seasoning type, the classification and methodology of seasoning applied to the product.



This item is restricted to the following list.

Dry

Air dried lumber that is not surfaced ... i.e. rough lumber.

Green

Not dried by any method.

KD

Kiln dried.

KDAT

Kiln dried after treatment... i.e. chemically treated, then redried.

PAD

Partially air dried. In practice, doesn't mean much, since you don't know how dry. Most commonly used on boards

ShippingDry

Dried sufficiently to enable shipment without any deterioration in condition.

SurfacedDry

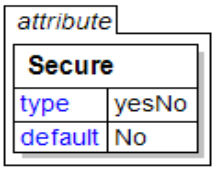
Surfaced-dry, meaning the product was dried (manner unspecified) and then surfaced (i.e. planed). Level of dryness is understood to be as required by the grading standard for the species in question. Generally it means the product was air dried to the standard, but it could have been kiln dried.

SurfacedGreen

Surfaced while still green.

Secure [attribute]

This attribute indicates that the product requires a secure manufacturing plant. For example when manufacturing ACT booklets and other testing products.



This item is restricted to the following list.

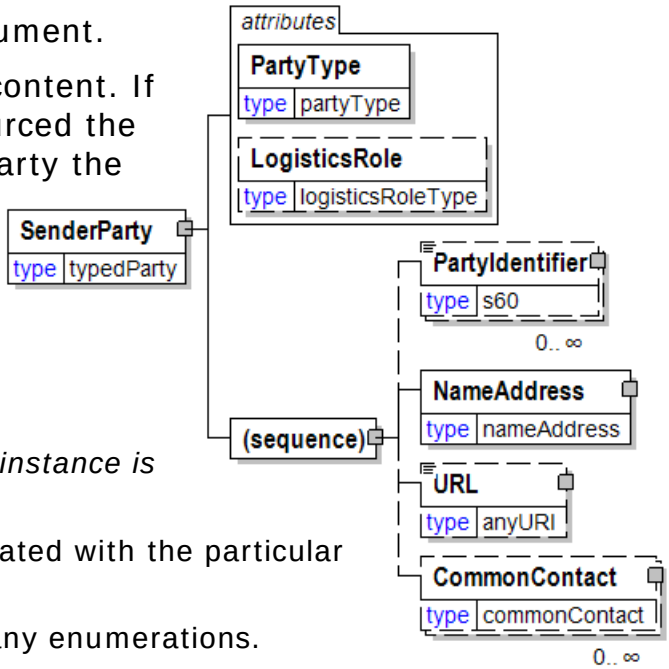
Yes

No

SenderParty

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.



PartyType [attribute]

PartyType is mandatory. A single instance is required.

Identifies the business role associated with the particular party

Refer to PartyType definition for any enumerations.

LogisticsRole [attribute]

LogisticsRole is optional. A single instance might exist.

Communicates the nature of the logistics role, if any, the party plays in the transaction.

Refer to LogisticsRole definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PartyIdentifier

PartyIdentifier is optional. Multiple instances might exist.

A unique identifier of a specific party. This element contains an attribute PartyIdentifierType that indicates the type of party.

NameAddress

NameAddress is mandatory. A single instance is required.

A group item containing name and address of an organisation or business entity.

URL

URL is optional. A single instance might exist.

Universal Resource Locator. While typically a web address you could use this field to hold an email address.

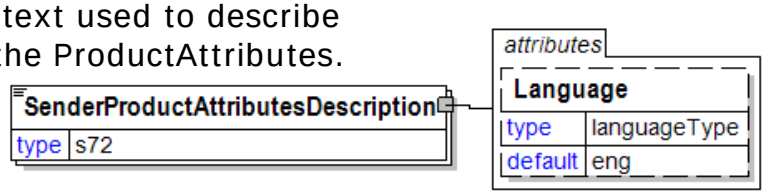
CommonContact

CommonContact is optional. Multiple instances might exist.

Identifies a specific individual associated with the party.

SenderProductAttributesDescription

An element containing free text used to describe the set of products sent in the ProductAttributes.



Language [attribute]

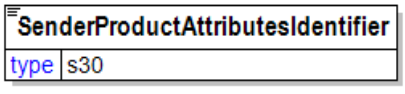
Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

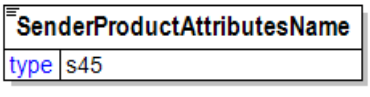
SenderProductAttributesIdentifier

A unique identifier assigned to the combination of products, properties, and ReceivingParty that makes this list of ProductAttributes unique from the SendingParty's point of view. Subsequent ProductAttributes with updates will use this same identifier.

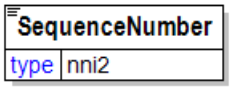


SenderProductAttributesName

The name given to the set of products sent in the ProductAttributes e-Document.

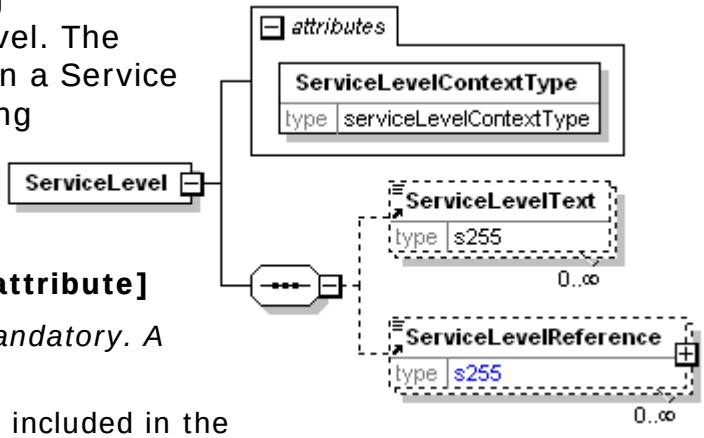


SequenceNumber



ServiceLevel

A grouping element containing information about a service level. The service level can be specified in a Service Level Agreement (SLA) detailing requirements such as delivery, performance, pricing, quality, etc.



ServiceLevelContextType [attribute]

ServiceLevelContextType is mandatory. A single instance is required.

Indicates the nature of what is included in the service level.

Refer to ServiceLevelContextType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ServiceLevelText

ServiceLevelText is optional. Multiple instances might exist.

Text that is describing the service level.

ServiceLevelReference

ServiceLevelReference is optional. Multiple instances might exist.

An element detailing relevant references pertaining to the ServiceLevel. The type of reference is identified by the attributes ServiceLevelReferenceType and AssignedBy.

ServiceLevelContextType [attribute]

Indicates the nature of what is included in the service level.



This item is restricted to the following list.

Delivery

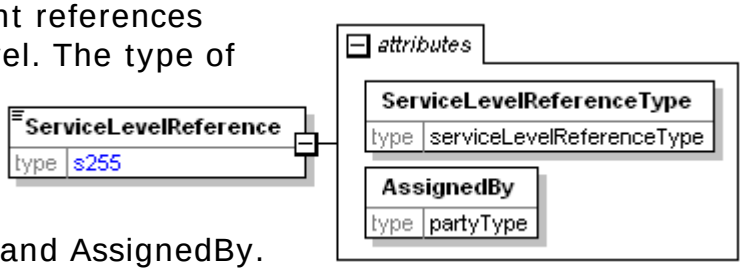
The service level is given for deliveries.

Production

The service level is given for production.

ServiceLevelReference

An element detailing relevant references pertaining to the ServiceLevel. The type of reference is identified by the attributes



ServiceLevelReferenceType and AssignedBy.

ServiceLevelReferenceType [attribute]

ServiceLevelReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier.

Refer to ServiceLevelReferenceType definition for any enumerations.

AssignedBy [attribute]

AssignedBy is mandatory. A single instance is required.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

ServiceLevelReferenceType [attribute]

Provides a contextual explanation of the specific reference identifier.



This item is restricted to the following list.

DeliveryChargeAccountNumber

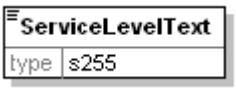
Account Number to which the delivery charges are billed.

ServiceLevelAgreementNumber

The unique identifier given to a service level agreement.

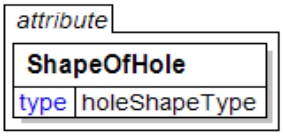
ServiceLevelText

Text that is describing the service level.



ShapeOfHole [attribute]

The shape of the hole



This item is restricted to the following list.

Elongated

The shape of the hole is elongated.

Oval

The shape of the hole is ovular.

Round

The shape of the hole is round.

Square

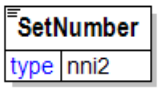
The shape of the hole is square.

Other

The shape of the hole is other.

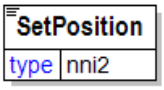
SetNumber

The part of the radius of the Tambour that constitutes the reel.



SetPosition

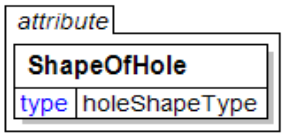
The position of the reel in relation to the reels cut across the Tambour.



ShapeOfHole [attribute]

The shape of the hole

This item is restricted to the following list.



Elongated

The shape of the hole is elongated.

Oval

The shape of the hole is ovular.

Round

The shape of the hole is round.

Square

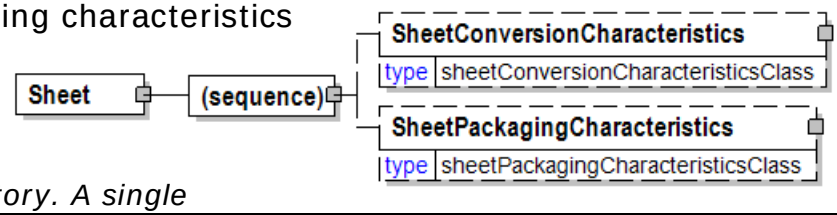
The shape of the hole is square.

Other

The shape of the hole is other.

Sheet

A group item that contains the conversion and packaging characteristics for sheets.



(sequence)

The sequence of items below is mandatory. A single

instance is required.

SheetConversionCharacteristics

SheetConversionCharacteristics is optional. A single instance might exist.

A group item that lists the conversion elements describing how a sheets are converted from a tambour.

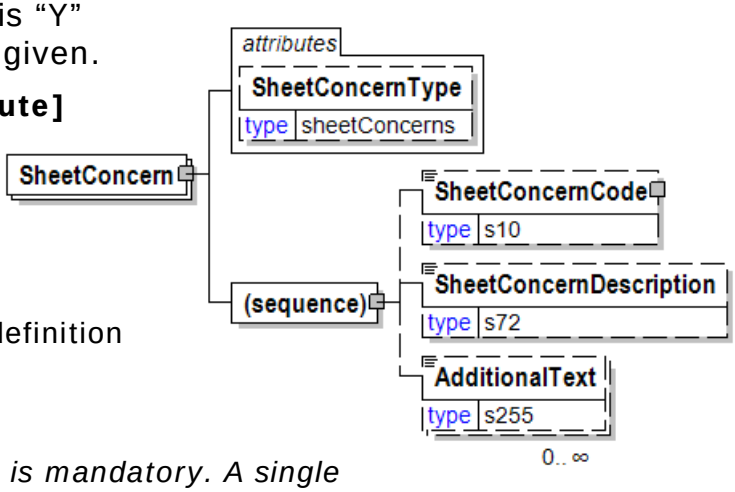
SheetPackagingCharacteristics

SheetPackagingCharacteristics is optional. A single instance might exist.

A group item that contains elements relative to the sheet packaging.

SheetConcern

If the ConcernIndicatorType is “Y” then a defect cause must be given.



SheetConcernType [attribute]

SheetConcernType is optional. A single instance might exist.

Sheet Concern Type

Refer to SheetConcernType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

SheetConcernCode

SheetConcernCode is optional. A single instance might exist.

Code used to identify problem with the sheet.

SheetConcernDescription

SheetConcernDescription is optional. A single instance might exist.

Description used to narrate the problem with the sheet.

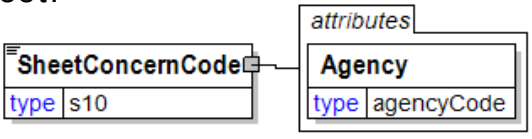
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

SheetConcernCode

Code used to identify problem with the sheet.



Agency [attribute]

Agency is mandatory. A single instance is required.

Describes the agency maintaining the list of codes. To be included in this list

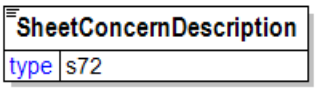
the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

SheetConcernDescription

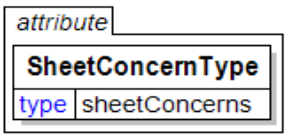
Description used to narrate the problem with the sheet.



SheetConcernType [attribute]

Sheet Concern Type

This item is restricted to the following list.



BladeOrApplicatorRollStreaks

BowedEdges

CaliperVariation

CoatedBladeScratch

CoatingStreaks

ColouredFibres

Curling

CutterWrinkles

Dirt

DyeStreaks

FeltMarks

Mottle

Other

OutOfSquareOrSize

ShadeVariation

SheetRelatedProblems

SlimeHole

SlimeSpot

StaticElectricity

Stretching

SurfaceDefectsOther

TightEdges

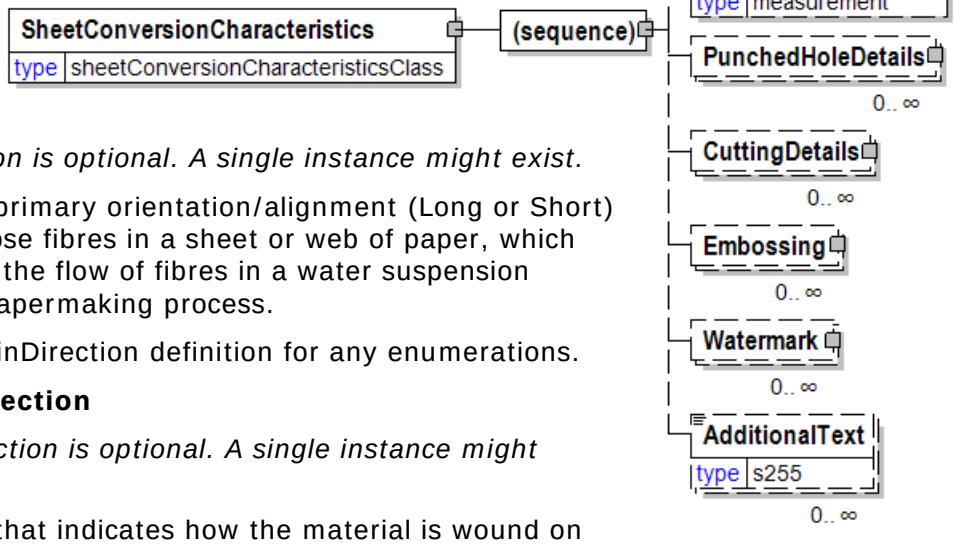
WavyEdges

WireHole

WrinklesOther

SheetConversionCharacteristics

A group item that lists the conversion elements describing how a sheets are converted from a tambour.



(sequence)

The sequence of items below is mandatory. A single instance is required.

ConversionCode

ConversionCode is optional. A single instance might exist.

A code, as assigned by an Agency, used to identify a group of conversion characteristics.

GrainDirection

GrainDirection is optional. A single instance might exist.

Defines the primary orientation/alignment (Long or Short) of the cellulose fibres in a sheet or web of paper, which results from the flow of fibres in a water suspension during the papermaking process.

Refer to GrainDirection definition for any enumerations.

WindingDirection

WindingDirection is optional. A single instance might exist.

An element that indicates how the material is wound on the reel.

Refer to WindingDirection definition for any enumerations.

SheetSize

SheetSize is optional. Multiple instances might exist.

A group item that contains elements relative to the sheet size.

TargetProductWeight

TargetProductWeight is optional. A single instance might exist.

The desired weight of the finished product.

PunchedHoleDetails

PunchedHoleDetails is optional. Multiple instances might exist.

A grouping element that will contain the configuration information for punched holes.

CuttingDetails

CuttingDetails is optional. Multiple instances might exist.

Cutting Details provides information on how to cut the sheet.

Embossing

Embossing is optional. Multiple instances might exist.

Embossing requirements for sheets and reels. Embossing involves a physical deformation of the paper surface as part of the conversion process. Embossing is applied either in-line (directly after the paper machine) or off-line. Refer to the attribute FinishType for additional information.

Watermark

Watermark is optional. Multiple instances might exist.

Watermark information

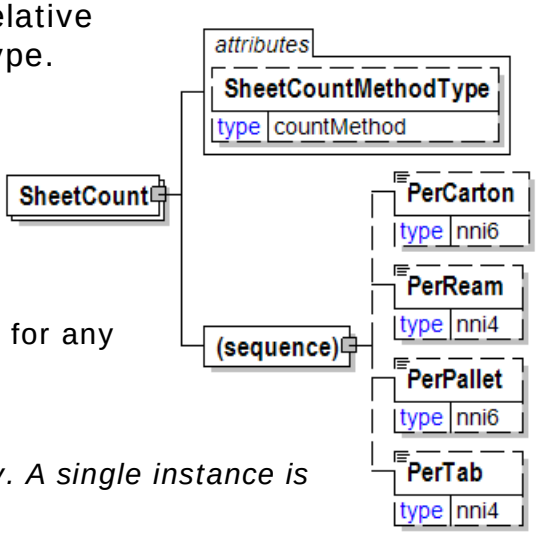
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

SheetCount

A group item that contains information relative to the number of sheets per packaging type.



SheetCountMethodType [attribute]

SheetCountMethodType is optional. A single instance might exist.

Defines the method used to count the sheets.

Refer to SheetCountMethodType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PerCarton

PerCarton is optional. A single instance might exist.

A field indicating the number of sheets per carton.

PerReam

PerReam is optional. A single instance might exist.

A field indicating the number of sheets per ream.

PerPallet

PerPallet is optional. A single instance might exist.

A field indicating the number of sheets on the pallet.

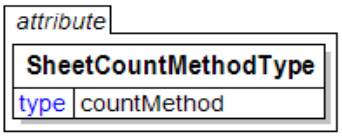
PerTab

PerTab is optional. A single instance might exist.

A field indicating the number of sheets per tab marking.

SheetCountMethodType [attribute]

Defines the method used to count the sheets.



This item is restricted to the following list.

Counter

Sheets will be counted using a counter at the cutter.

Laser

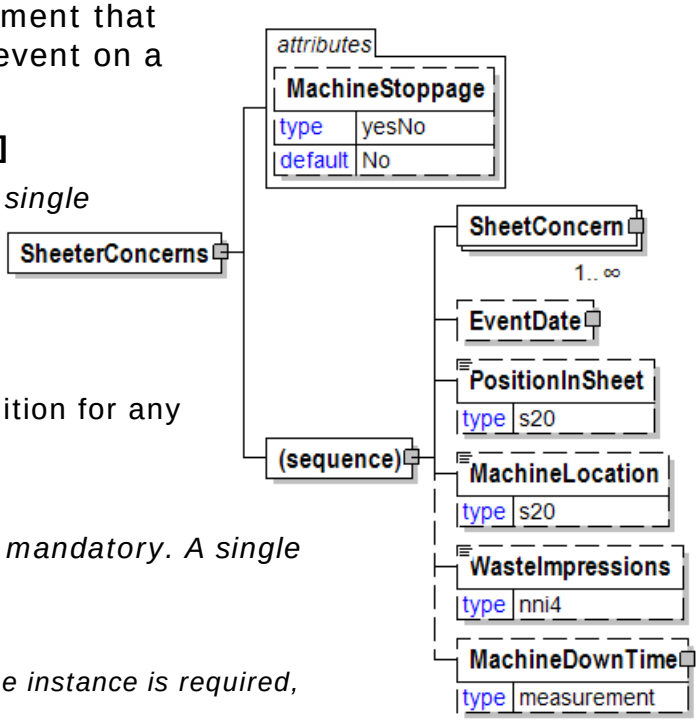
Sheets will be counted using a laser scanner.

NominalGrammage

The number of sheets will be calculated using the nominal grammage and the actual weight of the sheets.

SheeterConcerns

SheeterConcerns is a group element that provides information about an event on a sheeter.



MachineStoppage [attribute]

MachineStoppage is optional. A single instance might exist.

An indicator on whether the production had to be periodically stopped.

Refer to MachineStoppage definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

SheetConcern

SheetConcern is mandatory. One instance is required, multiple instances might exist.

If the ConcernIndicatorType is “Y” then a defect cause must be given.

EventDate

EventDate is optional. A single instance might exist.

The date the incident or delay on press was recorded.

PositionInSheet

PositionInSheet is optional. A single instance might exist.

Location in the sheet where the defect was identified.

MachineLocation

MachineLocation is optional. A single instance might exist.

A unique and defined area in the operating machine. On a printing press it would

include areas such as: “Splicer”, “Infeed”, “Print Unit”, “folder”, “Silcone coater”. Also see PressBreakLocation.

WasteImpressions

WasteImpressions is optional. A single instance might exist.

The number of bad revolutions produced on a printing unit.

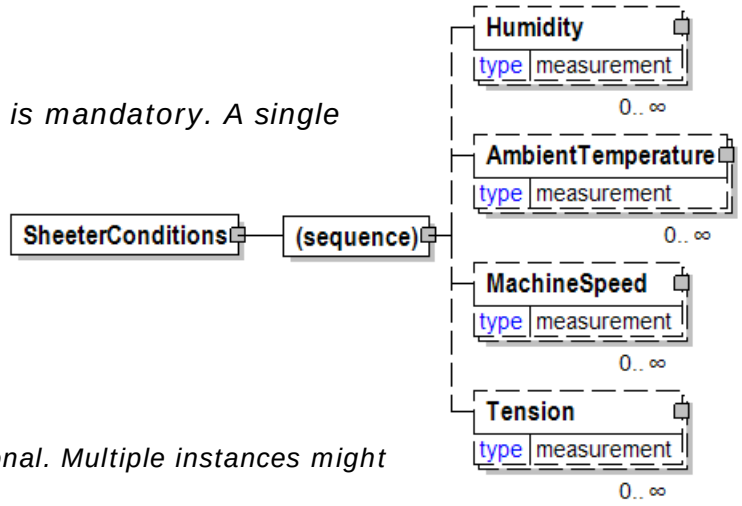
MachineDownTime

MachineDownTime is optional. A single instance might exist.

The length of loss production time that a machine experienced due to malfunction regardless of cause.

SheeterConditions

Identifies the environmental conditions when the sheet was printed on.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Humidity

Humidity is optional. Multiple instances might exist.

Humidity

AmbientTemperature

AmbientTemperature is optional. Multiple instances might exist.

The temperature of the surrounding environment.

MachineSpeed

MachineSpeed is optional. Multiple instances might exist.

The rate at which the machine is, was, or should be running.

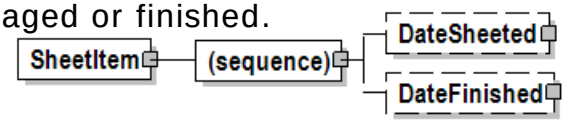
Tension

Tension is optional. Multiple instances might exist.

Tension of the web on the printing press.

SheetItem

A group item consisting potentially of the date the sheets were converted into sheets and/or packaged or finished.



(sequence)

The sequence of items below is mandatory. A single instance is required.

DateSheeted

DateSheeted is optional. A single instance might exist.

The Date and optionally the Time that the paper was sheeted.

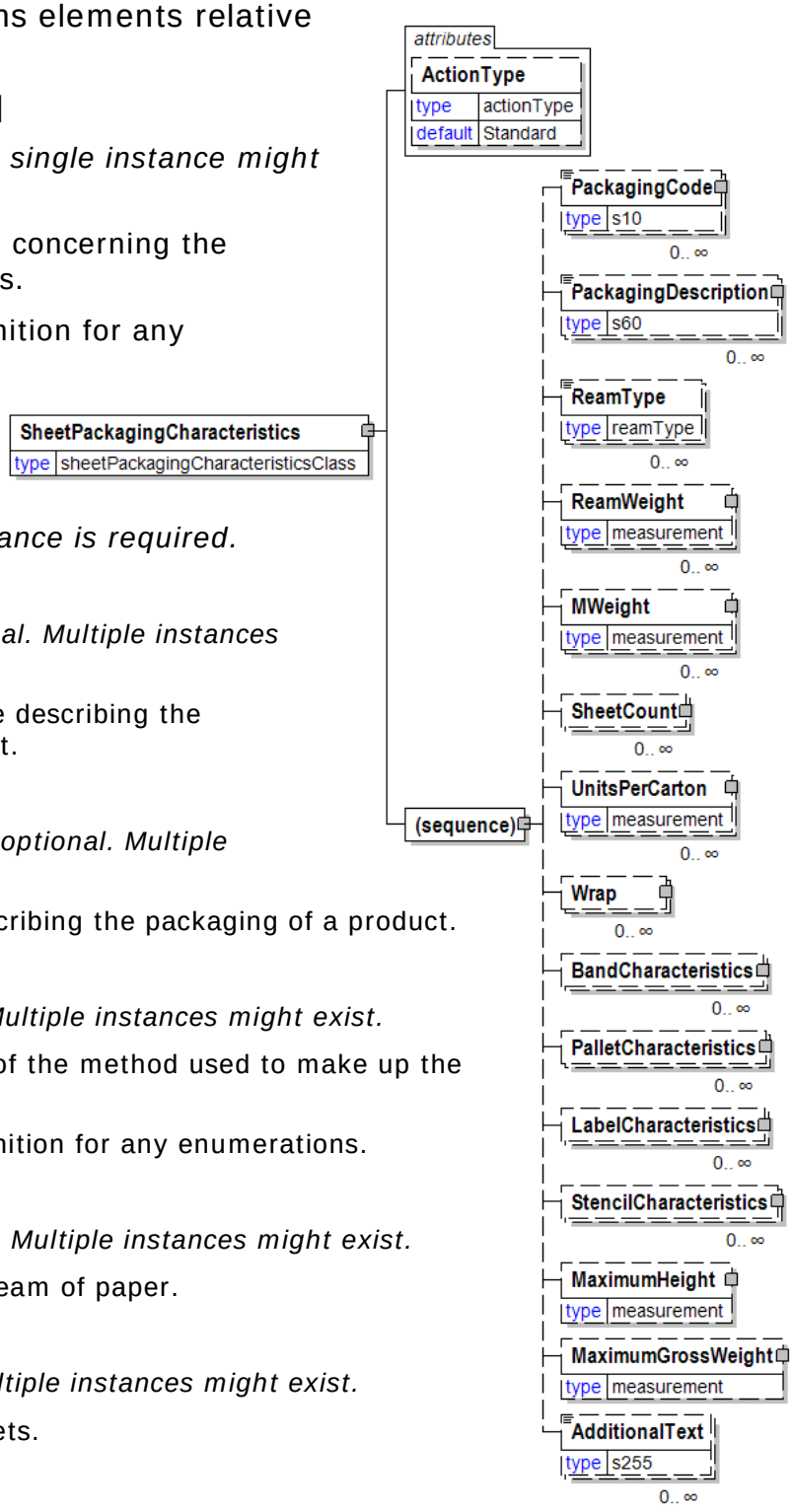
DateFinished

DateFinished is optional. A single instance might exist.

The Date and optionally the Time that an item was finished. For example, this could be the wrapping date for a reel or ream or the date the sheet(s) were packaged in preparation for shipment

SheetPackagingCharacteristics

A group item that contains elements relative to the sheet packaging.



ActionType [attribute]

ActionType is optional. A single instance might exist.

Used to trigger an action concerning the element to which it refers.

Refer to ActionType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PackagingCode

PackagingCode is optional. Multiple instances might exist.

PackagingCode is a code describing the packaging of the product.

PackagingDescription

PackagingDescription is optional. Multiple instances might exist.

A text field element describing the packaging of a product.

ReamType

ReamType is optional. Multiple instances might exist.

The textual description of the method used to make up the reams..

Refer to ReamType definition for any enumerations.

ReamWeight

ReamWeight is optional. Multiple instances might exist.

The target weight of a ream of paper.

MWeight

MWeight is optional. Multiple instances might exist.

The weight of 1000 sheets.

SheetCount

SheetCount is optional. Multiple instances might exist.

A group item that contains information relative to the number of sheets per packaging type.

UnitsPerCarton

UnitsPerCarton is optional. Multiple instances might exist.

The number of units per box.

Wrap

Wrap is optional. Multiple instances might exist.

A group item that organises wrapping detail information.

BandCharacteristics

BandCharacteristics is optional. Multiple instances might exist.

A group item that organises the packaging band detail information.

PalletCharacteristics

PalletCharacteristics is optional. Multiple instances might exist.

A group item that provides pallet detail information.

LabelCharacteristics

LabelCharacteristics is optional. Multiple instances might exist.

A group item that organises the labeling information.

StencilCharacteristics

StencilCharacteristics is optional. Multiple instances might exist.

A group element specifying attributes of a stencil to be applied to an item, and optional text.

MaximumHeight

MaximumHeight is optional. A single instance might exist.

The maximum height allowed including the pallet.

MaximumGrossWeight

MaximumGrossWeight is optional. A single instance might exist.

The maximum weight allowed including the pallet.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

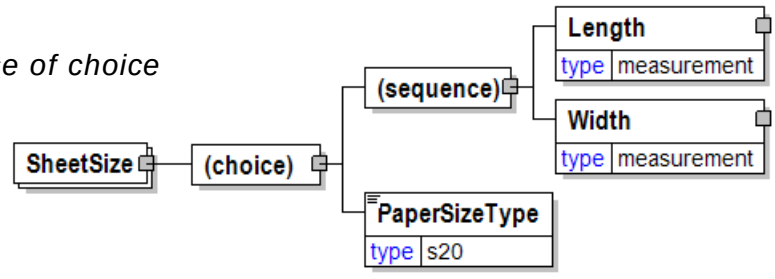
A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

SheetSize

A group item that contains elements relative to the sheet size.

(choice)

[choice] is optional because of choice construct.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Length

Length is mandatory. A single instance is required.

The length of the object.

Width

Width is mandatory. A single instance is required.

The width of the object.

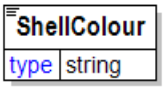
PaperSizeType

PaperSizeType is optional because of choice construct.

A field that defines the sheet size using the DIN standard (DINA4, DINA3, and so on).

ShellColour

Shell colour



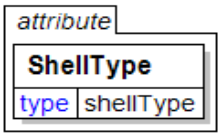
ShellType [attribute]

The type of shell

This item is restricted to the following list.

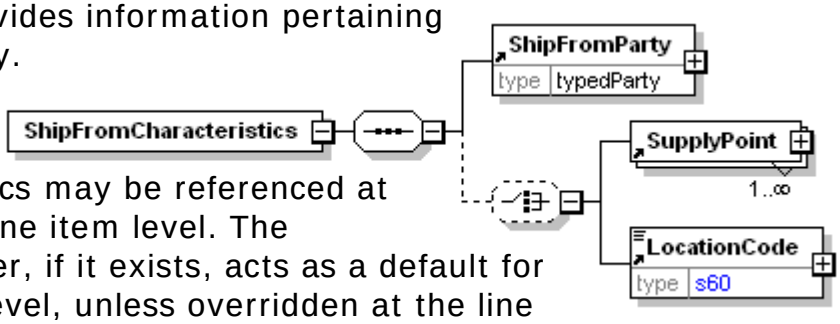
SonicWeld

FiveScrew



ShipFromCharacteristics

A group item that provides information pertaining to the Ship-From Party.



ShipFromCharacteristics may be referenced at both the header and line item level. The reference at the header, if it exists, acts as a default for the value at the line level, unless overridden at the line level.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ShipFromParty

ShipFromParty is mandatory. A single instance is required.

The name and/or address from which the goods will be delivered with the party type indicated by the PartyType attribute.

(choice)

[choice] is optional because of choice construct.

SupplyPoint

SupplyPoint is optional because of choice construct.

Grouping element that contains items describing a supply point. A SupplyPoint belongs to a LocationParty, e.g. in a DeliveryOrigin or DeliveryDestination, and

describes where goods are stored and can be loaded or unloaded. A SupplyPoint can for example be a loading or unloading gate at a warehouse or a road side landing at a logging area in the forest.

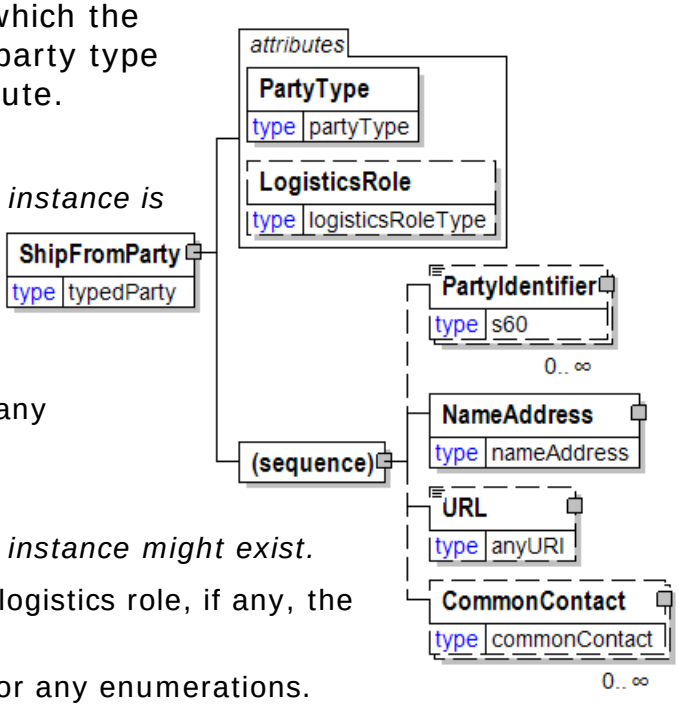
LocationCode

LocationCode is optional because of choice construct.

A code used to identify a specific physical location within a site identified by a party, e.g. a loading station in a warehouse or an unloading station at a printer site.
LocationCode will be deprecated in a future version. Use SupplyPoint instead of LocationCode.

ShipFromParty

The name and/or address from which the goods will be delivered with the party type indicated by the PartyType attribute.



PartyType [attribute]

PartyType is mandatory. A single instance is required.

Identifies the business role associated with the particular party

Refer to PartyType definition for any enumerations.

LogisticsRole [attribute]

LogisticsRole is optional. A single instance might exist.

Communicates the nature of the logistics role, if any, the party plays in the transaction.

Refer to LogisticsRole definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PartyIdentifier

PartyIdentifier is optional. Multiple instances might exist.

A unique identifier of a specific party. This element contains an attribute PartyIdentifierType that indicates the type of party.

NameAddress

NameAddress is mandatory. A single instance is required.

A group item containing name and address of an organisation or business entity.

URL

URL is optional. A single instance might exist.

Universal Resource Locator. While typically a web address you could use this field to hold an email address.

CommonContact

CommonContact is optional. Multiple instances might exist.

Identifies a specific individual associated with the party.

ShipmentComplete [attribute]

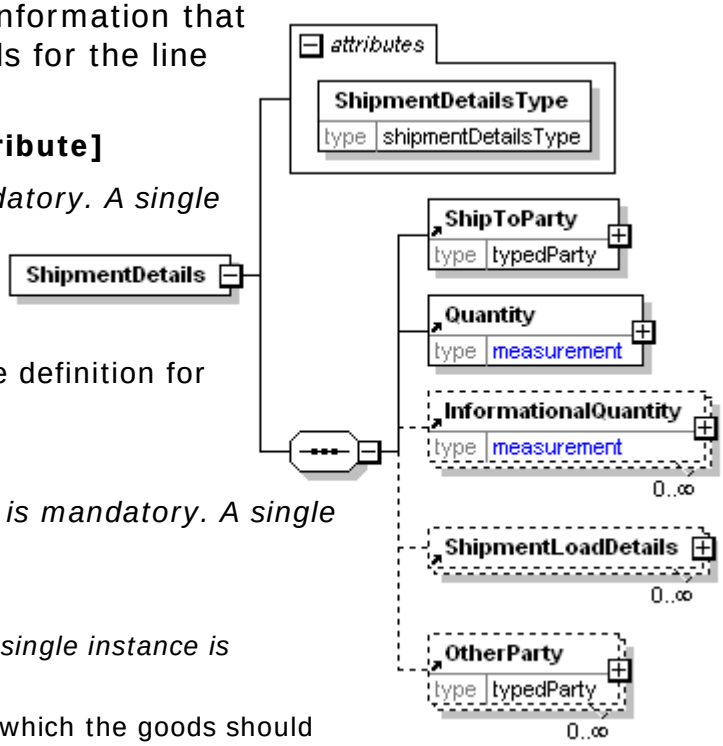
Indicates that all shipments for the particular delivery item are complete. *This item is restricted to the following list.*

Yes

No

ShipmentDetails

A group element containing information that relates to the shipment details for the line item.



ShipmentDetailsType [attribute]

ShipmentDetailsType is mandatory. A single instance is required.

Provides information about the shipment's status

Refer to ShipmentDetailsType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ShipToParty

ShipToParty is mandatory. A single instance is required.

The name and/or address to which the goods should be delivered with the party type indicated by the PartyType attribute.

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the

invoice quantity of 20,000 pounds.

ShipmentLoadDetails

ShipmentLoadDetails is optional. Multiple instances might exist.

A group element that containing information that relates to the shipment load details for the line item. Carrier and transport information may be detailed.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

ShipmentDetailsType [attribute]

Provides information about the shipment's status



This item is restricted to the following list.

Forecast

The shipment has not yet taken place

Shipment

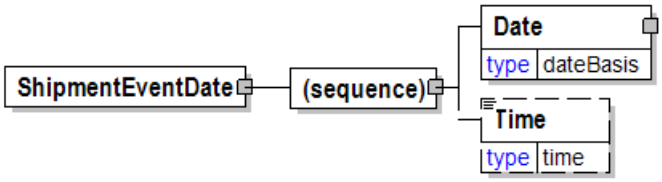
The shipment has taken place.

ShipmentEventDate

Date of the event.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized "local" time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

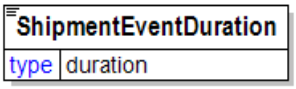
hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use "Z" when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

ShipmentEventDuration

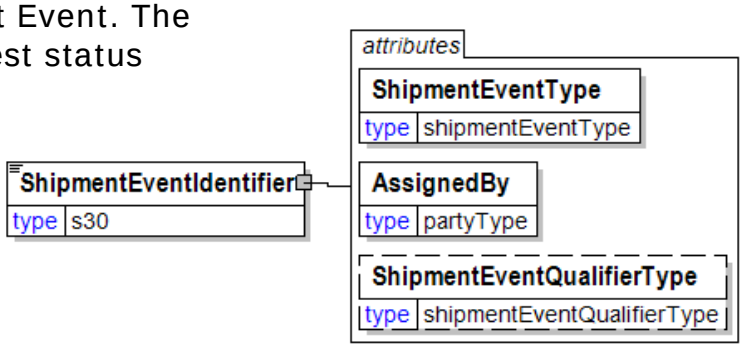
The length of time for the shipment event being described.



The lexical representation for duration is the [ISO 8601] extended format PnYn MnDTnH nMnS, where nY represents the number of years, nM the number of months, nD the number of days, 'T' is the date/time separator, nH the number of hours, nM the number of minutes and nS the number of seconds. The number of seconds can include decimal digits to arbitrary precision. E.g. 25 hours = PT25H, 1 day and 34 minutes = P1DT23M.

ShipmentEventIdentifier

Text to identify the Shipment Event. The Carrier should report the latest status available to the requestor.



ShipmentEventType [attribute]

ShipmentEventType is mandatory. A single instance is required.

Indicates the type of event.

Refer to ShipmentEventType definition for any enumerations.

AssignedBy [attribute]

AssignedBy is mandatory. A single instance is required.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy definition for any enumerations.

ShipmentEventQualifierType [attribute]

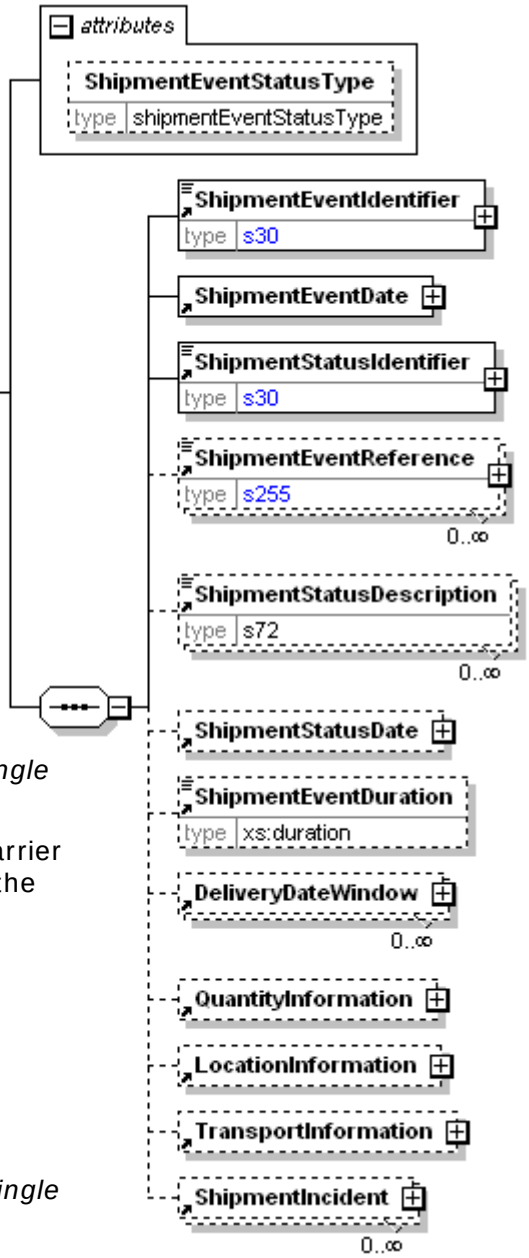
ShipmentEventQualifierType is optional. A single instance might exist.

Provides additional details related to the general shipment event.

Refer to ShipmentEventQualifierType definition for any enumerations.

ShipmentEventInformation

A grouping element that contains the items that describe the shipment event and status situation



ShipmentEventStatusType [attribute]

ShipmentEventStatusType is optional. A single instance might exist.

Identifies the status of the information for the shipment event.

Refer to ShipmentEventInformation

ShipmentEventStatusType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ShipmentEventIdentifier

ShipmentEventIdentifier is mandatory. A single instance is required.

Text to identify the Shipment Event. The Carrier should report the latest status available to the requestor.

ShipmentEventDate

ShipmentEventDate is mandatory. A single instance is required.

Date of the event.

ShipmentStatusIdentifier

ShipmentStatusIdentifier is mandatory. A single instance is required.

Text to identify the status of the event.

ShipmentEventReference

ShipmentEventReference is optional. Multiple instances might exist.

An item detailing relevant references pertaining to the shipment event information. The type of reference is identified by the ShipmentEventReferenceType attribute.

ShipmentStatusDescription

ShipmentStatusDescription is optional. Multiple instances might exist.

Text field that may further describe the event's status in detail.

ShipmentStatusDate

ShipmentStatusDate is optional. A single instance might exist.

Date of the status of the event.

ShipmentEventDuration

ShipmentEventDuration is optional. A single instance might exist.

The length of time for the shipment event being described.

The lexical representation for duration is the [ISO 8601] extended format PnYn MnDTnH nMnS, where nY represents the number of years, nM the number of months, nD the number of days, 'T' is the date/time separator, nH the number of hours, nM the number of minutes and nS the number of seconds. The number of seconds can include decimal digits to arbitrary precision. E.g. 25 hours = PT25H, 1 day and 34 minutes = P1DT23M.

DeliveryDateWindow

DeliveryDateWindow is optional. Multiple instances might exist.

A group item defining the date/time interval for delivery to take place. An element which may contain the estimated date for which delivery is expected. This date is not absolute.

QuantityInformation

QuantityInformation is optional. A single instance might exist.

A group item containing information about quantity and informational quantity of similar items.

LocationInformation

LocationInformation is optional. A single instance might exist.

A grouping element describing the location of the shipment.

TransportInformation

TransportInformation is optional. A single instance might exist.

A grouping element for transport information.

ShipmentIncident

ShipmentIncident is optional. Multiple instances might exist.

A grouping element that contains information about the shipment incident.

ShipmentEventQualifierType [attribute]

Provides additional details related to the general shipment event.



This item is restricted to the following list.

Arrived

The vehicle has arrived.

Completed

The event has ended.

CostBasisCompleted

Transport properties needed in calculation of transport costs are recorded and reported as complete.

Departed

The vehicle has departed.

DocumentationCompleted

Documentation has been completed.

Measured

The load has been measured.

Scheduled

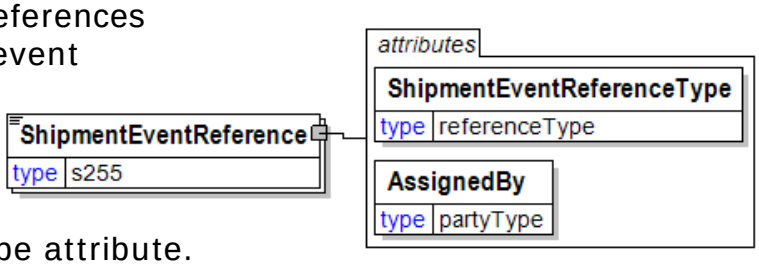
The event has been scheduled.

Started

The event has started.

ShipmentEventReference

An item detailing relevant references pertaining to the shipment event information. The type of reference is identified by the



ShipmentEventReferenceType attribute.

ShipmentEventReferenceType [attribute]

ShipmentEventReferenceType is mandatory. A single instance is required.

ShipmentEventReferenceType provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Customer”, “Seller”, and/or “Supplier”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to ShipmentEventReferenceType definition for any enumerations.

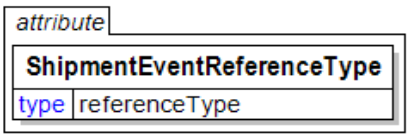
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

ShipmentEventReferenceType [attribute]



ShipmentEventReferenceType provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Customer”, “Seller”, and/or “Supplier”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

ShipmentEventStatusType [attribute]

Identifies the status of the information for the shipment event.



This item is restricted to the following list.

Amended

The supplied information is changed.

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

NoAction

The supplied information has not been amended and thereby requires no action.

Original

The supplied information is the first version of that information.

ShipmentEventType [attribute]

Indicates the type of event.



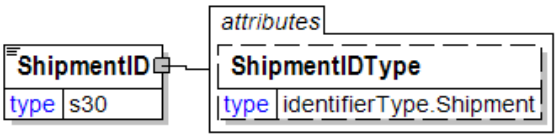
This item is restricted to the following list.

Loading

Unloading

ShipmentID

The ShipmentID may be a Bill of Lading Marking, which is customer's reference mark on each package used for logistic purposes. Should not be mixed up with Bill of Lading number. Another example of ShipmentID is grouping by a ContainerID.



ShipmentIDType [attribute]

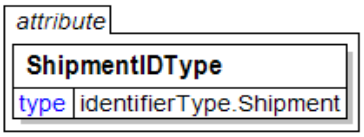
ShipmentIDType is optional. A single instance might exist.

Shipment ID Type

Refer to ShipmentIDType definition for any enumerations.

ShipmentIDType [attribute]

Shipment ID Type



This item is restricted to the following list.

BillOfLadingMark

Assigning party's reference mark on each package used for logistic purposes (a mark which is painted to packages just to make handling easier). Not to be confused with Bill of Lading Number.

ContainerID

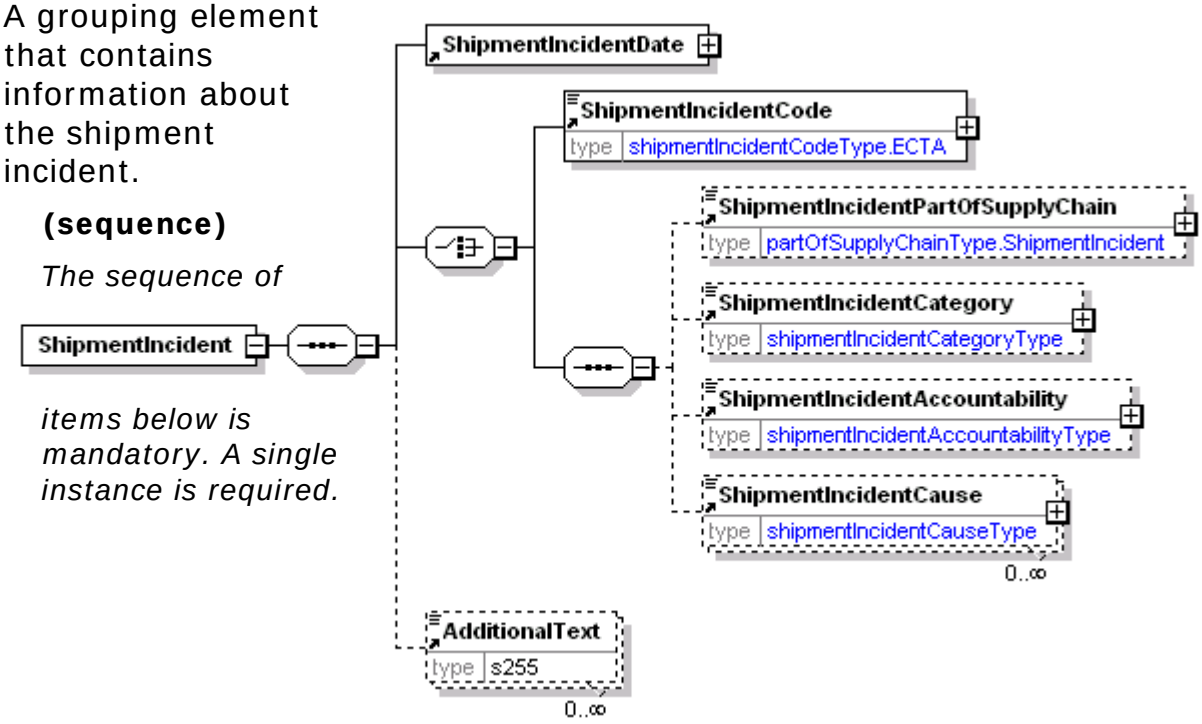
Container ID.

LotIdentifier

A unique code used to identify a grouping of product with one set of quality statistics common to all members of that group. Synonym: Lot Number

ShipmentIncident

A grouping element that contains information about the shipment incident.



(sequence)

The sequence of items below is mandatory. A single instance is required.

ShipmentIncidentDate

ShipmentIncidentDate is mandatory. A single instance is required.

The date of the shipment incident being reported.

(choice)

[choice] is optional because of choice construct.

ShipmentIncidentCode

ShipmentIncidentCode is optional because of choice construct.

The ECTA-EPCA-CEFIC codes for shipment incidents. This element is validated (via patterns) to ensure that only valid codes are entered. Refer to www.ecta.be for more information.

(sequence)

The sequence of items is optional because of choice construct.

ShipmentIncidentPartOfSupplyChain

ShipmentIncidentPartOfSupplyChainis is optional. A single instance might exist.

The ECTA-EPCA-CEFIC codes for the part of the supply chain within which the shipment incident occurred. Refer to www.ecta.be for more information.

Refer to ShipmentIncidentPartOfSupplyChain definition for any enumerations.

ShipmentIncidentCategory

ShipmentIncidentCategory is optional. A single instance might exist.

The ECTA-EPCA-CEFIC codes for shipment incident categorization. Refer to www.ecta.be for more information.

Refer to ShipmentIncidentCategory definition for any enumerations.

ShipmentIncidentAccountability

ShipmentIncidentAccountability is optional. A single instance might exist.

The ECTA-EPCA-CEFIC codes for shipment incident accountability. Refer to www.ecta.be for more information.

Refer to ShipmentIncidentAccountability definition for any enumerations.

ShipmentIncidentCause

ShipmentIncidentCause is optional. Multiple instances might exist.

The ECTA-EPCA-CEFIC codes for shipment incident cause. Refer to www.ecta.be for more information.

Refer to ShipmentIncidentCause definition for any enumerations.

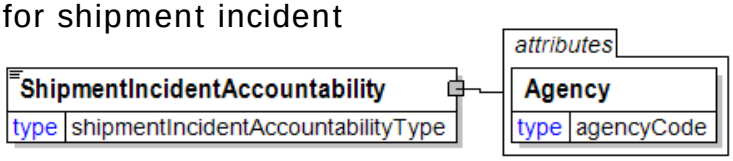
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

ShipmentIncidentAccountability

The ECTA-EPCA-CEFIC codes for shipment incident accountability. Refer to www.ecta.be for more information.



This item is restricted to the following list.

Haulier

Final Customer

(There is a space between these words.)

Supplier

Force Majeure

Events beyond the control of anyone. (There is a space between these words.)

Agency [attribute]

Agency is mandatory. A single instance is required.

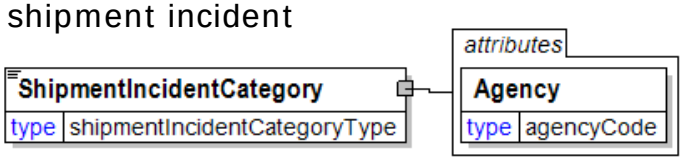
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

ShipmentIncidentCategory

The ECTA-EPCA-CEFIC codes for shipment incident categorization. Refer to www.ecta.be for more information.



This item is restricted to the following list.

DateAndTime

Corresponds to the “Date & Time” ECTA-EPCA-CEFIC option.

Equipment

Product

Packaging

Documentation

Safety

Behaviour

Agency [attribute]

Agency is mandatory. A single instance is required.

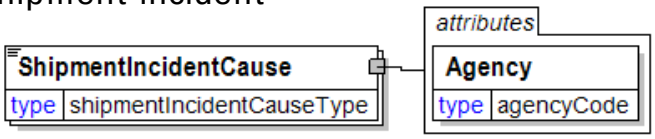
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

ShipmentIncidentCause

The ECTA-EPCA-CEFIC codes for shipment incident cause. Refer to www.ecta.be for more information.



This item is restricted to the following list.

Human Error

(There is a space between words.)

Communication / Information / Instructions / Instructions / Failure

Documents Failure

(There is a space between words.)

Breakdown of equipment

(There is a space between words.)

Product or packaging damage

(There is a space between words.)

Wrong equipment

(There is a space between words.)

Non-availability

Rush order

(There is a space between words.)

Accident

Theft and Vandalism

(There is a space between words.)

Unsafe conditions

(There is a space between words.)

Upon request

(There is a space between words.)

Third party

(There is a space between words.)

Excessive customs clearance

(There is a space between words.)

Traffic

Strike

Weather

Agency [attribute]

Agency is mandatory. A single instance is required.

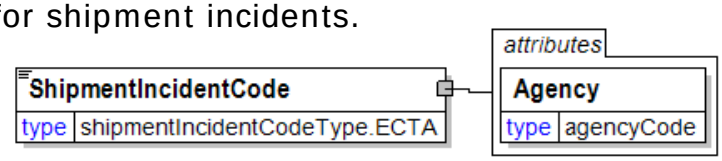
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

ShipmentIncidentCode

The ECTA-EPCA-CEFIC codes for shipment incidents. This element is validated (via patterns) to ensure that only valid codes are entered. Refer to www.ecta.be for more information.



Agency [attribute]

Agency is mandatory. A single instance is required.

Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

For the element that owns this attribute.

For another attribute in the list of attributes associated with the parent element.

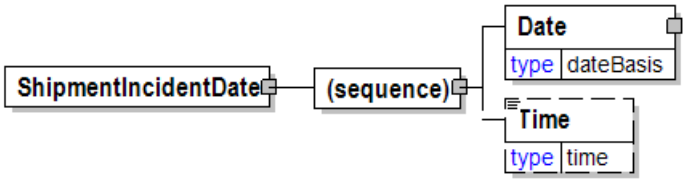
Refer to Agency definition for any enumerations.

ShipmentIncidentDate

The date of the shipment incident being reported.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

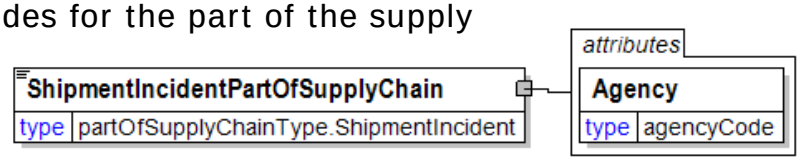
Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

ShipmentIncidentPartOfSupplyChain

The ECTA-EPCA-CEFIC codes for the part of the supply chain within which the shipment incident occurred. Refer to www.ecta.be for more information.



This item is restricted to the following list.

Delivery

Loading

Agency [attribute]

Agency is mandatory. A single instance is required.

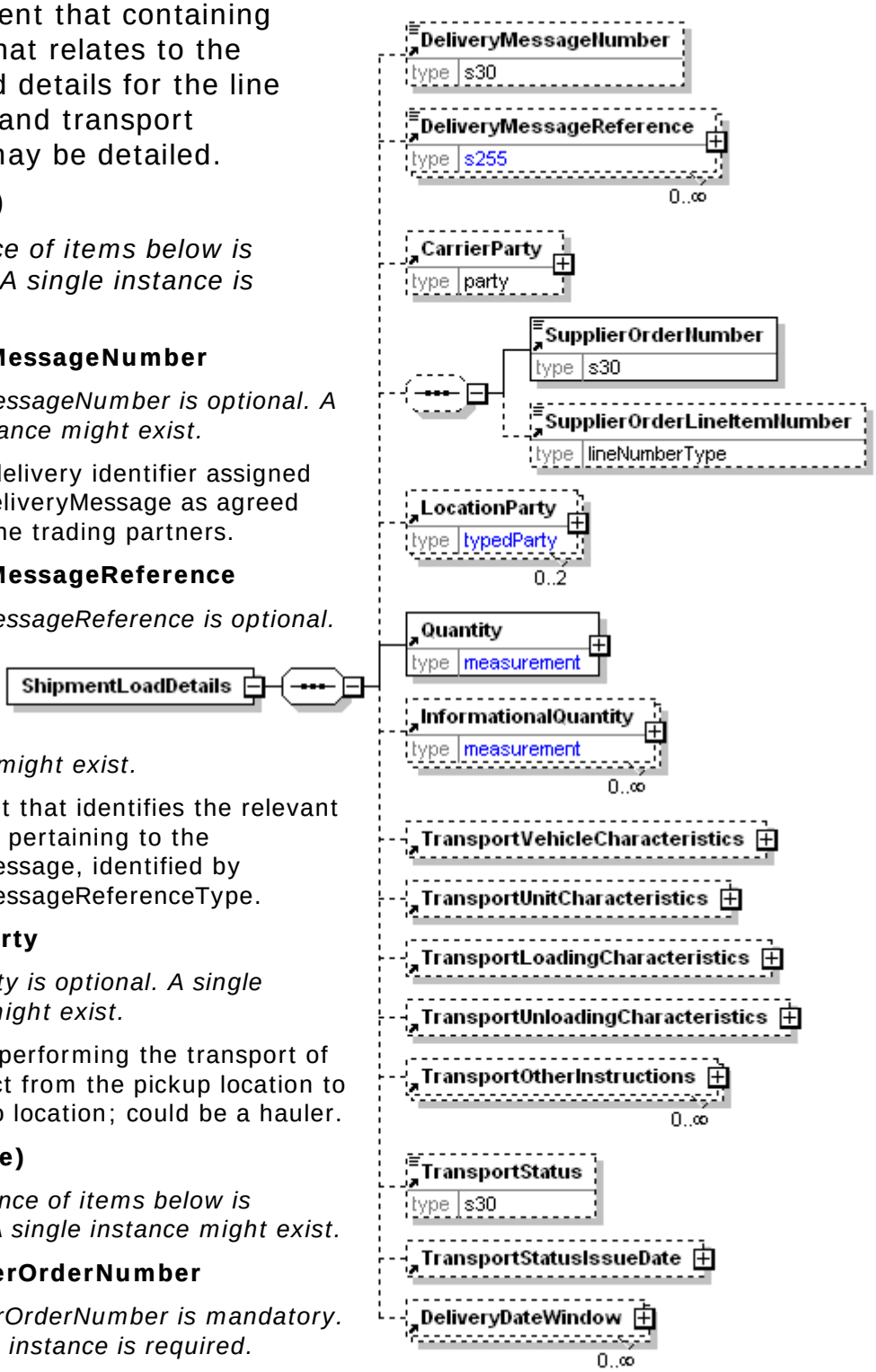
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

ShipmentLoadDetails

A group element that containing information that relates to the shipment load details for the line item. Carrier and transport information may be detailed.



(sequence)

The sequence of items below is mandatory. A single instance is required.

DeliveryMessageNumber

DeliveryMessageNumber is optional. A single instance might exist.

A unique delivery identifier assigned to each DeliveryMessage as agreed between the trading partners.

DeliveryMessageReference

DeliveryMessageReference is optional. Multiple instances might exist.

An element that identifies the relevant references pertaining to the DeliveryMessage, identified by DeliveryMessageReferenceType.

CarrierParty

CarrierParty is optional. A single instance might exist.

The party performing the transport of the product from the pickup location to the ship-to location; could be a hauler.

(sequence)

The sequence of items below is optional. A single instance might exist.

SupplierOrderNumber

SupplierOrderNumber is mandatory. A single instance is required.

The number of the supplier order.

SupplierOrderLineItemNumber

SupplierOrderLineItemNumber is optional. A single instance might exist.

The number of the line item on the supplier order.

LocationParty

LocationParty is optional. Two instances might exist.

The organization or business entity where the business event took place or will take

place.

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

TransportVehicleCharacteristics

TransportVehicleCharacteristics is optional. A single instance might exist.

A group item containing information about a transport vehicle, e.g. a truck. A transport vehicle has its own power and can be used to pull, push, carry, or tow a transport unit loaded with goods.

TransportUnitCharacteristics

TransportUnitCharacteristics is optional. A single instance might exist.

A group item containing information about a transport unit, e.g. a trailer. Transport units contain goods and move using power from another source, the transport vehicle.

TransportLoadingCharacteristics

TransportLoadingCharacteristics is optional. A single instance might exist.

A group item defining how the transported items are to be loaded.

TransportUnloadingCharacteristics

TransportUnloadingCharacteristics is optional. A single instance might exist.

A group item defining how the transported items are to be unloaded.

TransportOtherInstructions

TransportOtherInstructions is optional. Multiple instances might exist.

A group item defining any other instructions for the transport not covered in the description of transport mode, vehicle, unit, and loading characteristics or defining an alternative description for the categories mentioned above.

TransportStatus

TransportStatus is optional. A single instance might exist.

Text element used to communicate the current status of the shipment actually being transported to the recipient. This element could indicate the tracking status that the transport company issues. Alternatively, it could be the vendor's internal tracking status of the shipment.

TransportStatusIssueDate

TransportStatusIssueDate is optional. A single instance might exist.

The Date and Time the transport status is issued.

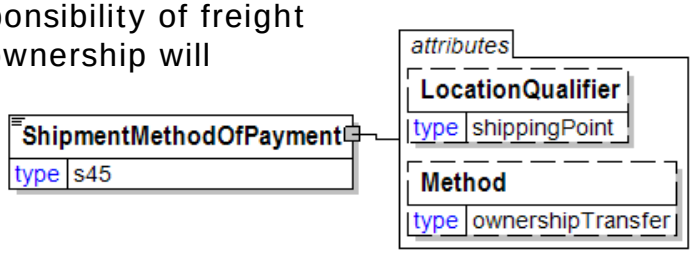
DeliveryDateWindow

DeliveryDateWindow is optional. Multiple instances might exist.

A group item defining the date/time interval for delivery to take place. An element which may contain the estimated date for which delivery is expected. This date is not absolute.

ShipmentMethodOfPayment

An element communicating responsibility of freight payment and when transfer of ownership will occur.



LocationQualifier [attribute]

LocationQualifier is optional.
A single instance might exist.

An attribute of the shipment method of payment describing the location to which the delivery terms refer. This location determines where and when the goods ownership is transferred from the seller to the buyer.

Refer to LocationQualifier definition for any enumerations.

Method [attribute]

Method is optional. A single instance might exist.

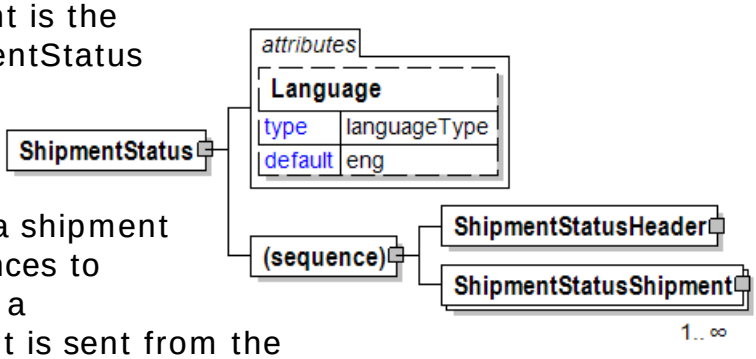
An attribute of the shipment method of payment, which defines the responsibilities of buyers and sellers for delivery under a sales contract.

It especially determines the obligations of the seller and the buyer regarding the payment of the freight costs.

Refer to Method definition for any enumerations.

ShipmentStatus

The ShipmentStatus element is the root element for the ShipmentStatus e-Document.



The ShipmentStatus e-Document is sent to communicate the status of a shipment or consignment with references to other documents. Typically, a ShipmentStatus e-Document is sent from the forwarder or carrier to the consignor / forwarder.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ShipmentStatusHeader

ShipmentStatusHeader is mandatory. A single instance is required.

The ShipmentStatusHeader contains information common to the entire ShipmentStatus e-Document.

ShipmentStatusShipment

ShipmentStatusShipment is mandatory. One instance is required, multiple instances might exist.

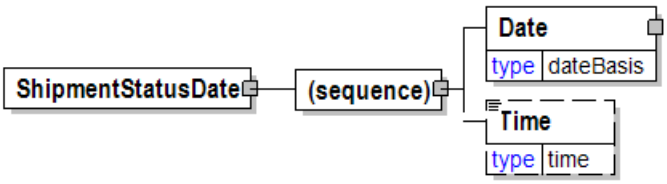
The shipment or consignment details that are being communicated.

ShipmentStatusDate

Date of the status of the event.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

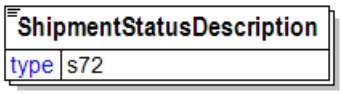
hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

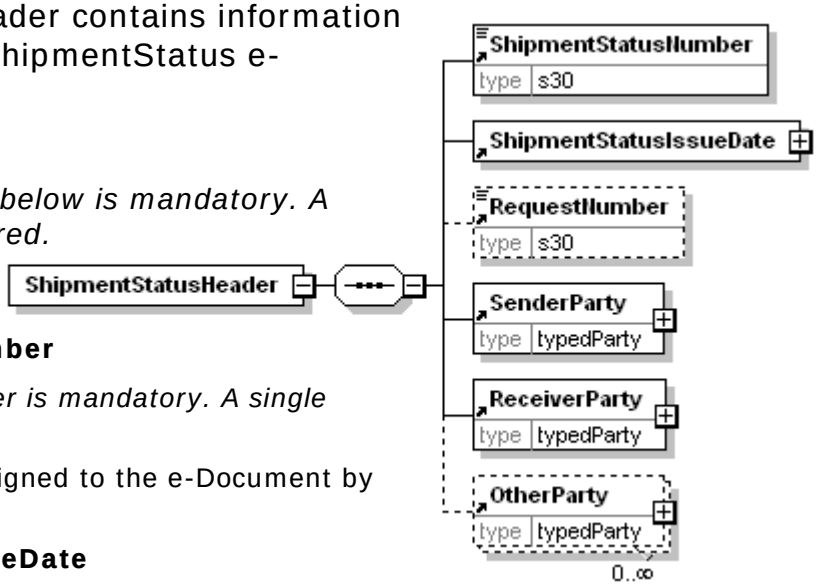
ShipmentStatusDescription

Text field that may further describe the event’s status in detail.



ShipmentStatusHeader

The ShipmentStatusHeader contains information common to the entire ShipmentStatus e-Document.



(sequence)

The sequence of items below is mandatory. A single instance is required.

ShipmentStatusNumber

ShipmentStatusNumber is mandatory. A single instance is required.

Reference number assigned to the e-Document by the issuer.

ShipmentStatusIssueDate

ShipmentStatusIssueDate is mandatory. A single instance is required.

The date and optional time when the ShipmentStatus e-Document was issued.

RequestNumber

RequestNumber is optional. A single instance might exist.

A unique tracking number specifically identifying the InfoRequest e-Document to the originator. The tracking number is returned with the “information”, the answer, to help match the answer to the request.

SenderParty

SenderParty is mandatory. A single instance is required.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is mandatory. A single instance is required.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

OtherParty

OtherParty is optional. Multiple instances might exist.

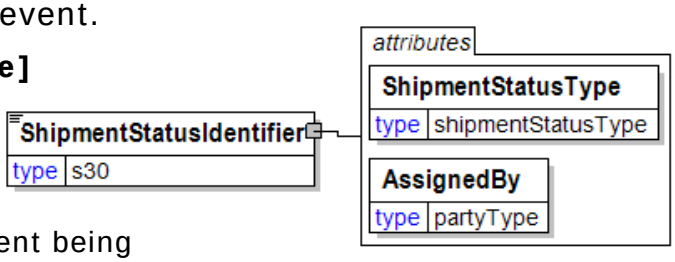
An organisation or business entity other than those specifically detailed within a e-Document.

ShipmentStatusIdentifier

Text to identify the status of the event.

ShipmentStatusType [attribute]

ShipmentStatusType is mandatory. A single instance is required.



Identifies the status of the shipment being reported.

Refer to ShipmentStatusType definition for any enumerations.

AssignedBy [attribute]

AssignedBy is mandatory. A single instance is required.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

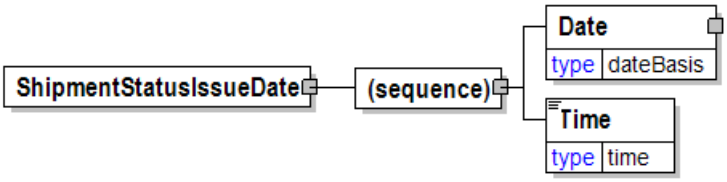
Refer to AssignedBy definition for any enumerations.

ShipmentStatusIssueDate

The date and optional time when the ShipmentStatus e-Document was issued.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

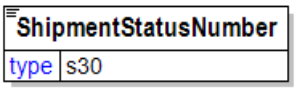
Time is mandatory. A single instance is required.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

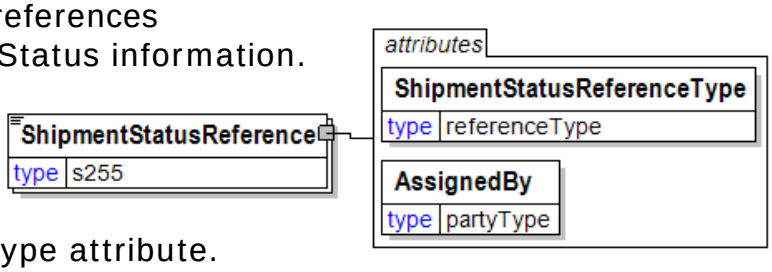
ShipmentStatusNumber

The unique identifier for the ShipmentStatus e-Document.



ShipmentStatusReference

An item detailing relevant references pertaining to the ShipmentStatus information. The type of reference is identified by the ShipmentStatusReferenceType attribute.



ShipmentStatusReferenceType [attribute]

ShipmentStatusReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to ShipmentStatusReferenceType definition for any enumerations.

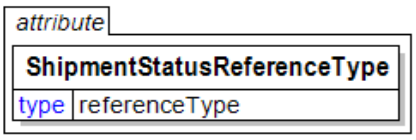
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

ShipmentStatusReferenceType [attribute]

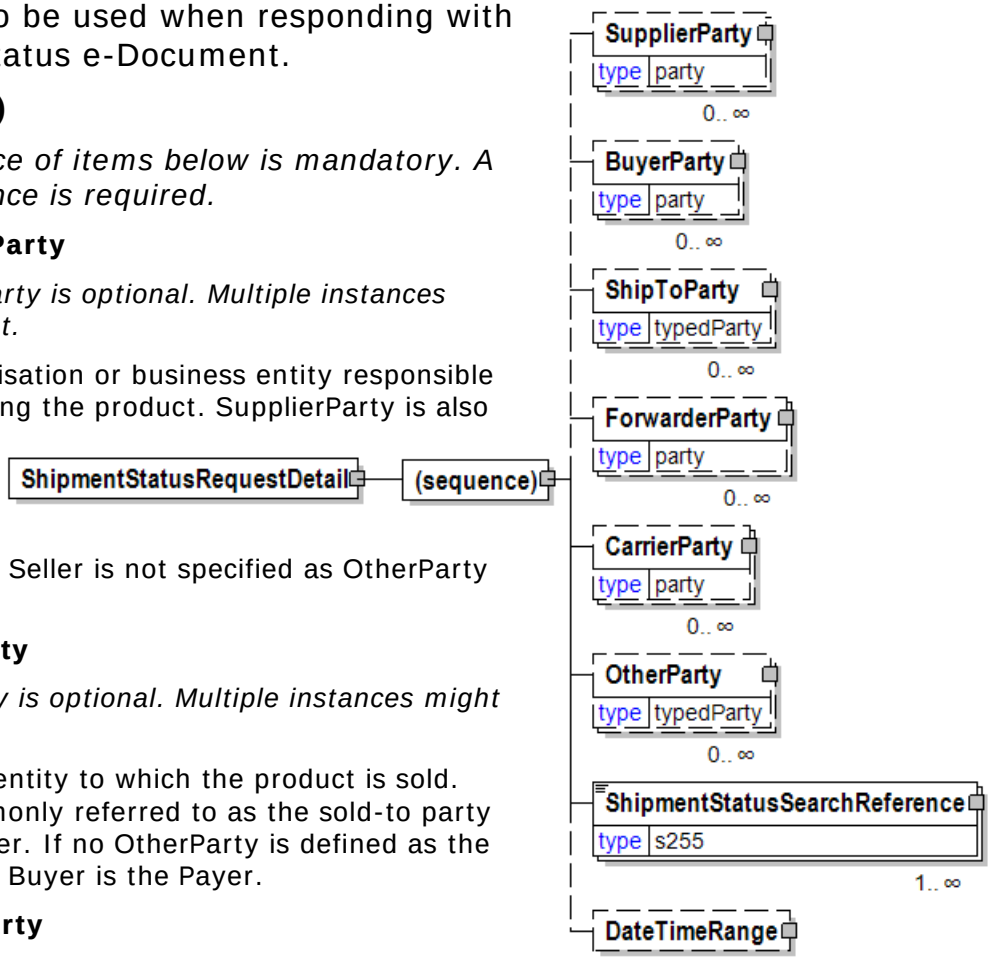


Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

ShipmentStatusRequestDetail

A grouping element that provides the parameters to be used when responding with a ShipmentStatus e-Document.



(sequence)

The sequence of items below is mandatory. A single instance is required.

SupplierParty

SupplierParty is optional. Multiple instances might exist.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

BuyerParty

BuyerParty is optional. Multiple instances might exist.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

ShipToParty

ShipToParty is optional. Multiple instances might exist.

The name and/or address to which the goods should be delivered with the party type indicated by the PartyType attribute.

ForwarderParty

ForwarderParty is optional. Multiple instances might exist.

The trading partner involved in the forwarding of the shipment.

CarrierParty

CarrierParty is optional. Multiple instances might exist.

The party performing the transport of the product from the pickup location to the ship-to location; could be a hauler.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

ShipmentStatusSearchReference

ShipmentStatusSearchReference is mandatory. One instance is required, multiple instances might exist.

Used to specify a transport-related item that is used, as a parameter, when providing shipment status information.

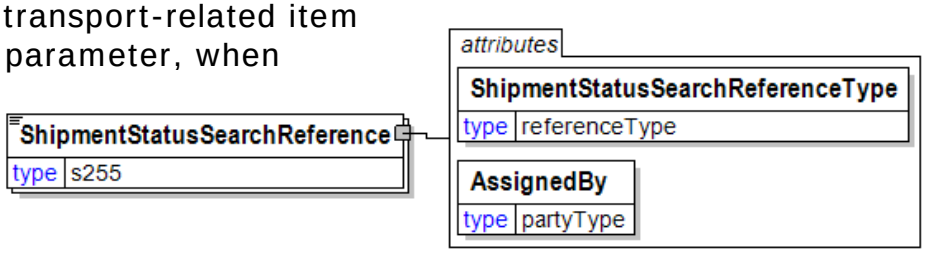
DateTimeRange

DateTimeRange is optional. A single instance might exist.

Specifies a date and/or time range.

ShipmentStatusSearchReference

Used to specify a transport-related item that is used, as a parameter, when providing shipment status information.



ShipmentStatusSearchReferenceType [attribute]

ShipmentStatusSearchReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to ShipmentStatusSearchReferenceType definition for any enumerations.

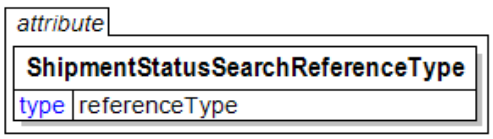
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

ShipmentStatusSearchReferenceType [attribute]



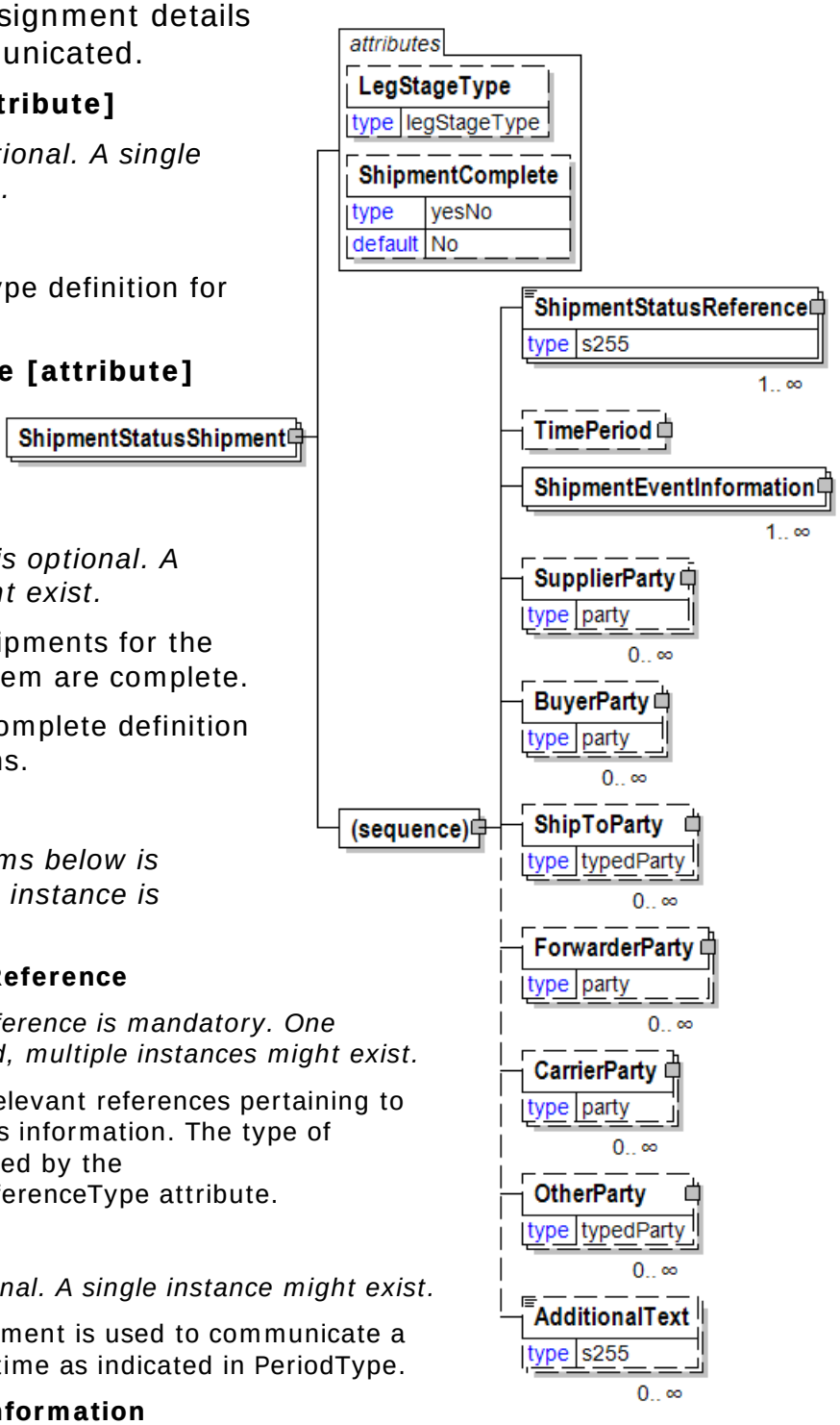
Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute

@AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

ShipmentStatusShipment

The shipment or consignment details that are being communicated.



LegStageType [attribute]

LegStageType is optional. A single instance might exist.

Refer to LegStageType definition for any enumerations.

ShipmentComplete [attribute]

ShipmentComplete is optional. A single instance might exist.

Indicates that all shipments for the particular delivery item are complete.

Refer to ShipmentComplete definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ShipmentStatusReference

ShipmentStatusReference is mandatory. One instance is required, multiple instances might exist.

An item detailing relevant references pertaining to the ShipmentStatus information. The type of reference is identified by the ShipmentStatusReferenceType attribute.

TimePeriod

TimePeriod is optional. A single instance might exist.

The TimePeriod element is used to communicate a duration period of time as indicated in PeriodType.

ShipmentEventInformation

ShipmentEventInformation is mandatory. One instance is required, multiple instances might exist.

A grouping element that contains the items that describe the shipment event and status situation

SupplierParty

SupplierParty is optional. Multiple instances might exist.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

BuyerParty

BuyerParty is optional. Multiple instances might exist.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

ShipToParty

ShipToParty is optional. Multiple instances might exist.

The name and/or address to which the goods should be delivered with the party type indicated by the PartyType attribute.

ForwarderParty

ForwarderParty is optional. Multiple instances might exist.

The trading partner involved in the forwarding of the shipment.

CarrierParty

CarrierParty is optional. Multiple instances might exist.

The party performing the transport of the product from the pickup location to the ship-to location; could be a hauler.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

ShipmentStatusType [attribute]

Identifies the status of the shipment being reported.



This item is restricted to the following list.

OnTime

The shipment is on-time.

Early

The shipment is before planned schedule.

Delayed

The shipment has been delayed.

Cancelled

The shipment was cancelled. Do not deliver this product.

Rejected

The shipment has been rejected.

Unspecified

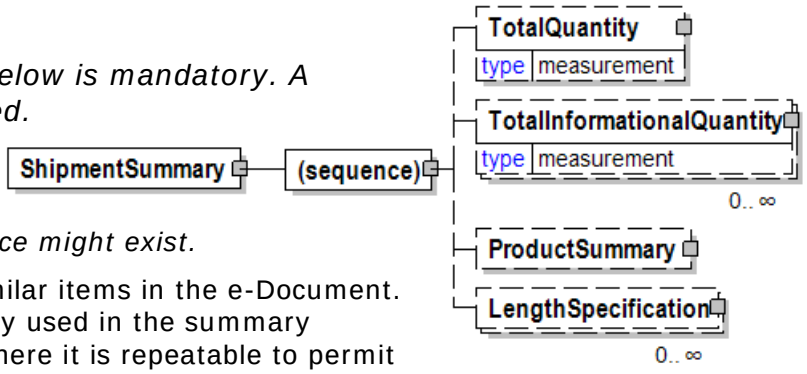
When a status is required to be communicated but none is available.

ShipmentSummary

Summery information for an entire shipment

(sequence)

The sequence of items below is mandatory. A single instance is required.



TotalQuantity

TotalQuantity is optional. A single instance might exist.

The total quantity of similar items in the e-Document. TotalQuantity is primarily used in the summary section of documents where it is repeatable to permit totaling for different units of measure.

TotalInformationalQuantity

TotalInformationalQuantity is optional. Multiple instances might exist.

A quantity that is used to communicate related information about the parent element. This element represents a total that is derived from individual line items.

ProductSummary

ProductSummary is optional. A single instance might exist.

Group of elements to provide summary information on product level.

LengthSpecification

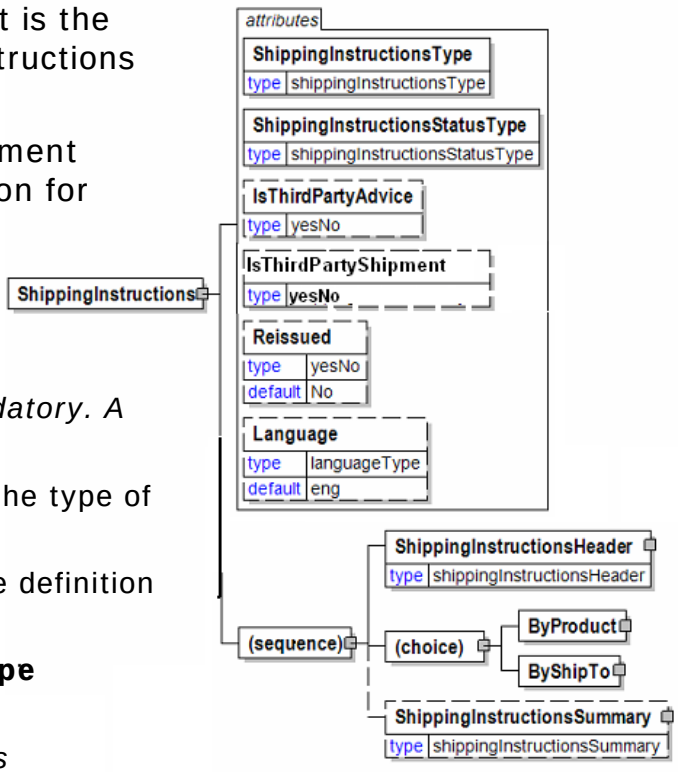
LengthSpecification is optional. Multiple instances might exist.

Length specification of the wood product.

ShippingInstructions

The ShippingInstructions element is the root element for the ShippingInstructions e-Document.

The ShippingInstructions e-Document communicates delivery information for product(s) supported by a PurchaseOrder.



ShippingInstructionsType [attribute]

ShippingInstructionsType is mandatory. A single instance is required.

ShippingInstructionType defines the type of shipping instruction

Refer to ShippingInstructionsType definition for any enumerations.

ShippingInstructionsStatusType [attribute]

ShippingInstructionsStatusType is mandatory. A single instance is required.

ShippingInstructions Status Type

Refer to ShippingInstructionsStatusType definition for any enumerations.

IsThirdPartyAdvice [attribute]

IsThirdPartyAdvice is optional. A single instance might exist.

An advice to a third party of a ShippingInstructions.

Refer to IsThirdPartyAdvice definition for any enumerations.

IsThirdPartyShipment [attribute]

IsThirdPartyAdvice is optional. A single instance might exist.

Shipment request to a party other than the party that ordered the product from the supplier.

Either "Yes" or "No".

Reissued [attribute]

Reissued is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Reissued definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ShippingInstructionsHeader

ShippingInstructionsHeader is mandatory. A single instance is required.

Information common to all items in a ShippingInstructions e-Document.

(choice)

[choice] is optional because of choice construct.

ByProduct

ByProduct is optional because of choice construct.

Identification takes place by product.

ByShipTo

ByShipTo is optional because of choice construct.

ByShipTo

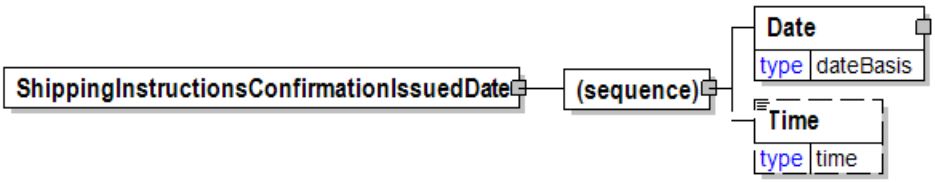
ShippingInstructionsSummary

ShippingInstructionsSummary is optional. A single instance might exist.

Summary information for the ShippingInstructions e-Document.

ShippingInstructionsConfirmationIssuedDate

The date on which the shipping instruction confirmation was issued.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

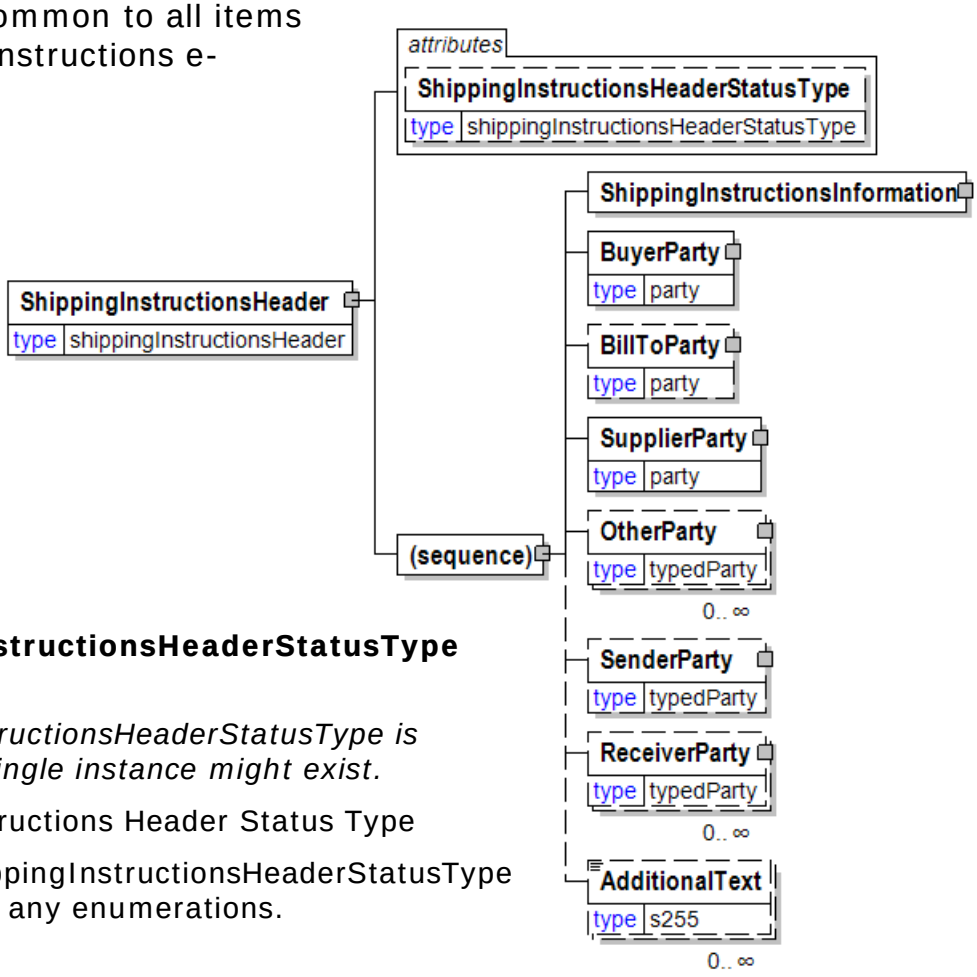
hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however,

within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

ShippingInstructionsHeader

Information common to all items in a ShippingInstructions e-Document.



ShippingInstructionsHeaderStatusType [attribute]

ShippingInstructionsHeaderStatusType is optional. A single instance might exist.

ShippingInstructions Header Status Type

Refer to ShippingInstructionsHeaderStatusType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ShippingInstructionsInformation

ShippingInstructionsInformation is mandatory. A single instance is required.

A group item containing information unique to this ShippingInstructions and reference information used to identify the product to be shipped

BuyerParty

BuyerParty is mandatory. A single instance is required.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

BillToParty

BillToParty is optional. A single instance might exist.

The address where the invoice is to be sent.

SupplierParty

SupplierParty is mandatory. A single instance is required.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

SenderParty

SenderParty is optional. A single instance might exist.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is optional. Multiple instances might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

ShippingInstructionsHeaderStatusType [attribute]

ShippingInstructions Header Status Type



This item is restricted to the following list.

Accepted

The supplied information is accepted.

Amended

The supplied information is changed.

NoAction

The supplied information has not been amended and thereby requires no action.

Original

The supplied information is the first version of that information.

Rejected

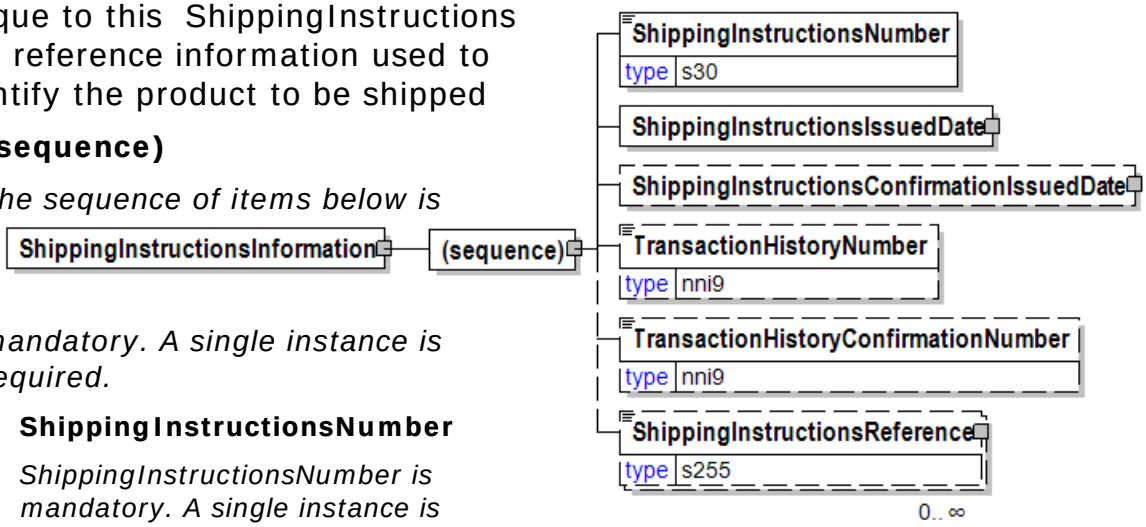
The supplied information is rejected.

ShippingInstructionsInformation

A group item containing information unique to this ShippingInstructions and reference information used to identify the product to be shipped

(sequence)

The sequence of items below is



mandatory. A single instance is required.

ShippingInstructionsNumber

ShippingInstructionsNumber is mandatory. A single instance is required.

The unique shipping instruction.

ShippingInstructionsIssuedDate

ShippingInstructionsIssuedDate is mandatory. A single instance is required.

The date on which the shipping instruction was issued.

ShippingInstructionsConfirmationIssuedDate

ShippingInstructionsConfirmationIssuedDate is optional. A single instance might exist.

The date on which the shipping instruction confirmation was issued.

TransactionHistoryNumber

TransactionHistoryNumber is optional. A single instance might exist.

A sequential number that keeps track of the version of a document being sent by the document originator except in the case where TransactionHistoryConfirmation is used, in which case the TransactionHistoryNumber refers to the trigger transaction for which the confirmation is being sent.

TransactionHistoryConfirmationNumber

TransactionHistoryConfirmationNumber is optional. A single instance might exist.

A sequential number that indicates the version of the confirmation document being sent.

ShippingInstructionsReference

ShippingInstructionsReference is optional. Multiple instances might exist.

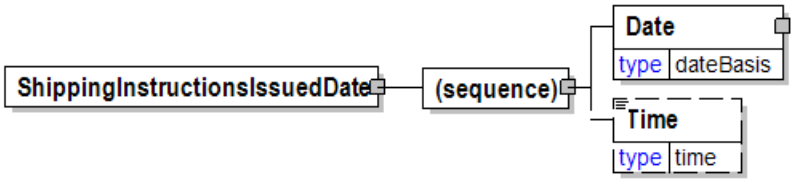
A group item detailing relevant references (such as ISBN) pertaining to the ShippingInstructions and/or product being shipped.

ShippingInstructionsIssuedDate

The date on which the shipping instruction was issued.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

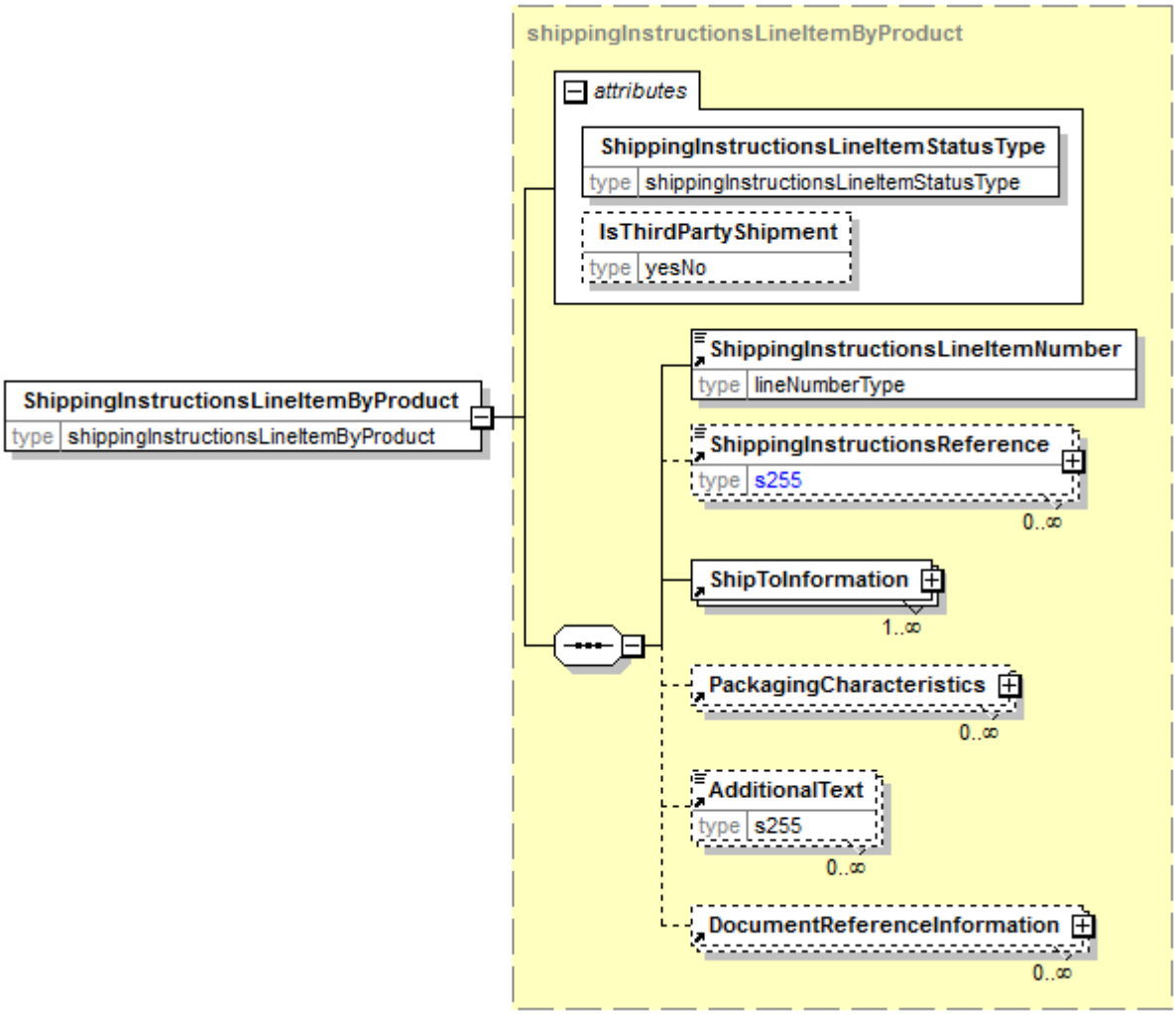
Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

ShippingInstructionsLineItemByProduct



ShippingInstructionsLineItemByProduct

ShippingInstructionsLineItemStatusType [attribute]

ShippingInstructionsLineItemStatusType is mandatory. A single instance is required.

ShippingInstructions Line Item Status Type

Refer to ShippingInstructionsLineItemStatusType definition for any enumerations.

IsThirdPartyShipment [attribute]

IsThirdPartyAdvice is optional. A single instance might exist.

Shipment request to a party other than the party that ordered the product from the supplier.

Either "Yes" or "No".

(sequence)

The sequence of items below is mandatory. A single instance is required.

ShippingInstructionsLineItemNumber

ShippingInstructionsLineItemNumber is mandatory. A single instance is required.

The sequential number that uniquely identifies the ShippingInstructions line item.

ShippingInstructionsReference

ShippingInstructionsReference is optional. Multiple instances might exist.

A group item detailing relevant references (such as ISBN) pertaining to the ShippingInstructions and/or product being shipped.

ShipToInformation

ShipToInformation is mandatory. One instance is required, multiple instances might exist.

Group element containing information about the ship to and delivery of a product.

PackagingCharacteristics

PackagingCharacteristics is optional. Multiple instances might exist.

An element containing carton or pallet packing information. PackagingCharacteristics can either have the BoxCharacteristics or PalletPackagingCharacteristics element not both.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

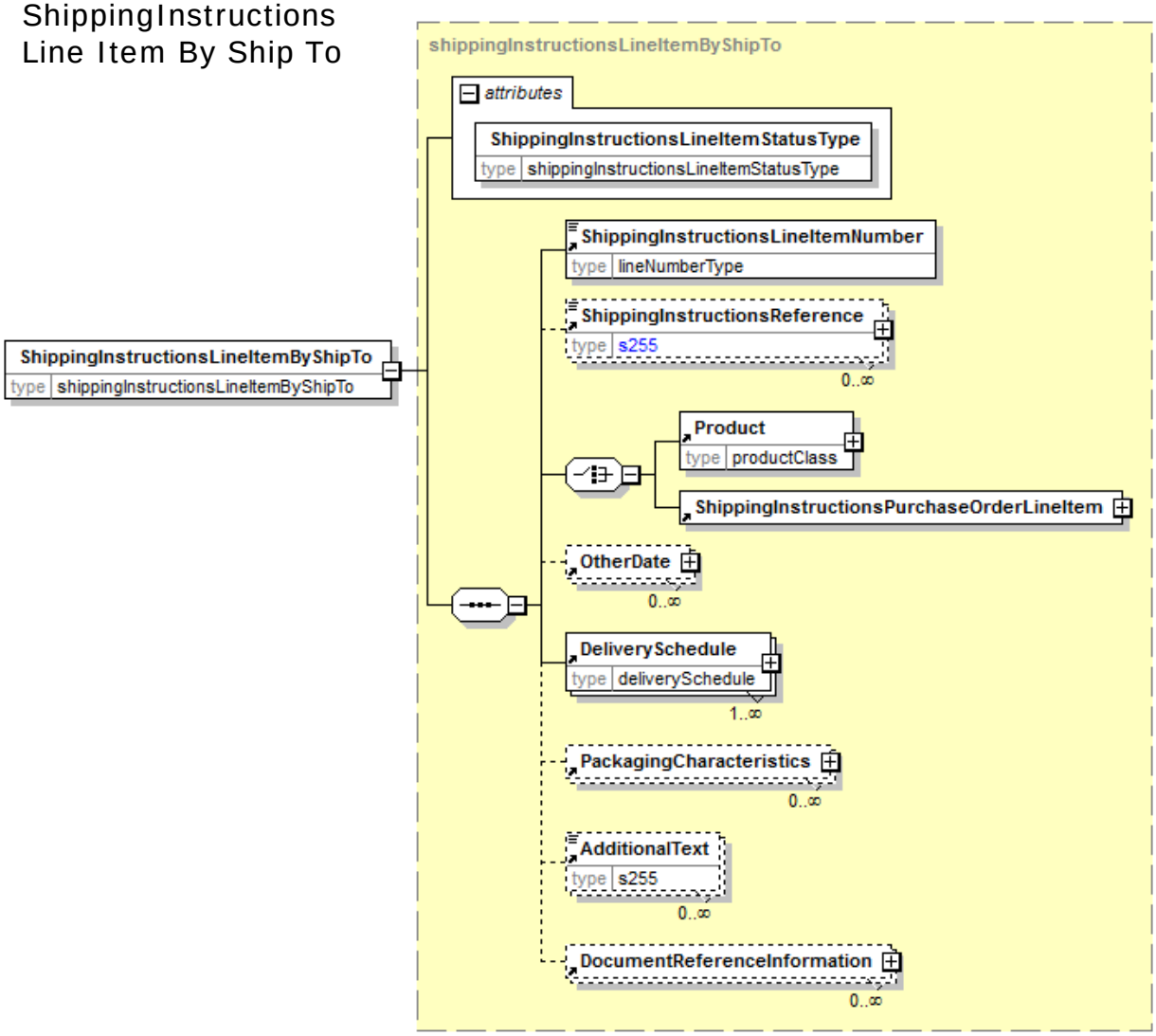
DocumentReferenceInformation

DocumentReferenceInformation is optional. Multiple instances might exist.

A group item containing reference information applicable to a document.

ShippingInstructionsLineItemByShipTo

ShippingInstructions Line Item By Ship To



ShippingInstructionsLineItemStatusType [attribute]

ShippingInstructionsLineItemStatusType is mandatory. A single instance is required.

ShippingInstructions Line Item Status Type

Refer to ShippingInstructionsLineItemStatusType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ShippingInstructionsLineItemNumber

ShippingInstructionsLineItemNumber is mandatory. A single instance is required.

The sequential number that uniquely identifies the ShippingInstructions line item.

ShippingInstructionsReference

ShippingInstructionsReference is optional. Multiple instances might exist.

A group item detailing relevant references (such as ISBN) pertaining to the ShippingInstructions and/or product being shipped.

(choice)

[choice] is optional because of choice construct.

Product

Product is optional because of choice construct.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

ShippingInstructionsPurchaseOrderLineItem

ShippingInstructionsPurchaseOrderLineItem is optional because of choice construct.

PurchaseOrder line item information for PurchaseOrder being referenced in ShippingInstructions.

OtherDate

OtherDate is optional. Multiple instances might exist

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

DeliverySchedule

DeliverySchedule is mandatory. One instance is required, Multiple instances might exist.

A group item defining a series of DeliveryDateWindow(s) in which specified quantities must be delivered.

PackagingCharacteristics

PackagingCharacteristics is optional. Multiple instances might exist.

An element containing carton or pallet packing information. PackagingCharacteristics can either have the BoxCharacteristics or PalletPackagingCharacteristics element not both.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

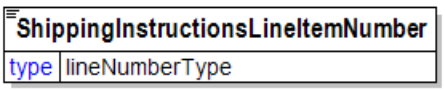
DocumentReferenceInformation

DocumentReferenceInformation is optional. Multiple instances might exist.

A group item containing reference information applicable to a document.

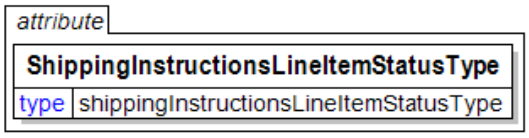
ShippingInstructionsLineItemNumber

The sequential number that uniquely identifies the ShippingInstructions line item.



ShippingInstructionsLineItemStatusType [attribute]

ShippingInstructions Line Item Status Type



This item is restricted to the following list.

Accepted

The supplied information is accepted.

Amended

The supplied information is changed.

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

NoAction

The supplied information has not been amended and thereby requires no action.

Original

The supplied information is the first version of that information.

Pending

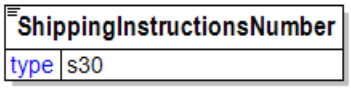
The supplied information is not complete and will be updated later.

Rejected

The supplied information is rejected.

ShippingInstructionsNumber

The unique shipping instruction.

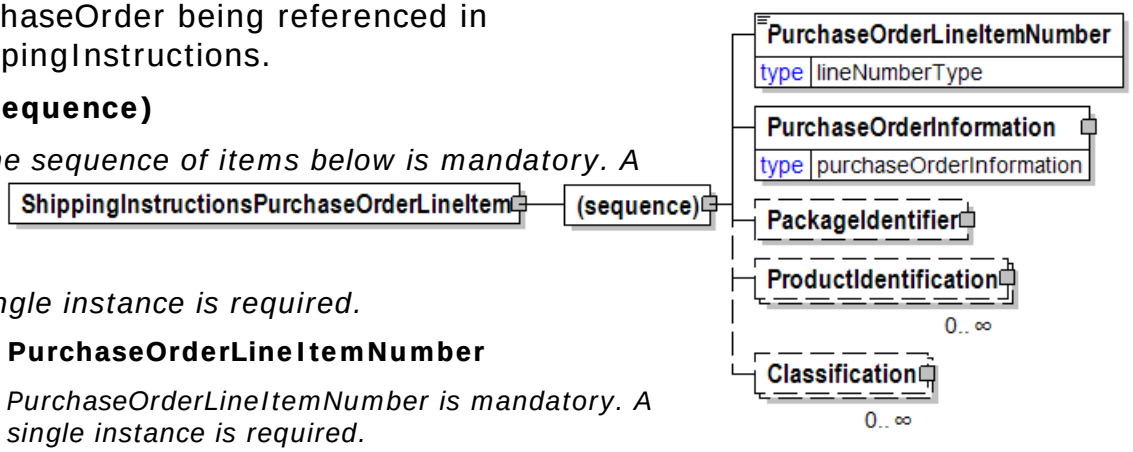


ShippingInstructionsPurchaseOrderLineItem

PurchaseOrder line item information for PurchaseOrder being referenced in ShippingInstructions.

(sequence)

The sequence of items below is mandatory. A single instance is required.



PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber is mandatory. A single instance is required.

The sequential number that uniquely identifies the PurchaseOrder line item.

PurchaseOrderInformation

PurchaseOrderInformation is mandatory. A single instance is required.

A group item containing information unique to this PurchaseOrder, which is provided by the buyer. PurchaseOrderInformation can be optional in the supply chain. Invoices are created without having a PurchaseOrder in Vendor Managed Inventory. Freight invoices also will not have a PurchaseOrder number.

PackageIdentifier

PackageIdentifier is optional. A single instance might exist.

The identifier of the productpackage (such as reel ID or pallet ID) that is used along with the PurchaseOrderLineItemNumber to call off the product.

ProductIdentification

ProductIdentification is optional. Multiple instances might exist.

A grouping element designed to communicate product identification related to the parent element that contains this item.

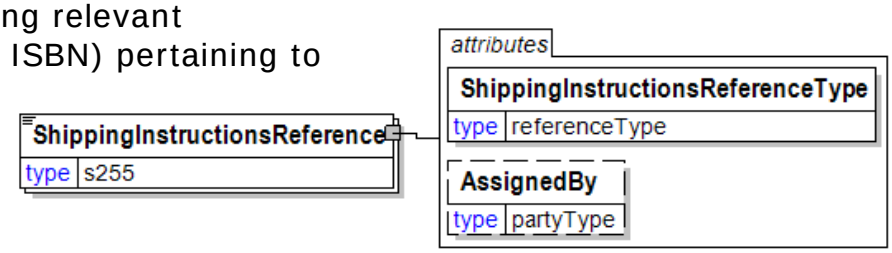
Classification

Classification is optional. Multiple instances might exist.

A group item that details the product classification according to a particular organization's scheme. An item across multiple classifications would still be recognized as the same item. Examples of some product classifications are: Containerboard, Pulp-Dissolving, or Newsprint.

ShippingInstructionsReference

A group item detailing relevant references (such as ISBN) pertaining to the ShippingInstructions and/or product being shipped.



ShippingInstructionsReferenceType [attribute]

ShippingInstructionsReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by "Buyer", "Forwarder", "Manufacturer", "Mill", "Seller", "Supplier", "Warehouse", or "Vendor". Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to ShippingInstructionsReferenceType definition for any enumerations.

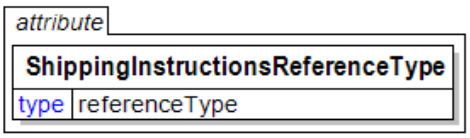
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

ShippingInstructionsReferenceType [attribute]

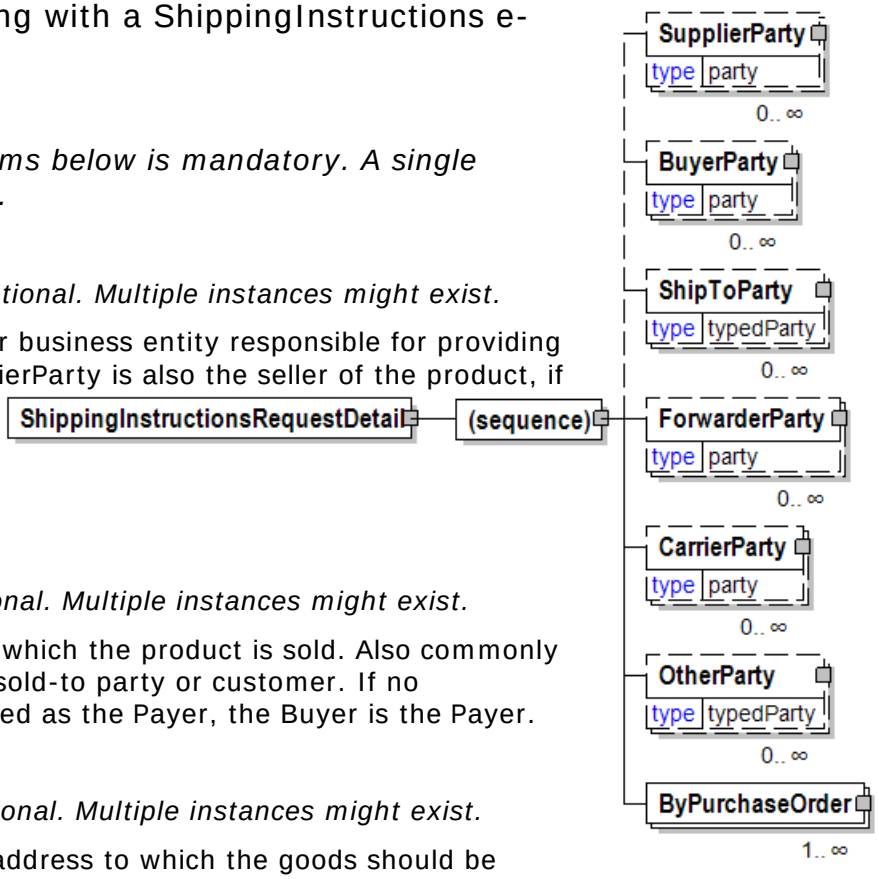


Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

ShippingInstructionsRequestDetail

A grouping element that provides the parameters to be used when responding with a ShippingInstructions e-Document.



(sequence)

The sequence of items below is mandatory. A single instance is required.

SupplierParty

SupplierParty is optional. Multiple instances might exist.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

BuyerParty

BuyerParty is optional. Multiple instances might exist.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

ShipToParty

ShipToParty is optional. Multiple instances might exist.

The name and/or address to which the goods should be delivered with the party type indicated by the PartyType attribute.

ForwarderParty

ForwarderParty is optional. Multiple instances might exist.

The trading partner involved in the forwarding of the shipment.

CarrierParty

CarrierParty is optional. Multiple instances might exist.

The party performing the transport of the product from the pickup location to the ship-to location; could be a hauler.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

ByPurchaseOrder

ByPurchaseOrder is mandatory. One instance is required, multiple instances might exist.

Selection criteria for communicating purchase order information.

ShippingInstructionsStatusType [attribute]

ShippingInstructions Status Type



This item is restricted to the following list.

Accepted

The supplied information is accepted.

Amended

The supplied information is changed

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

Original

The supplied information is the first version of that information.

Rejected

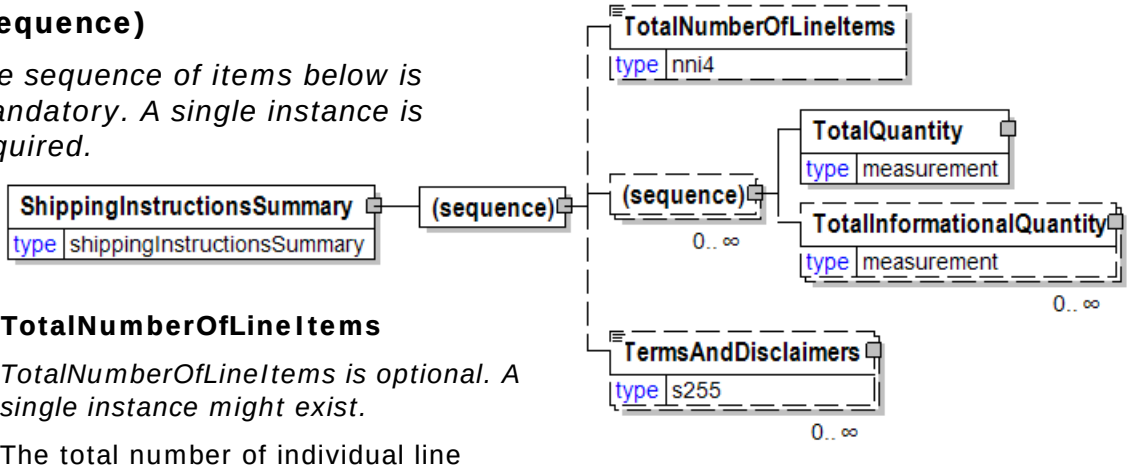
The supplied information is rejected.

ShippingInstructionsSummary

Summary information for the ShippingInstructions e-Document.

(sequence)

The sequence of items below is mandatory. A single instance is required.



TotalNumberOfLineItems

TotalNumberOfLineItems is optional. A single instance might exist.

The total number of individual line items in the document, regardless of the status or type.

(sequence)

The sequence of items below is optional. Multiple instances might exist.

TotalQuantity

TotalQuantity is mandatory. A single instance is required.

The total quantity of similar items in the e-Document. TotalQuantity is primarily used in the summary section of documents where it is repeatable to permit totaling for different units of measure.

TotalInformationalQuantity

TotalInformationalQuantity is optional. Multiple instances might exist.

A quantity that is used to communicate related information about the parent element. This element represents a total that is derived from individual line items.

TermsAndDisclaimers

TermsAndDisclaimers is optional. Multiple instances might exist.

An element that contains legal information with an indication of what the Language is.

ShippingInstructionsType [attribute]

ShippingInstructionType defines the type of shipping instruction.

This item is restricted to the following list.

ShippingInstructionsConfirmation

Confirmation of the Shipping Instruction.

ShippingInstructionsDistribution

Shipping Instruction serves as a billable order for shipping product that was produced under a previous manufacturing order.

ShippingInstructionsPackaging

To be deprecated in a future version. Guidance will be given to trading

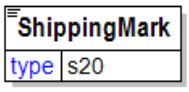
partners not to use this enumeration.

ShippingInstructionsRouting

Shipping instructions issued in conjunction with a PurchaseOrder for shipping the product.

ShippingMark

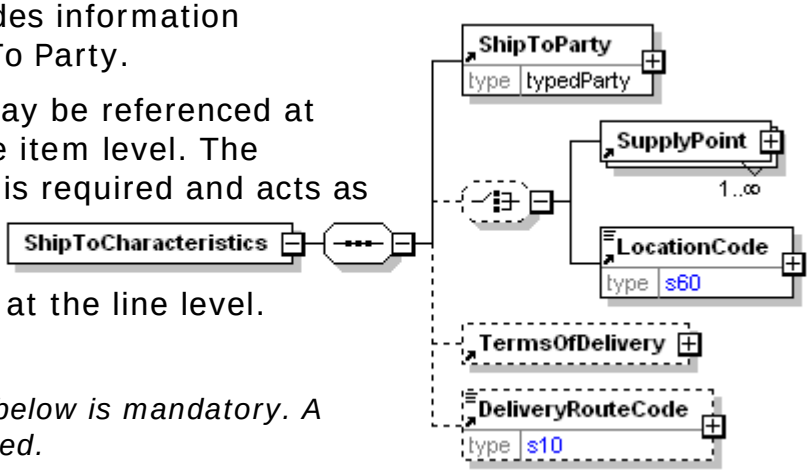
A shipping mark identifies the producer and quality on the end side of the product. Not to be mixed with company code/logo or other product marking.



ShipToCharacteristics

A group item that provides information important for the Ship-To Party.

ShipToCharacteristics may be referenced at both the header and line item level. The reference at the header is required and acts as a default for the value at the line level, unless overridden at the line level.



(sequence)

The sequence of items below is mandatory. A single instance is required.

ShipToParty

ShipToParty is mandatory. A single instance is required.

The name and/or address to which the goods should be delivered with the party type indicated by the PartyType attribute.

(choice)

[choice] is optional because of choice construct.

SupplyPoint

SupplyPoint is optional because of choice construct.

Grouping element that contains items describing a supply point. A SupplyPoint belongs to a LocationParty, e.g. in a DeliveryOrigin or DeliveryDestination, and describes where goods are stored and can be loaded or unloaded. A SupplyPoint can for example be a loading or unloading gate at a warehouse or a road side landing at a logging area in the forest.

LocationCode

LocationCode is optional because of choice construct.

A code used to identify a specific physical location within a site identified by a party, e.g. a loading station in a warehouse or an unloading station at a printer site.
LocationCode will be deprecated in a future version. Use SupplyPoint instead of LocationCode.

TermsOfDelivery

TermsOfDelivery is optional. A single instance might exist.

A group item defining the terms under which the delivery of goods will take place. These terms determine when and under what conditions the transfer of ownership will occur. Generally speaking, the Incoterms are primarily used in Europe, whereas the ShipmentMethodOfPayment is primarily used in North America.

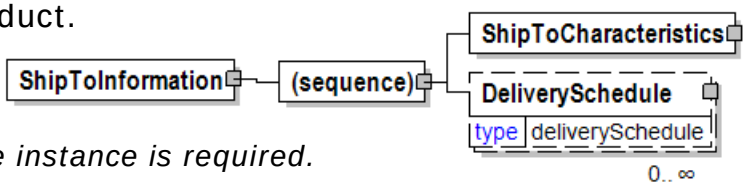
DeliveryRouteCode

DeliveryRouteCode is optional. A single instance might exist.

A code representing the delivery route as indicated by the Agency.

ShipToInformation

Group element containing information about the ship to and delivery of a product.



(sequence)

The sequence of items below is mandatory. A single instance is required.

ShipToCharacteristics

ShipToCharacteristics is mandatory. A single instance is required.

A group item that provides information important for the Ship-To Party.

ShipToCharacteristics may be referenced at both the header and line item level. The reference at the header is required and acts as a default for the value at the line level, unless overridden at the line level.

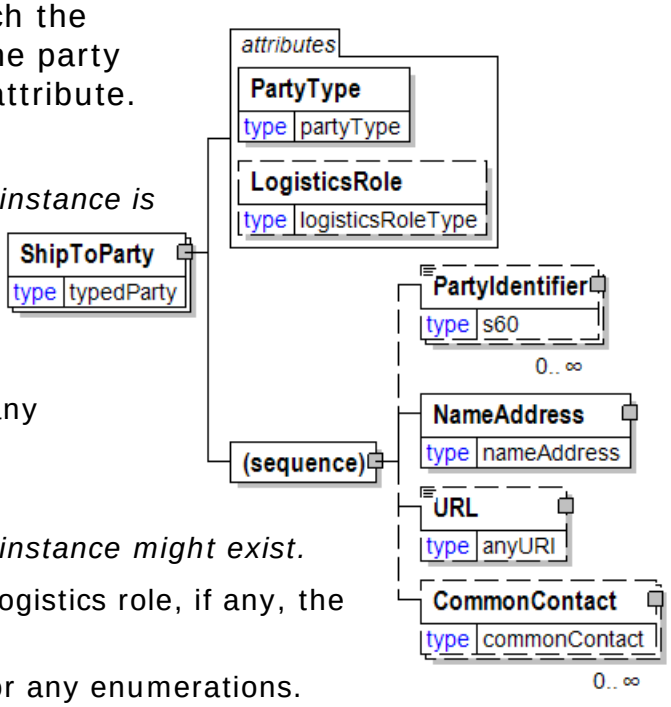
DeliverySchedule

DeliverySchedule is optional. Multiple instances might exist.

A group item defining a series of DeliveryDateWindow(s) in which specified quantities must be delivered.

ShipToParty

The name and/or address to which the goods should be delivered with the party type indicated by the PartyType attribute.



PartyType [attribute]

PartyType is mandatory. A single instance is required.

Identifies the business role associated with the particular party

Refer to PartyType definition for any enumerations.

LogisticsRole [attribute]

LogisticsRole is optional. A single instance might exist.

Communicates the nature of the logistics role, if any, the party plays in the transaction.

Refer to LogisticsRole definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PartyIdentifier

PartyIdentifier is optional. Multiple instances might exist.

A unique identifier of a specific party. This element contains an attribute PartyIdentifierType that indicates the type of party.

NameAddress

NameAddress is mandatory. A single instance is required.

A group item containing name and address of an organisation or business entity.

URL

URL is optional. A single instance might exist.

Universal Resource Locator. While typically a web address you could use this field to hold an email address.

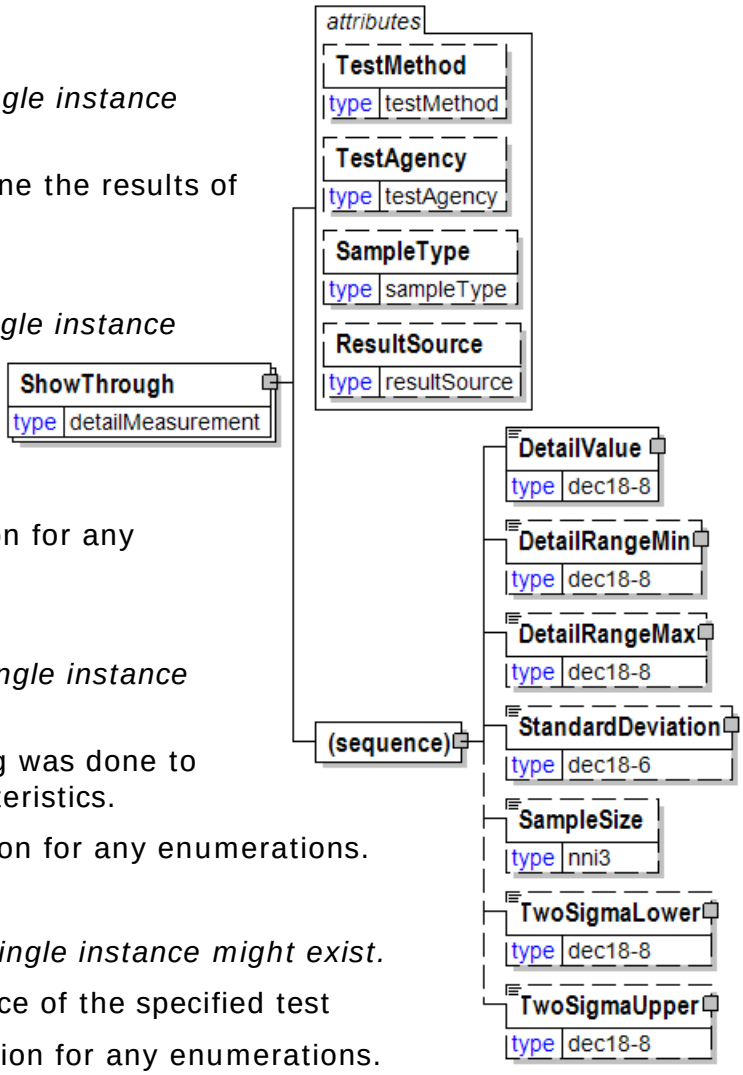
CommonContact

CommonContact is optional. Multiple instances might exist.

Identifies a specific individual associated with the party.

ShowThrough

Show through



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

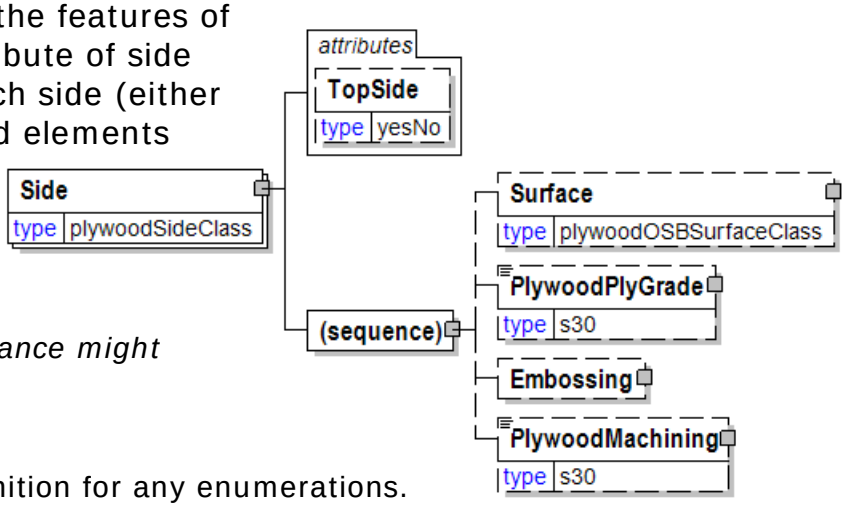
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

Side

The structure defines the features of a panel's side. An attribute of side element indicates which side (either top or bottom the child elements refer to.



TopSide [attribute]

TopSide is optional. A single instance might exist.

Either "Yes" or "No".

Refer to TopSide definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Surface

Surface is optional. A single instance might exist.

PlywoodPlyGrade

PlywoodPlyGrade is optional. A single instance might exist.

Defines the grade of one ply, used with Agency to specify the grading agency.

Embossing

Embossing is optional. A single instance might exist.

Embossing requirements for sheets and reels. Embossing involves a physical deformation of the paper surface as part of the conversion process. Embossing is applied either in-line (directly after the paper machine) or off-line. Refer to the attribute FinishType for additional information.

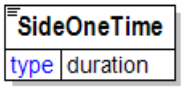
PlywoodMachining

PlywoodMachining is optional. A single instance might exist.

PlywoodMachining defines the machining made to the panel (for example, grooving).

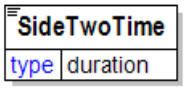
SideOneTime

The time for side one.



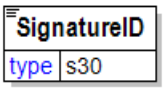
SideTwoTime

The time for side two.



SignatureID

Signature ID

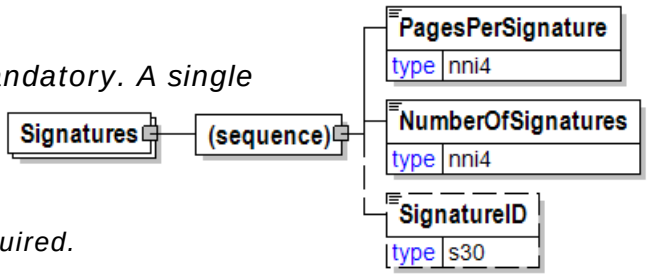


Signatures

Signatures.

(sequence)

The sequence of items below is mandatory. A single instance is required.



PagesPerSignature

PagesPerSignature is mandatory. A single instance is required.

Pages per signature

NumberOfSignatures

NumberOfSignatures is mandatory. A single instance is required.

The number of signatures.

SignatureID

SignatureID is optional. A single instance might exist.

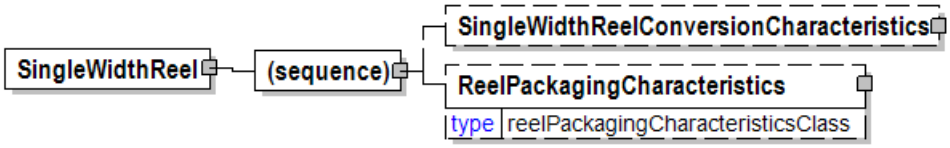
Signature ID

SingleWidthReel

Single width reel information.

(sequence)

The sequence



of items below is mandatory. A single instance is required.

SingleWidthReelConversionCharacteristics

SingleWidthReelConversionCharacteristics is optional. A single instance might exist.

The conversion characteristics associated with a single width reel.

ReelPackagingCharacteristics

ReelPackagingCharacteristics is optional. A single instance might exist.

A group item that lists the packaging elements describing how a reel should be packed.

SingleWidthReelConversionCharacteristics

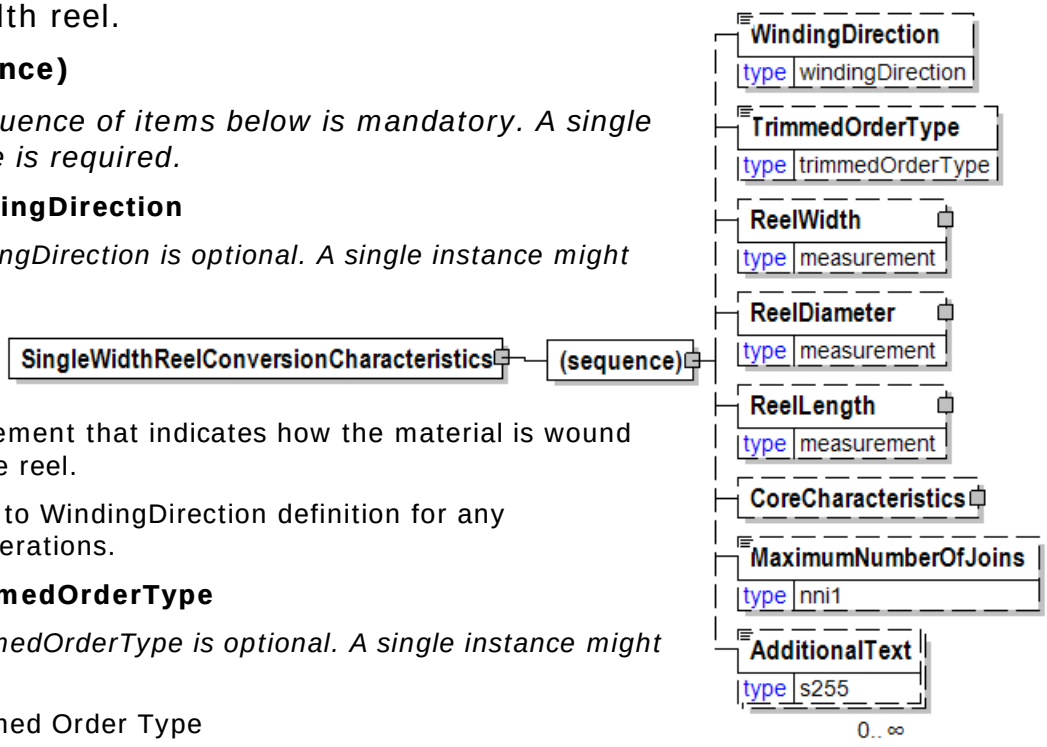
The conversion characteristics associated with a single width reel.

(sequence)

The sequence of items below is mandatory. A single instance is required.

WindingDirection

WindingDirection is optional. A single instance might exist.



An element that indicates how the material is wound on the reel.

Refer to WindingDirection definition for any enumerations.

TrimmedOrderType

TrimmedOrderType is optional. A single instance might exist.

Trimmed Order Type

Refer to TrimmedOrderType definition for any enumerations.

ReelWidth

ReelWidth is optional. A single instance might exist.

The width of reel from edge to edge excluding packaging.

ReelDiameter

ReelDiameter is optional. A single instance might exist.

The diameter measurement of reel excluding packaging.

ReelLength

ReelLength is optional. A single instance might exist.

The total length of the paper on the reel.

CoreCharacteristics

CoreCharacteristics is optional. A single instance might exist.

A group item that details information used to fully define a core.

MaximumNumberOfJoins

MaximumNumberOfJoins is optional. A single instance might exist.

The maximum number of joins requested (permitted). Permits customers to indicate join-free reels.

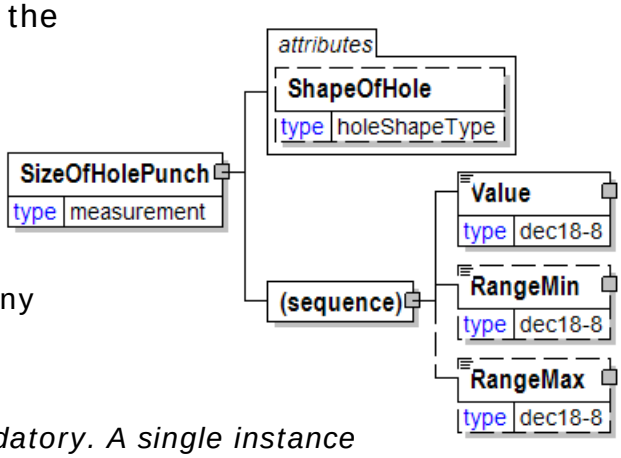
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

SizeOfHolePunch

A definition of the size and shape of the punched holes.



ShapeOfHole [attribute]

ShapeOfHole is optional. A single instance might exist.

The shape of the hole

Refer to ShapeOfHole definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

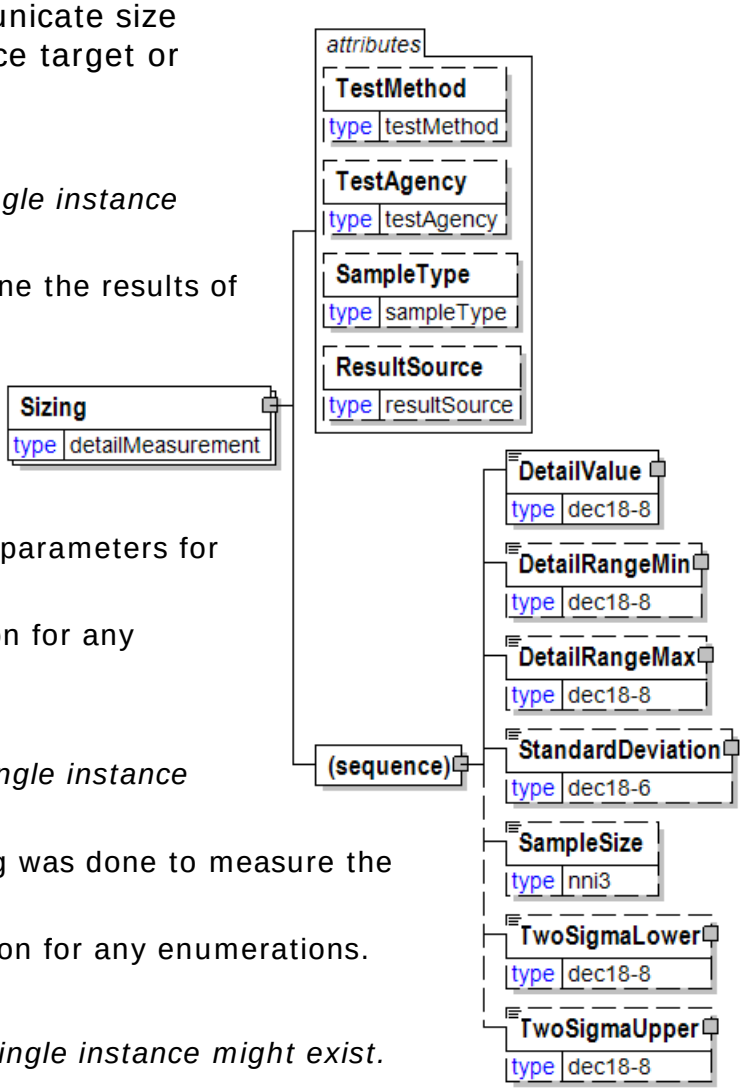
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

Sizing

A group item used to communicate size test of paper by ink resistance target or test value.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

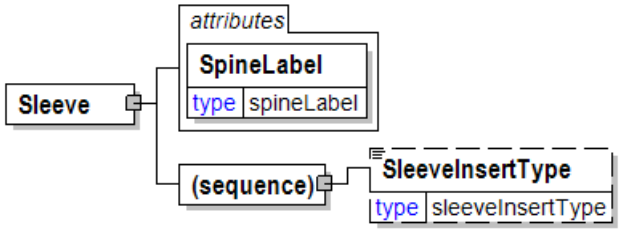
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

Sleeve

Sleeve.



SpineLabel [attribute]

SpineLabel is mandatory. A single instance is required.

The sleeve spine label.

(sequence)

The sequence of items below is mandatory. A single instance is required.

SleeveInsertType

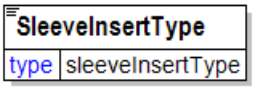
SleeveInsertType is optional. A single instance might exist.

Sleeve insert type, examples are:

Sleeve insert type, examples are:bind-in sleeves that are actually bound-in with the pages of the booksleeves that adhere to the inside of the cover or a pagesleeves that are packaged/shrinkwrapped on the outside of the bookThis enumeration is currently a free-form string of characters.

SleeveInsertType

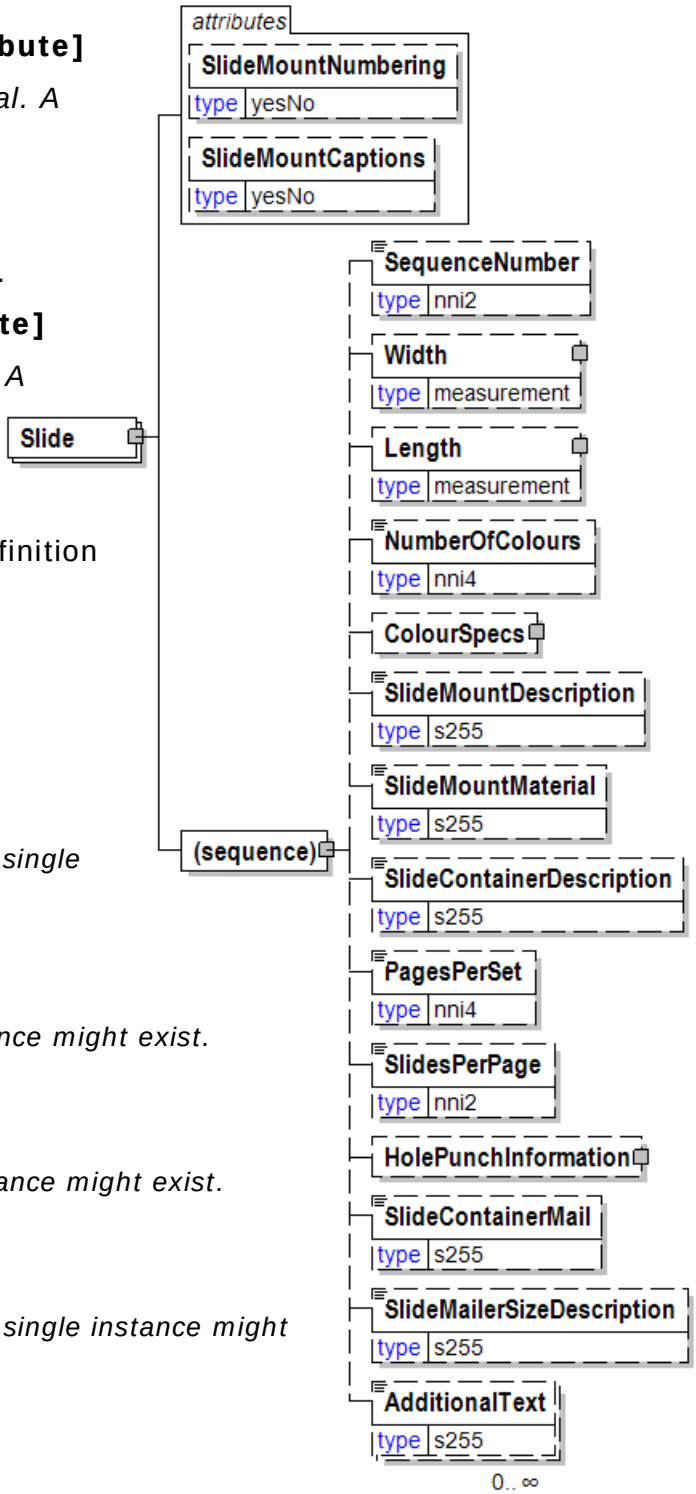
Sleeve insert type, examples are:



Sleeve insert type, examples are:bind-in sleeves that are actually bound-in with the pages of the booksleeves that adhere to the inside of the cover or a pagesleeves that are packaged/shrinkwrapped on the outside of the bookThis enumeration is currently a free-form string of characters.

Slide

Slide



SlideMountNumbering [attribute]

SlideMountNumbering is optional. A single instance might exist.

Is the slide mount numbered.

Refer to SlideMountNumbering definition for any enumerations.

SlideMountCaptions [attribute]

SlideMountCaptions is optional. A single instance might exist.

Is the slide mount captioned?

Refer to SlideMountCaptions definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

SequenceNumber

SequenceNumber is optional. A single instance might exist.

Width

Width is optional. A single instance might exist.

The width of the object.

Length

Length is optional. A single instance might exist.

The length of the object.

NumberOfColours

NumberOfColours is optional. A single instance might exist.

The number of colours

ColourSpecs

ColourSpecs is optional. A single instance might exist.

Colour specs

SlideMountDescription

SlideMountDescription is optional. A single instance might exist.

Slide mount description

SlideMountMaterial

SlideMountMaterial is optional. A single instance might exist.

Slide mount material

SlideContainerDescription

SlideContainerDescription is optional. A single instance might exist.

Slide container description

PagesPerSet

PagesPerSet is optional. A single instance might exist.

Pages per Set

SlidesPerPage

SlidesPerPage is optional. A single instance might exist.

Slides per page

HolePunchInformation

HolePunchInformation is optional. A single instance might exist.

Hole Punch Information.

SlideContainerMail

SlideContainerMail is optional. A single instance might exist.

Slide container for mail.

SlideMailerSizeDescription

SlideMailerSizeDescription is optional. A single instance might exist.

Slide mailer size description

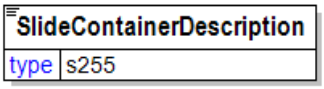
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

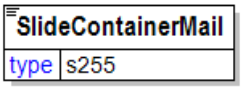
SlideContainerDescription

Slide container description



SlideContainerMail

Slide container for mail.



SlideMailerSizeDescription

Slide mailer size description



SlideMountCaptions [attribute]

Is the slide mount captioned?

This item is restricted to the following list.

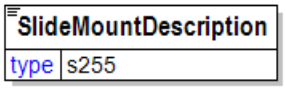
Yes

No



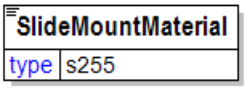
SlideMountDescription

Slide mount description



SlideMountMaterial

Slide mount material



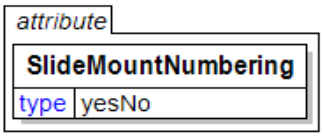
SlideMountNumbering [attribute]

Is the slide mount numbered.

This item is restricted to the following list.

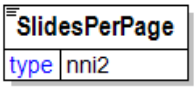
Yes

No



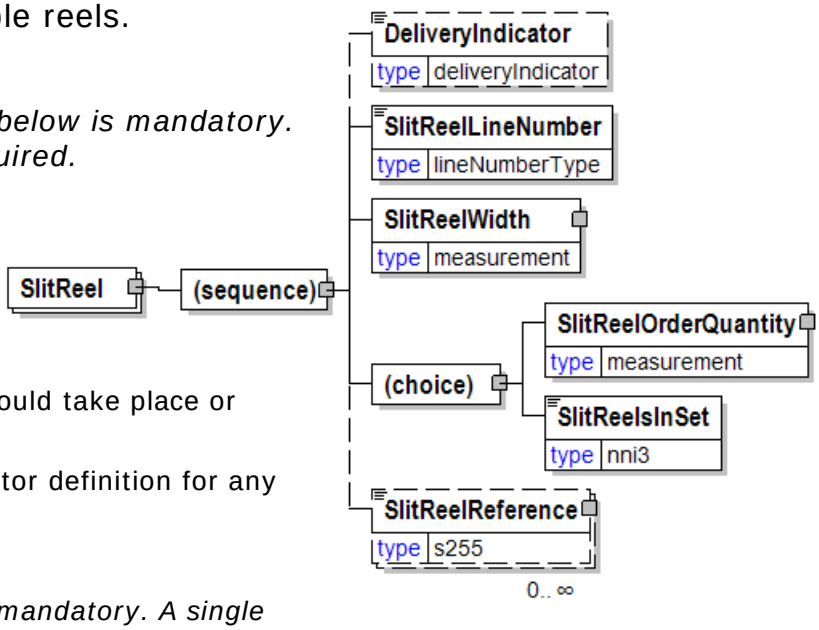
SlidesPerPage

Slides per page



SlitReel

The SlitReel element represents the elements associated with reel that has been slit into multiple reels.



(sequence)

The sequence of items below is mandatory. A single instance is required.

DeliveryIndicator

DeliveryIndicator is optional. A single instance might exist.

Indicates if delivery should take place or not.

Refer to DeliveryIndicator definition for any enumerations.

SlitReelLineNumber

SlitReelLineNumber is mandatory. A single instance is required.

The slit reel line number

SlitReelWidth

SlitReelWidth is mandatory. A single instance is required.

Slit Reel Width

(choice)

[choice] is optional because of choice construct.

SlitReelOrderQuantity

SlitReelOrderQuantity is optional because of choice construct.

Slit reel order quantity

SlitReelsInSet

SlitReelsInSet is optional because of choice construct.

The number of slit reels in the set.

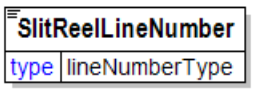
SlitReelReference

SlitReelReference is optional. Multiple instances might exist.

Communicates miscellaneous information about the slit reel.

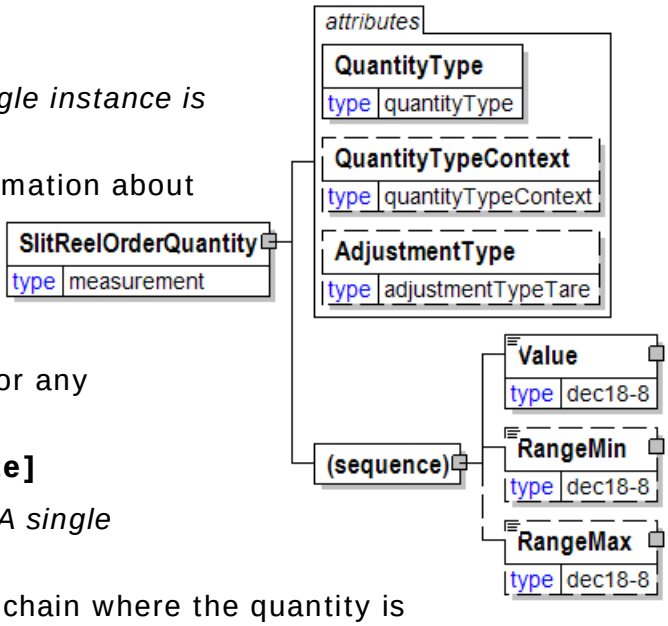
SlitReelLineNumber

The slit reel line number



SlitReelOrderQuantity

Slit reel order quantity



QuantityType [attribute]

QuantityType is mandatory. A single instance is required.

QuantityType communicates information about the type of quantity being communicated and how the receiver might use the information.

Refer to QuantityType definition for any enumerations.

QuantityTypeContext [attribute]

QuantityTypeContext is optional. A single instance might exist.

Provides the location in the value chain where the quantity is being reported.

Refer to QuantityTypeContext definition for any enumerations.

AdjustmentType [attribute]

AdjustmentType is optional. A single instance might exist.

Describes the type of adjustment associated with a quantity.

Refer to AdjustmentType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

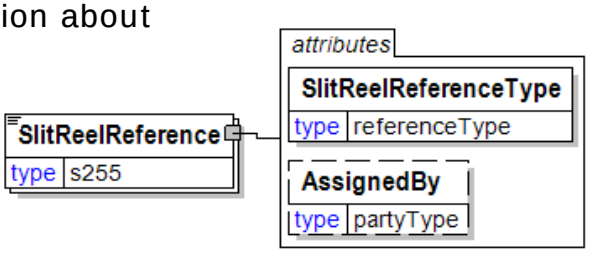
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

SlitReelReference

Communicates miscellaneous information about the slit reel.



SlitReelReferenceType [attribute]

SlitReelReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to SlitReelReferenceType definition for any enumerations.

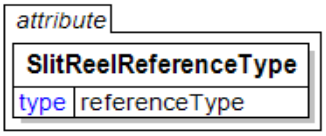
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

SlitReelReferenceType [attribute]

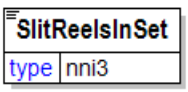


Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

SlitReelsInSet

The number of slit reels in the set.

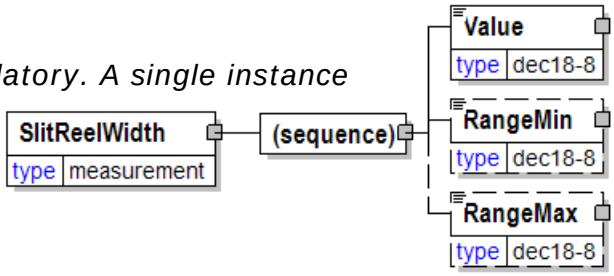


SlitReelWidth

Slit Reel Width

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

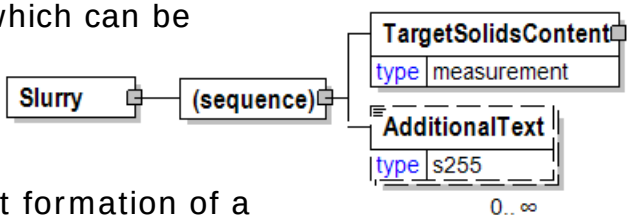
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

Slurry

Product that has moisture content high enough to prevent formation of a sheet, and which can be delivered in liquid form.



Examples:

Product that has moisture content high enough to prevent formation of a sheet, and which can be delivered in liquid form. Examples:Noodle pulp, is pumped into trucks as thick slurry, and then pumped directly into the hydropulper. It has the higher strength properties of never dried pulp.

Product that has moisture content high enough to prevent formation of a sheet, and which can be delivered in liquid form. Examples:Noodle pulp, is pumped into trucks as thick slurry, and then pumped directly into the hydropulper. It has the higher strength properties of never dried pulp. Liquid pulp, never dried pulp, often pumped directly, using a flow meter to measure the moisture and fibre content. Sold by weight of the fibre.

(sequence)

The sequence of items below is mandatory. A single instance is required.

TargetSolidsContent

TargetSolidsContent is mandatory. A single instance is required.

The target amount of solids for the slurry being produced.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

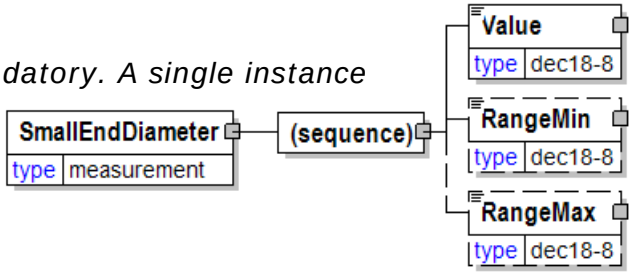
A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

SmallEndDiameter

Reports the log crown end diameter as a measurement.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

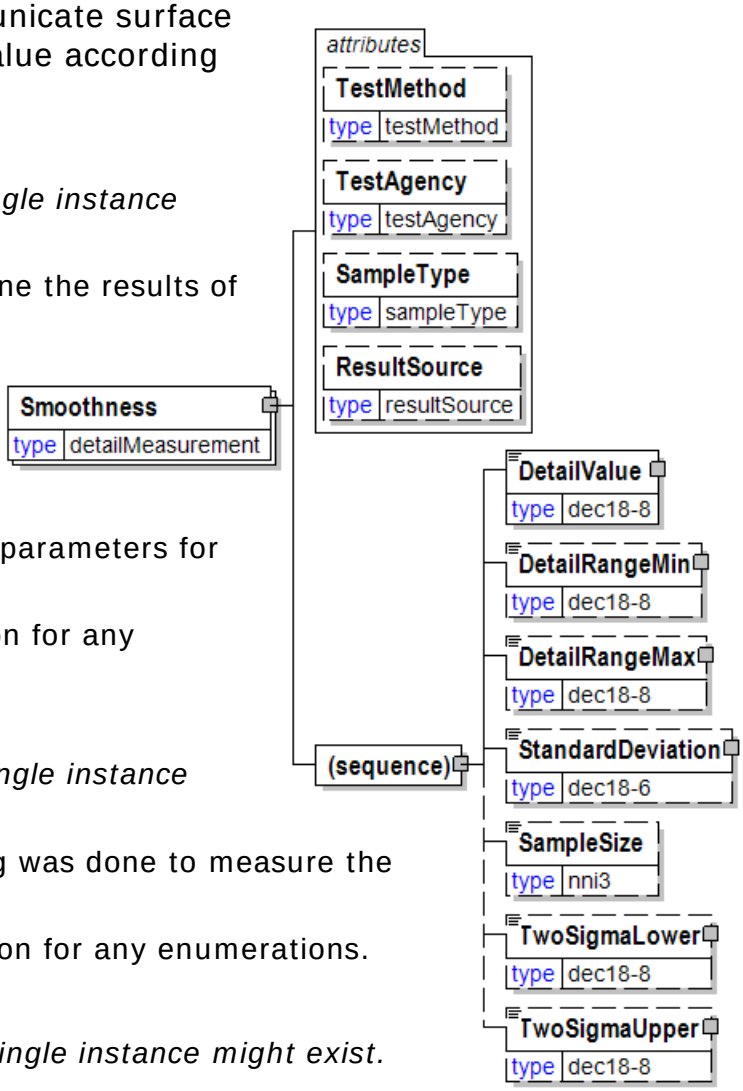
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

Smoothness

A group item used to communicate surface smoothness target or test value according to a particular TestMethod.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

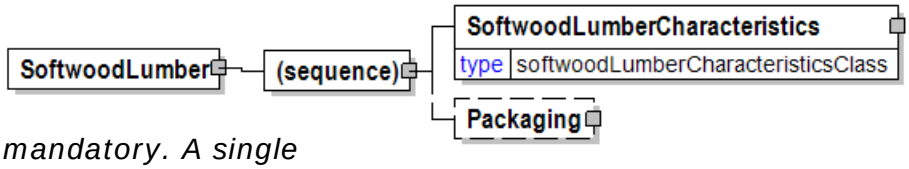
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

SoftwoodLumber

Product structure for solid wood products made of softwood



(sequence)

The sequence of items below is mandatory. A single instance is required.

SoftwoodLumberCharacteristics

SoftwoodLumberCharacteristics is mandatory. A single instance is required.

A group item that organises the softwood lumber –product information.

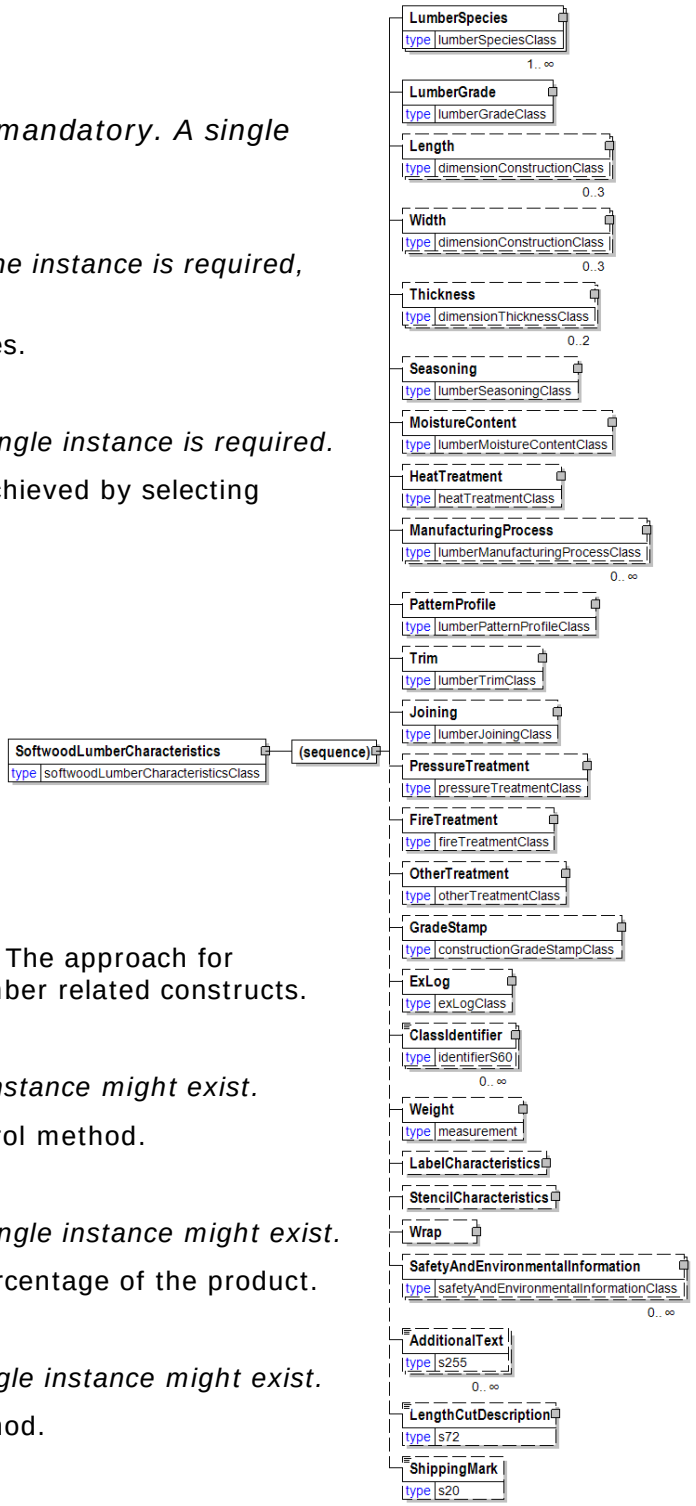
Packaging

Packaging is optional. A single instance might exist.

Type of a package that includes individual products.

SoftwoodLumberCharacteristics

A group item that organises the softwood lumber – product information.



(sequence)

The sequence of items below is mandatory. A single instance is required.

LumberSpecies

LumberSpecies is mandatory. One instance is required, multiple instances might exist.

Specifies the raw material species.

LumberGrade

LumberGrade is mandatory. A single instance is required.

Defines quality characteristics achieved by selecting pieces based on a grading rule.

Length

Length is optional.

The length of the object.

Width

Width is optional.

The width of the object.

Thickness

Thickness is optional.

Physical dimension of a product. The approach for thickness used in the timber/lumber related constructs.

Seasoning

Seasoning is optional. A single instance might exist.

Describes drying/ moisture control method.

MoistureContent

MoistureContent is optional. A single instance might exist.

Defines the moisture content percentage of the product.

HeatTreatment

HeatTreatment is optional. A single instance might exist.

Defines the heat treatment method.

ManufacturingProcess

ManufacturingProcess is optional. Multiple instances might exist.

Defines the different machining and processes made for the product.

PatternProfile

PatternProfile is optional. A single instance might exist.

Defines the pattern used in machining the product.

Trim

Trim is optional. A single instance might exist.

Trim

Joining

Joining is optional. A single instance might exist.

Defines the method used to join pieces of wood.

PressureTreatment

PressureTreatment is optional. A single instance might exist.

Method and parameter values of pressure treatment.

FireTreatment

FireTreatment is optional. A single instance might exist.

Fire treatment

OtherTreatment

OtherTreatment is optional. A single instance might exist.

Other treatment

GradeStamp

GradeStamp is optional. A single instance might exist.

Grade stamp information

ExLog

ExLog is optional. A single instance might exist.

Describes the cutting pattern of the log.

ClassIdentifier

ClassIdentifier is optional. Multiple instances might exist.

Standard used for product identification.

Weight

Weight is optional. A single instance might exist.

The weight of the item.

LabelCharacteristics

LabelCharacteristics is optional. A single instance might exist.

A group item that organises the labeling information.

StencilCharacteristics

StencilCharacteristics is optional. A single instance might exist.

A group element specifying attributes of a stencil to be applied to an item, and optional text.

Wrap

Wrap is optional. A single instance might exist.

A group item that organises wrapping detail information.

SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the

percentage of the product is certified (for example, 75% is certified by the indicated agency).

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

LengthCutDescription

LengthCutDescription is optional. A single instance might exist.

Length Cut Description

ShippingMark

ShippingMark is optional. A single instance might exist.

A shipping mark identifies the producer and quality on the end side of the product. Not to be mixed with company code/logo or other product marking.

SoftwoodPlywood

Characteristics of wood panelling products.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PlywoodOSBGrade

PlywoodOSBGrade is mandatory. A single instance is required.

Defines the grade of plywood, OSB product

Thickness

Thickness is mandatory.

Physical dimension of a product.

Width

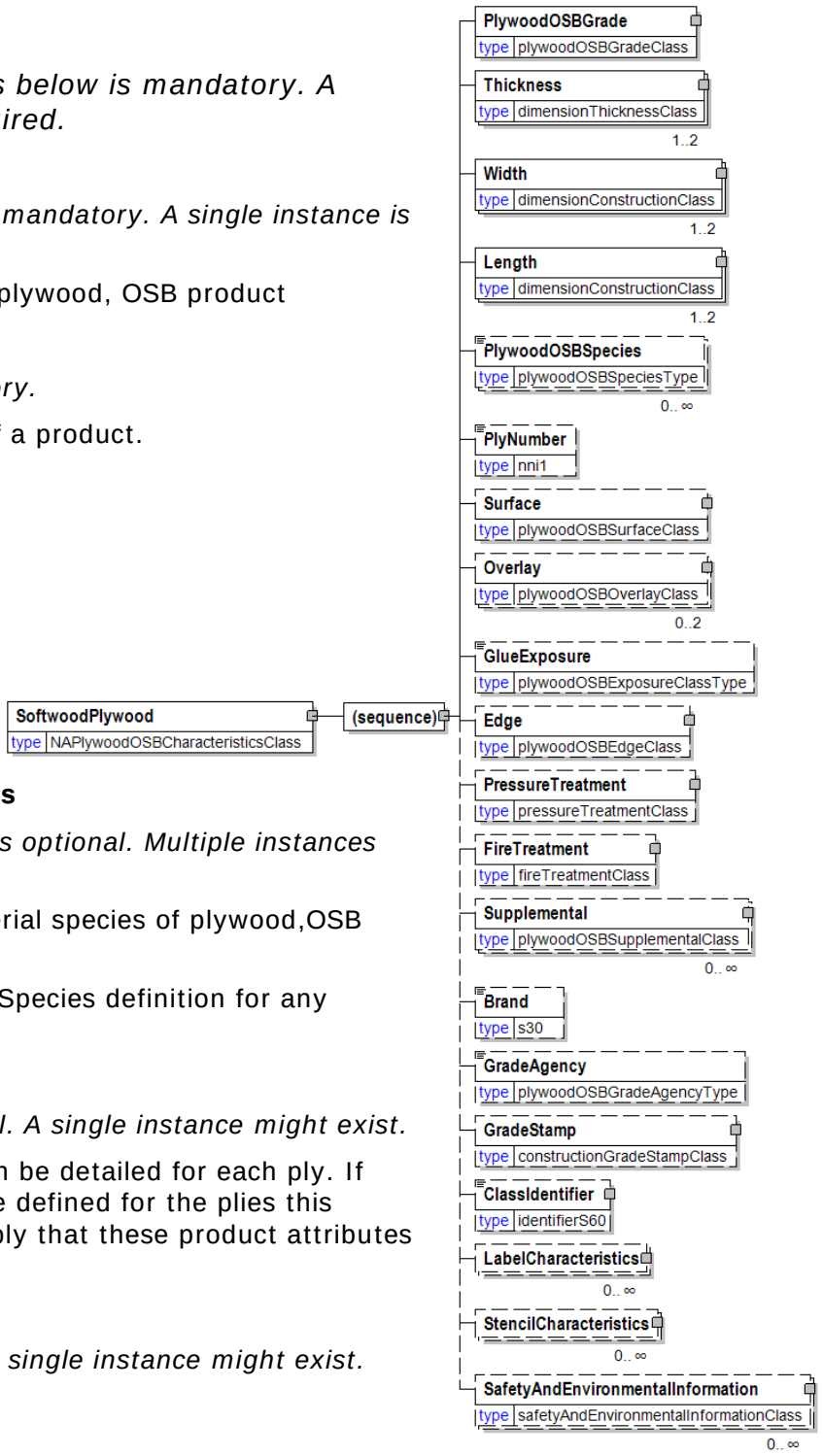
Width is mandatory.

The width of the object.

Length

Length is mandatory.

The length of the object.



PlywoodOSBSpecies

PlywoodOSBSpecies is optional. Multiple instances might exist.

Defines the raw material species of plywood,OSB product.

Refer to PlywoodOSBSpecies definition for any enumerations.

PlyNumber

PlyNumber is optional. A single instance might exist.

Product attributes can be detailed for each ply. If product attributes are defined for the plies this element defines the ply that these product attributes apply to.

Surface

Surface is optional. A single instance might exist.

Overlay

Overlay is optional.

Overlay

GlueExposure

GlueExposure is optional. A single instance might exist.

Refer to GlueExposure definition for any enumerations.

Edge

Edge is optional. A single instance might exist.

Describes the finishing of the edge of the board.

PressureTreatment

PressureTreatment is optional. A single instance might exist.

Method and parameter values of pressure treatment.

FireTreatment

FireTreatment is optional. A single instance might exist.

Fire treatment

Supplemental

Supplemental is optional. Multiple instances might exist.

Supplemental

Brand

Brand is optional. A single instance might exist.

Specifies a brand or trade name of wrapping material to be used when wrapping the product.

GradeAgency

GradeAgency is optional. A single instance might exist.

North American structural panel grading agencies. Defines the governing organisation of the grading scheme employed.

Note: There is a GradeAgency attribute, as well.

Refer to GradeAgency definition for any enumerations.

GradeStamp

GradeStamp is optional. A single instance might exist.

Grade stamp information

ClassIdentifier

ClassIdentifier is optional. A single instance might exist.

Standard used for product identification.

LabelCharacteristics

LabelCharacteristics is optional. Multiple instances might exist.

A group item that organises the labeling information.

StencilCharacteristics

StencilCharacteristics is optional. Multiple instances might exist.

A group element specifying attributes of a stencil to be applied to an item, and optional text.

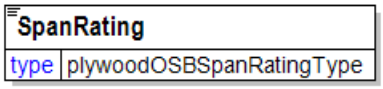
SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency).

SpanRating

Span Rating according to NIST standards and indicated on grade stamp.



This item is restricted to the following list.

16oc

20oc

24oc

32oc

48oc

20/0

24/0

24/16

32/16

40/20

48/24

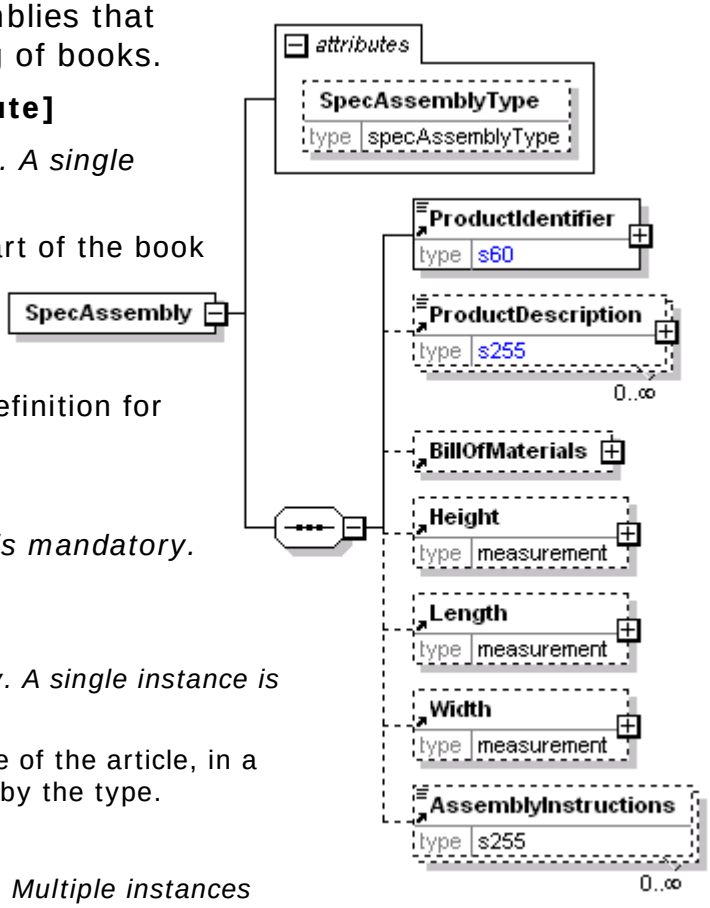
54/32

60/32

60/48

SpecAssembly

SpecAssembly contains assemblies that are used in the manufacturing of books.



SpecAssemblyType [attribute]

SpecAssemblyType is optional. A single instance might exist.

Indicator that identifies the part of the book product for which the assembly information is being specified.

Refer to SpecAssemblyType definition for any enumerations

(sequence)

The sequence of items below is mandatory. A single instance is required.

ProductIdentifier

ProductIdentifier is mandatory. A single instance is required.

Used to communicate the code of the article, in a variety of formats designated by the type.

ProductDescription

ProductDescription is optional. Multiple instances might exist.

An element used to communicate a human readable description of the product in the language specified by the Language attribute.

BillOfMaterials

BillOfMaterials is optional. A single instance might exist.

A specification of the components and other items that are used to produced the item in question.

Height

Height is optional. A single instance might exist.

The height of the object.

Length

Length is optional. A single instance might exist.

The length of the object.

Width

Width is optional. A single instance might exist.

The width of the object.

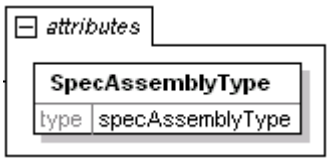
AssemblyInstructions

AssemblyInstructions is optional. Multiple instances might exist.

Instructions for assembly.

SpecAssemblyType [attribute]

Indicator that identifies the part of the book product for which the assembly information is being specified.



This item is restricted to the following list.

Component

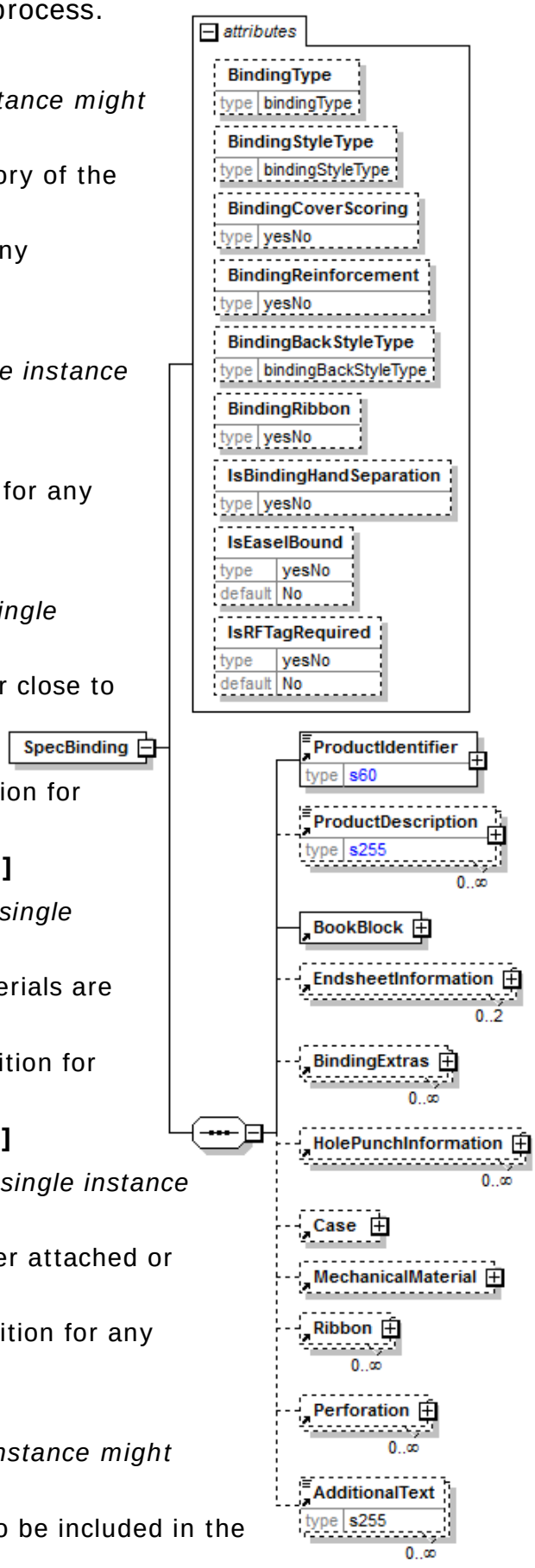
Part or section of the book product.

FinishedGoods

Goods that have completed the manufacturing process but have not yet been sold or distributed to the end user.

SpecBinding

SpecBinding describes the binding process.



BindingType [attribute]

BindingType is optional. A single instance might exist.

Identifies the primary binding category of the book.

Refer to BindingType definition for any enumerations.

BindingStyleType [attribute]

BindingStyleType is optional. A single instance might exist.

Indicates the style of binding used.

Refer to BindingStyleType definition for any enumerations.

BindingCoverScoring [attribute]

BindingCoverScoring is optional. A single instance might exist.

Indicates if scoring of the front cover close to the spine allowing the cover to easily stay open is required.

Refer to BindingCoverScoring definition for any enumerations.

BindingReinforcement [attribute]

BindingReinforcement is optional. A single instance might exist.

Specifies if spine reinforcement materials are included in the binding operation.

Refer to BindingReinforcement definition for any enumerations.

BindingBackStyleType [attribute]

BindingBackStyleType is optional. A single instance might exist.

Specifies that the book cover is either attached or detached from the spine.

Refer to BindingBackStyleType definition for any enumerations.

BindingRibbon [attribute]

BindingRibbon is optional. A single instance might exist.

Specifies if a ribbon (bookmark) is to be included in the binding.

Refer to BindingRibbon definition for any enumerations.

IsBindingHandSeparation [attribute]

IsBindingHandSeparation is optional. A single instance might exist.

Indicates if there is hand separation required or not for books with odd page counts.

Refer to IsBindingHandSeparation definition for any enumerations.

IsEaselBound [attribute]

IsEaselBound is optional. A single instance might exist.

Specifies if the binding is at the top of the pages or not rather than on the side which changes the pagination of the pages.

Refer to IsEaselBound definition for any enumerations.

IsRFTagRequired [attribute]

IsRFTagRequired is optional. A single instance might exist.

Indicates that RFTag application is required in the manufacturing and carton packaging processes.

Refer to IsRFTagRequired definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ProductIdentifier

ProductIdentifier is mandatory. A single instance is required.

Used to communicate the code of the article, in a variety of formats designated by the type.

ProductDescription

ProductDescription is optional. Multiple instances might exist.

An element used to communicate a human readable description of the product in the language specified by the Language attribute.

BookBlock

BookBlock is mandatory. A single instance is required.

The text block plus the endpapers and other materials added by the binder before cover is applied.

EndsheetInformation

EndsheetInformation is optional.

End sheet information.

BindingExtras

BindingExtras is optional. Multiple instances might exist.

Binding extras

HolePunchInformation

HolePunchInformation is optional and repeatable. Multiple instances might exist.

Hole Punch Information.

Case

Case is optional. A single instance might exist.

Case information

MechanicalMaterial

MechanicalMaterial is optional. A single instance might exist.

Mechanical material information

Ribbon

Ribbon is optional. Multiple instances might exist.

Ribbon information.

Perforation

Perforation is optional and repeatable. Multiple instances might exist.

Perforation information.

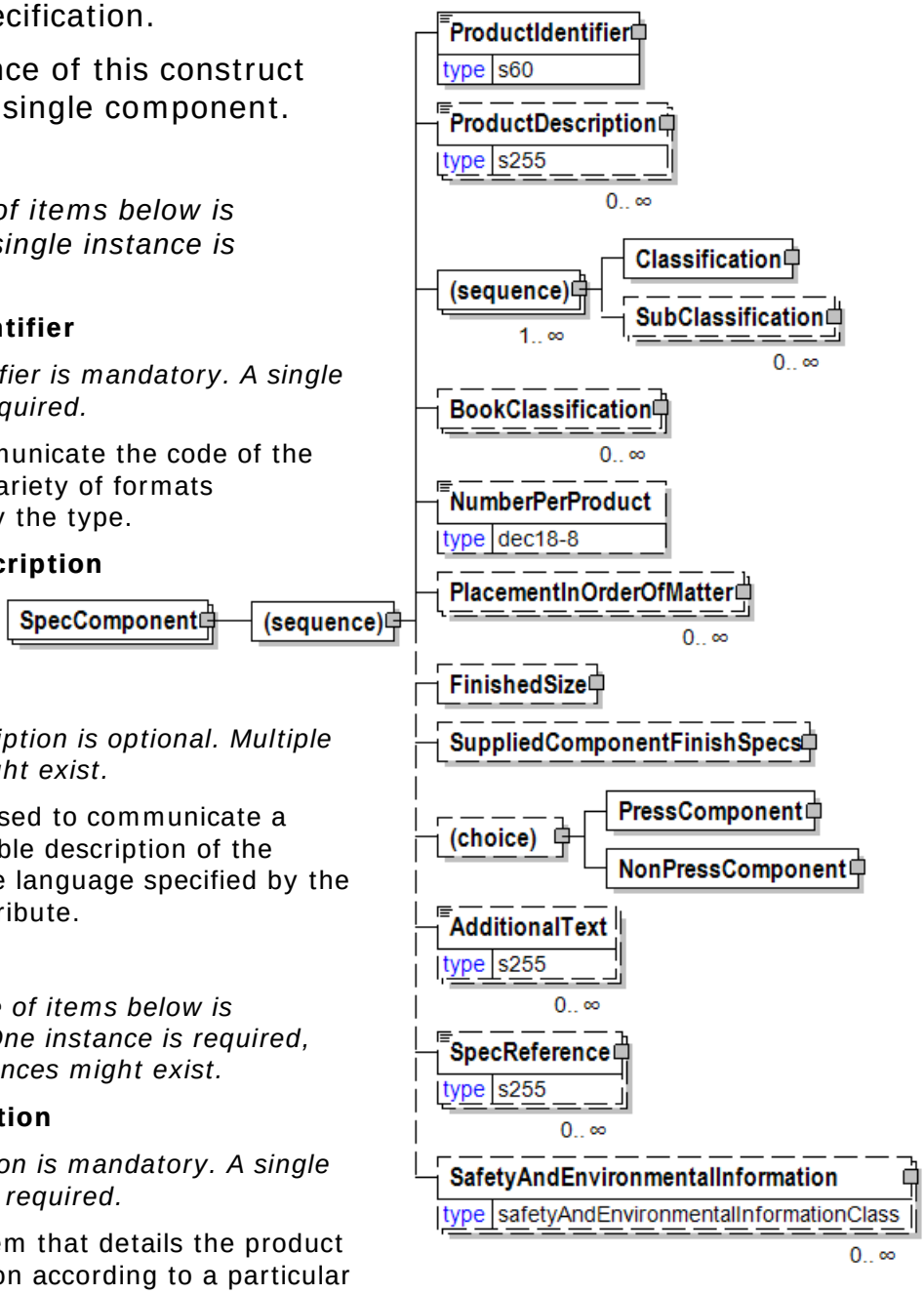
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

SpecComponent

Group element used to identify all the necessary component information for this BookSpecification.



Each occurrence of this construct identifies a single component.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ProductIdentifier

ProductIdentifier is mandatory. A single instance is required.

Used to communicate the code of the article, in a variety of formats designated by the type.

ProductDescription

ProductDescription is optional. Multiple instances might exist.

An element used to communicate a human readable description of the product in the language specified by the Language attribute.

(sequence)

The sequence of items below is mandatory. One instance is required, multiple instances might exist.

Classification

Classification is mandatory. A single instance is required.

A group item that details the product classification according to a particular organization's scheme. An item across multiple classifications would still be recognized as the same item. Examples of some product classifications are: Containerboard, Pulp-Dissolving, or Newsprint.

SubClassification

SubClassification is optional. Multiple instances might exist.

SubClassification provides additional classification information.

BookClassification

BookClassification is optional. Multiple instances might exist.

Category under which the product or a component within the product is classified.

NumberPerProduct

NumberPerProduct is optional. A single instance might exist.

The number of components or items per assembly or constructed product

PlacementInOrderOfMatter

PlacementInOrderOfMatter is optional. Multiple instances might exist.

Element used to identify where the component is to be placed amongst other components when assembling a book.

FinishedSize

FinishedSize is optional. A single instance might exist.

Finished size

SuppliedComponentFinishSpecs

SuppliedComponentFinishSpecs is optional. A single instance might exist.

Supplied Component Finish Specs

(choice)

[choice] is optional because of choice construct.

PressComponent

PressComponent is optional because of choice construct.

Press Component.

NonPressComponent

NonPressComponent is optional because of choice construct.

Non-press component.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

SpecReference

SpecReference is optional. Multiple instances might exist.

Used to identify any external or associated documents, identifiers, etc.

SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency).

SpecGeneral

Spec General

(sequence)

The sequence of items below is mandatory. A single instance is required.

SpecInformation

SpecInformation is mandatory. A single instance is required.

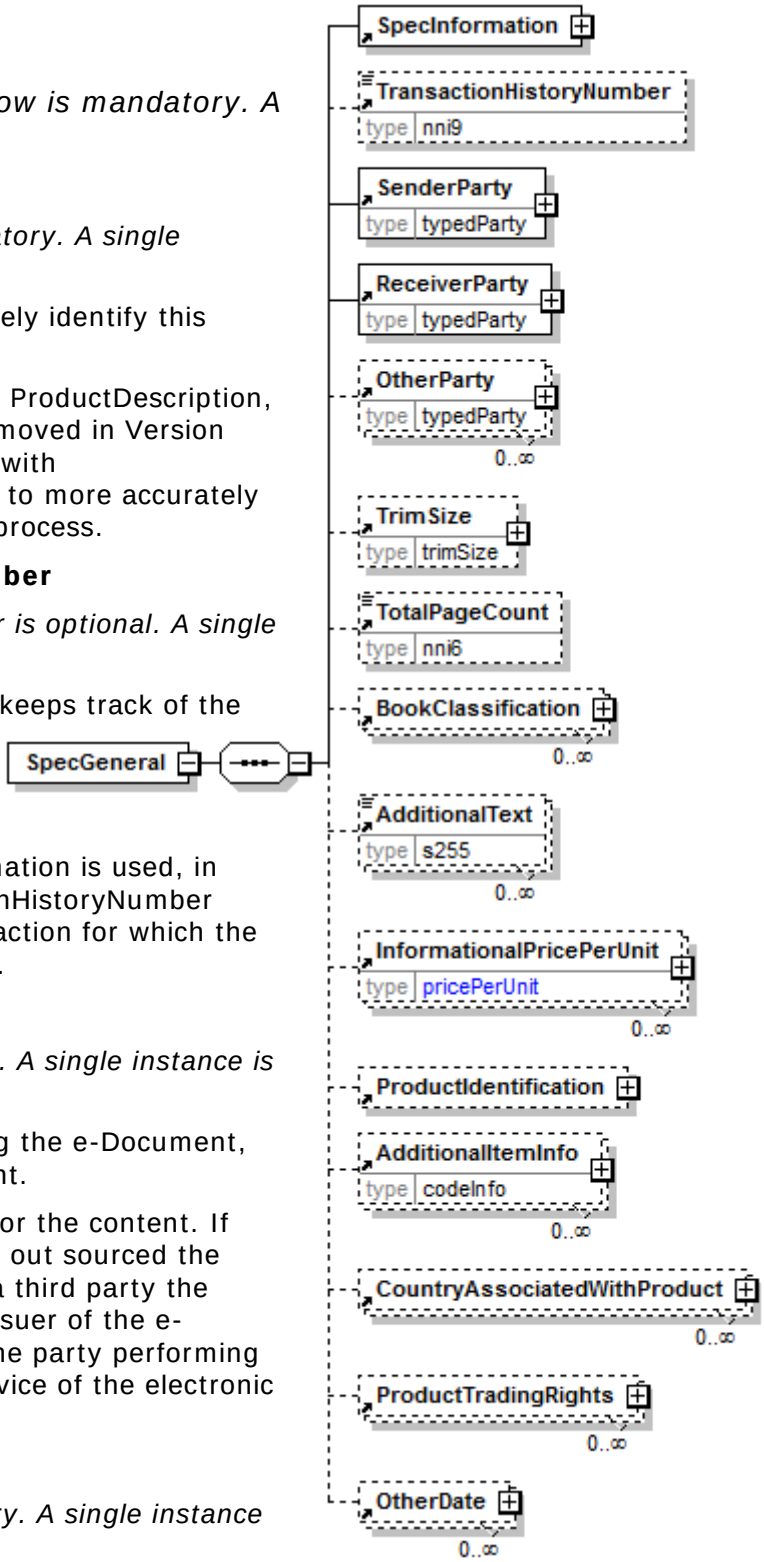
Construct is used to uniquely identify this BookSpecification.

Note: ProductIdentifier, ProductDescription, and Classification removed in Version V2R30 and replaced with SpecificationNumber to more accurately reflect the business process.

TransactionHistoryNumber

TransactionHistoryNumber is optional. A single instance might exist.

A sequential number that keeps track of the version of a document being sent by the document originator except in the case where TransactionHistoryConfirmation is used, in which case the TransactionHistoryNumber refers to the trigger transaction for which the confirmation is being sent.



SenderParty

SenderParty is mandatory. A single instance is required.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is mandatory. A single instance is required.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

TrimSize

TrimSize is optional. A single instance might exist.

Trim size.

TotalPageCount

TotalPageCount is optional. A single instance might exist.

Element used to communicate the book's approximate total number of pages within each unit of the book. Total page count is more or less a reference to the "size" of the book that the customer designates. For instance, they will refer to a book as 800 pages when in fact it is 792 actual text pages with 8 pages of various inserts. This value should not be used to drive any of the other values for the component parts, but may in fact be exactly equal to the number of pages in one of the components designated as "Text".

BookClassification

BookClassificationt is optional. Multiple instances might exist.

Category under which the product or a component within the product is classified.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

InformationalPricePerUnit

InformationalPricePerUnit is optional. Multiple instances might exist.

A group item containing a currency value and a measurement value used convey a secondary PricePerUnit. For example, where PricePerUnit is dollars per ton. InformationalPricePerUnit could be dollars per kilogram.

ProductIdentification

ProductIdentification is optional. A single instance might exist.

A grouping element designed to communicate product identification related to the parent element that contains this item.

AdditionalItemInfo

AdditionalItemInfo is optional. Multiple instances might exist.

A grouping element that contains information about additional items specified by an agency. Restricted use of this element is recommended.

CountryAssociatedWithProduct

CountryAssociatedWithProduct is optional. Multiple instances might exist.

Specifies the country associated with the product.

ProductTradingRights

ProductTradingRights is optional. Multiple instances might exist.

Identifies a country to which products can or cannot be sold or distributed.

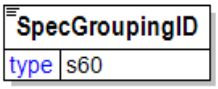
OtherDate

OtherDate is optional. Multiple instances might exist.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

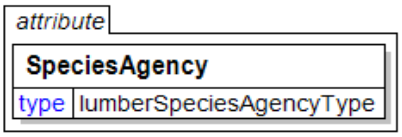
SpecGroupingID

A value that will relate/link specifications together. For example, items that are usually manufactured with common components.



SpeciesAgency [attribute]

Defines the governing organisation of the scheme employed in determining the species of the product.



This item is restricted to the following list.

ISO

International Organisation for Standardization.

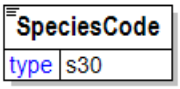
prEN TC(1113-1)

Supplier

Supplier determined scheme.

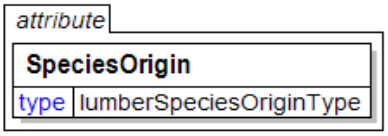
SpeciesCode

Species Code



SpeciesOrigin [attribute]

The country of origin of the species employed in manufacture of the product.



This item is restricted to the following list.

Africa

America

Austria

Bavaria

Brasil

Canada

Estonia

European

Finland

French

Germany

Indian

Latvia

Lithuania

Norway

Russia

Sweden

North

South

Eastern

Western

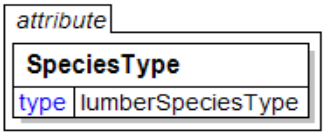
Coast

Inland

Other

SpeciesType [attribute]

Defines the species or mix of species comprising the product.



This item is restricted to the following list.

Afrormosia

Afzelia

Agba

AlaskanCedar

Alder

AlpineFir

AmabilisFir

Amapa

Andoung

Anegre

Antiaris

Ash

Aspen

AspenPolar

AustrianSpruce

Avodire

Ayan

Ayous/Ako

BalsamFir

BalsamPolar

Bamboo

Basswood

Beech

Birch

BirdseyeMaple

BlackCherry

BlackCottonwood

BlackGuarea

BlackSpruce

Bubinga

CaliforniaRedFir

CaribeanPine

Yes, it is Caribean Pine.

CarolinaPine

Cedar

Ceiba

CembraPine

Cherry

Chestnut

CoastSpecies

Cypress

Danta

DouglasFir

Douka

EasternCottonwood

EasternHemlock

EasternSoftwoods

EasternSpruce

EasternWhiteCedar

EasternWhitePine

Elliotti

EngelmanSpruce

Eucalyptus

EuropeanLarch

Exotic

FigureSycamore

Fir

Frake

Framire

Gaboon

GrandFir

GreyElm

HardMaple

Hemlock

Hornbeam

IdahoWhitePine

Ilomba

Imbira

IncCedar

InlRedCedar

Ipe

Iroko

JackPine

Kaya

Koto

Larch

LarricioPine

Lauan

Limba

Locust

LodgepolePine

Mahogany

Macoré

Mansonia

Maple

MaritimePine

Meranti

Merbeau

MexicanPine

MixedSoftwood

MixedSYP

MixedTropicalHardwood

MntnHemlock

Niangon

NobelFir

NorwaySpruce

NorthernAspen

NorthernPine

NorthernSpecies

Oak

Okume

OliverAsh

Olon

Omu

OregonPine

Ozigo

PacificCoastHemlock

PacificSilverFir

Padauk

PaoAmarello

Pear

Pearwood

Pine

Plane

PlywoodComposite

Indicates that the product is made up of a group of species. It is a composite product (usually plywood).

PonderosaPine

PrtOrfCed

Poucouli

Purpleheart

Radiata

RadiataPine

RedCedar

RedElm

RedOak

RedPine

RedSpruce

RedWhitewood

Redwood

RioRosewood

Rosewood

SandPine

SantosRosewood

Sapelle

Satinwood

ScotsPine

SilkyOak

SitkaSpruce

SouthernPine

SouthernPondPine

SouthernSprucePine

SPF

Spruce

SugarPine

SwissPear

SwissStonePine

Sycamore

SYP

Taeda

Tamarack

Tauari

Teak

Tiama

Tineo

TropicalOliver

Utile

VirginiaPine

Walnut

Wenge

Wey

WesternCedars

WesternHemlock

WesternRedCedar

WesternWhitePine

WesternWhiteSpruce

WesternWoods

WhitebarkPine

WhiteFir

WhiteOak

WhiteSpruce

WhiteWood

YellowCedar

YellowCypress

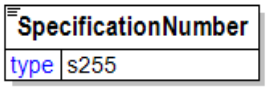
YellowPoplar

Zebrano

Other

SpecificationNumber

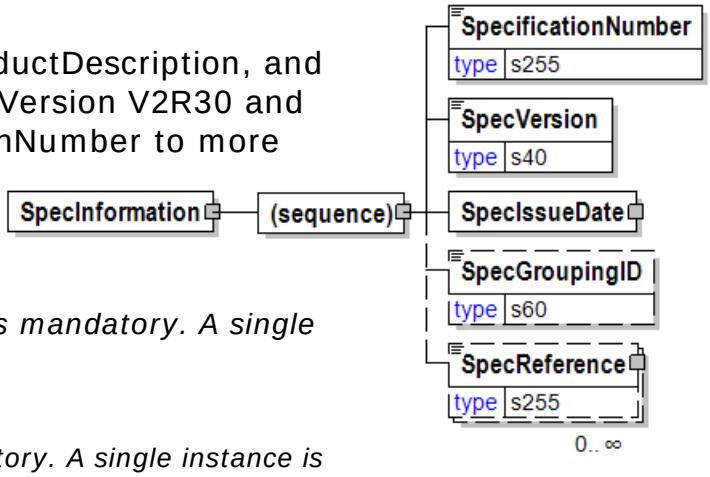
Specification Number



SpecInformation

Construct is used to uniquely identify this BookSpecification.

Note: ProductIdentifier, ProductDescription, and Classification removed in Version V2R30 and replaced with SpecificationNumber to more accurately reflect the business process.



(sequence)

The sequence of items below is mandatory. A single instance is required.

SpecificationNumber

SpecificationNumber is mandatory. A single instance is required.

Specification Number

SpecVersion

SpecVersion is mandatory. A single instance is required.

The specification version

SpecIssueDate

SpecIssueDate is mandatory. A single instance is required.

Used to identify the issue date of this BookSpecifiaction.

SpecGroupingID

SpecGroupingID is optional. A single instance might exist.

A value that will relate/link specifications together. For example, items that are usually manufactured with common components.

SpecReference

SpecReference is optional. Multiple instances might exist.

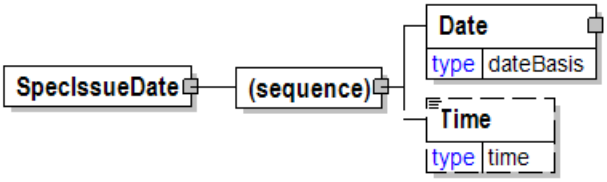
Used to identify any external or associated documents, identifiers, etc.

SpecIssueDate

Used to identify the issue date of this BookSpecifiaction.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

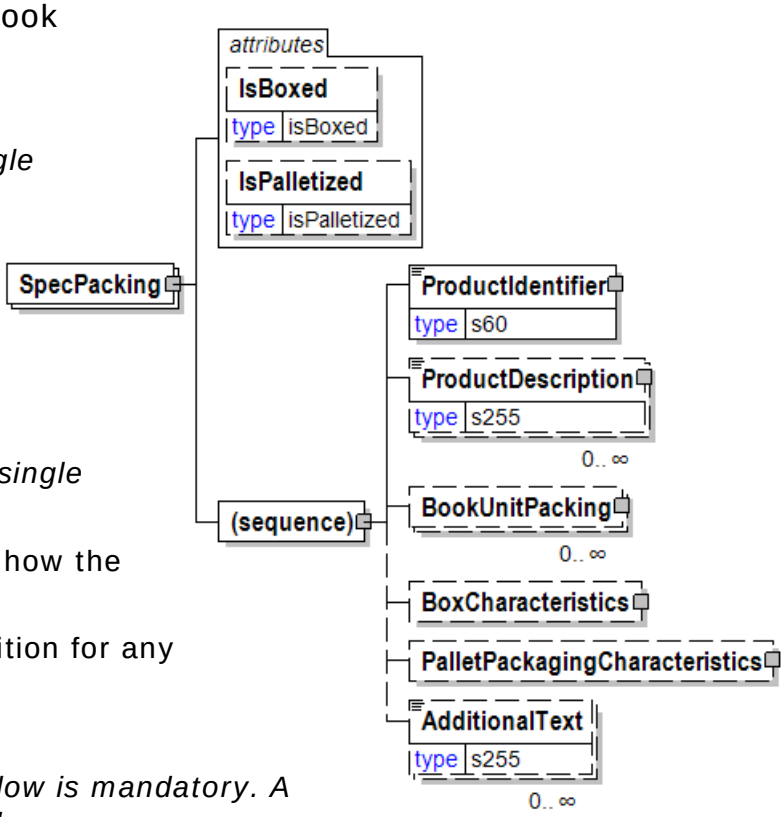
hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

SpecPacking

SpecPacking defines the book packaging parameters.



IsBoxed [attribute]

IsBoxed is optional. A single instance might exist.

Refer to IsBoxed definition for any enumerations.

IsPalletized [attribute]

IsPalletized is optional. A single instance might exist.

The buyer's directions for how the item is to be palletized.

Refer to IsPalletized definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

ProductIdentifier

ProductIdentifier is mandatory. A single instance is required.

Used to communicate the code of the article, in a variety of formats designated by the type.

ProductDescription

ProductDescription is optional. Multiple instances might exist.

An element used to communicate a human readable description of the product in the language specified by the Language attribute.

BookUnitPacking

BookUnitPacking is optional. Multiple instances might exist.

Book unit packing information

BoxCharacteristics

BoxCharacteristics is optional. A single instance might exist.

BoxCharacteristics is a group element that contains information about the box (or carton)

PalletPackagingCharacteristics

PalletPackagingCharacteristics is optional. A single instance might exist.

PalletPackagingCharacteristics details the characteristics of the packaging for a pallet.

AdditionalText

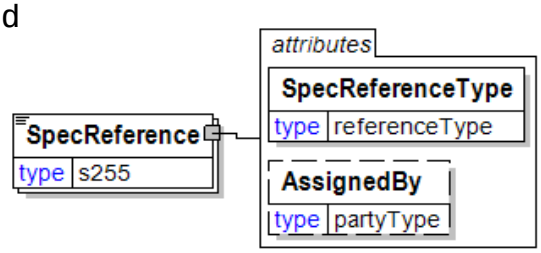
AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for

special instructions. To be used only for circumstances not covered by specific elements.

SpecReference

Used to identify any external or associated documents, identifiers, etc.



SpecReferenceType [attribute]

SpecReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to SpecReferenceType definition for any enumerations.

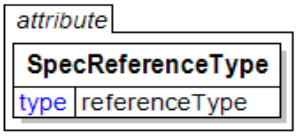
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

SpecReferenceType [attribute]

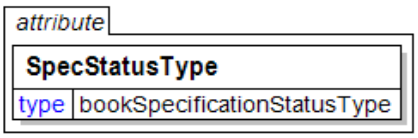


Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

SpecStatusType [attribute]

Identifies the status of the entire BookSpecification e-Document (in other words, at the root level).



This item is restricted to the following list.

Amended

The supplied information is changed.

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

Original

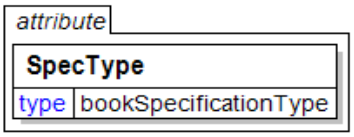
The supplied information is the first version of that information.

Replaced

The supplied information is replacing earlier supplied information. The receiver should revalidate the information in their system based upon the entire information received.

SpecType [attribute]

DefinitionUsed to identify what type of BookSpecification e-Document this transaction is.



This item is restricted to the following list.

SpecContent

Indicates that BookSpecification should only be used in the content file verification process.

SpecOrder

Used when the BookSpecification e-Document is intended for use with the PurchaseOrder transaction.

SpecRFQ

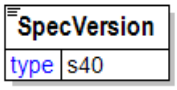
Used when the BookSpecification e-Document is intended for use with the Request for Quote (Estimate) transaction.

SupplierSpec

Will be removed in a future version. Recommended not to be used.
(Old definition: Used when the BookSpecification e-Document is intended for use by the Supplier only and is not generated by, or transmitted to the Buyer).

SpecVersion

The specification version



SpeedType [attribute]

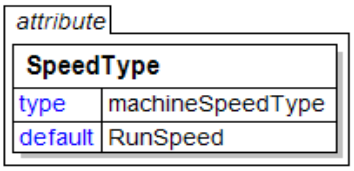
Speed Type

This item is restricted to the following list.

RampUp

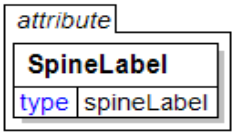
RunSpeed

SlowDown



SpineLabel [attribute]

The sleeve spine label.



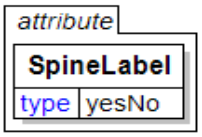
SpineLabel [attribute]

Is there a spine label?

This item is restricted to the following list.

Yes

No

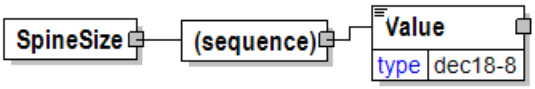


SpineSize

The height of the spine.

(sequence)

The sequence of items below is mandatory. A single instance is required.



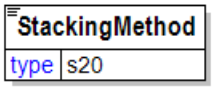
Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

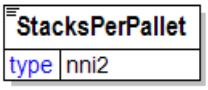
StackingMethod

A text field describing the pattern used when stacking of pallets.



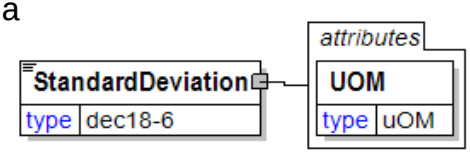
StacksPerPallet

The number of stacks on a pallet, where a stack is a vertical arrangement of items (looking down from above).



StandardDeviation

A statistic used as a measure of dispersion in a distribution.



UOM [attribute]

UOM is mandatory. A single instance is required.

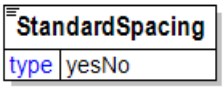
Defines the unit of measure for the value.

Refer to UOM definition for any enumerations.

StandardSpacing

Is the spacing standard?

This item is restricted to the following list.

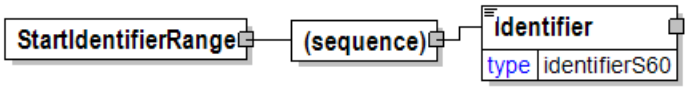


Yes

No

StartIdentifierRange

An element that identifies the starting item identifier in the range of items that contributed to the aggregated measurements for the range.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Identifier

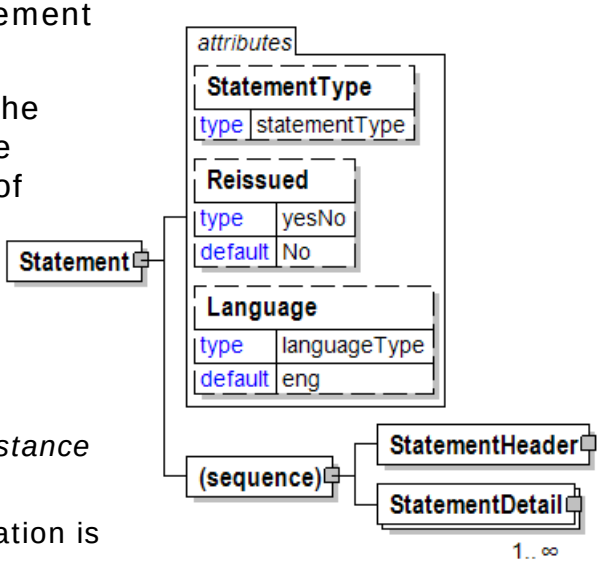
Identifier is mandatory. A single instance is required.

An Identifier is required for packages and items (pallets, reel packages, boxes, ream items, reel items, etc). The Identifier element contains the actual item identifier code. Identifier is repeatable so more than one identifier can be communicated. For example, the printed identifier on a label may be different from the barcode printed on the label.

Statement

The Statement element is the root element for the Statement e-Document.

The Statement e-Document permits the manufacturer or supplier to report the current status of an invoice, or a list of invoices based upon specified criteria. The e-Document enables the sender to indicate payment status for the invoice.



StatementType [attribute]

StatementType is optional. A single instance might exist.

Communicates how Statement information is filtered.

Refer to StatementType definition for any enumerations.

Reissued [attribute]

Reissued is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Reissued definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

StatementHeader

StatementHeader is mandatory. A single instance is required.

Information that applies to the entire Statement e-Document.

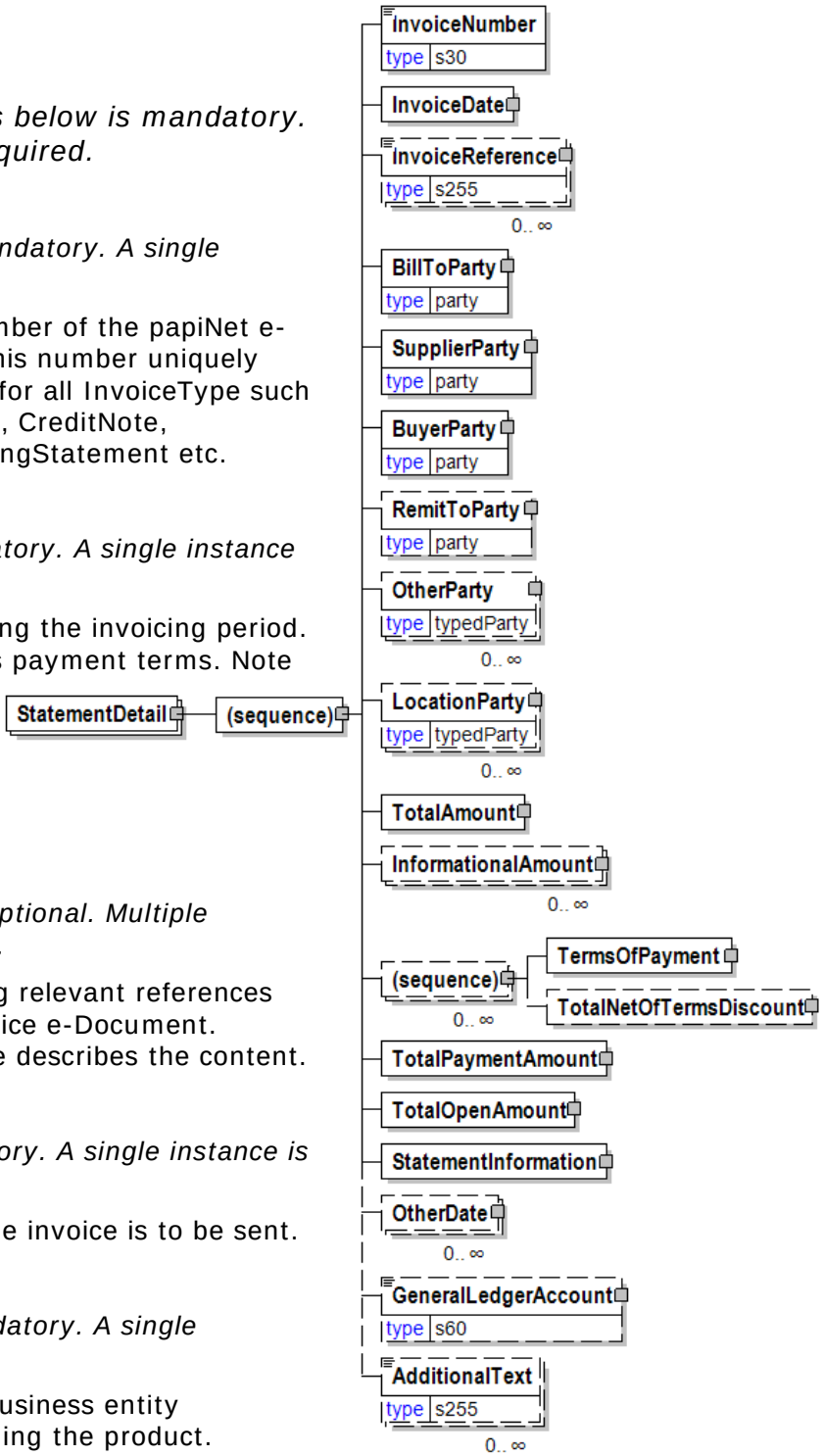
StatementDetail

StatementDetail is mandatory. One instance is required, multiple instances might exist.

The specifics of information being communicated in the Statement e-Document.

StatementDetail

The specifics of information being communicated in the Statement e-Document.



(sequence)

The sequence of items below is mandatory. A single instance is required.

InvoiceNumber

InvoiceNumber is mandatory. A single instance is required.

The identification number of the papiNet e-Document Invoice. This number uniquely identifies documents for all InvoiceType such as Invoice, DebitNote, CreditNote, Approximate, SelfBillingStatement etc.

InvoiceDate

InvoiceDate is mandatory. A single instance is required.

A date that is qualifying the invoicing period. This date often drives payment terms. Note that this date is not necessarily the same as the issue date of the invoice.

InvoiceReference

InvoiceReference is optional. Multiple instances might exist.

A group item detailing relevant references pertaining to the invoice e-Document. InvoiceReferenceType describes the content.

BillToParty

BillToParty is mandatory. A single instance is required.

The address where the invoice is to be sent.

SupplierParty

SupplierParty is mandatory. A single instance is required.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

BuyerParty

BuyerParty is mandatory. A single instance is required.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

RemitToParty

RemitToParty is optional. A single instance might exist.

A group item containing details of the party to whom payment will be made. The RemitToParty contains all information related to remittance.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

LocationParty

LocationParty is optional. Multiple instances might exist.

The organization or business entity where the business event took place or will take place.

TotalAmount

TotalAmount is mandatory. A single instance is required.

The total amount including tax (when tax is specified in the e-Document).

In e-Documents claiming payment this is the amount due for payment based on the terms of payment. Decimal rounding might be applied to this amount.

InformationalAmount

InformationalAmount is optional. Multiple instances might exist.

A monetary amount used for information purposes only (not for calculation). For example, the invoice price adjustment subtotal is expressed in sterling pounds, and the buyer wants this information expressed in U.S. dollars.

CreditDebitNote and Invoice - The TaxAmount is displayed in the currency that is applicable throughout the e-Document. When a TaxAmount needs to be displayed in a different national currency, this field is used.

(sequence)

The sequence of items below is optional. Multiple instances might exist.

TermsOfPayment

TermsOfPayment is mandatory. A single instance is required.

A group item that contains agreed-to terms defining when, how, and under what conditions the payment is to be made.

When TermsOfPayment is optional; if omitted, TermsOfPayment is controlled through previous negotiation.

TotalNetOfTermsDiscount

TotalNetOfTermsDiscount is optional. A single instance might exist.

The components of the amount to be paid if prompt payment discount terms are met, including the amount that is subject to the payment terms discount, the discount amount, and the amount due after prompt payment discount.

TotalPaymentAmount

TotalPaymentAmount is mandatory. A single instance is required.

The amounts which were paid and booked against the original invoice.

TotalOpenAmount

TotalOpenAmount is mandatory. A single instance is required.

InvoiceAmount less the sum of all payment amounts, translated into one common

currency.

StatementInformation

StatementInformation is mandatory. A single instance is required.

Invoice information for the statement.

OtherDate

OtherDate is optional. Multiple instances might exist.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

GeneralLedgerAccount

GeneralLedgerAccount is optional. A single instance might exist.

The general ledger account to be referenced for the item.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

StatementHeader

Information that applies to the entire Statement e-Document.

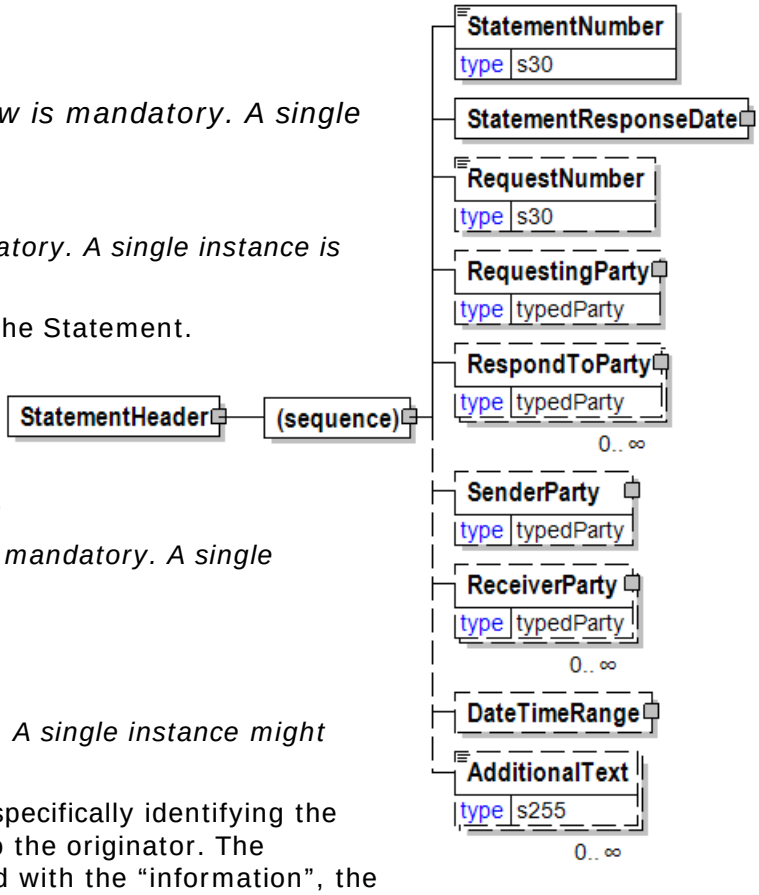
(sequence)

The sequence of items below is mandatory. A single instance is required.

StatementNumber

StatementNumber is mandatory. A single instance is required.

A number used to identify the Statement.



StatementResponseDate

StatementResponseDate is mandatory. A single instance is required.

RequestNumber

RequestNumber is optional. A single instance might exist.

A unique tracking number specifically identifying the InfoRequest e-Document to the originator. The tracking number is returned with the “information”, the answer, to help match the answer to the request.

RequestingParty

RequestingParty is optional. A single instance might exist.

The party requesting the information.

RespondToParty

RespondToParty is optional. Multiple instances might exist.

The party the document should be responded to.

SenderParty

SenderParty is optional. A single instance might exist.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is optional. Multiple instances might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

DateTimeRange

DateTimeRange is optional. A single instance might exist.

Specifies a date and/or time range.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

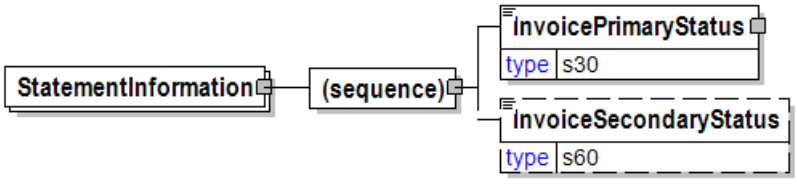
A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

StatementInformation

Invoice information for the Statement.

(sequence)

The sequence of items below is mandatory. A single instance is required.



InvoicePrimaryStatus

InvoicePrimaryStatus is mandatory. A single instance is required.

The primary status of the invoice.

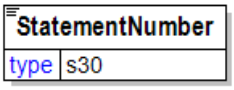
InvoiceSecondaryStatus

InvoiceSecondaryStatus is optional. A single instance might exist.

The secondary status of the invoice.

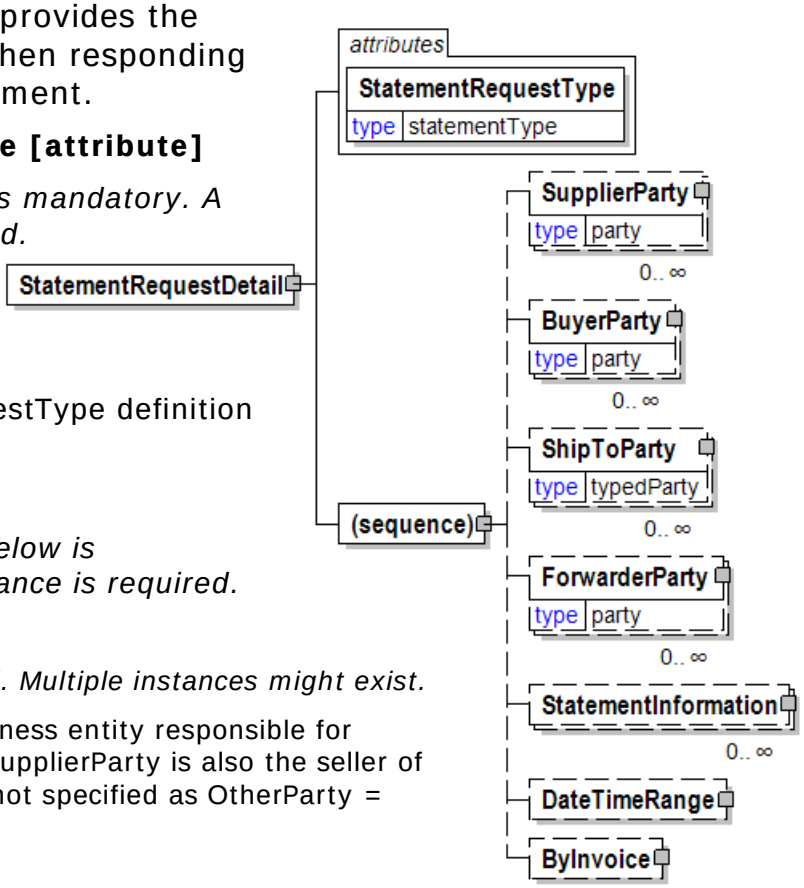
StatementNumber

A number used to identify the Statement.



StatementRequestDetail

A grouping element that provides the parameters to be used when responding with a Statement e-Document.



StatementRequestType [attribute]

StatementRequestType is mandatory. A single instance is required.

Communicates how statement information is filtered.

Refer to StatementRequestType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

SupplierParty

SupplierParty is optional. Multiple instances might exist.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

BuyerParty

BuyerParty is optional. Multiple instances might exist.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

ShipToParty

ShipToParty is optional. Multiple instances might exist.

The name and/or address to which the goods should be delivered with the party type indicated by the PartyType attribute.

ForwarderParty

ForwarderParty is optional. Multiple instances might exist.

The trading partner involved in the forwarding of the shipment.

StatementInformation

StatementInformation is optional. Multiple instances might exist.

Invoice information for the Statement.

DateTimeRange

DateTimeRange is optional. A single instance might exist.

Specifies a date and/or time range.

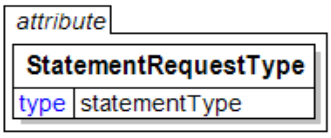
ByInvoice

ByInvoice is optional. A single instance might exist.

Selection criteria for invoice information.

StatementRequestType [attribute]

Communicates how statement information is filtered.



This item is restricted to the following list.

AllCreditsDebitsInvoices

ByCreditDebit

ByCreditDebit will be deprecated in a future version. Use AllCreditsDebitsInvoices instead.

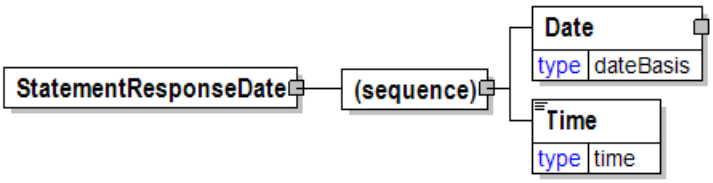
ByInvoiceNumber

ByDebit

StatementResponseDate

(sequence)

The sequence of items below is mandatory. A single instance is required.



Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is mandatory. A single instance is required.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

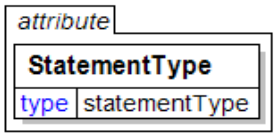
hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

StatementType [attribute]

Communicates how statement information is filtered.



This item is restricted to the following list.

AllCreditsDebitsInvoices

ByCreditDebit

ByCreditDebit will be deprecated in a future version. Use AllCreditsDebitsInvoices instead.

ByInvoiceNumber

ByDebit

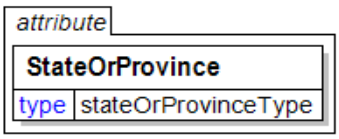
StateOrProvince

The political designation or boundary of a specific area of land.



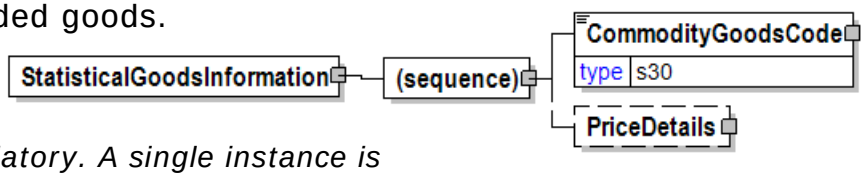
StateOrProvince [attribute]

The political designation or boundary of a specific area of land.



StatisticalGoodsInformation

A group item containing statistical information about handled or traded goods.



(sequence)

The sequence of items below is mandatory. A single instance is required.

CommodityGoodsCode

CommodityGoodsCode is mandatory. A single instance is required.

A code defining the type of goods handled or traded. The Harmonized Commodity Description and Coding System (HS) of the Customs Cooperation Council (CCC) is used worldwide as a reference for classifications of external trade statistics and for customs tariffs.

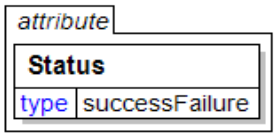
PriceDetails

PriceDetails is optional. A single instance might exist.

An element that groups together price information.

Status [attribute]

Defines whether or not the electronic transaction successfully processed in the receiver ERP system.



This item is restricted to the following list.

Success

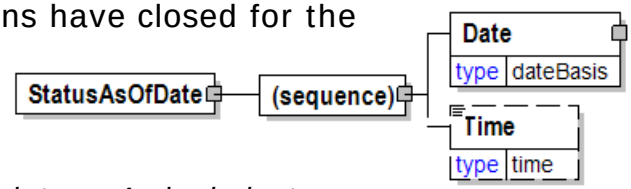
Indicates that the electronic transaction successfully processed in the receiver ERP system.

Failure

Indicates that the electronic transaction failed to process in the receiver ERP system.

StatusAsOfDate

The specific Date and Time for which status is requested. This implies that all open transactions have closed for the date before the status is reported.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

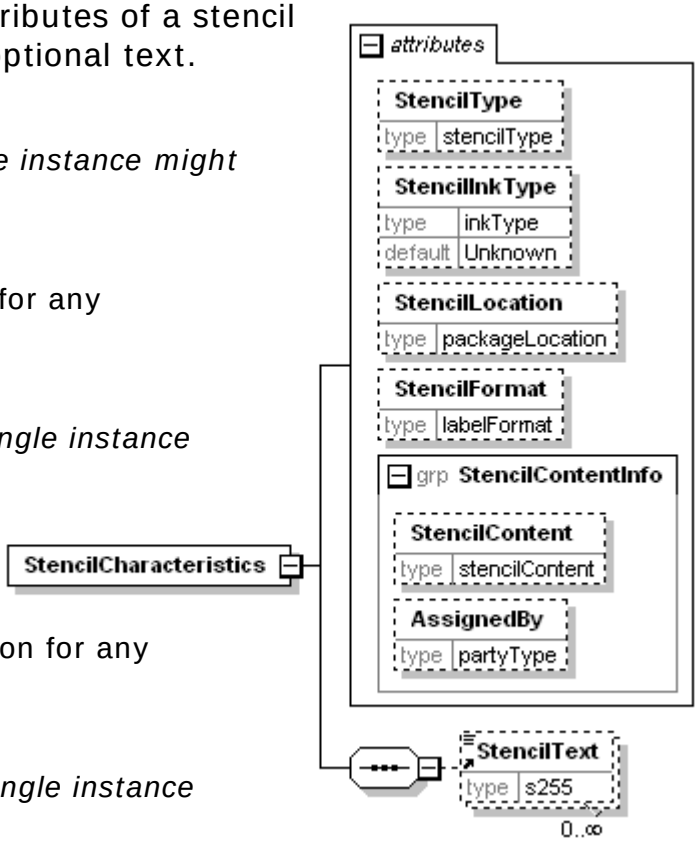
Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

StencilCharacteristics

A group element specifying attributes of a stencil to be applied to an item, and optional text.



StencilType [attribute]

StencilType is optional. A single instance might exist.

The type of stencil

Refer to StencilType definition for any enumerations.

StencilInkType [attribute]

StencilInkType is optional. A single instance might exist.

Specifies the characteristics of the ink to be used for the stencil

Refer to StencilInkType definition for any enumerations.

StencilLocation [attribute]

StencilLocation is optional. A single instance might exist.

Specifies the location of the stencil on the product

Refer to StencilLocation definition for any enumerations.

StencilFormat [attribute]

StencilFormat is optional. A single instance might exist.

Specifies how the information is to be presented in the stencil

Refer to StencilFormat definition for any enumerations.

StencilContent [attribute]

StencilContent is optional. A single instance might exist.

Specifies the information contained in the stencil.

Refer to StencilContent definition for any enumerations.

AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

StencilText

StencilText is optional. Multiple instances might exist.

Plain text that is to be stenciled on the product. Used in conjunction with StencilContent = “PlainText”.

StencilContent [attribute]

Specifies the information contained in the stencil.



This item is restricted to the following list.

Author

Name of the author of the product or book

BasisWeight

The weight of the paper expressed as a mass for a given surface area.

BoxWeight

Weight of the filled box.

BookVolumeNumber

A number assigned to a book that denotes the sequential order when several books are either bound in an identical format or are part of a series or set.

BrandName

A specific product brand name for which the owner or source is specified in the “@AssignedBy” attribute.

Copyright

The year of publication copyright**.**

Edition

Identifies the version of the product for which copies were printed and published at one time; For example in book manufacturing values might be 1st, 2nd, etc

ExportShipMark

An export shipment mark for identification.

GradeCode

A specific product code for which the owner or source is specified in the “@AssignedBy” attribute.

GradeName

A specific product name for which the owner or source is specified in the “@AssignedBy” attribute (for example, ImprovedNewsprint-45-1479).

Identifier

Identifier of the individual item.

ISBN10

10 digit ISBN code without dashes.

ISBN10Dash

10 digit ISBN code with dashes**.**

ISBN13

13 digit ISBN code.

ISBN13Dash

A 13 character ISBN with dashes.

LotIdentifier

A unique code used to identify a grouping of product with one set of quality statistics common to all members of that group. Synonym: Lot Number.

PartNumber

An equivalent to the Stock Keeping Unit (SKU) for which the owner or source is specified in the "@AssignedBy" attribute. In other words, this code fully defines the product.

PlainText

To be removed in a future version. Use instead "ReferenceNumber".

PrintingNumber

A reference to the sequential print run number.

ProductIdentifier

To be removed in a future version. Use instead specific product identifier types such as BrandName, GradeCode, GradeName and PartNumber.

ProfitCenter

Profit Center identifier.

PublisherName

Name of the publisher of a document

PubName

The publication name.

PurchaseOrderNumber

The unique order identifier as designated by the customer.

PurchaseOrderReference

To be removed in a future version. Use instead "ReferenceNumber".

ReferenceNumber

An informational reference (either textual or numeric) for which the owner or source is specified in the "@AssignedBy" attribute

RetailPrice

Cover price of the finished product.

TambourID

The unique identifier of the jumbo reel (also called mother reel or Tambour).

Title

Proper title of a book product.

TitleAlias

Alternate title description for book products, usually for security purposes.

UnitsPerCarton

Number of units per box.

UniversalProductIdentifier

Unique identifier for the book, component of a book product, and many other products.

VendorBrandName

To be removed in a future version. Use instead “BrandName” and specify owner or source is in the “@AssignedBy” attribute with enumeration “Seller”.

VendorGradeCode

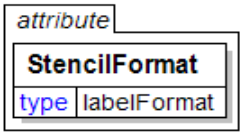
To be removed in a future version. Use instead “GradeCode” and specify owner or source is in the “@AssignedBy” attribute with enumeration “Seller”.

VendorGradeName

To be removed in a future version. Use instead “GradeName” and specify owner or source is in the “@AssignedBy” attribute with enumeration “Seller”.

StencilFormat [attribute]

Specifies how the information is to be presented in the stencil



This item is restricted to the following list.

Barcode

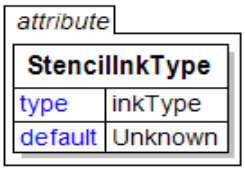
The information requested is to be stenciled as a barcode

Text

The information requested is to be stenciled in plain text.

StencilInkType [attribute]

Specifies the characteristics of the ink to be used for the stencil



This item is restricted to the following list.

EdibleNotWaterSoluble

The ink used is suitable for human consumption but will not dissolve in water.

EdibleWaterSoluble

The ink used is suitable for human consumption and is soluble in water.

InedibleNotWaterSoluble

The ink used is not suitable for human consumption and will not dissolve in water.

InedibleWaterSoluble

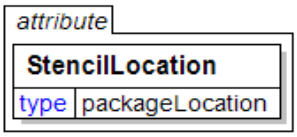
The ink used is not suitable for human consumption and is soluble in water.

Unknown

he characteristics of the ink used for the stencil are unknown.

StencilLocation [attribute]

Specifies the location of the stencil on the product



This item is restricted to the following list.

End

The stencil is to be placed on the end of the product. E.g. on the end of a pallet, box, bale or reel.

Top

The stencil is to be placed on the top of the product. E.g. on the top of a pallet, box, bale or reel.

Side

The stencil is to be placed on the side of the product. E.g. on the side of a pallet, box or bale.

UnwrappedReelBilge

The stencil is to be placed on the unwrapped (bare) reel bilge (side).

UnwrappedReelEnd

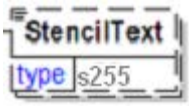
The stencil is to be placed on the unwrapped (bare) end of a reel.

WrappedReelBilge

The stencil is to be placed on the outside of the wrapper on a reel.

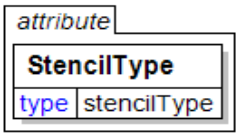
StencilText

Plain text that is to be stenciled on the product. Used in conjunction with StencilContent = “PlainText”.



StencilType [attribute]

The type of stencil



This item is restricted to the following list.

CutOut

The stencil is a cut out.

InkJet

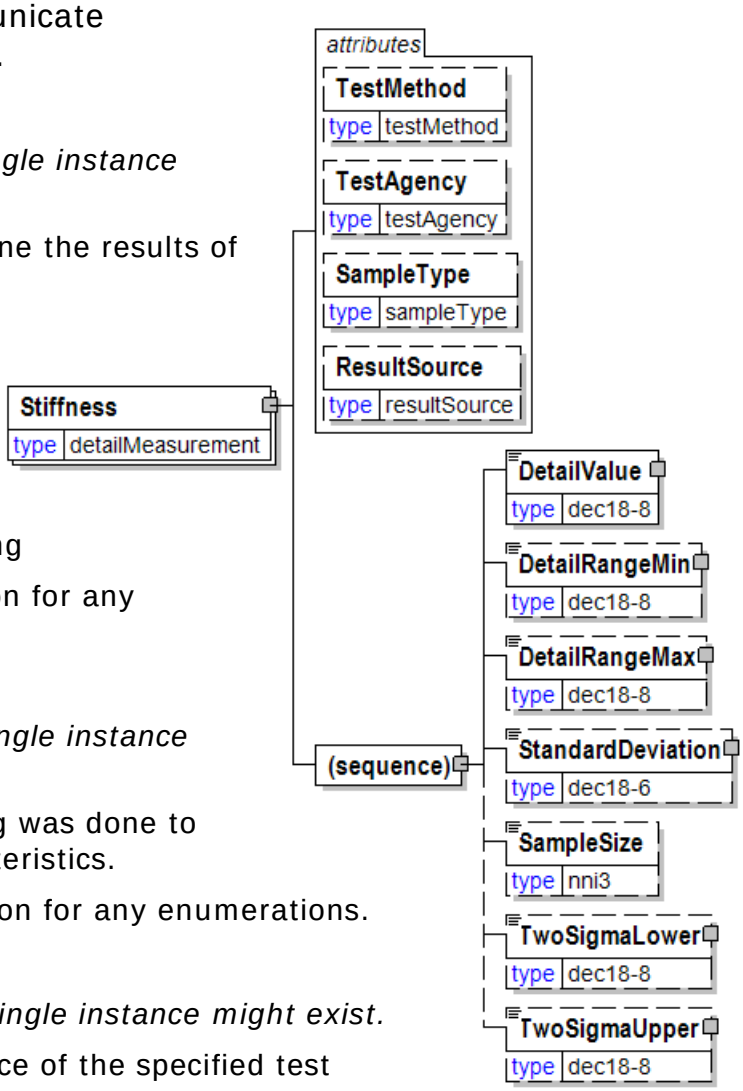
The stencil is ink jetted.

Rubber

The stencil is made of rubber.

Stiffness

A group item used to communicate stiffness target or test value.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

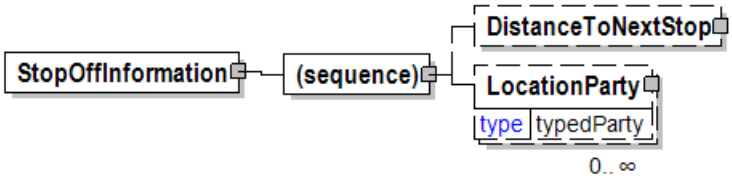
Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

StopOffInformation

Where is the shipment and how far to the next stop.

(sequence)

The sequence of items below is mandatory. A single instance is required.



DistanceToNextStop

DistanceToNextStop is optional. A single instance might exist.

The distance to the next transportation node.

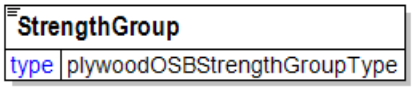
LocationParty

LocationParty is optional. Multiple instances might exist.

The organization or business entity where the business event took place or will take place.

StrengthGroup

As defined in the NIST standard, an additional classification of panel strength.



This item is restricted to the following list.

Class-I

Class-II

Group1

Group2

Group3

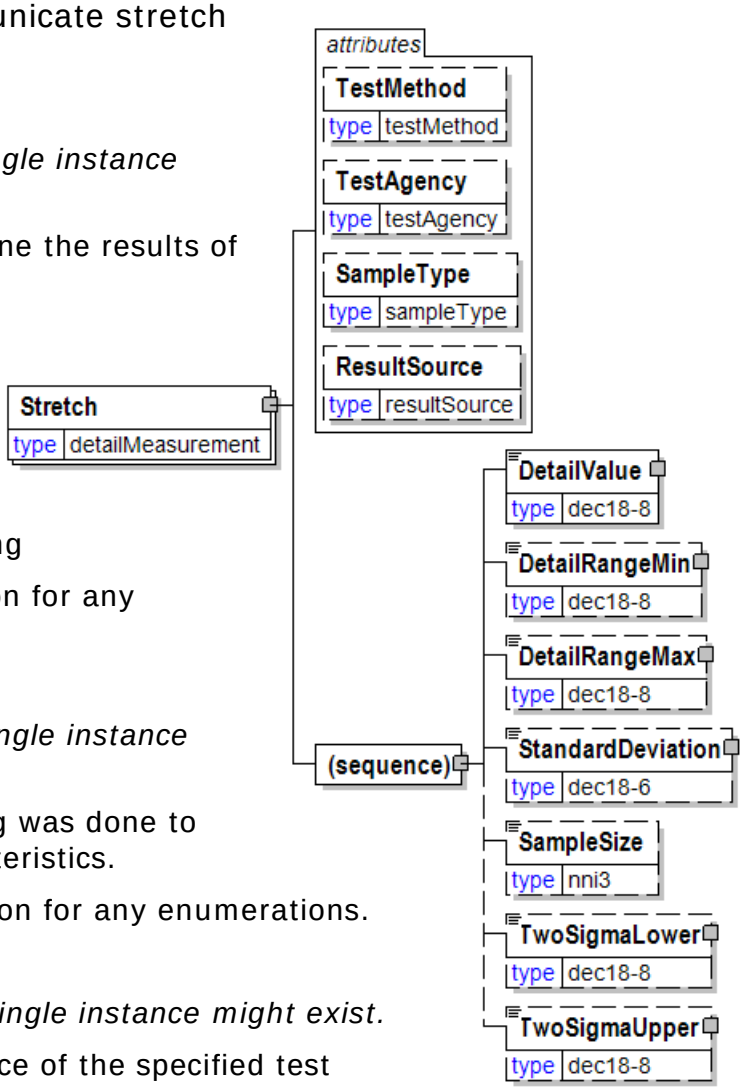
Group4

Struc-I

Decorative

Stretch

A group item used to communicate stretch target or test value.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

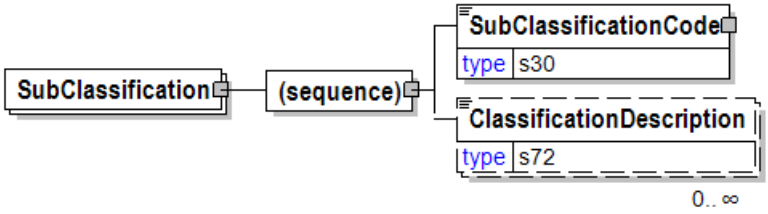
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

SubClassification

SubClassification provides additional classification information.



(sequence)

The sequence of items below is mandatory. A single instance is required.

SubClassificationCode

SubClassificationCode is mandatory. A single instance is required.

Sub Classification Code

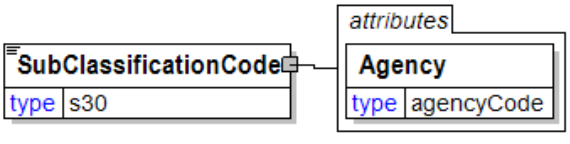
ClassificationDescription

ClassificationDescription is optional. Multiple instances might exist.

A free form description of the classification.

SubClassificationCode

Sub Classification Code



Agency [attribute]

Agency is mandatory. A single instance is required.

Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

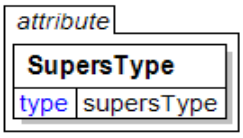
SupersType [attribute]

Supers Type

This item is restricted to the following list.

Ribbed

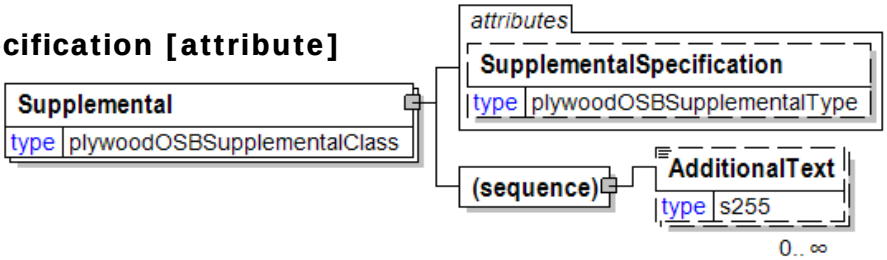
Regular



Supplemental

Supplemental

SupplementalSpecification [attribute]



SupplementalSpecification is optional. A single instance might exist.

Supplemental specification

Refer to SupplementalSpecification definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

SupplementalSpecification [attribute]

Supplemental specification

This item is restricted to the following list.

EdgeSealed

Overlay-1Side

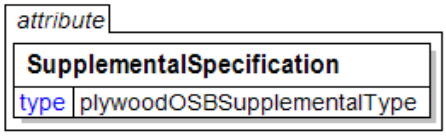
Overlay-2Side

B-X-band

Plugged-X-Band

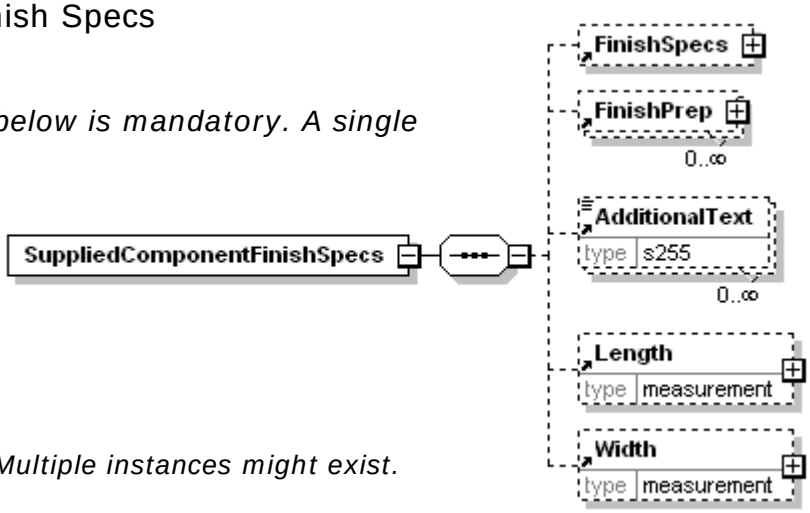
PluggedInnerPlies

Solid inner plies.



SuppliedComponentFinishSpecs

Supplied Component Finish Specs



(sequence)

The sequence of items below is mandatory. A single instance is required.

FinishSpecs

FinishSpecs is optional. A single instance might exist.

Finish specifications

FinishPrep

FinishPrep is optional. Multiple instances might exist.

Finish prep

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

Length

Length is optional. A single instance might exist.

The length of the object.

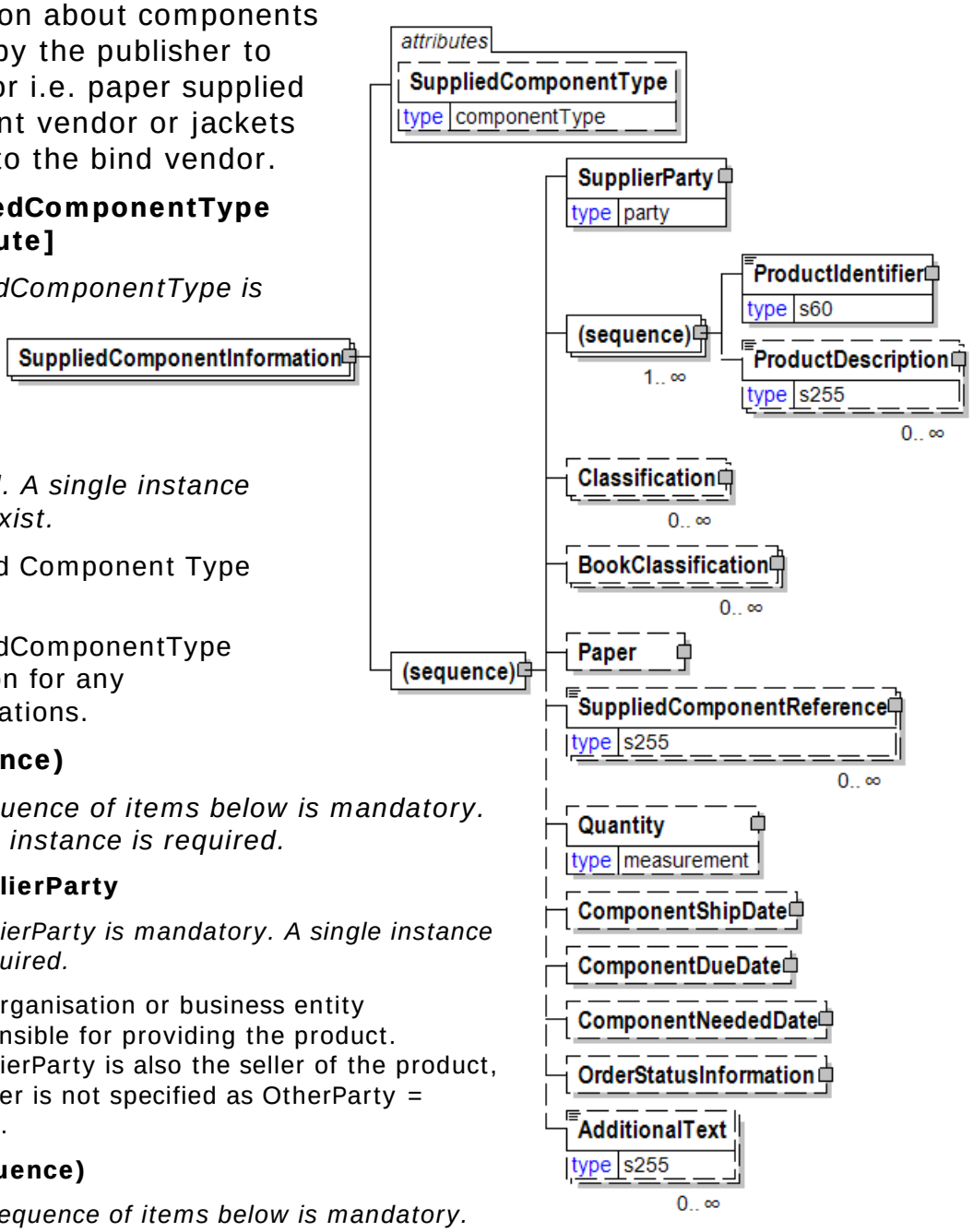
Width

Width is optional. A single instance might exist.

The width of the object.

SuppliedComponentInformation

Information about components supplied by the publisher to the vendor i.e. paper supplied to the print vendor or jackets supplied to the bind vendor.



SuppliedComponentType [attribute]

SuppliedComponentType is optional. A single instance might exist.

Supplied Component Type

Refer to SuppliedComponentType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

SupplierParty

SupplierParty is mandatory. A single instance is required.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

(sequence)

The sequence of items below is mandatory. One instance is required, multiple instances might exist.

ProductIdentifier

ProductIdentifier is mandatory. A single instance is required.

Used to communicate the code of the article, in a variety of formats designated by the type.

ProductDescription

ProductDescription is optional. Multiple instances might exist.

An element used to communicate a human readable description of the product in the language specified by the Language attribute.

Classification

Classification is optional. Multiple instances might exist.

A group item that details the product classification according to a particular organization's scheme. An item across multiple classifications would still be recognized as the same item. Examples of some product classifications are: Containerboard, Pulp-Dissolving, or Newsprint.

BookClassification

BookClassification is optional. Multiple instances might exist.

Category under which the product or a component within the product is classified.

Paper

Paper is optional. A single instance might exist.

A group item defining the characteristics of the paper product.

SuppliedComponentReference

SuppliedComponentReference is optional. Multiple instances might exist.

Used to send component PurchaseOrder number for supplied components if they need to be returned on a invoice

Quantity

Quantity is optional. A single instance might exist.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

ComponentShipDate

ComponentShipDate is optional. A single instance might exist.

Date supplied component is expected to ship

ComponentDueDate

ComponentDueDate is optional. A single instance might exist.

Date supplied component is expected to arrive

ComponentNeededDate

ComponentNeededDate is optional. A single instance might exist.

Date the supplied component is needed by the vendor in order to make the due date of the ordered product.

OrderStatusInformation

OrderStatusInformation is optional. A single instance might exist.

A group element that stores two levels of order status codes.

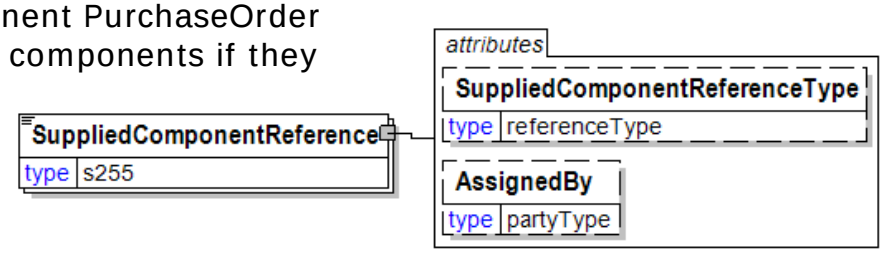
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

SuppliedComponentReference

Used to send component PurchaseOrder number for supplied components if they need to be returned on a invoice



SuppliedComponentReferenceType [attribute]

SuppliedComponentReferenceType is optional. A single instance might exist.

SuppliedComponentReferenceType provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Customer”, “Seller”, and/or “Supplier”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to SuppliedComponentReferenceType definition for any enumerations.

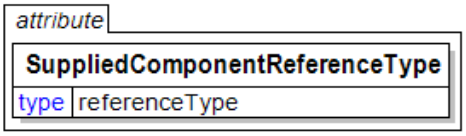
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

SuppliedComponentReferenceType [attribute]



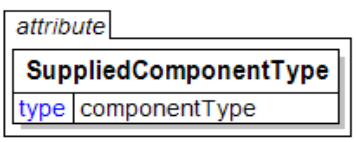
SuppliedComponentReferenceType provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Customer”, “Seller”, and/or “Supplier”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

SuppliedComponentType [attribute]

Supplied Component Type

This item is restricted to the following list.

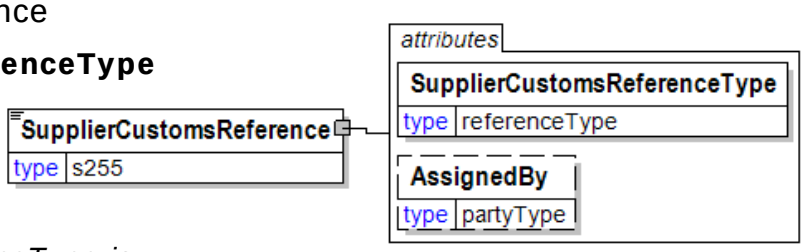


Component

RawMaterial

SupplierCustomsReference

Supplier Customs Reference



SupplierCustomsReferenceType [attribute]

SupplierCustomsReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to SupplierCustomsReferenceType definition for any enumerations.

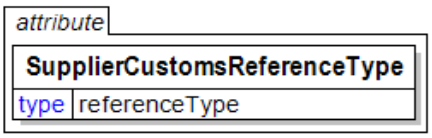
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

SupplierCustomsReferenceType [attribute]

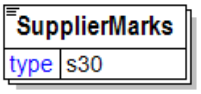


Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

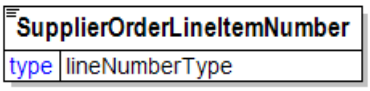
SupplierMarks

Supplier provided markings.



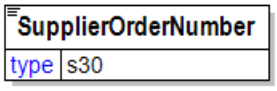
SupplierOrderLineItemNumber

The number of the line item on the supplier order.



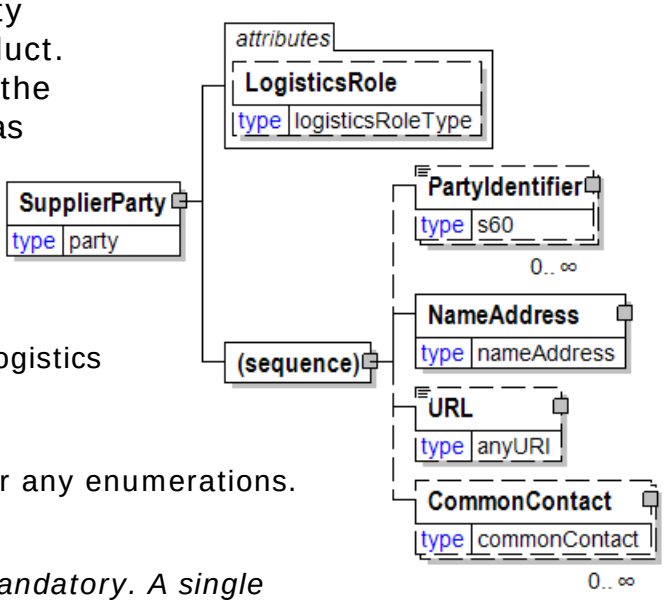
SupplierOrderNumber

The number of the supplier order.



SupplierParty

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.



LogisticsRole [attribute]

LogisticsRole is optional. A single instance might exist.

Communicates the nature of the logistics role, if any, the party plays in the transaction.

Refer to LogisticsRole definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

PartyIdentifier

PartyIdentifier is optional. Multiple instances might exist.

A unique identifier of a specific party. This element contains an attribute PartyIdentifierType that indicates the type of party.

NameAddress

NameAddress is mandatory. A single instance is required.

A group item containing name and address of an organisation or business entity.

URL

URL is optional. A single instance might exist.

Universal Resource Locator. While typically a web address you could use this field to hold an email address.

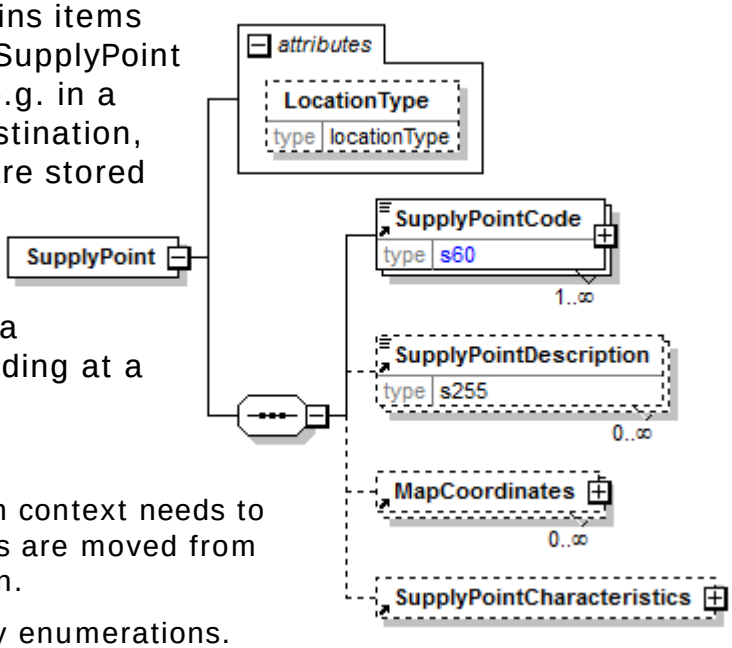
CommonContact

CommonContact is optional. Multiple instances might exist.

Identifies a specific individual associated with the party.

SupplyPoint

Grouping element that contains items describing a supply point. A SupplyPoint belongs to a LocationParty, e.g. in a DeliveryOrigin or DeliveryDestination, and describes where goods are stored and can be loaded or unloaded. A SupplyPoint can for example be a loading or unloading gate at a warehouse or a road side landing at a logging area in the forest.



LocationType [attribute]

Defines type of location when context needs to be specified, e.g. when goods are moved from one location to a new location.

Refer to LocationType for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

SupplyPointCode

SupplyPointCode is mandatory. One instance is required, multiple instances might exist.

Identification of the supply point.A code used to identify a SupplyPoint belonging to a LocationParty.

SupplyPointDescription

SupplyPointDescription is optional. Multiple instances might exist.

A free form description of a SupplyPoint.

MapCoordinates

MapCoordinates is optional. Multiple instances might exist.

A group item defining and containing position co-ordinates of a location.

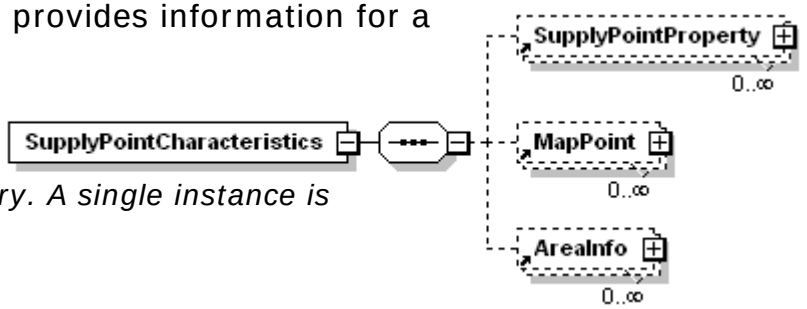
SupplyPointCharacteristics

SupplyPointCharacteristics is optional. A single instance might exist.

A grouping element that provides information for a supply point

SupplyPointCharacteristics

A grouping element that provides information for a supply point.



(sequence)

The sequence of items below is mandatory. A single instance is required.

SupplyPointProperty

SupplyPointProperty is optional. Multiple instances might exist.

A grouping element that contains a specification of a property for a supply point.

MapPoint

MapPoint is optional. Multiple instances might exist.

A grouping element for items describing a point on a map. A mappoint is normally named waypoint in a GPS.

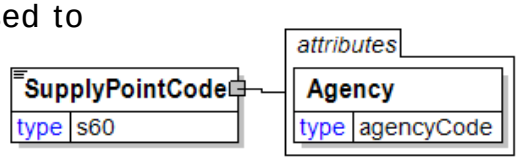
AreaInfo

AreaInfo is optional. Multiple instances might exist.

A grouping element that contains information about an area, e.g. an area belonging to a location.

SupplyPointCode

Identification of the supply point.A code used to identify a SupplyPoint belonging to a LocationParty.



Agency [attribute]

Agency is mandatory. A single instance is required.

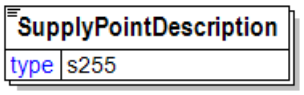
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

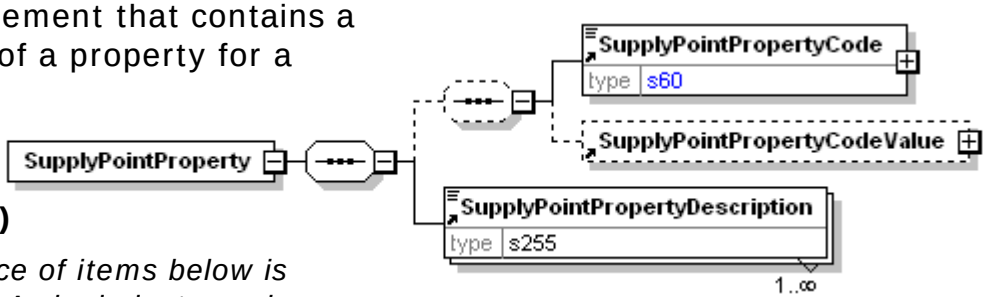
SupplyPointDescription

A free form description of a SupplyPoint.



SupplyPointProperty

A grouping element that contains a specification of a property for a supply point.



(sequence)

The sequence of items below is mandatory. A single instance is required.

(sequence)

The sequence of items below is optional. A single instance might exist.

SupplyPointPropertyCode

SupplyPointPropertyCode is mandatory. A single instance is required.

A code defining a property for a supply point.

SupplyPointPropertyCodeValue

SupplyPointPropertyCodeValue is optional. A single instance might exist.

A grouping element specifying a value belonging to a supply property code.

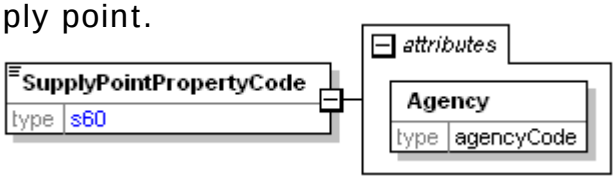
SupplyPointPropertyDescription

SupplyPointPropertyDescription is mandatory. One instance is required, multiple instances might exist.

A text description of a property for a supply point.

SupplyPointPropertyCode

A code defining a property for a supply point.



Agency [attribute]

Agency is mandatory. A single instance is required.

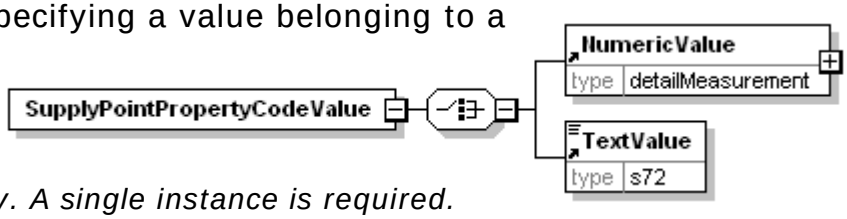
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

SupplyPointPropertyCodeValue

A grouping element specifying a value belonging to a supply property code.



(choice)

[choice] is mandatory. A single instance is required.

NumericValue

NumericValue is optional because of choice construct.

A grouping element for a numeric value and its statistical measures.

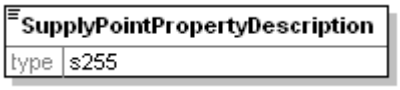
TextValue

TextValue is optional because of choice construct.

A value in text format.

SupplyPointPropertyDescription

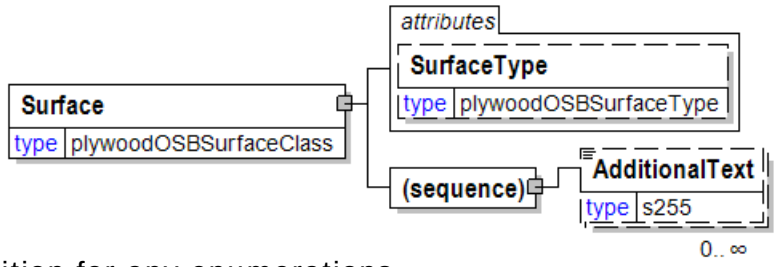
A text description of a property for a supply point.



Surface

SurfaceType [attribute]

SurfaceType is optional. A single instance might exist.



Refer to SurfaceType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

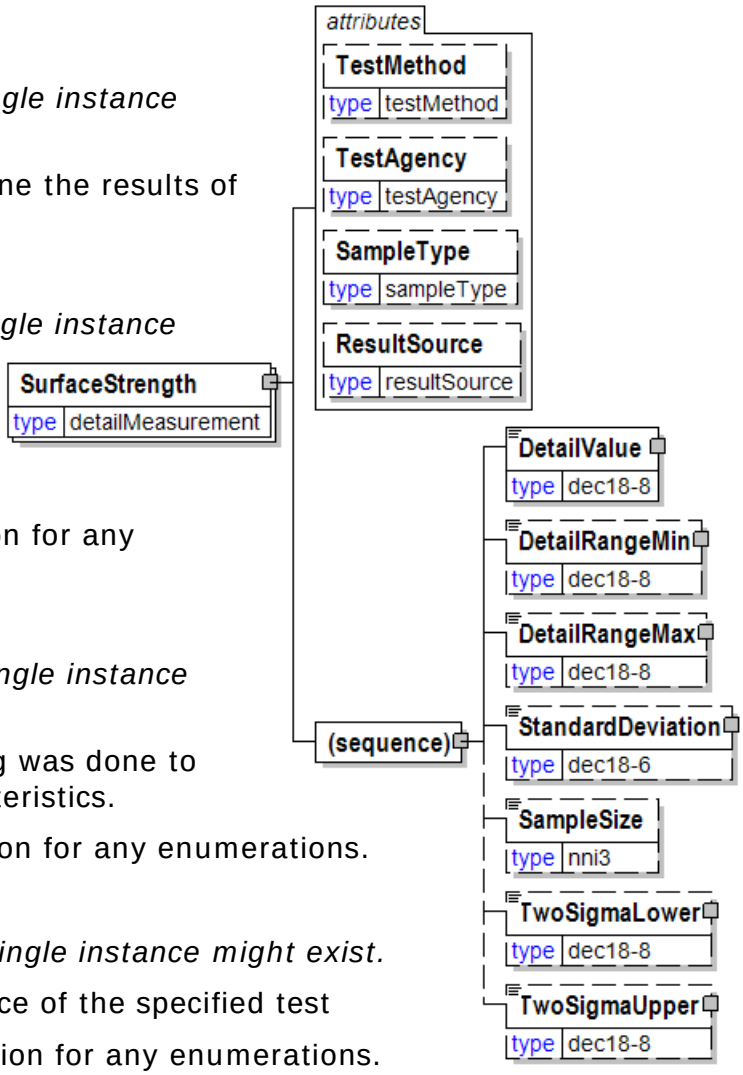
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

SurfaceStrength

Surface Strength



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

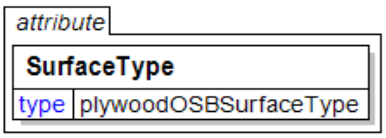
Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

SurfaceType [attribute]



This item is restricted to the following list.

Oiled

PluggedAndTouchSanded

Rough

RoughSawn

S1S

Side one sanded.

S2S

Side two sanded.

Sanded

ScratchSanded

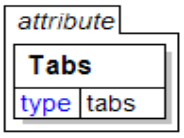
Smooth

TouchSanded

Unsanded

Tabs [attribute]

The type of tabs



This item is restricted to the following list.

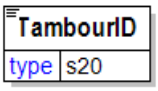
In

Out

None

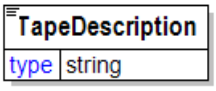
TambourID

The unique identifier of the jumbo reel (also called mother reel or Tambour).



TapeDescription

Tape description

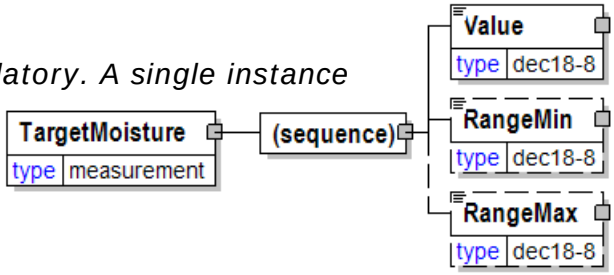


TargetMoisture

The moisture target for the product being specified.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

RangeMax

RangeMax is optional. A single instance might exist.

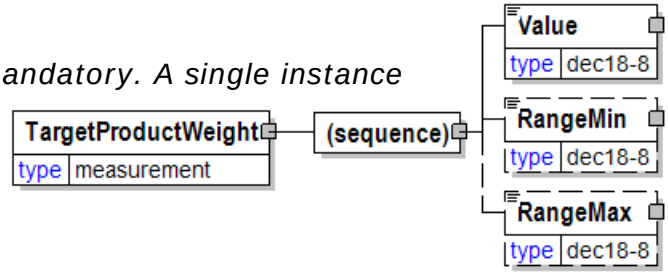
The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

TargetProductWeight

The desired weight of the finished product.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

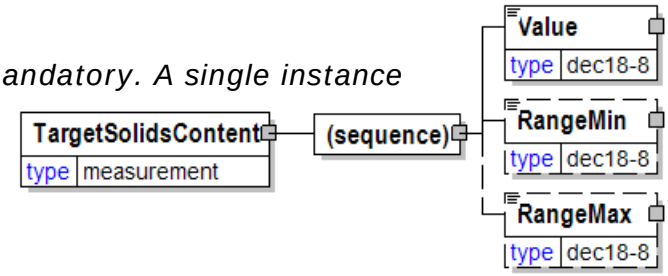
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

TargetSolidsContent

The target amount of solids for the slurry being produced.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

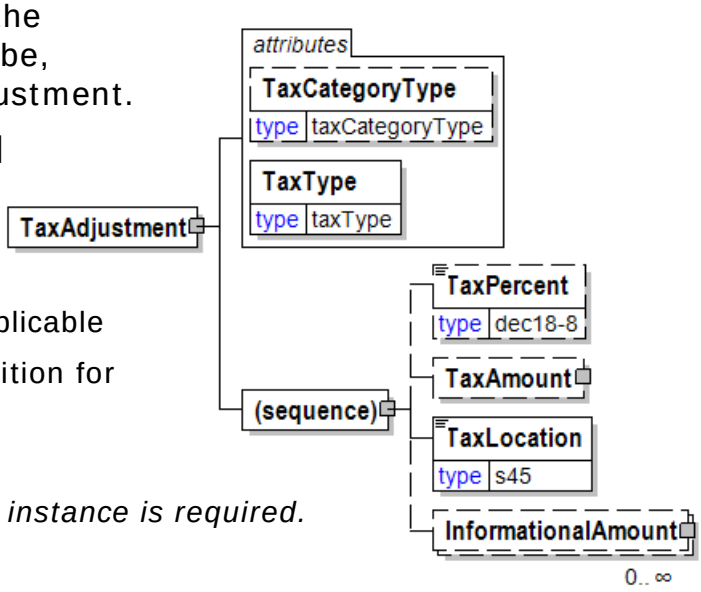
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

TaxAdjustment

This content element contains the necessary information to describe, calculate, and handle a tax adjustment.



TaxCategoryType [attribute]

TaxCategoryType is optional. A single instance might exist.

Used to indicate if the tax is applicable

Refer to TaxCategoryType definition for any enumerations.

TaxType [attribute]

TaxType is mandatory. A single instance is required.

Refer to TaxType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

TaxPercent

TaxPercent is optional. A single instance might exist.

The fixed tax percentage to be applied according to specific tax regulations.

The fixed tax percentage to be applied according to specific tax regulations.If the TaxCategoryType is “Zero” and there is a non-zero value in this element, the e-Document can be rejected by the receiver.

TaxAmount

TaxAmount is optional. A single instance might exist.

The monetary amount expressed in the currency of the tax applied. For the MonetaryAdjustmentLine the TaxAmount is equal to the TaxPercent multiplied by the MonetaryAdjustmentStartAmount.

TaxLocation

TaxLocation is mandatory. A single instance is required.

The location used to determine the tax. Can be a country, state, province, or city. Depends on the tax type and on buyer or ship-to location.

InformationalAmount

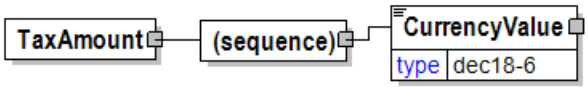
InformationalAmount is optional. Multiple instances might exist.

A monetary amount used for information purposes only (not for calculation). For example, the invoice price adjustment subtotal is expressed in sterling pounds, and the buyer wants this information expressed in U.S. dollars.

CreditDebitNote and Invoice - The TaxAmount is displayed in the currency that is applicable throughout the e-Document. When a TaxAmount needs to be displayed in a different national currency, this field is used.

TaxAmount

The monetary amount expressed in the currency of the tax applied. For the MonetaryAdjustmentLine the TaxAmount is equal to the TaxPercent multiplied by the MonetaryAdjustmentStartAmount.



(sequence)

The sequence of items below is mandatory. A single instance is required.

CurrencyValue

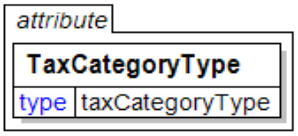
CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

TaxCategoryType [attribute]

Used to indicate if the tax is applicable

This item is restricted to the following list.



Exempt

Used when the party or product in question is tax exempt. For example, an item would not be taxed on the invoice because the buyer is tax exempt. Note: In this case, the TaxIdentifier of that party must be given in the PartyIdentifierType.

Standard

The tax is applicable in a standard manner.

Zero

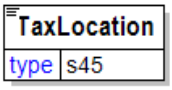
The tax related to a specific product is zero. This tax exemption is country specific. For example, newspapers are tax free in Belgium.

Other

Used for any other tax category that is not covered by this list.

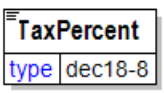
TaxLocation

The location used to determine the tax. Can be a country, state, province, or city. Depends on the tax type and on buyer or ship-to location.



TaxPercent

The fixed tax percentage to be applied according to specific tax regulations.

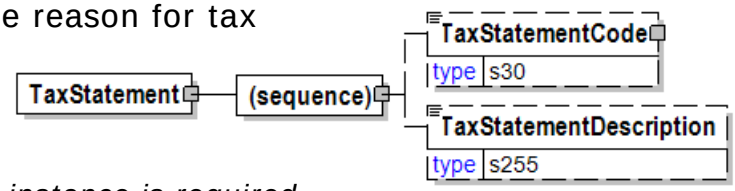


The fixed tax percentage to be applied according to specific tax regulations.If the TaxCategoryType is “Zero” and there is a non-zero value in this element, the e-Document can be rejected by the

receiver.

TaxStatement

A group element for declaration of exception from normal charges of tax and the reason for tax exemption.



(sequence)

The sequence of items below is mandatory. A single instance is required.

TaxStatementCode

TaxStatementCode is optional. A single instance might exist.

A code defining exception from normal charges of tax and the reason for tax exemption.

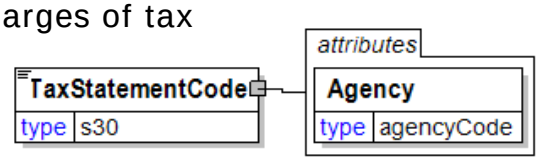
TaxStatementDescription

TaxStatementDescription is optional. A single instance might exist.

Free-form text used to define the reason for tax exemption.

TaxStatementCode

A code defining exception from normal charges of tax and the reason for tax exemption.



Agency [attribute]

Agency is mandatory. A single instance is required.

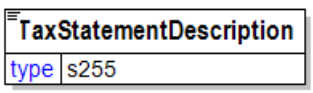
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

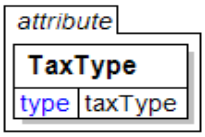
Refer to Agency definition for any enumerations.

TaxStatementDescription

Free-form text used to define the reason for tax exemption.



TaxType [attribute]



This item is restricted to the following list.

Federal

The federal government tax.

GST

The goods and services tax.

Harmonised

A group of taxes have been put together to form one tax rate. For example, Harmonised = provincial/state + federal.

Local

A local tax, such as a country-specific tax.

StateOrProvincial

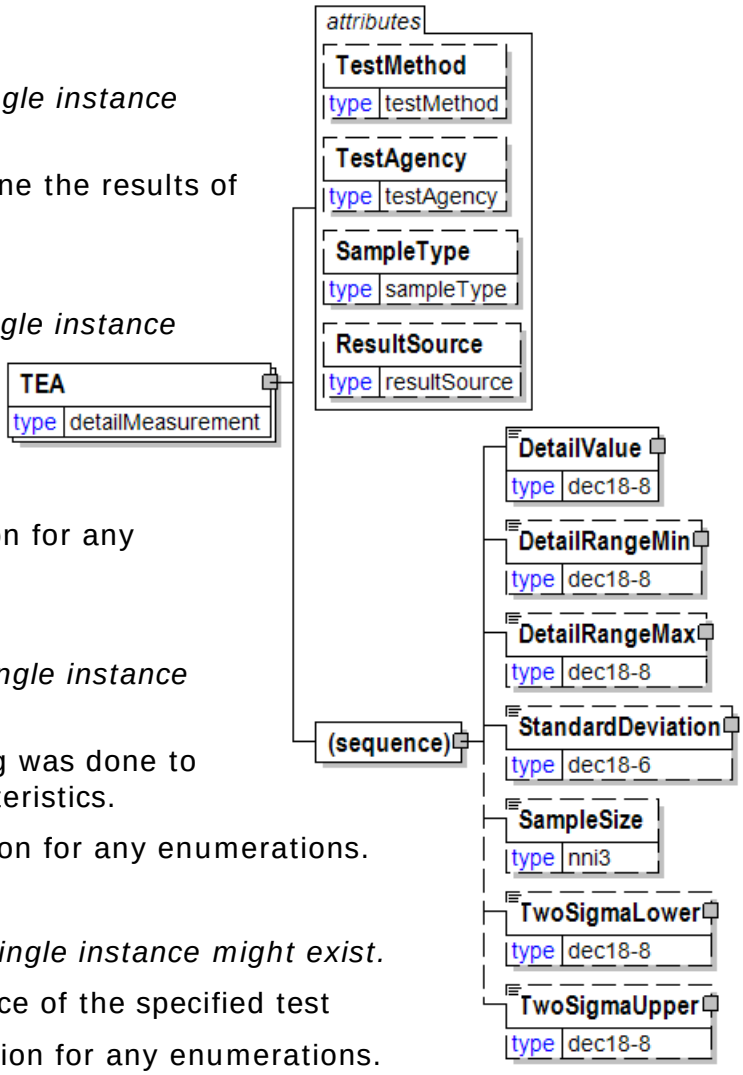
The local government tax.

VAT

The value-added tax.

TEA

Tensile Energy Absorption.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

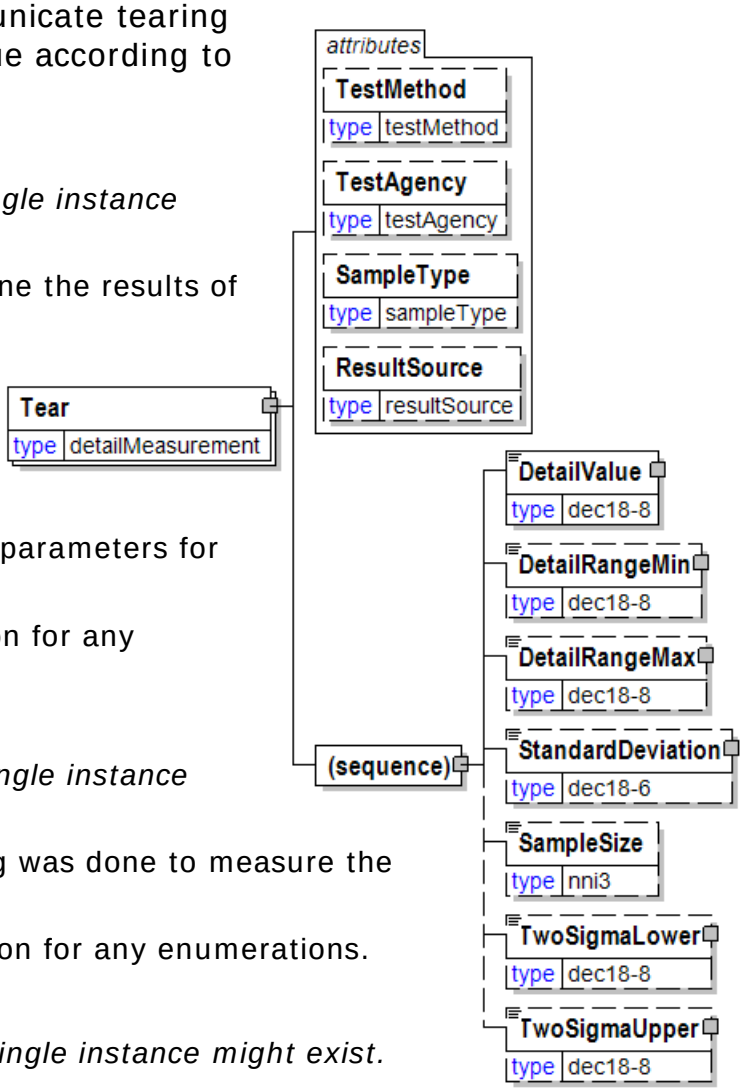
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

Tear

A group item used to communicate tearing resistance target or test value according to a particular TestMethod.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

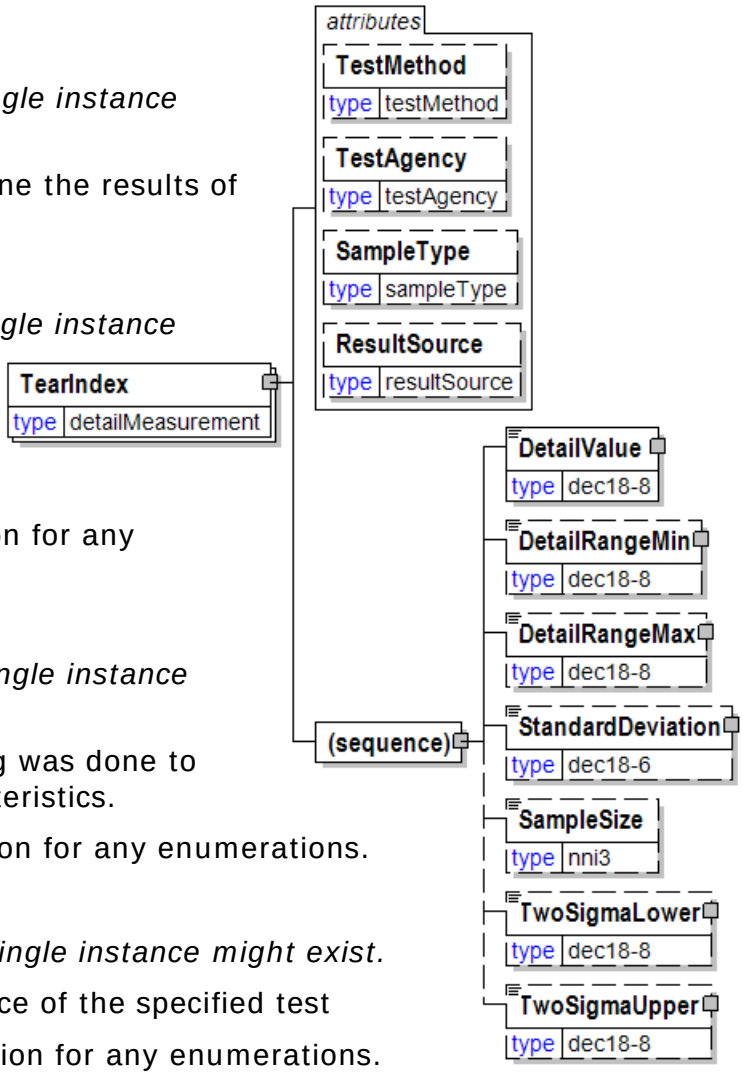
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

TearIndex

TearIndex



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

TearStripType [attribute]

Tear Strip Type



This item is restricted to the following list.

Clear

The tear strip is clear.

Gold

The tear strip is gold coloured.

Red

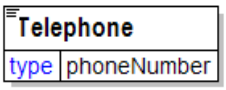
The tear strip is red coloured.

Other

Another colour is used.

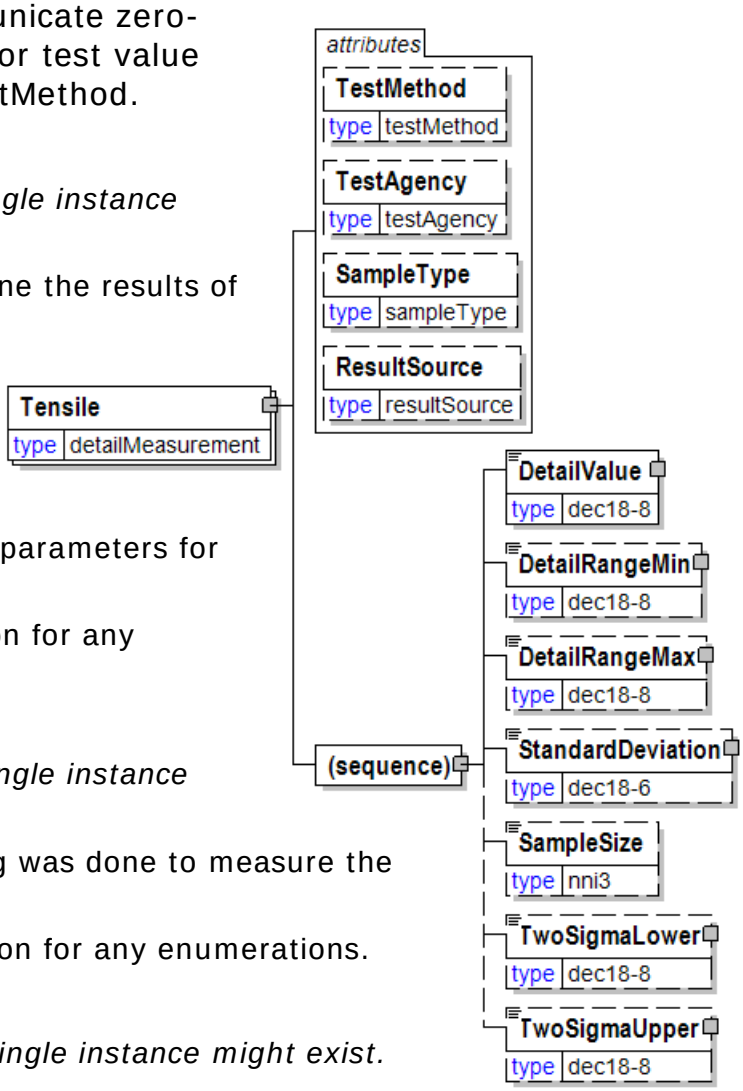
Telephone

The business phone number of the individual associated with the ContactName.



Tensile

A group item used to communicate zero-span tensile strength target or test value according to a particular TestMethod.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

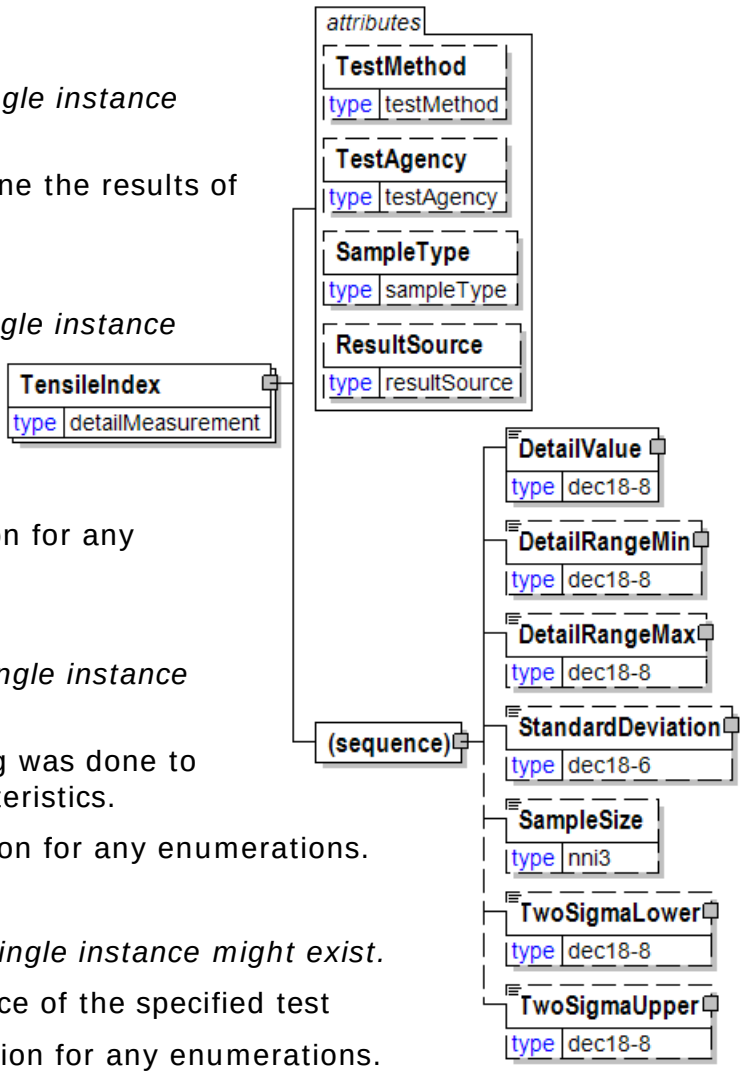
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

TensileIndex

Tensile Index



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

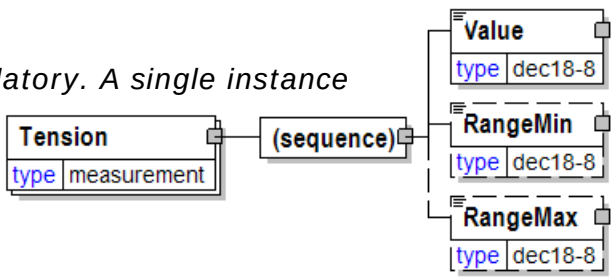
Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

Tension

Tension of the web on the printing press.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

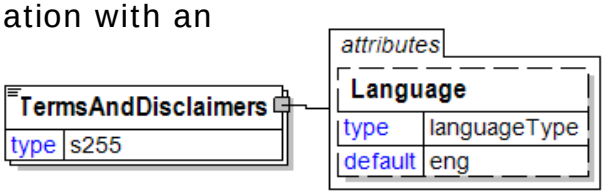
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

TermsAndDisclaimers

An element that contains legal information with an indication of what the Language is.



Language [attribute]

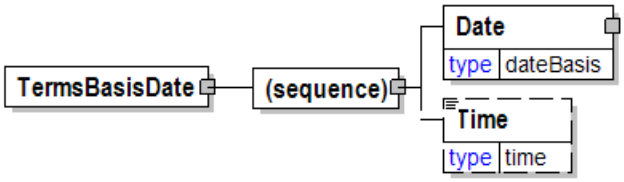
Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

TermsBasisDate

The Date and Time on which the terms-of-payment calculations are based.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

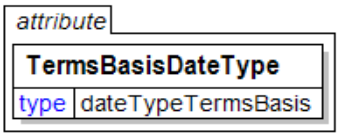
Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

TermsBasisDateType [attribute]

Indicates what date is being used as the terms basis.



This item is restricted to the following list.

BillOfLadingDate

The date of the Bill of Lading.

DefferedOrInstallmentDate

The date of the installment.

DeliveryDate

The date the delivery was made or received.

DespatchDate

The date the delivery was initiated.

EndOfDeliveryMonth

The end of the month during which delivery took place.

EndOfDespatchMonth

The end of the month during which despatch took place.

EndOfInvoiceMonth

The end of the month during which invoicing took place.

EndOfMonth

The end of the month.

EstimatedTimeOfArrival

Terms are based on the estimated time of arrival that exists when the terms are defined.

EstimatedTimeOfDeparture

Terms are based on the estimated time of departure.

ExtendedDate

FixedDate

The terms specify a fixed date.

FollowingMonthDate

InstantDate

InvoiceDate

A date that is qualifying the invoicing period. This date often drives payment terms. Note that this date is not necessarily the same as the issue date of the invoice.

InvoiceReceiptDate

The date the invoice was received.

InvoiceTransmissionDate

The date the invoice was transmitted.

LetterOfCreditExpirationDate

The date the letter of credit expires.

NnDaysAfterEndOfMonthDate

The date a fixed number of days after the end of the month.

OrderConfirmationDate

The date the PurchaseOrder was confirmed with a status of “Accepted”.

ProxDate

Proximo Date

PurchaseOrderDate

The date of the PurchaseOrder.

ReceivedDate

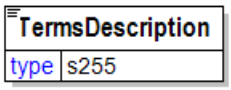
The date product was received.

ShipDate

The date product was shipped.

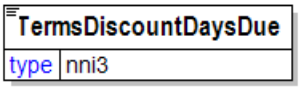
TermsDescription

A textual description of the terms of payment.



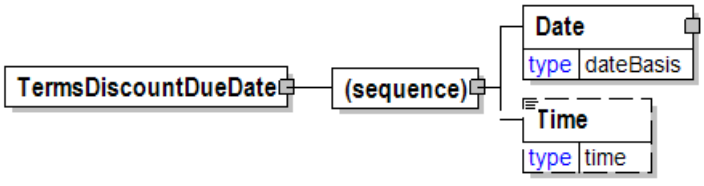
TermsDiscountDaysDue

The number of days during which the customer is allowed to deduct cash discounts from the date of TermsBasisDate.



TermsDiscountDueDate

The latest Date and Time on which the terms discount is still applicable.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss,

hh:mm:ssZ, or hh:mm:ss±hh:mm.

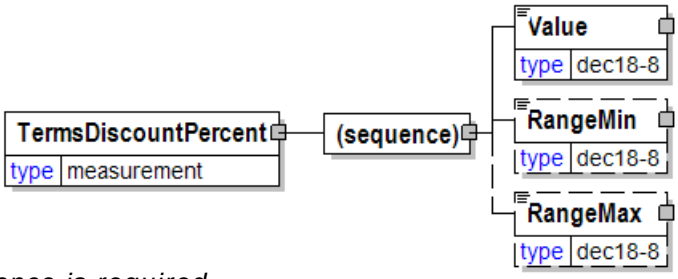
hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use "Z" when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

TermsDiscountPercent

The percentage taken away from the invoice line items; a result of the terms of payment.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

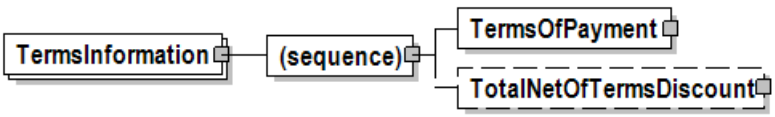
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

TermsInformation

An element that contains the term related information.



(sequence)

The sequence of items below is mandatory. A single instance is required.

TermsOfPayment

TermsOfPayment is mandatory. A single instance is required.

A group item that contains agreed-to terms defining when, how, and under what

conditions the payment is to be made.

When TermsOfPayment is optional; if omitted, TermsOfPayment is controlled through previous negotiation.

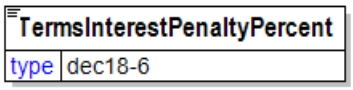
TotalNetOfTermsDiscount

TotalNetOfTermsDiscount is optional. A single instance might exist.

The components of the amount to be paid if prompt payment discount terms are met, including the amount that is subject to the payment terms discount, the discount amount, and the amount due after prompt payment discount.

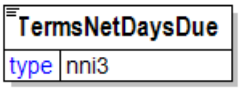
TermsInterestPenaltyPercent

The penalty associated with not meeting the terms discount parameters.



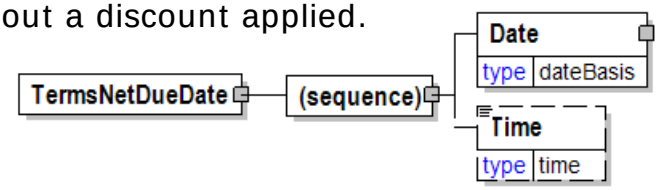
TermsNetDaysDue

The number of days until the full invoice amount is due on the seller‘s account without a discount applied.



TermsNetDueDate

The latest Date and Time on which the full invoice amount is due on the seller’s account without a discount applied.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

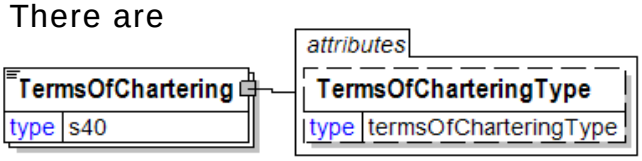
hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be

in discord with other users of XML.

TermsOfChartering

The terms of the vessel chartering. There are multiple types of TermsOfChartering that need to be specified. E.g.: Loading Terms and Unloading Terms



TermsOfCharteringType [attribute]

TermsOfCharteringType is optional. A single instance might exist.

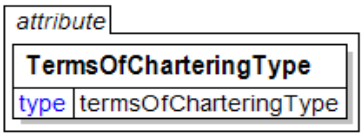
Terms of chartering type.

Refer to TermsOfCharteringType definition for any enumerations.

TermsOfCharteringType [attribute]

Terms of chartering type.

This item is restricted to the following list.



Loading

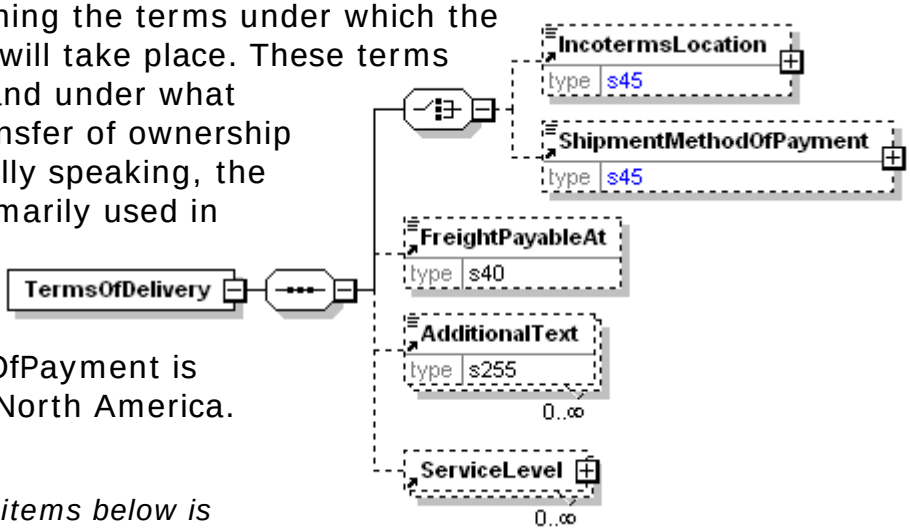
The charter terms apply to loading.

Unloading

The charter terms apply to unloading.

TermsOfDelivery

A group item defining the terms under which the delivery of goods will take place. These terms determine when and under what conditions the transfer of ownership will occur. Generally speaking, the Incoterms are primarily used in Europe, whereas the ShipmentMethodOfPayment is primarily used in North America.



(sequence)

The sequence of items below is mandatory. A single instance is required.

(choice)

[choice] is optional because of choice construct.

IncotermsLocation

IncotermsLocation is optional because of choice construct.

Place linked to terms of delivery showing the place where goods are to be delivered.

ShipmentMethodOfPayment

ShipmentMethodOfPayment is optional because of choice construct.

An element communicating responsibility of freight payment and when transfer of ownership will occur.

FreightPayableAt

FreightPayableAt is optional. A single instance might exist.

The location at which freight charges are calculated.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

ServiceLevel

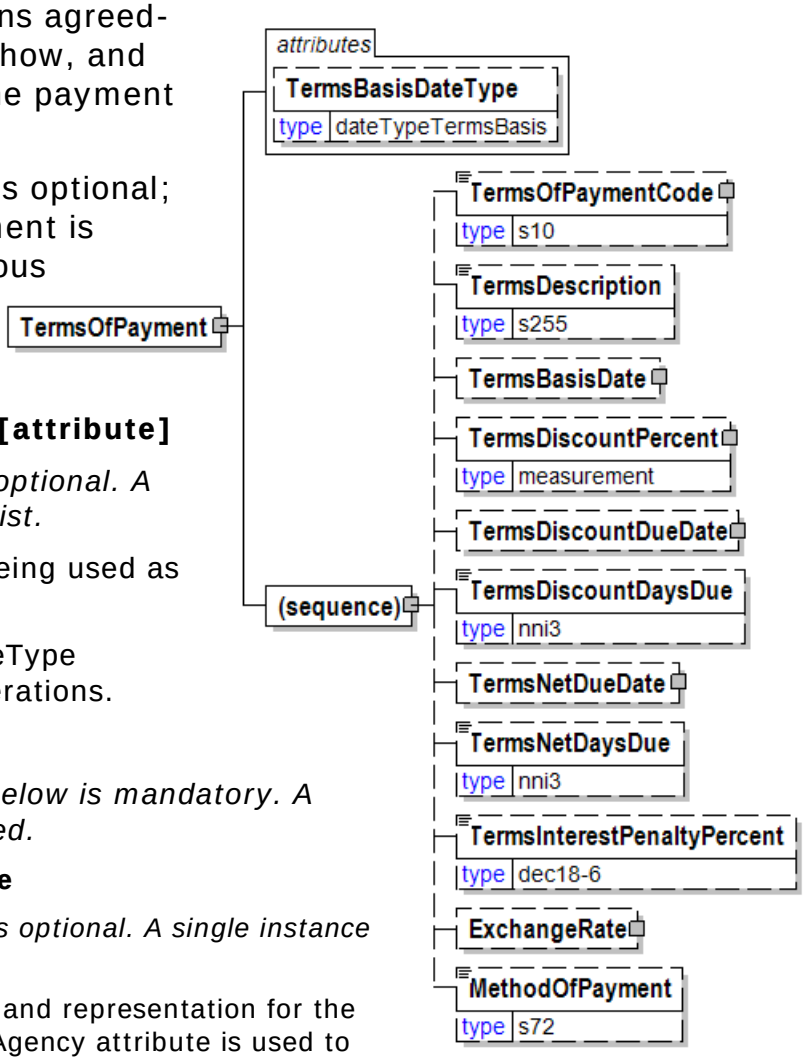
ServiceLevel is optional. Multiple instances might exist.

A grouping element containing information about a service level. The service level can be specified in a Service Level Agreement (SLA) detailing requirements such as delivery, performance, pricing, quality, etc.

TermsOfPayment

A group item that contains agreed-to terms defining when, how, and under what conditions the payment is to be made.

When TermsOfPayment is optional; if omitted, TermsOfPayment is controlled through previous negotiation.



TermsBasisDateType [attribute]

TermsBasisDateType is optional. A single instance might exist.

Indicates what date is being used as the terms basis.

Refer to TermsBasisDateType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

TermsOfPaymentCode

TermsOfPaymentCode is optional. A single instance might exist.

A code used as a shorthand representation for the TermsOfPayment. The Agency attribute is used to indicate the source of the code.

TermsDescription

TermsDescription is optional. A single instance might exist.

A textual description of the terms of payment.

TermsBasisDate

TermsBasisDate is optional. A single instance might exist.

The Date and Time on which the terms-of-payment calculations are based.

TermsDiscountPercent

TermsDiscountPercent is optional. A single instance might exist.

The percentage taken away from the invoice line items; a result of the terms of payment.

TermsDiscountDueDate

TermsDiscountDueDate is optional. A single instance might exist.

The latest Date and Time on which the terms discount is still applicable.

TermsDiscountDaysDue

TermsDiscountDaysDue is optional. A single instance might exist.

The number of days during which the customer is allowed to deduct cash discounts

from the date of TermsBasisDate.

TermsNetDueDate

TermsNetDueDate is optional. A single instance might exist.

The latest Date and Time on which the full invoice amount is due on the seller's account without a discount applied.

TermsNetDaysDue

TermsNetDaysDue is optional. A single instance might exist.

The number of days until the full invoice amount is due on the seller's account without a discount applied.

TermsInterestPenaltyPercent

TermsInterestPenaltyPercent is optional. A single instance might exist.

The penalty associated with not meeting the terms discount parameters.

ExchangeRate

ExchangeRate is optional. A single instance might exist.

The exchange rate as of the date included in the element.

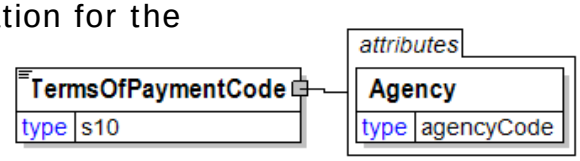
MethodOfPayment

MethodOfPayment is optional. A single instance might exist.

The manner in which payment is to be transmitted to the seller.

TermsOfPaymentCode

A code used as a shorthand representation for the TermsOfPayment. The Agency attribute is used to indicate the source of the code.



Agency [attribute]

Agency is mandatory. A single instance is required.

Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

TestAgency [attribute]

The agency that has set the parameters for the testing

This item is restricted to the following list.



ASTM

American Society for Testing and Materials.

BS

British Standards.

CIE

Vienna-based Commission Internationale de l'Eclairage.

DuPont

DuPont.

EN

European standards organisation.

GE

General Electric

ImageXpert

ImageXpert.

ISO

International Organisation for Standardization.

NS-EN

Norwegian Standards, European Standards.

PAPTAC

Pulp and Paper Technical Association of Canada

SCAN-test

SFS-EN

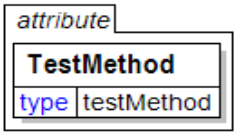
SS-EN

TAPPI

Technical Association for the Pulp and Paper Industry

TestMethod [attribute]

The method used to determine the results of the test under consideration.



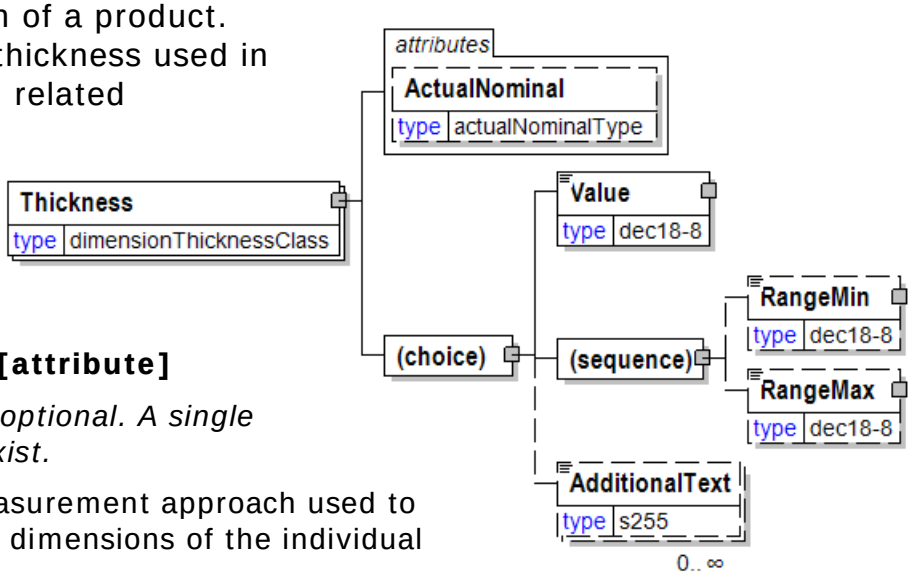
TextValue

A value in text format.



Thickness

Physical dimension of a product. The approach for thickness used in the timber/lumber related constructs.



ActualNominal [attribute]

ActualNominal is optional. A single instance might exist.

Indicates the measurement approach used to communicate the dimensions of the individual pieces.

Refer to ActualNominal definition for any enumerations.

(choice)

[choice] is optional because of choice construct.

Value

Value is optional because of choice construct.

A numeric value expressed in the unit of measure (UOM).

(sequence)

The sequence of items below is mandatory. A single instance is required.

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

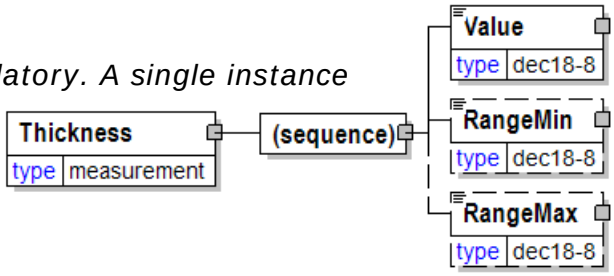
AdditionalText

AdditionalText is optional because of choice construct.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

Thickness

Physical dimension of a product.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

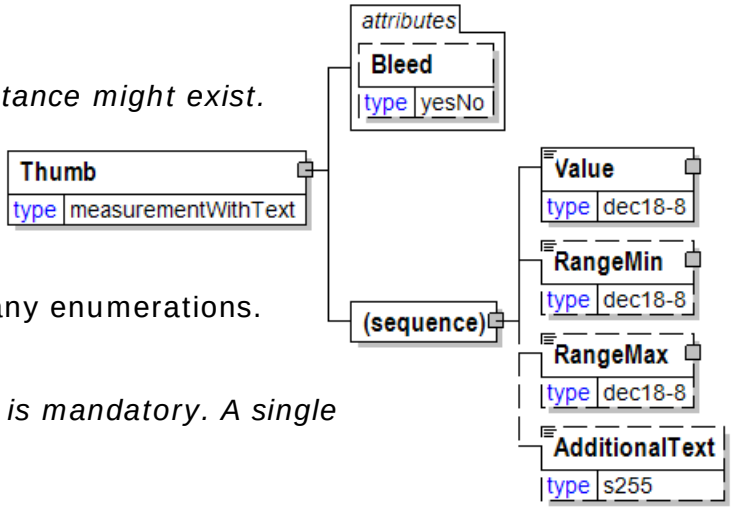
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

Thumb

Thumb.



Bleed [attribute]

Bleed is optional. A single instance might exist.

Specifies if the printing of an illustration, design, or text to the edge of the page.

Refer to Bleed definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

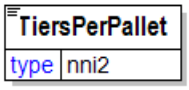
AdditionalText

AdditionalText is optional. A single instance might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

TiersPerPallet

The number of tiers on the pallet, where a tier is a layer of items.

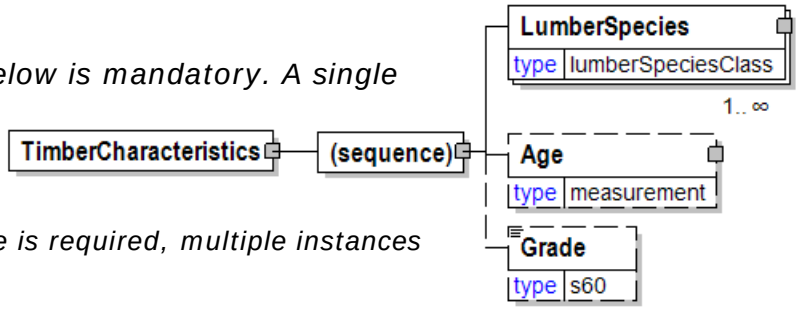


TimberCharacteristics

Timber characteristics

(sequence)

The sequence of items below is mandatory. A single instance is required.



LumberSpecies

LumberSpecies is mandatory. One instance is required, multiple instances might exist.

Specifies the raw material species.

Age

Age is optional. A single instance might exist.

Used to report the age of the wood.

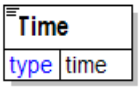
Grade

Grade is optional. A single instance might exist.

Grade

Time

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.



hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

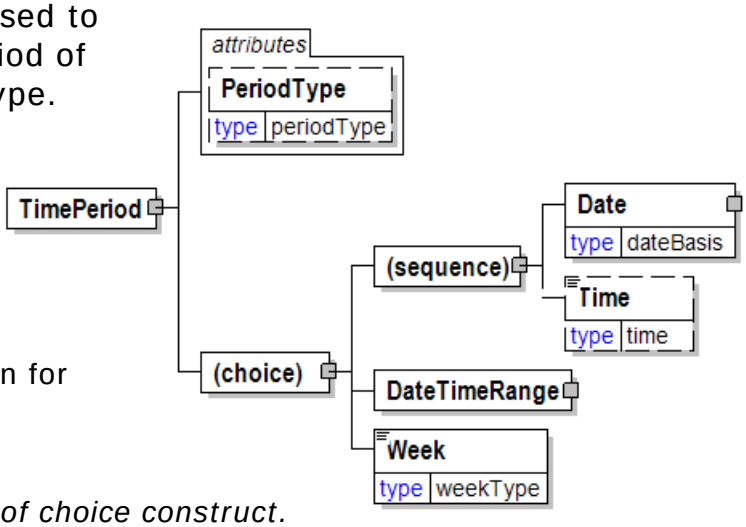
hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for

users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

TimePeriod

The TimePeriod element is used to communicate a duration period of time as indicated in PeriodType.



PeriodType [attribute]

PeriodType is optional. A single instance might exist.

Duration of time

Refer to PeriodType definition for any enumerations.

(choice)

[choice] is optional because of choice construct.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

DateTimeRange

DateTimeRange is optional because of choice construct.

Specifies a date and/or time range.

Week

Week is optional because of choice construct.

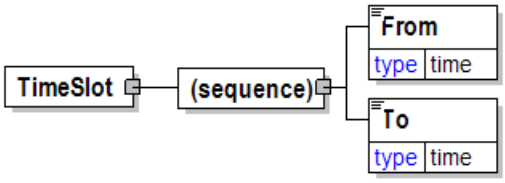
A field defining the week number of the calendar year. ISO 8601 is used as the basis for this element, “Week 01 of a year is the first week that has the Thursday in this year, which is equivalent to the week that contains the fourth day of January.”

TimeSlot

A period of time during which an activity can be scheduled.

(sequence)

The sequence of items below is mandatory. A single instance is required.



From

From is mandatory. A single instance is required.

The beginning point of a timeperiod.

To

To is mandatory. A single instance is required.

The ending point of a timeperiod.

TimeSlotAvailability [attribute]

Either "Yes" or "No".

This item is restricted to the following list.



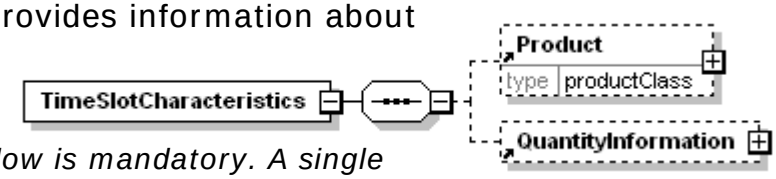
Yes

No

TimeSlotCharacteristics

A grouping element that provides information about a time slot.

(sequence)



The sequence of items below is mandatory. A single instance is required.

Product

Product is optional. A single instance might exist.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

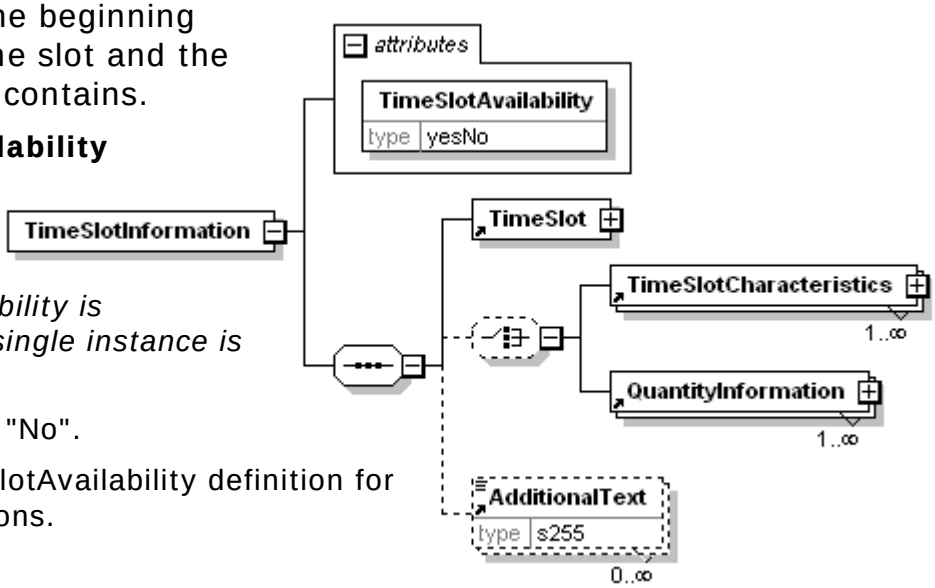
QuantityInformation

QuantityInformation is optional. A single instance might exist.

A group item containing information about quantity and informational quantity of similar items.

TimeSlotInformation

Description of the beginning and end of a time slot and the contingencies it contains.



TimeSlotAvailability [attribute]

TimeSlotAvailability is mandatory. A single instance is required.

Either "Yes" or "No".

Refer to TimeSlotAvailability definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

TimeSlot

TimeSlot is mandatory. A single instance is required.

A period of time during which an activity can be scheduled.

(choice)

The choice is optional. A single instance might exist.

TimeSlotCharacteristics

TimeSlotCharacteristics is mandatory. One instance is required, multiple instances might exist.

A grouping element that provides information about a time slot.

QuantityInformation

QuantityInformation is mandatory. One instance is required, multiple instances might exist.

A group item containing information about quantity and informational quantity of similar items.

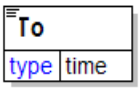
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

To

The ending point of a timeperiod.



ToProduct

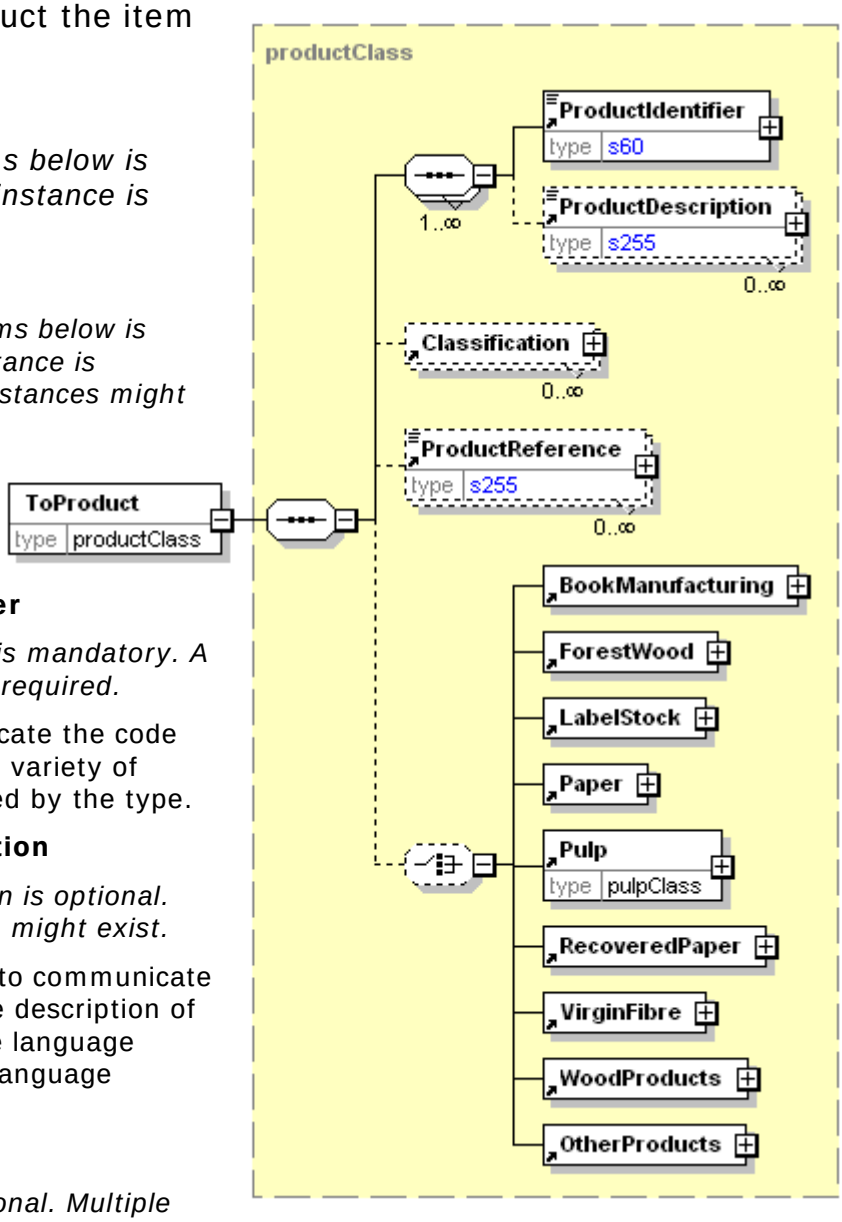
Defines to which product the item is downgraded.

(sequence)

The sequence of items below is mandatory. A single instance is required.

(sequence)

The sequence of items below is mandatory. One instance is required, multiple instances might exist.



ProductIdentifier

ProductIdentifier is mandatory. A single instance is required.

Used to communicate the code of the article, in a variety of formats designated by the type.

ProductDescription

ProductDescription is optional. Multiple instances might exist.

An element used to communicate a human readable description of the product in the language specified by the Language attribute.

Classification

Classification is optional. Multiple instances might exist.

A group item that details the product classification according to a particular organization's scheme. An item across multiple classifications would still be recognized as the same item. Examples of some product classifications are: Containerboard, Pulp-Dissolving, or Newsprint.

(choice)

[choice] is optional because of choice construct.

BookManufacturing

BookManufacturing is optional because of choice construct.

BookManufacturing is a group element that contains the elements that describe the book manufacturing process.

ForestWood

ForestWood is optional because of choice construct.

A grouping element with information about characteristics for Forest Wood products.

LabelStock

LabelStock is optional because of choice construct.

LabelStock contains the attributes and characteristics that define the label stock product.

Paper

Paper is optional because of choice construct.

A group item defining the characteristics of the paper product.

Pulp

Pulp is optional because of choice construct.

A group item defining the characteristics of pulp that are not dependent on a particular conversion process.

RecoveredPaper

RecoveredPaper is optional because of choice construct.

A group item defining the characteristics of recycled fibre that are not dependent on a particular conversion process.

VirginFibre

VirginFibre is optional because of choice construct.

Virgin Fibre

WoodProducts

WoodProducts is optional because of choice construct.

A grouping element for all wood products.

OtherProducts

OtherProducts is optional because of choice construct.

A group item defining the characteristics of other products.

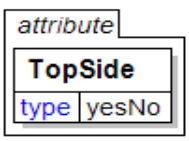
TopSide [attribute]

Either "Yes" or "No".

This item is restricted to the following list.

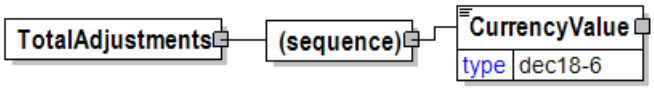
Yes

No



TotalAdjustments

The CurrencyValue of TotalAdjustments contains the total of all adjustments and charges excluding tax. For example, in the Invoice TotalAdjustments is equal to the sum of the signed values of the MonetaryAdjustmentAmount for all instances of MonetaryAdjustment with PriceAdjustment and FlatAmountAdjustment and plus the sum of the signed values of the ChargeNetAmount for all instances of ChargeInformation.



(sequence)

The sequence of items below is mandatory. A single instance is required.

CurrencyValue

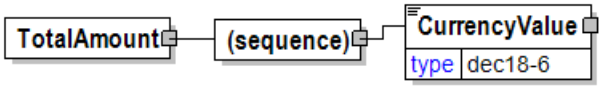
CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

TotalAmount

The total amount including tax (when tax is specified in the e-Document).

In e-Documents claiming payment this is the amount due for payment based on the terms of payment. Decimal rounding might be applied to this amount.



(sequence)

The sequence of items below is mandatory. A single instance is required.

CurrencyValue

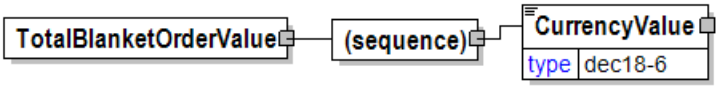
CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

TotalBlanketOrderValue

The authorized amount of the blanket PurchaseOrder.

(sequence)



The sequence of items below is mandatory. A single instance is required.

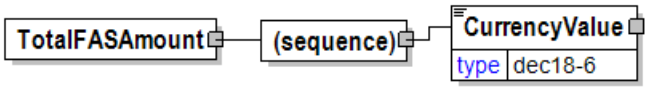
CurrencyValue

CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

TotalFASAmount

TotalFASAmount is the total Free Alongside Ship value.



(sequence)

The sequence of items below is mandatory. A single instance is required.

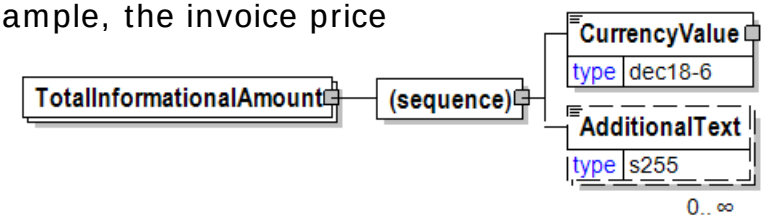
CurrencyValue

CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

TotalInformationalAmount

A monetary amount used for information purposes only (not for calculation). For example, the invoice price adjustment subtotal is expressed in sterling pounds, and the buyer wants this information expressed in U.S. dollars.



(sequence)

The sequence of items below is mandatory. A single instance is required.

CurrencyValue

CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

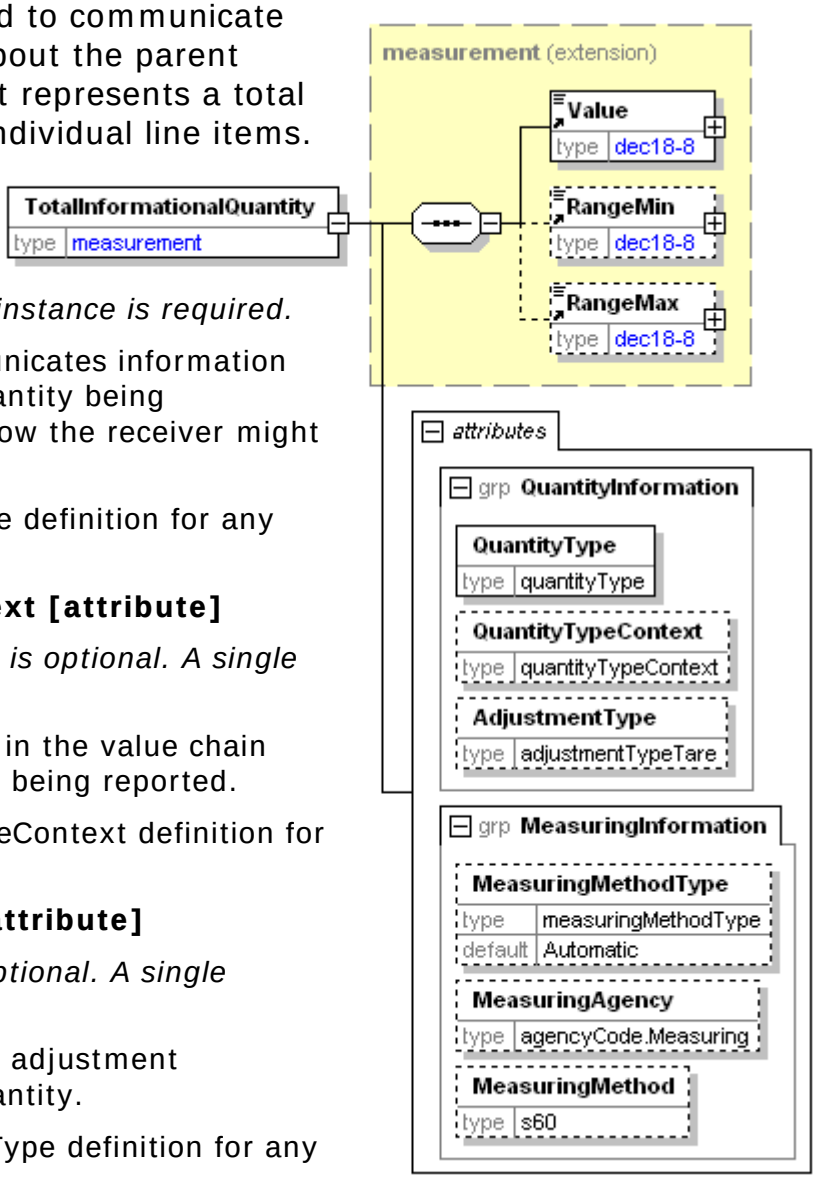
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

TotalInformationalQuantity

A quantity that is used to communicate related information about the parent element. This element represents a total that is derived from individual line items.



QuantityType [attribute]

QuantityType is mandatory. A single instance is required.

QuantityType communicates information about the type of quantity being communicated and how the receiver might use the information.

Refer to QuantityType definition for any enumerations.

QuantityTypeContext [attribute]

QuantityTypeContext is optional. A single instance might exist.

Provides the location in the value chain where the quantity is being reported.

Refer to QuantityTypeContext definition for any enumerations.

AdjustmentType [attribute]

AdjustmentType is optional. A single instance might exist.

Describes the type of adjustment associated with a quantity.

Refer to AdjustmentType definition for any enumerations.

MeasuringMethodType [attribute]

MeasuringMethodType is optional. A single instance might exist.

Specifies how a measurement value is created.

Refer to MeasuringMethodType definition for any enumerations.

MeasuringAgency [attribute]

MeasuringAgency is optional. A single instance might exist.

The agency defining measuring methods.

Refer to MeasuringAgency definition for any enumerations.

MeasuringMethod [attribute]

MeasuringMethod is optional. A single instance might exist.

The method used to determine how the item under consideration is measured.Measuring methods are defined by the measuring agency.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

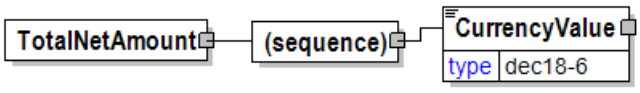
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

TotalNetAmount

A field containing total amount excluding tax. For example, in the Invoice TotalNetAmount is equal to the sum of LineItemSubTotal plus TotalAdjustments. TotalNetAmount encapsulates CurrencyValue.



(sequence)

The sequence of items below is mandatory. A single instance is required.

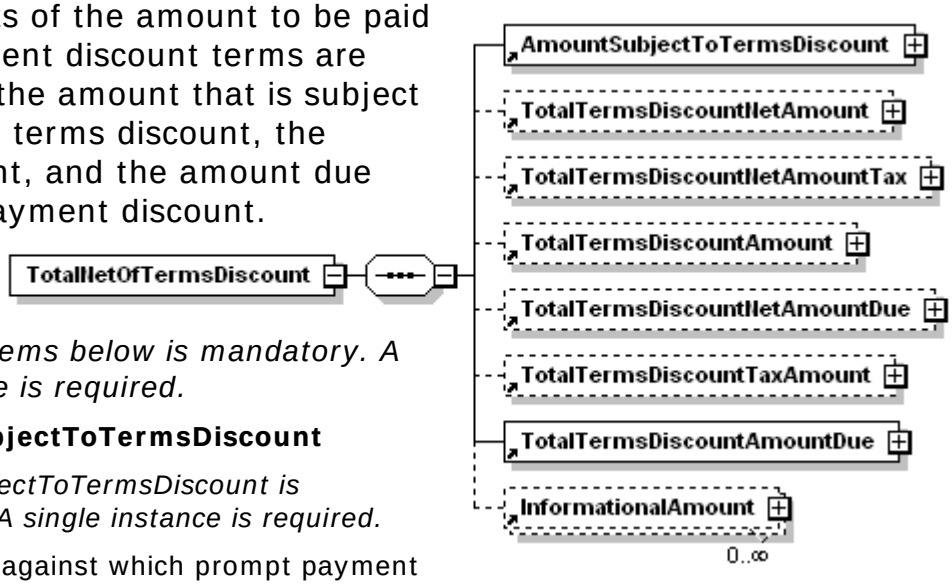
CurrencyValue

CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

TotalNetOfTermsDiscount

The components of the amount to be paid if prompt payment discount terms are met, including the amount that is subject to the payment terms discount, the discount amount, and the amount due after prompt payment discount.



(sequence)

The sequence of items below is mandatory. A single instance is required.

AmountSubjectToTermsDiscount

AmountSubjectToTermsDiscount is mandatory. A single instance is required.

The amount against which prompt payment terms can be applied.

TotalTermsDiscountNetAmount

TotalTermsDiscountNetAmount is optional. A single instance might exist.

The total prompt payment discount amount excluding taxes.

TotalTermsDiscountNetAmountTax

TotalTermsDiscountNetAmountTax is optional. A single instance might exist.

Tax amount calculated for prompt payment discount amount

TotalTermsDiscountAmount

TotalTermsDiscountNetAmount is optional. A single instance might exist.

The total prompt payment discount amount including taxes.

TotalTermsDiscountNetAmountDue

TotalTermsDiscountNetAmountDue is optional. A single instance might exist.

The total amount due after prompt payment discount excluding taxes. Encapsulates CurrencyValue.

TotalTermsDiscountTaxAmount

TotalTermsDiscountTaxAmount is optional. A single instance might exist.

The total tax amount calculated after prompt payment discount.

TotalTermsDiscountAmountDue

TotalTermsDiscountAmountDue is mandatory. A single instance is required.

The total amount after prompt payment discount, includes the related taxes.

In e-Documents claiming payment this is the amount due for payment when prompt payment discount is used according to the terms of payment. Decimal rounding might be applied to this amount..

InformationalAmount

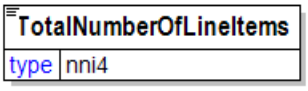
InformationalAmount is optional. Multiple instances might exist.

A monetary amount used for information purposes only (not for calculation). For example, the invoice price adjustment subtotal is expressed in sterling pounds, and the buyer wants this information expressed in U.S. dollars.

CreditDebitNote and Invoice - The TaxAmount is displayed in the currency that is applicable throughout the e-Document. When a TaxAmount needs to be displayed in a different national currency, this field is used.

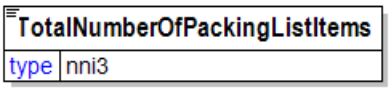
TotalNumberOfLineItems

The total number of individual line items in the document, regardless of the status or type.



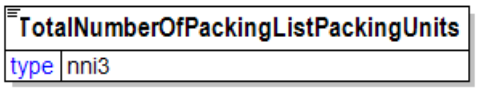
TotalNumberOfPackingListItems

Total Number Of PackingList Items



TotalNumberOfPackingListPackingUnits

TotalNumberOfPackingListPackingUnits



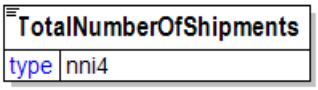
TotalNumberOfSequences

The total number of sequences in the document.



TotalNumberOfShipments

Total number of shipments referred to in a DeliveryMessage.

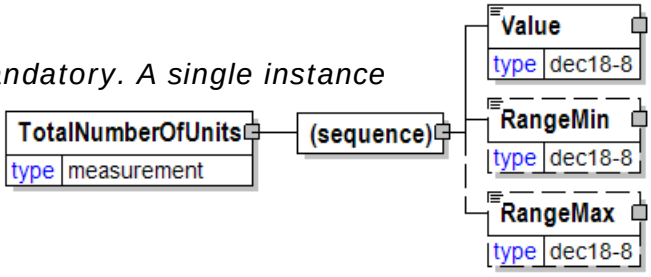


TotalNumberOfUnits

The total number of units.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

RangeMax

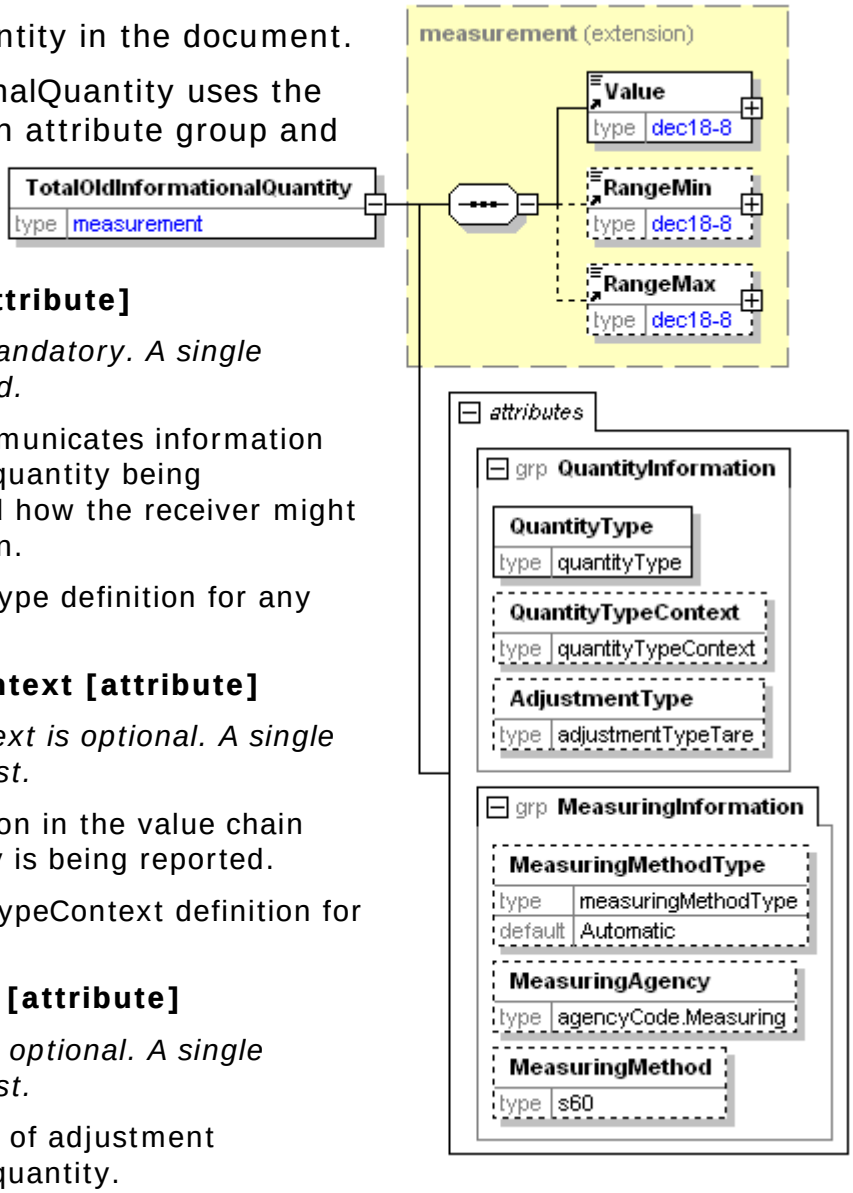
RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

TotalOldInformationalQuantity

A summary of the OldInformationQuantity in the document.

TotalOldInformationalQuantity uses the QuantityInformation attribute group and the Measurement group (element grouping).



QuantityType [attribute]

QuantityType is mandatory. A single instance is required.

QuantityType communicates information about the type of quantity being communicated and how the receiver might use the information.

Refer to QuantityType definition for any enumerations.

QuantityTypeContext [attribute]

QuantityTypeContext is optional. A single instance might exist.

Provides the location in the value chain where the quantity is being reported.

Refer to QuantityTypeContext definition for any enumerations.

AdjustmentType [attribute]

AdjustmentType is optional. A single instance might exist.

Describes the type of adjustment associated with a quantity.

Refer to AdjustmentType definition for any enumerations.

MeasuringMethodType [attribute]

MeasuringMethodType is optional. A single instance might exist.

Specifies how a measurement value is created.

Refer to MeasuringMethodType definition for any enumerations.

MeasuringAgency [attribute]

MeasuringAgency is optional. A single instance might exist.

The agency defining measuring methods.

Refer to MeasuringAgency definition for any enumerations.

MeasuringMethod [attribute]

MeasuringMethod is optional. A single instance might exist.

The method used to determine how the item under consideration is measured.Measuring methods are defined by the measuring agency.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

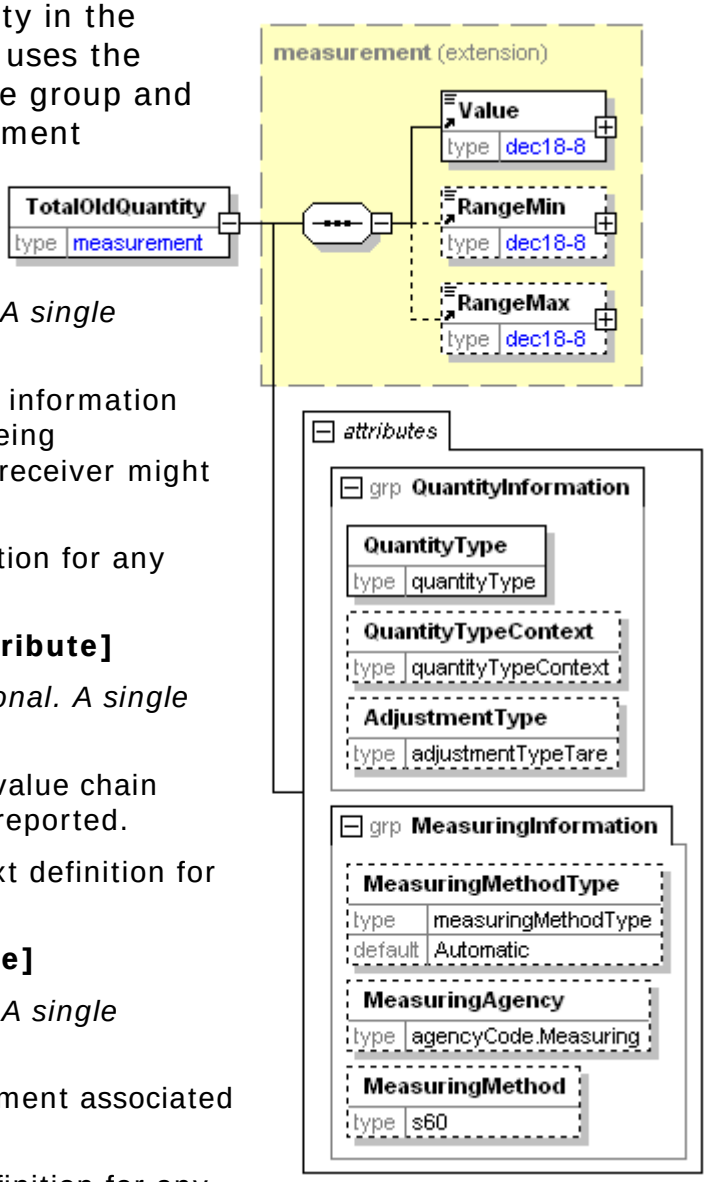
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

TotalOldQuantity

A summary of the OldQuantity in the document. TotalOldQuantity uses the QuantityInformation attribute group and the Measurement group (element grouping).



QuantityType [attribute]

QuantityType is mandatory. A single instance is required.

QuantityType communicates information about the type of quantity being communicated and how the receiver might use the information.

Refer to QuantityType definition for any enumerations.

QuantityTypeContext [attribute]

QuantityTypeContext is optional. A single instance might exist.

Provides the location in the value chain where the quantity is being reported.

Refer to QuantityTypeContext definition for any enumerations.

AdjustmentType [attribute]

AdjustmentType is optional. A single instance might exist.

Describes the type of adjustment associated with a quantity.

Refer to AdjustmentType definition for any enumerations.

MeasuringMethodType [attribute]

MeasuringMethodType is optional. A single instance might exist.

Specifies how a measurement value is created.

Refer to MeasuringMethodType definition for any enumerations.

MeasuringAgency [attribute]

MeasuringAgency is optional. A single instance might exist.

The agency defining measuring methods.

Refer to MeasuringAgency definition for any enumerations.

MeasuringMethod [attribute]

MeasuringMethod is optional. A single instance might exist.

The method used to determine how the item under consideration is measured.Measuring methods are defined by the measuring agency.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

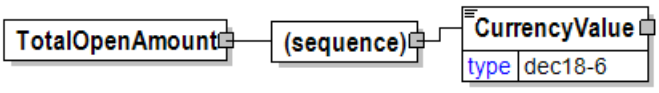
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

TotalOpenAmount

InvoiceAmount less the sum of all payment amounts, translated into one common currency.



(sequence)

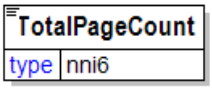
The sequence of items below is mandatory. A single instance is required.

CurrencyValue

CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

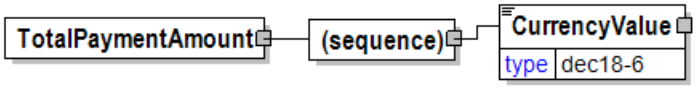
TotalPageCount



Element used to communicate the book's approximate total number of pages within each unit of the book. Total page count is more or less a reference to the "size" of the book that the customer designates. For instance, they will refer to a book as 800 pages when in fact it is 792 actual text pages with 8 pages of various inserts. This value should not be used to drive any of the other values for the component parts, but may in fact be exactly equal to the number of pages in one of the components designated as "Text".

TotalPaymentAmount

The amounts which were paid and booked against the original invoice.



(sequence)

The sequence of items below is mandatory. A single

instance is required.

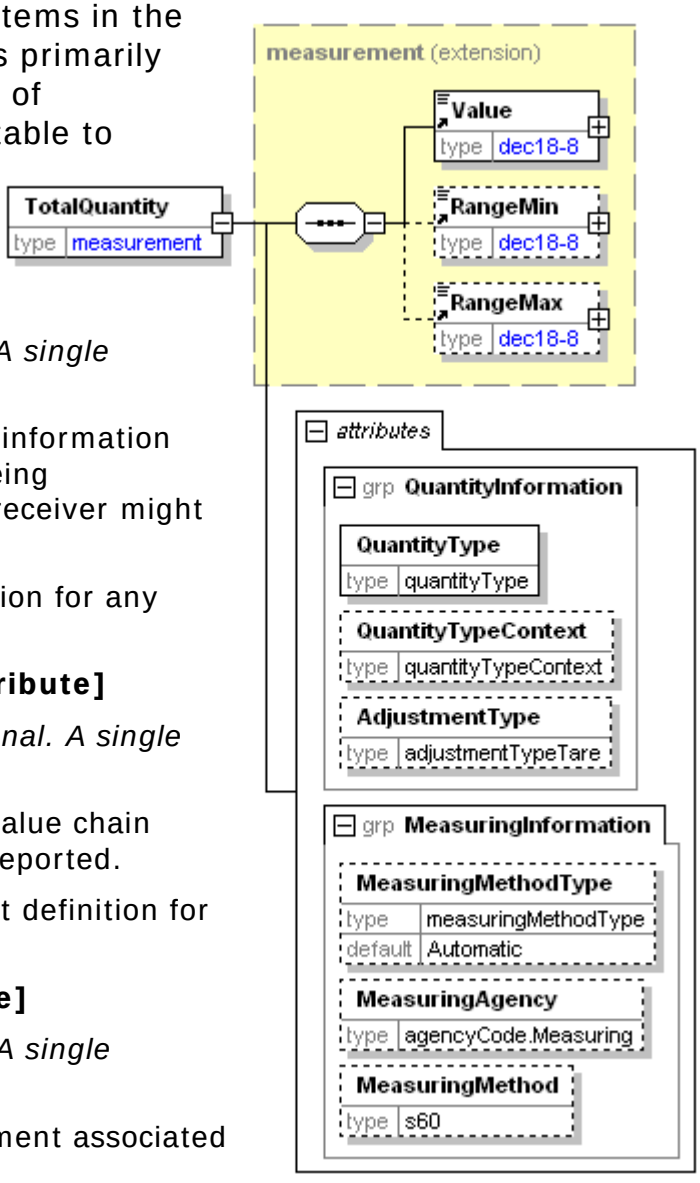
CurrencyValue

CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

TotalQuantity

The total quantity of similar items in the e-Document. TotalQuantity is primarily used in the summary section of documents where it is repeatable to permit totaling for different units of measure.



QuantityType [attribute]

QuantityType is mandatory. A single instance is required.

QuantityType communicates information about the type of quantity being communicated and how the receiver might use the information.

Refer to QuantityType definition for any enumerations.

QuantityTypeContext [attribute]

QuantityTypeContext is optional. A single instance might exist.

Provides the location in the value chain where the quantity is being reported.

Refer to QuantityTypeContext definition for any enumerations.

AdjustmentType [attribute]

AdjustmentType is optional. A single instance might exist.

Describes the type of adjustment associated with a quantity.

Refer to AdjustmentType definition for any enumerations.

MeasuringMethodType [attribute]

MeasuringMethodType is optional. A single instance might exist.

Specifies how a measurement value is created.

Refer to MeasuringMethodType definition for any enumerations.

MeasuringAgency [attribute]

MeasuringAgency is optional. A single instance might exist.

The agency defining measuring methods.

Refer to MeasuringAgency definition for any enumerations.

MeasuringMethod [attribute]

MeasuringMethod is optional. A single instance might exist.

The method used to determine how the item under consideration is measured.Measuring methods are defined by the measuring agency.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

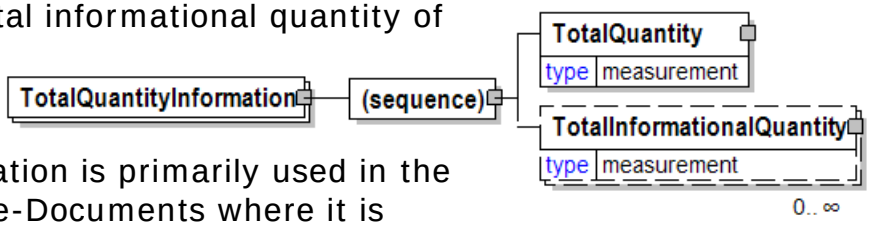
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

TotalQuantityInformation

A group item containing information about the total quantity and total informational quantity of similar items in the document.



TotalQuantityInformation is primarily used in the summary section of e-Documents where it is repeatable to permit totalling for different units of measure.

(sequence)

The sequence of items below is mandatory. A single instance is required.

TotalQuantity

TotalQuantity is mandatory. A single instance is required.

The total quantity of similar items in the e-Document. TotalQuantity is primarily used in the summary section of documents where it is repeatable to permit totaling for different units of measure.

TotalInformationalQuantity

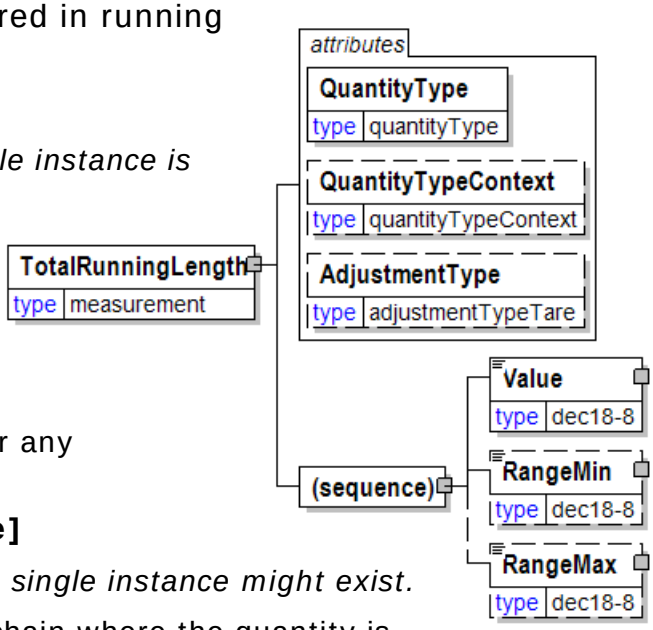
TotalInformationalQuantity is optional. Multiple instances might exist.

A quantity that is used to communicate related information about the parent

element. This element represents a total that is derived from individual line items.

TotalRunningLength

Summary value of amount measured in running meters, etc.



QuantityType [attribute]

QuantityType is mandatory. A single instance is required.

QuantityType communicates information about the type of quantity being communicated and how the receiver might use the information.

Refer to QuantityType definition for any enumerations.

QuantityTypeContext [attribute]

QuantityTypeContext is optional. A single instance might exist.

Provides the location in the value chain where the quantity is being reported.

Refer to QuantityTypeContext definition for any enumerations.

AdjustmentType [attribute]

AdjustmentType is optional. A single instance might exist.

Describes the type of adjustment associated with a quantity.

Refer to AdjustmentType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

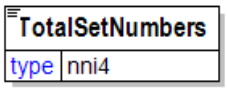
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

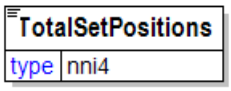
TotalSetNumbers

The total number of sets wound from the Tambour (in the radial direction). Tambour is also called jumbo reel or mother reel.



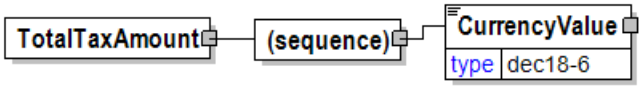
TotalSetPositions

The total number of reels cut across the Tambour (in the width direction). Tambour is also called jumbo reel or mother reel.



TotalTaxAmount

The CurrencyValue of TotalTaxAmount contains the sum of all instances of TaxAdjustment in the document. TotalTaxAmount contains the sum of all instances of the MonetaryAdjustmentAmount for tax adjustments.



(sequence)

The sequence of items below is mandatory. A single instance is required.

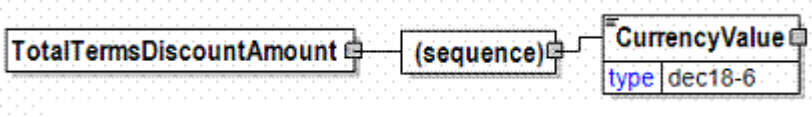
CurrencyValue

CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

TotalTermsDiscountAmount

The total prompt payment discount amount including taxes.



(sequence)

The sequence of items below is mandatory. A single instance is required.

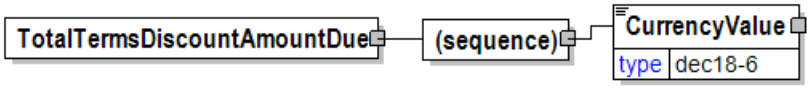
CurrencyValue

CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

TotalTermsDiscountAmountDue

The total amount after prompt payment discount, includes the related taxes.



In e-Documents claiming payment this is the amount due for payment when prompt payment discount is used according to the terms of payment. Decimal

rounding might be applied to this amount.

(sequence)

The sequence of items below is mandatory. A single instance is required.

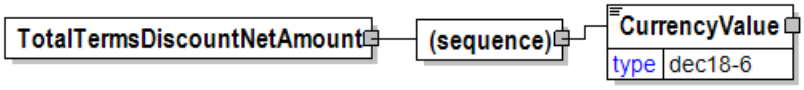
CurrencyValue

CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

TotalTermsDiscountNetAmount

The total prompt payment discount amount excluding taxes.



(sequence)

The sequence of items below is mandatory. A single instance is required.

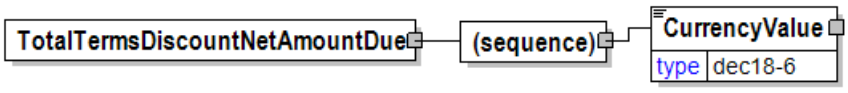
CurrencyValue

CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

TotalTermsDiscountNetAmountDue

The total amount due after prompt payment discount excluding taxes. Encapsulates CurrencyValue.



(sequence)

The sequence of items below is mandatory. A single instance is required.

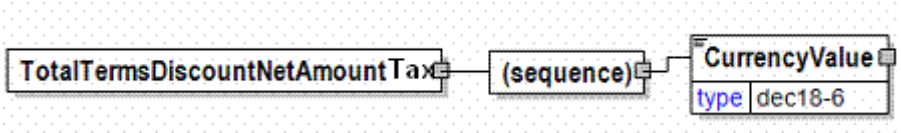
CurrencyValue

CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

TotalTermsDiscountNetAmountTax

Tax amount calculated for prompt payment discount amount.



(sequence)

The sequence of items below is mandatory. A single instance is required.

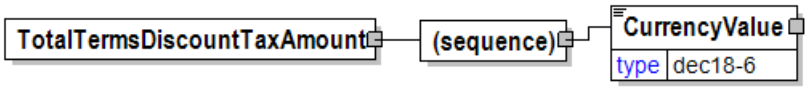
CurrencyValue

CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

TotalTermsDiscountTaxAmount

The total tax amount calculated after prompt payment discount.



(sequence)

The sequence of items below is mandatory. A single instance is required.

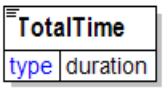
CurrencyValue

CurrencyValue is mandatory. A single instance is required.

The amount in the referenced currency as defined by the CurrencyType attribute.

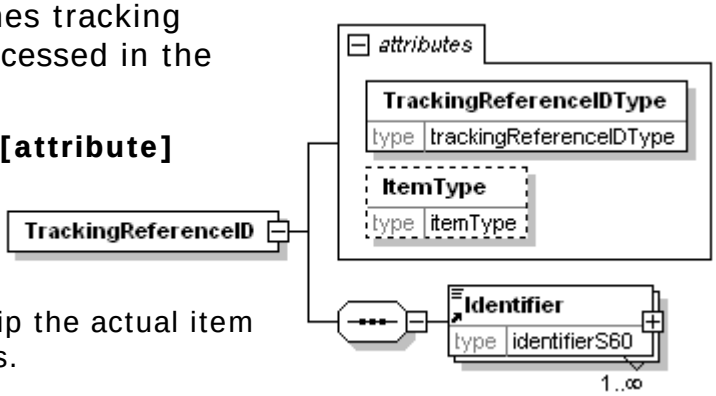
TotalTime

The total time.



TrackingReferenceID

A grouping element that defines tracking references between items processed in the supply chain.



TrackingReferenceIDType [attribute]

TrackingReferenceIDType is mandatory. A single instance is required.

Defines the type of relationship the actual item has to other the tracked items.

Refer to TrackingReferenceIDType definition for any enumerations.

ItemType [attribute]

ItemType is mandatory. A single instance is required.

Indicates the form of the item being reported as being used. Many of the ItemType(s) indicated here have a corresponding named element equivalent, which is referenced here for definition purposes.

Refer to ItemType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

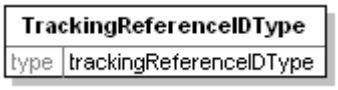
Identifier

Identifier is mandatory. Multiple instances might exist.

An Identifier is required for packages and items (pallets, reel packages, boxes, ream items, reel items, etc). The Identifier element contains the actual item identifier code. Identifier is repeatable so more than one identifier can be communicated. For example, the printed identifier on a label may be different from the barcode printed on the label.

TrackingReferenceIDType [attribute]

Defines the type of relationship the actual item has to other the tracked items.



This item is restricted to the following list.

Child

This item is derived from the actual item. E.g. a board from a saw log.

Origin

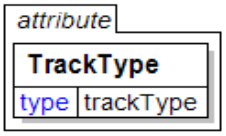
The origin of the actual item. E.g. a logging area where a saw log was cut.

Parent

The actual item is derived from this item. E.g. a sawlog is cut from a stem.

TrackType [attribute]

The type of track



This item is restricted to the following list.

Mono

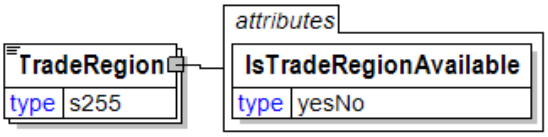
Track type is monaural.

Stereo

Track type is stereophonic.

TradeRegion

A geographic area for product availability communication.



IsTradeRegionAvailable [attribute]

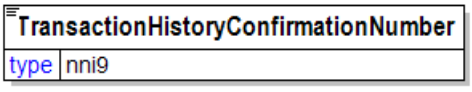
IsTradeRegionAvailable is mandatory.
A single instance is required.

Is the geographic area available or not.

Refer to IsTradeRegionAvailable definition for any enumerations.

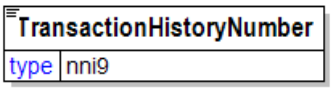
TransactionHistoryConfirmationNumber

A sequential number that indicates the version of the confirmation document being sent.



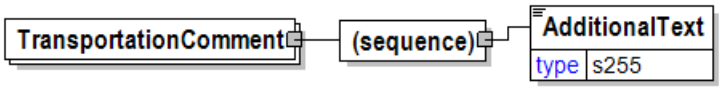
TransactionHistoryNumber

A sequential number that keeps track of the version of a document being sent by the document originator except in the case where TransactionHistoryConfirmation is used, in which case the TransactionHistoryNumber refers to the trigger transaction for which the confirmation is being sent.



TransportationComment

Textual Commentary on Transportation for an entire GoodsReceipt.



(sequence)

The sequence of items below is mandatory. A single instance is required.

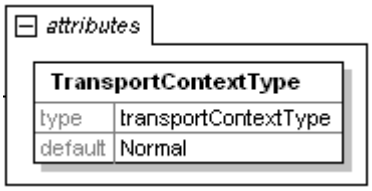
AdditionalText

AdditionalText is mandatory. A single instance is required.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

TransportContextType [attribute]

Provides information about the reason for the transport.



This item is restricted to the following list.

Normal (default)

The transport is a normal freight.

NormalWithReturn

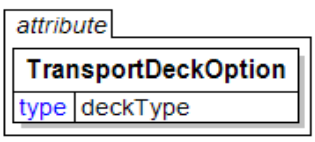
The transport is a normal freight with an allocated return freight

Return

The transport is a return freight.

TransportDeckOption [attribute]

Allotment of a shipping lot that can be placed on the deck of a ship.



This item is restricted to the following list.

FullDeck

The full load can be placed on the deck of the transport vehicle (ship).

HalfDeck

Only half the load can be placed on the deck of the transport vehicle (ship).

OneThirdDeck

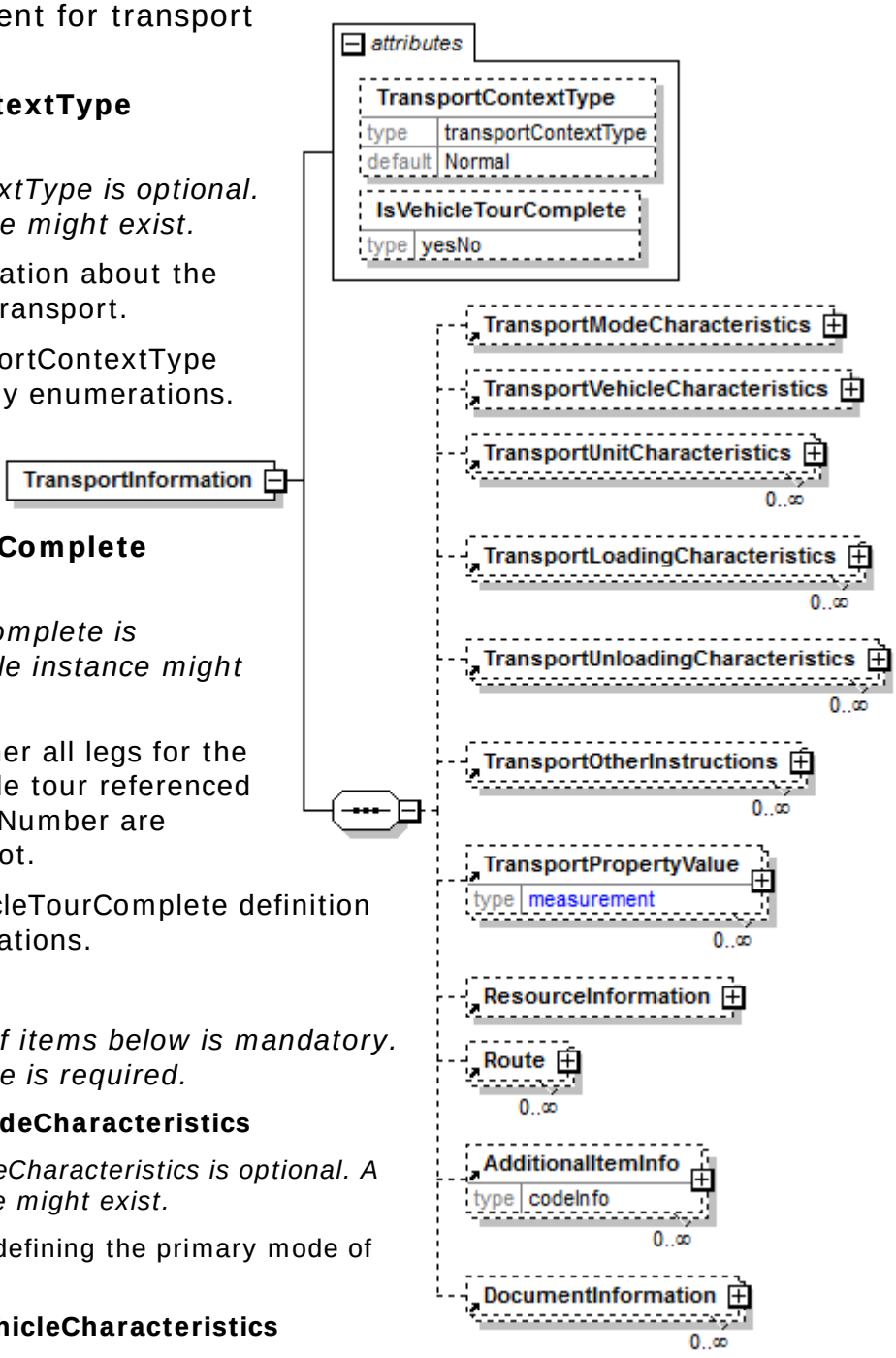
Only one-third of the load can be placed on the deck of the transport vehicle (ship).

UnderDeck

The entire load must be placed under the deck of the transport vehicle (ship).

TransportInformation

A grouping element for transport information.



TransportContextType [attribute]

TransportContextType is optional. A single instance might exist.

Provides information about the reason for the transport.

Refer to TransportContextType definition for any enumerations.

IsVehicleTourComplete [attribute]

IsVehicleTourComplete is optional. A single instance might exist.

Indicates whether all legs for the particular vehicle tour referenced by VehicleTourNumber are carried out or not.

Refer to IsVehicleTourComplete definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

TransportModeCharacteristics

TransportModeCharacteristics is optional. A single instance might exist.

A group item defining the primary mode of transport.

TransportVehicleCharacteristics

TransportVehicleCharacteristics is optional. A single instance might exist.

A group item containing information about a transport vehicle, e.g. a truck. A transport vehicle has its own power and can be used to pull, push, carry, or tow a transport unit loaded with goods.

TransportUnitCharacteristics

TransportUnitCharacteristics is optional. Multiple instances might exist.

A group item containing information about a transport unit, e.g. a trailer. Transport units contain goods and move using power from another source, the transport vehicle.

TransportLoadingCharacteristics

TransportLoadingCharacteristics is optional. Multiple instances might exist.

A group item defining how the transported items are to be loaded.

TransportUnloadingCharacteristics

TransportUnloadingCharacteristics is optional. Multiple instances might exist.

A group item defining how the transported items are to be unloaded.

TransportOtherInstructions

TransportOtherInstructions is optional. Multiple instances might exist.

A group item defining any other instructions for the transport not covered in the description of transport mode, vehicle, unit, and loading characteristics or defining an alternative description for the categories mentioned above.

TransportPropertyValue

TransportPropertyValue is optional. Multiple instances might exist.

Specifies values for various properties for a transport.

ResourceInformation

ResourceInformation is optional. A single instance might exist.

A group item that contains information for specification of resources.

Route

Route is optional. Multiple instances might exist.

Route defines directions and characteristics for how to transport goods between two locations. A route starts at delivery origin or at the supplypoint belonging to the delivery origin.

AdditionalItemInfo

AdditionalItemInfo is optional. Multiple instances might exist.

A grouping element that contains information about additional items specified by an agency. Restricted use of this element is recommended.

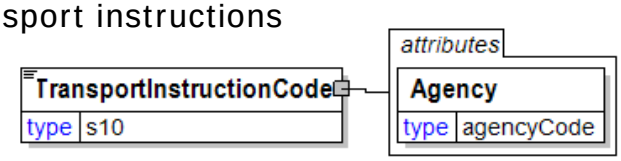
DocumentInformation

DocumentInformation is optional. Multiple instances might exist.

A group element containing a specification of required documents in the business process. Additional free text to be printed on documents can also be specified.

TransportInstructionCode

A code used to define any other transport instructions that are not covered in the description of transport mode, vehicle, unit, and loading characteristics or used alternatively to summarise in one unique code the above-mentioned categories.



Agency [attribute]

Agency is mandatory. A single instance is required.

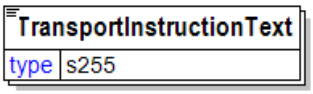
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

TransportInstructionText

A text field further describing the transport instructions.



TransportInstructionType [attribute]

Indicates the type of instruction.

This item is restricted to the following list.



LegSpecific

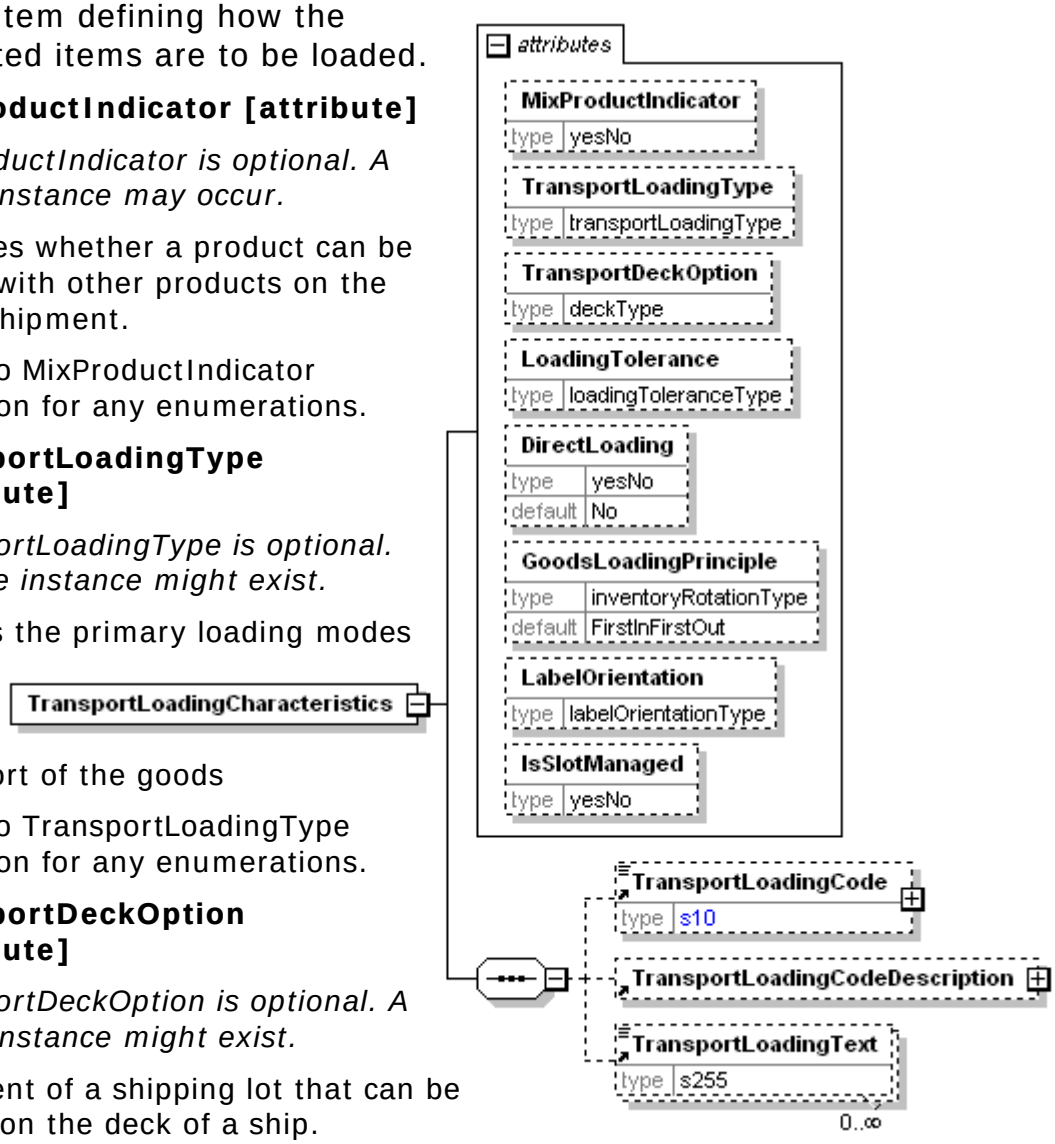
The text is related to the delivery leg or entire delivery.

ProductSpecific

The text is related to the product being transported.

TransportLoadingCharacteristics

A group item defining how the transported items are to be loaded.



MixProductIndicator [attribute]

MixProductIndicator is optional. A single instance may occur.

Specifies whether a product can be mixed with other products on the same shipment.

Refer to MixProductIndicator definition for any enumerations.

TransportLoadingType [attribute]

TransportLoadingType is optional. A single instance might exist.

Defines the primary loading modes for the transport of the goods

Refer to TransportLoadingType definition for any enumerations.

TransportDeckOption [attribute]

TransportDeckOption is optional. A single instance might exist.

Allotment of a shipping lot that can be placed on the deck of a ship.

Refer to TransportDeckOption definition for any enumerations.

LoadingTolerance [attribute]

LoadingTolerance is optional. A single instance might exist.

Specifies tolerance type for load quantity. Tolerance values are given by RangeMin and RangeMax in Quantity.

Refer to LoadingTolerance definition for any enumerations.

DirectLoading [attribute]

DirectLoading is optional. A single instance might exist.

Specifies if the transport unit should be loaded directly with goods received on another transport unit.

Refer to DirectLoading definition for any enumerations.

GoodsLoadingPrinciple [attribute]

GoodsLoadingPrinciple is optional. A single instance might exist.

Defines principles for how goods are picked from warehouse and loaded

Refer to GoodsLoadingPrinciple definition for any enumerations.

LabelOrientation [attribute]

LabelOrientation is optional. A single instance might exist.

Specifies label orientation for loaded goods seen in the transport direction of the goods carrier. It makes the label visible during unloading from a predetermined side.

Refer to LabelOrientation definition for any enumerations.

IsSlotManaged [attribute]

IsSlotManaged is optional. A single instance might exist.

Specifies if the activity is managed by given slot times for execution of the activity. For example given slot times for unloading of a transport unit.

Refer to IsSlotManaged definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

TransportLoadingCode

TransportLoadingCode is optional. A single instance might exist.

A code defining how the transported items are to be loaded.

TransportLoadingCodeDescription

TransportLoadingCodeDescription is optional. A single instance might exist.

A group item describing the TransportLoadingCode. The document specifying how to load goods based on the TransportLoadingCode can be supplied in e-Attachment. TransportLoadingCode can be used as a Load Pattern identifier.

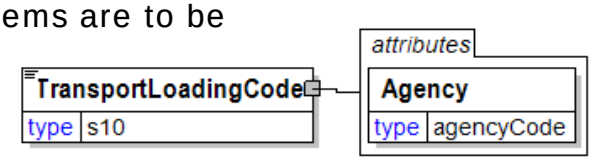
TransportLoadingText

TransportLoadingText is optional. Multiple instances might exist.

A text field further describing the transport loading instructions.

TransportLoadingCode

A code defining how the transported items are to be loaded.



Agency [attribute]

Agency is mandatory. A single instance is required.

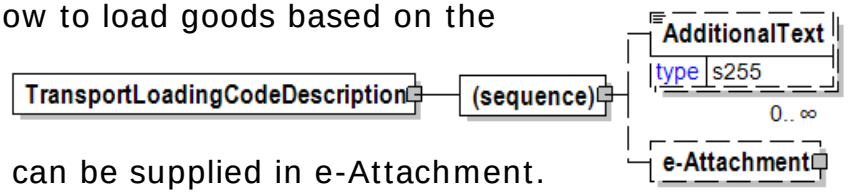
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

TransportLoadingCodeDescription

A group item describing the TransportLoadingCode. The document specifying how to load goods based on the



TransportLoadingCode can be supplied in e-Attachment. TransportLoadingCode can be used as a Load Pattern identifier.

(sequence)

The sequence of items below is mandatory. A single instance is required.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

e-Attachment

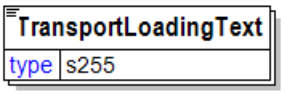
e-Attachment is optional. A single instance might exist.

e-Attachment enables the sender to provide information about attachments to the document.

Note: BizTalk users may have problems in processing this element. See the papiNet FAQs (papiNet.org) for more information.

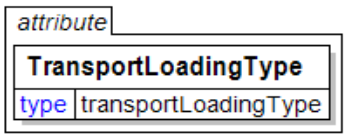
TransportLoadingText

A text field further describing the transport loading instructions.



TransportLoadingType [attribute]

Defines the primary loading modes for the transport of the goods



This item is restricted to the following list.

ByLoadingCode

How to load the goods is specifed via the element TransportLoadingCode. TransportLoadingCode can be used as a Load Pattern identifier. A separate document, that can be specified by element TransportLoadingCodeDescription, specifies the Load Pattern in all details.

Lying

The goods, such as reels on the belly, have to be in a lying position during transport.

Standing

The goods, such as reels standing on end, have to be in a standing position during transport

StandingUpsideDown

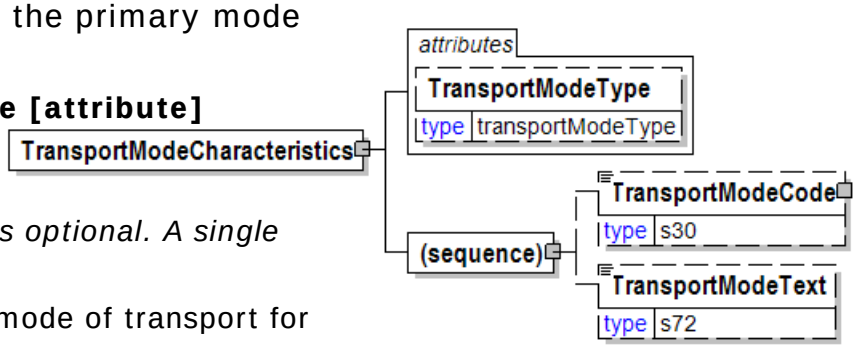
The goods, such as reels standing on end but turned upside-down, have to be in a standing position during transport. Reels are turned upside-down to get the right unwinding direction at end user.

Other

Used for any other loading modes not covered by this list.

TransportModeCharacteristics

A group item defining the primary mode of transport.



TransportModeType [attribute]

TransportModeType is optional. A single instance might exist.

Defines the primary mode of transport for the goods

Refer to TransportModeType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

TransportModeCode

TransportModeCode is optional. A single instance might exist.

A code defining the primary mode of transport.

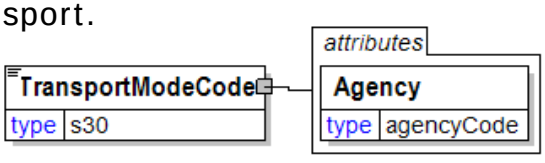
TransportModeText

TransportModeText is optional. A single instance might exist.

A text field further describing the transport mode.

TransportModeCode

A code defining the primary mode of transport.



Agency [attribute]

Agency is mandatory. A single instance is required.

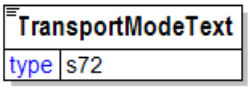
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

TransportModeText

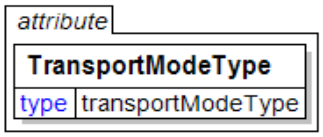
A text field further describing the transport mode.



TransportModeType [attribute]

Defines the primary mode of transport for the goods

This item is restricted to the following list.



Air

The goods will be transported by air.

Floating

The product will be transported by floating along waterway. E.g. Wood is normally floated in tied log piles which are connected to each other. No specific transport units are used.

InlandWaterway

The goods will be transported by inland waterway.

Intermodal

The movement of goods in one and the same transport unit, which uses successively two or more modes of transport without handling the goods themselves in changing modes. (Definition courtesy of the UN/ECE, the European Conference of Ministers of Transport [ECMT] and the European Commission [EC])

Mail

The goods will be sent by post.

Multimodal

The goods will be transported by two or more modes of transport. Handling of goods can occur in changing transport modes.

Rail

The goods will be transported by rail.

Road

The goods will be transported by road.

Sea

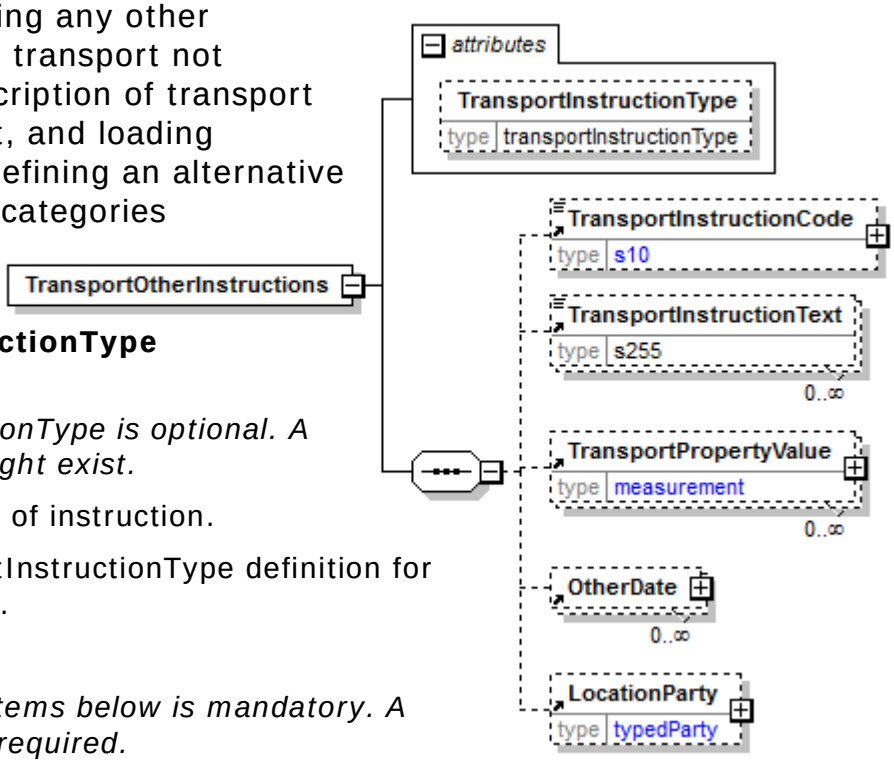
The goods will be transported by sea.

Other

Used for any other transport modes not covered by this list.

TransportOtherInstructions

A group item defining any other instructions for the transport not covered in the description of transport mode, vehicle, unit, and loading characteristics or defining an alternative description for the categories mentioned above.



TransportInstructionType [attribute]

TransportInstructionType is optional. A single instance might exist.

Indicates the type of instruction.

Refer to TransportInstructionType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

TransportInstructionCode

TransportInstructionCode is optional. A single instance might exist.

A code used to define any other transport instructions that are not covered in the description of transport mode, vehicle, unit, and loading characteristics or used alternatively to summarise in one unique code the above-mentioned categories.

TransportInstructionText

TransportInstructionText is optional. Multiple instances might exist.

A text field further describing the transport instructions.

TransportPropertyValue

TransportPropertyValue is optional. Multiple instances might exist.

Specifies values for various properties for a transport.

OtherDate

OtherDate is optional. Multiple instances might exist.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

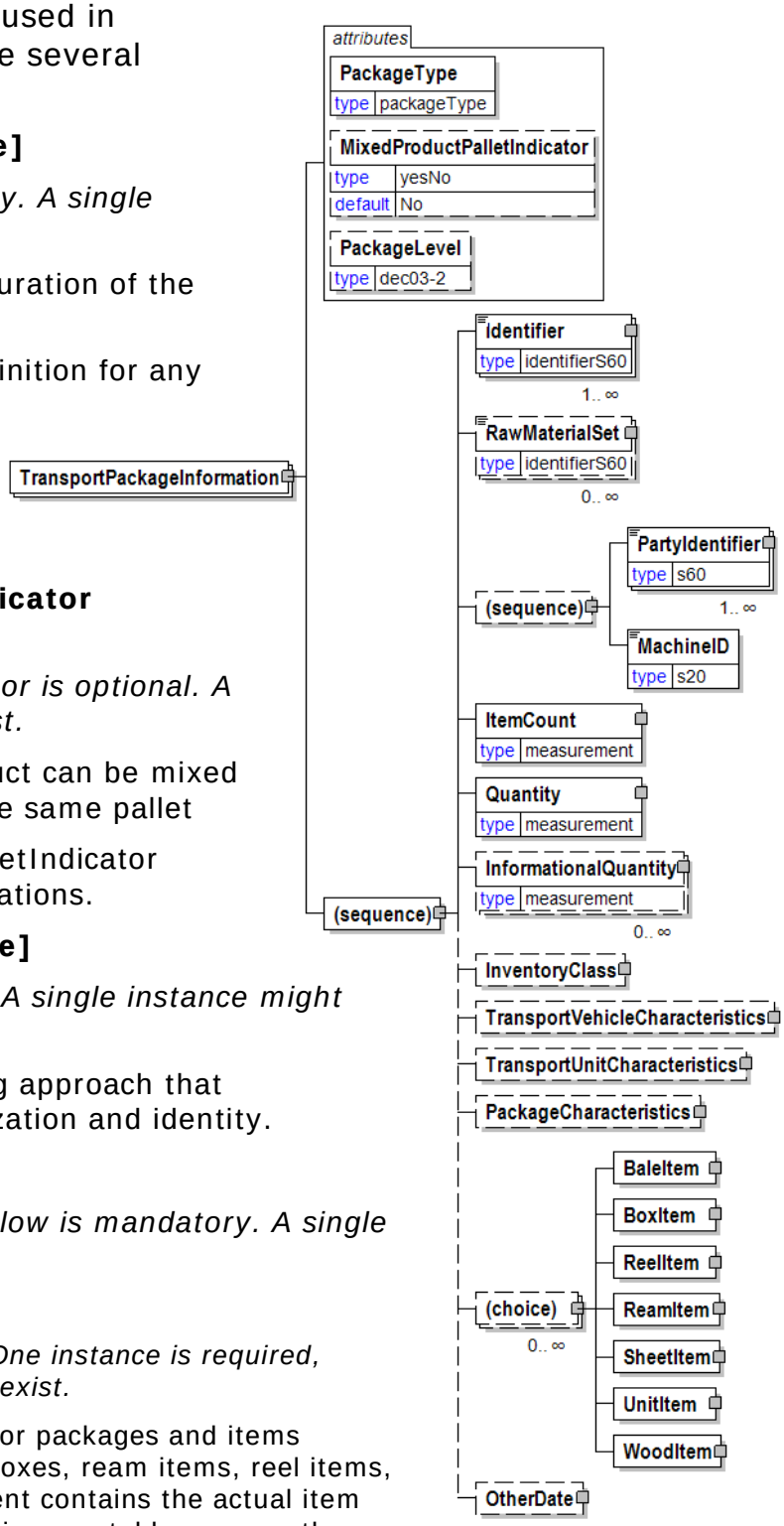
LocationParty

LocationParty is optional. A single instance might exist.

The organization or business entity where the business event took place or will take place.

TransportPackageInformation

Information of a package used in transportation, can include several normal packages.



PackageType [attribute]

PackageType is mandatory. A single instance is required.

Communicates the configuration of the item being reported.

Refer to PackageType definition for any enumerations.

MixedProductPalletIndicator [attribute]

MixedProductPalletIndicator is optional. A single instance might exist.

Specifies whether a product can be mixed with other products on the same pallet

Refer to MixedProductPalletIndicator definition for any enumerations.

PackageLevel [attribute]

PackageLevel is optional. A single instance might exist.

An hierarchical numbering approach that communicates containerization and identity.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Identifier

Identifier is mandatory. One instance is required, multiple instances might exist.

An Identifier is required for packages and items (pallets, reel packages, boxes, ream items, reel items, etc). The Identifier element contains the actual item identifier code. Identifier is repeatable so more than one identifier can be communicated. For example, the printed identifier on a label may be different from the barcode printed on the label.

RawMaterialSet

RawMaterialSet is optional. Multiple instances might exist.

This identifier derived element indicates a grouping of raw materials that were used to manufacture the product.

(sequence)

The sequence of items below is optional. A single instance might exist.

PartyIdentifier

PartyIdentifier is mandatory. One instance is required, multiple instances might exist.

A unique identifier of a specific party. This element contains an attribute PartyIdentifierType that indicates the type of party.

MachineID

MachineID is mandatory. A single instance is required.

An identifier assigned to the particular machine being referenced. For example, a machine could be a paper machine, an off-line coater, a sheeter, or a printing press. The particular machine being referenced will be determined by the business event being supported.

ItemCount

ItemCount is mandatory. A single instance is required.

A count of the number of items (examples: a count of the number of boxes on a pallet or of reams in a box).

Quantity

Quantity is mandatory. A single instance is required.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

InventoryClass

InventoryClass is optional. A single instance might exist.

A group item containing information about status of inventory and goods items.

TransportVehicleCharacteristics

TransportVehicleCharacteristics is optional. A single instance might exist.

A group item containing information about a transport vehicle, e.g. a truck. A transport vehicle has its own power and can be used to pull, push, carry, or tow a transport unit loaded with goods.

TransportUnitCharacteristics

TransportUnitCharacteristics is optional. A single instance might exist.

A group item containing information about a transport unit, e.g. a trailer. Transport units contain goods and move using power from another source, the transport vehicle.

PackageCharacteristics

PackageCharacteristics is optional. A single instance might exist.

The package characteristics.

(choice)

[choice] is optional because of choice construct.

BaleItem

BaleItem is optional because of choice construct.

An individual bale included as part of a delivery.

BoxItem

BoxItem is optional because of choice construct.

A four-sided container for reams or sheet items. A pallet can contain zero or more boxes. The term Carton is a synonym for BoxItem. The term “Box” is used as constraint within the ItemType attribute of the UsageLineItemDetail to refer to a box that contains other boxes.

ReelItem

ReelItem is optional because of choice construct.

A group item representing details of an actual (as opposed to specified) reel. One or several reels can be contained in a package.

ReamItem

ReamItem is optional because of choice construct.

A wrapped quantity of SheetItem(s).

SheetItem

SheetItem is optional because of choice construct.

A group item consisting potentially of the date the sheets were converted into sheets and/or packaged or finished.

UnitItem

UnitItem is optional because of choice construct.

Unit Item.

WoodItem

WoodItem is optional because of choice construct.

Group element containing elements describing a wood industry product.

OtherDate

OtherDate is optional. A single instance might exist.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

TransportPropertyType [attribute]

Defines the property specified for a transport.

This item is restricted to the following list.



DistanceWithLoad

Transported distance with a payload.

DistanceWithLoadOnPrivateRoads

Transported distance with a payload on private roads. A Numeric value.

DistanceWithLoadOnPublicRoads

Transported distance with a payload on public roads. A Numeric value

DistanceWithoutLoad

Transported distance without a payload.

LoadingTime

Time elapsed during loading.

LoadingWaitingTime

Time elapsed waiting for loading.

NumberOfPackageReloads

Number of packages that are shifted from a transport unit to another transport unit.

RestrictionOnNumberOfLoads

Restriction on number of loads that can be handled, e.g. per day.

RestrictionOnNumberOfVehicles

Restriction on number of vehicles that can be handled, e.g. per day.

UnLoadingTime

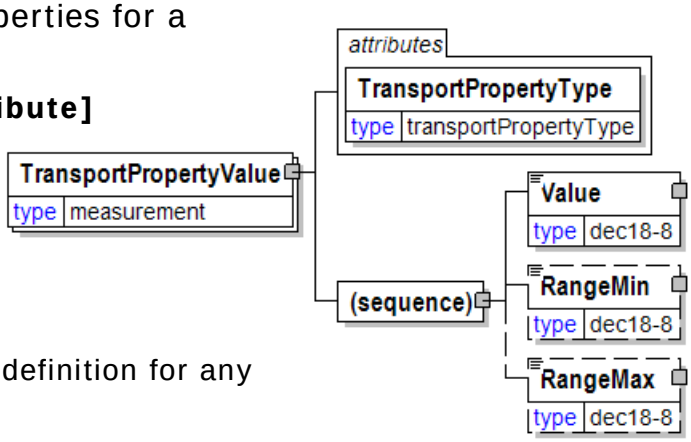
Time elapsed during unloading.

UnLoadingWaitingTime

Time elapsed waiting for unloading.

TransportPropertyValue

Specifies values for various properties for a transport.



TransportPropertyType [attribute]

TransportPropertyType is mandatory. A single instance is required.

Defines the property specified for a transport.

Refer to TransportPropertyType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

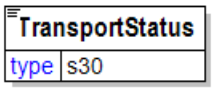
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

TransportStatus

Text element used to communicate the current status of the shipment actually being transported to the recipient. This element could indicate the tracking status that the transport company issues. Alternatively, it could be the vendor's internal tracking status of the shipment.

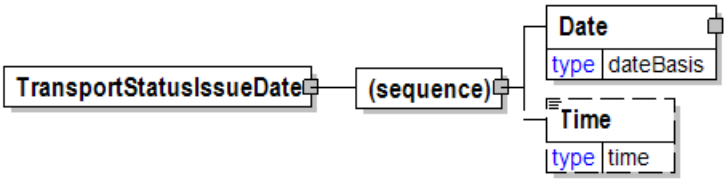


TransportStatusIssueDate

The Date and Time the transport status is issued.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

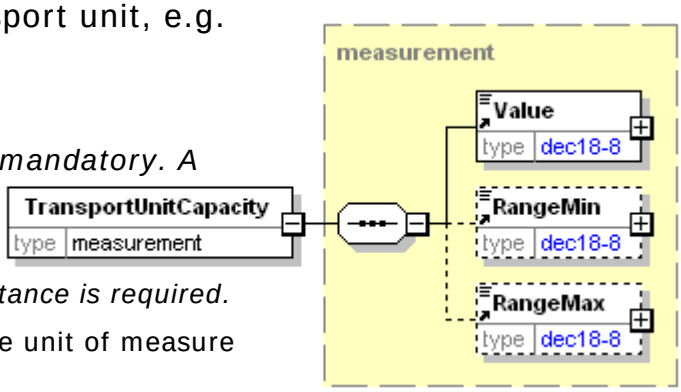
Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized "local" time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use "Z" when communicating a time in their time zone to other users.
- hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

TransportUnitCapacity

Specifies the capacity of a transport unit, e.g. available volume.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

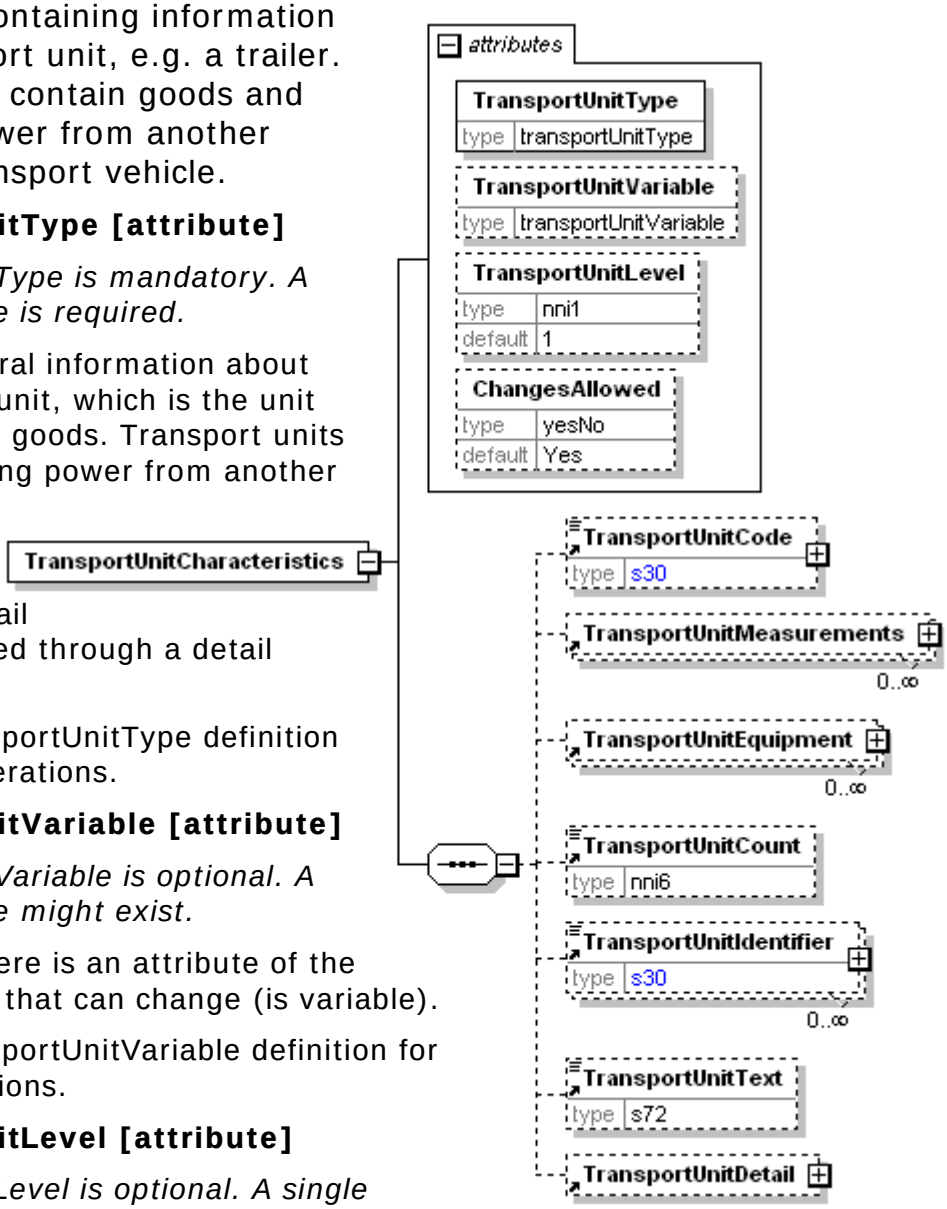
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

TransportUnitCharacteristics

A group item containing information about a transport unit, e.g. a trailer. Transport units contain goods and move using power from another source, the transport vehicle.



TransportUnitType [attribute]

TransportUnitType is mandatory. A single instance is required.

Provides general information about the transport unit, which is the unit containing the goods. Transport units only move using power from another source, the transport vehicle. Additional detail can be specified through a detail type.

Refer to TransportUnitType definition for any enumerations.

TransportUnitVariable [attribute]

TransportUnitVariable is optional. A single instance might exist.

Indicates if there is an attribute of the transport unit that can change (is variable).

Refer to TransportUnitVariable definition for any enumerations.

TransportUnitLevel [attribute]

TransportUnitLevel is optional. A single instance might exist.

The sequential number that uniquely identifies the level of stacked transport units. For example, on a train with wagons loaded with containers the transport unit levels would be wagon level 1 and container level 2.

ChangesAllowed [attribute]

ChangesAllowed is optional. A single instance might exist.

Indicates if the given information is allowed to be changed or not, i.e. if a logistics partner is bound to execute as instructed or can change instructed requirements.

Refer to ChangesAllowed definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

TransportUnitCode

TransportUnitCode is optional. A single instance might exist.

A code defining the primary means of containing the goods.

TransportUnitMeasurements

TransportUnitMeasurements is optional. Multiple instances might exist.

A group item containing the measurements (length, height, weight, and width) of the transport unit.

TransportUnitEquipment

TransportUnitEquipment is optional. Multiple instances might exist.

A group item defining extra equipment of the transport unit.

TransportUnitCount

TransportUnitCount is optional. A single instance might exist.

An item defining the number of units used to transport the goods.

TransportUnitIdentifier

TransportUnitIdentifier is optional. Multiple instances might exist.

The identifier of the transport unit, such as a container ID It could be a license plate number if the transport unit is the vehicle at the same time. The type of identifier is indicated by the TransportUnitIdentifierType.

TransportUnitText

TransportUnitText is optional. A single instance might exist.

A text field further describing the transport unit.

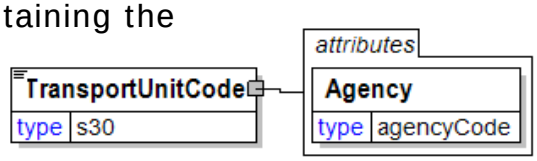
TransportUnitDetail

TransportUnitDetail is optional. A single instance might exist.

A group item describing details for a transport unit.

TransportUnitCode

A code defining the primary means of containing the goods.



Agency [attribute]

Agency is mandatory. A single instance is required.

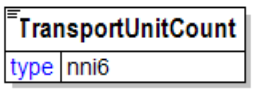
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

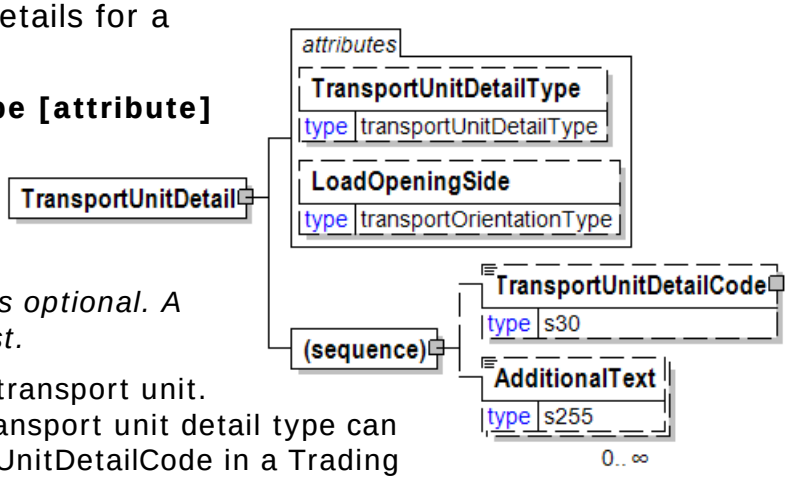
TransportUnitCount

An item defining the number of units used to transport the goods.



TransportUnitDetail

A group item describing details for a transport unit.



TransportUnitDetailType [attribute]

TransportUnitDetailType is optional. A single instance might exist.

Specifies detail type of a transport unit. If needed variants of a transport unit detail type can be specified by TransportUnitDetailCode in a Trading Partner Agreement as well as clarified in AdditionalText.

Refer to TransportUnitDetailType definition for any enumerations.

LoadOpeningSide [attribute]

LoadOpeningSide is optional. A single instance might exist.

Specifies opening sides on a transport unit for loading and unloading seen in the transport direction of the goods carrier

Refer to LoadOpeningSide definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

TransportUnitDetailCode

TransportUnitDetailCode is optional. A single instance might exist.

A code defining details of a transport unit.

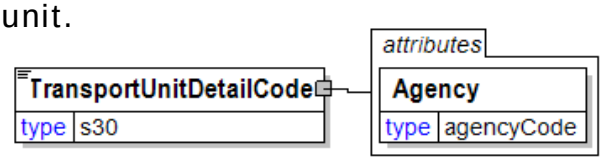
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

TransportUnitDetailCode

A code defining details of a transport unit.



Agency [attribute]

Agency is mandatory. A single instance is required.

Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

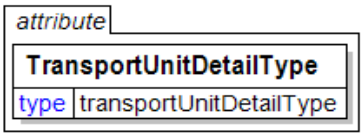
- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent

element.

Refer to Agency definition for any enumerations.

TransportUnitDetailType [attribute]

Specifies detail type of a transport unit. If needed variants of a transport unit detail type can be specified by TransportUnitDetailCode in a Trading Partner Agreement as well as clarified in AdditionalText.



This item is restricted to the following list.

DryFreightContainer

The most widely used container for general cargo. It is available in 20 and 40 feet lengths. For high volume, low weight cargo, 9.5 foot high, 40 foot and 45 foot units are available giving an additional internal cubic capacity.

PlatformContainer

Container Platform Flats and Flatracks are primarily used for the containerisation of oversize, awkward and project cargoes that would otherwise be carried break bulk. These units are increasingly being used as temporary 'tweendecks' for the carriage of large, indivisible loads which are loaded separately on to a bed of flat-racks or platforms spread on top of a ship's hatch cover.

OpenSidesContainer

A container with loading och unloading via side and rear doors. It can also have a curtain side.

OpenTopContainer

A container with an open top that can be loaded via top side and rear doors. Covered by means of removable tilt.Open top containers are designed for the carriage of awkward, indivisible or oversize cargoes. The units offer increased versatility over standard boxes as they are designed for loading through both the top of the container and the rear doors. All units are equipped with a swinging cross-door beam header, which opens outwards to give unrestricted access through the door opening. The simplicity of loading and discharge and the full protection offered by a TIR approved tarpaulin provide a container that will ensure the safe passage of a broad range of cargoes.

OverheadContainer

A container with oversize measurements. Common types are “Open Top High Cube” and “Pallet Wide High Cube”.

SwapBodyContainer

A container with foldable legs and transported on chassis. A SwapBody can easily be stored and swapped between different transport modes, usually road/rail. No handling equipment is needed. Swapbodies are designed for two-palletwide operations. The increased internal width of a swapbody unit allows two pallets (up to a maximum of 1200mm wide) to be loaded side by side.

BoxTrailer

Semi-railer completely closed only accessible with doors at rear end. The box is often made of plywood.

CurtainsiderTrailer

Semi-Trailer with automatic or semi-automatic curtain that opens on the side. An other common used name is Tautliner.

DrawBarTrailer

A trailer with both front and rear axles usually towed by a lorry. It can be either covered or uncovered. A drawbar trailer carries the full load on its axles compared to a semi-trailer that only carries the half load on its rear axles. A semi-trailer can't move by itself because it only has wheels at the rear end.

GooseneckTrailer

Semi-Trailer with a stepdeck at the front end, i.e. not a flat platform. It can be both covered or uncovered.

HuckepackTrailer

Platform or Semi-Trailer with reinforcements and specially designed to be lifted on and off rail wagons. It makes it easy to mix transport modes for the transport unit from road to rail and vice versa. Synonym: StackTrain, Piggyback.

FlatbedTrailer

Semi-Trailer with an open flat platform.

SkeletalTrailer

A universal extensible skeletal chassis.

SkeletalContainerTrailer

A chassis designed to carry containers.

SkeletalDrawbarTrailer

A chassis with a drawbar.

SpecialTrailer

Semi-Trailer equipped with special features to load and unload goods. This type can have special designed floor to move goods without any external handling tools. Typical used names are CoilTrailer, Joloda, LoadMate, Rolamat, Selfloader and Walking floor. Dimensions on loading/unloading facilities, e.g. skates, may vary between makes. A CurtainSider with sliding roof is also typed as Special.

TerminalTrailer

Equipment which is not allowed on public roads and used for moving goods in terminals and warehouses. Normally these trailer types have no transport unit identifiers. Typical used names are Mafi, Platform and Roltrailer.

TiltTrailer

Semi-Trailer which can be closed by means of removable tilts.

BasketRailCar

A railcar with a demountable sub frame, fitted with devices for vertical handling, to allow the loading and unloading of semi-trailers or road vehicles.

ContainerRailCar

Open railcar designed to carry Containers, SwapBodies etc.

FlatRailCar

A railcar without roof or sides, or railcar without roof but with sides not higher than 60 cm, or swing-bolster railcar, of ordinary or special type. Railcars designed exclusively to carry containers, swap-bodies or goods vehicles are excluded.

HighSidedRailCar

A railcar with no roof and with rigid sides higher than 60 cm.

PocketRailCar

A railcar with a recessed pocket to accept the axle/wheel assembly of a semitrailer.

SpineRailCar

A rail railcar with a central chassis designed to carry a semi-trailer.

ContainerVesselUnit

Carry containers on vessels.

ConventionalVesselUnit

Carry goods loaded/unloaded by LOLO (lift-on/lift-off method) on vessels.

RollOnOffVesselUnit

Carry goods loaded/unloaded by RORO (roll-on/roll-off method) on vessel.

SidePortVesselUnit

Carry goods loaded/unloaded through side ports in the vessel side.

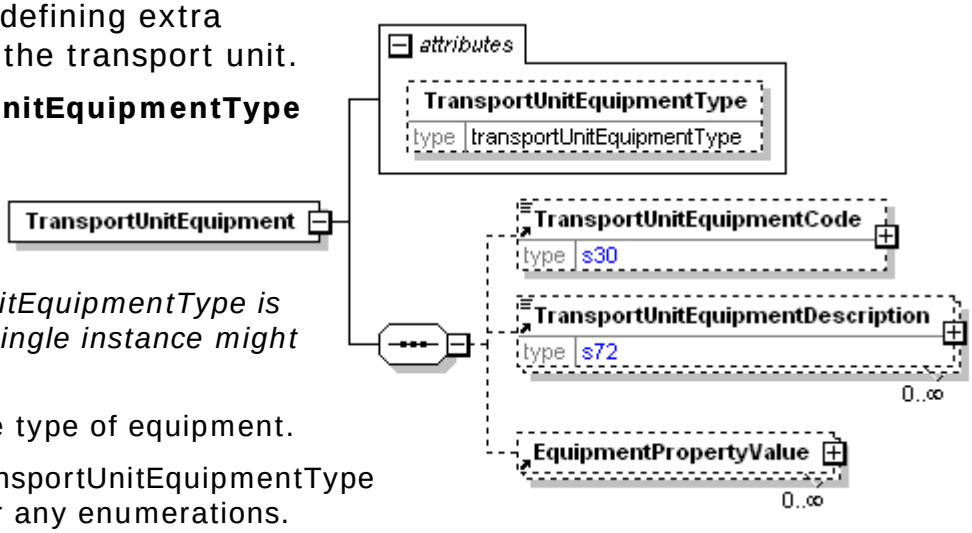
TankVesselUnit

Carry goods stored in tanks on vessels, e.g. bulk transport of liquids and other commodities.

TransportUnitEquipment

A group item defining extra equipment of the transport unit.

TransportUnitEquipmentType [attribute]



TransportUnitEquipmentType is optional. A single instance might exist.

Specifies the type of equipment.

Refer to TransportUnitEquipmentType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

TransportUnitEquipmentCode

TransportUnitEquipmentCode is optional. A single instance might exist.

TransportUnitEquipmentCode is a code describing extra equipment of the transport unit.

TransportUnitEquipmentDescription

TransportUnitEquipmentDescription is optional. Multiple instances might exist.

A text field element describing the extra equipment of the transport unit.

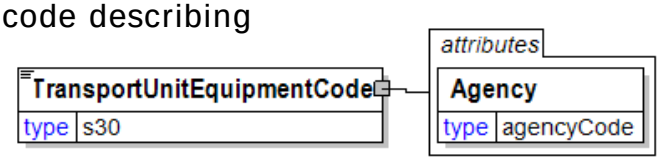
EquipmentPropertyValue

EquipmentPropertyValue is optional. Multiple instances might exist.

Specifies a value for a property of equipment. The property is defined by the attribute EquipmentPropertyType.

TransportUnitEquipmentCode

TransportUnitEquipmentCode is a code describing extra equipment of the transport unit.



Agency [attribute]

Agency is mandatory. A single instance is required.

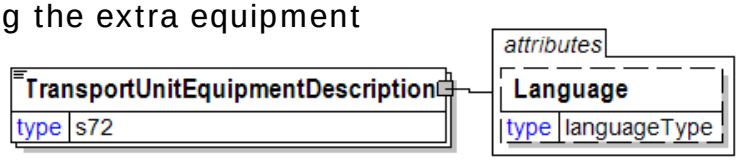
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

TransportUnitEquipmentDescription

A text field element describing the extra equipment of the transport unit.



Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

TransportUnitEquipmentType [attribute]

Specifies the type of equipment.



This item is restricted to the following list.

DividedTank

A tank divided into smaller tank compartments by walls for bulk transport of liquids and other commodities. This type of tank can transport many different products or use a bigger volume for one or just a few products.

RoundTripTank

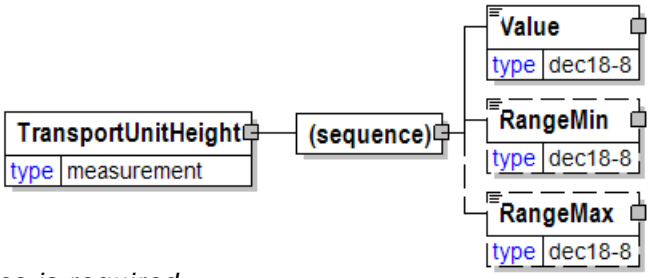
A tank with double container walls for bulk transport of liquids and other commodities. This type of tank can take e.g. raw material to a mill and then as return load take a totally different product that cannot be mixed with inbound product, i.e. without any need for tank washing before loading.

Tank

A normal solid tank for bulk transport of liquids and other commodities.

TransportUnitHeight

The height of the transport unit in a UOM (usually meters or feet).



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

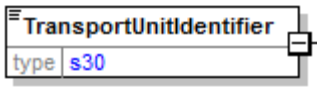
RangeMax

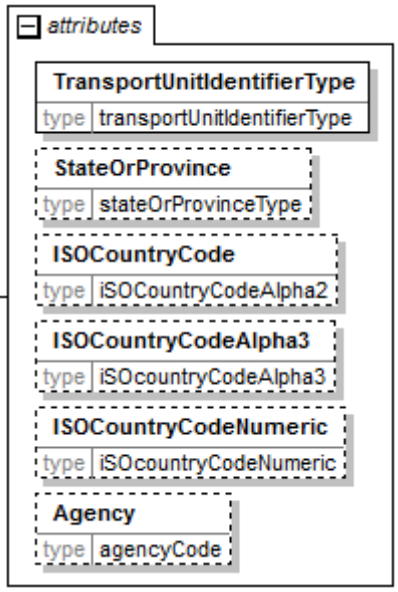
RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

TransportUnitIdentifier

The identifier of the transport unit, such as a container ID It could be a license plate number if the transport unit is the vehicle at the same time. The type of identifier is indicated by the TransportUnitIdentifierType.





TransportUnitIdentifierType [attribute]

TransportUnitIdentifierType is mandatory. A single instance is required.

Provides a contextual definition for the value used to identify the transport unit.

Refer to TransportUnitIdentifierType definition for any enumerations.

StateOrProvince [attribute]

StateOrProvince is optional. A single instance might exist.

The political designation or boundary of a specific area of land.

ISOCountryCode [attribute]

ISOCountryCode is optional. A single instance might exist.

The valid Alpha 2-character list of ISO Country Codes.

Refer to ISOCountryCode definition for any enumerations.

ISOCountryCodeAlfa3 [attribute]

ISOCountryCodeAlfa3 is optional. A single instance might exist.

The valid Alpha 3-character list of ISO Country Codes.

Refer to ISOCountryCodeAlfa3 definition for any enumerations.

ISOCountryCodeNumeric [attribute]

ISOCountryCodeNumeric is optional. A single instance might exist.

The valid Numeric 3-digit list of ISO Country Codes.

Refer to ISOCountryCodeNumeric definition for any enumerations.

Agency [attribute]

Agency is optional. A single instance might exist.

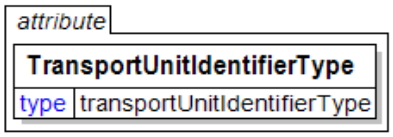
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

TransportUnitIdentifierType [attribute]

Provides a contextual definition for the value used to identify the transport unit.



This item is restricted to the following list.

AssignedByAgencyID

A unique identifier that has been assigned by the agency given in the attribute Agency. Attribute Agency is mandatory when AssignedByAgency is used.

AssignedByMachineOwnerID

A unique identifier that has been assigned by the owner of the machine.

ContainerID

Defines a container identifier.

CassetteID

Defines a cassette identifier.

GlobalReturnableAssetIdentifier

A returnable asset is a reusable package or transport equipment of a certain value. The Global Returnable Asset Identifier (GRAI) provides for the unique identification of an asset; it utilizes a UCC assigned Company Prefix enabling a user to develop, assign and maintain a unique asset number for equipment, resources, supplies, etc. in order to track its location and/or user. The EAN.UCC identification number of a returnable asset (GRAI) is defined as a physical item with no reference to the contents. The EAN.UCC identification of a returnable asset (GRAI) enables tracking as well as recording of all relevant data.

MachineID

A globally unique identifier for the machine. It is an identifier belonging to the machine independent of the owner of the machine, e.g. a GUID number.

RailCarID

A rail car identifier.

RFTag

To be deprecated in future versions. Please use RFTagSerialNumber instead.

RFTagSerialNumber

The fixed built-in identifier of a RFID unit.

SealNumber

Identifies the seal that closes the transport unit.

SerialShippingContainerCode

The unique identification of logistics units is achieved in the EAN.UCC System by the use of the SSCC (Serial Shipping Container Code). The SSCC is an 18-digit numeric data structure. The uniqueness of the data structure is ensured through the use of the EAN.UCC Company Prefix, which is supplied by the UCC or another EAN Member Organization. This Company Prefix, when combined with the serial number that is assigned by the member company, acts as an identifier or “license plate” and provides access to information stored in

computer files, which are transferred through electronic business transactions.

TrailerID

A trailer identifier. Note: This can be a licence plate number if the transport unit is the vehicle at the same time, or if the transport unit is a trailer with a licence plate number of its own. TrailerID is also used as identifier type for DrawBarCombination and RigidLorry.

WagonID

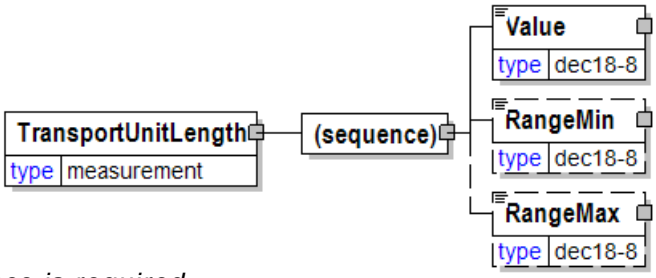
Will be removed in version v3r00. Use instead RailCarID

Other

Used for any other transport unit identifiers not covered by this list.

TransportUnitLength

The length of the transport unit in a valid UOM (usually meters or feet).



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

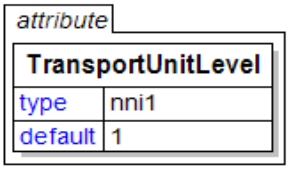
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

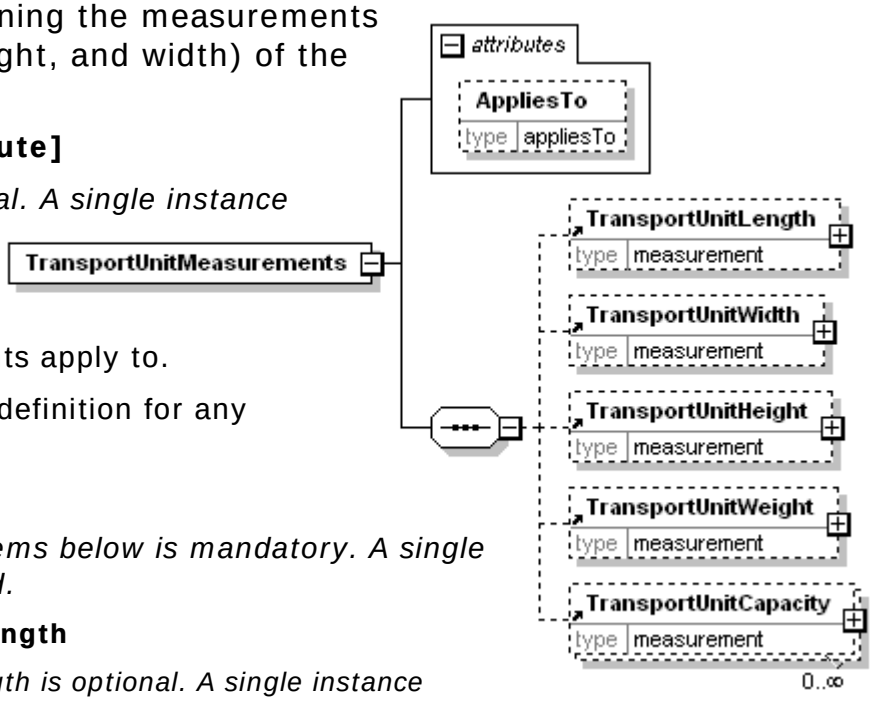
TransportUnitLevel [attribute]

The sequential number that uniquely identifies the level of stacked transport units. For example, on a train with wagons loaded with containers the transport unit levels would be wagon level 1 and container level 2.



TransportUnitMeasurements

A group item containing the measurements (length, height, weight, and width) of the transport unit.



AppliesTo [attribute]

AppliesTo is optional. A single instance might exist.

Specifies the type of item to which measurements apply to.

Refer to AppliesTo definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

TransportUnitLength

TransportUnitLength is optional. A single instance might exist.

The length of the transport unit in a valid UOM (usually meters or feet).

TransportUnitWidth

TransportUnitWidth is optional. A single instance might exist.

The width of the transport unit in a valid UOM (usually meters or feet).

TransportUnitHeight

TransportUnitHeight is optional. A single instance might exist.

The height of the transport unit in a UOM (usually meters or feet).

TransportUnitWeight

TransportUnitWeight is optional. A single instance might exist.

The weight of the transport unit in a valid UOM (usually tons, pounds, or kilograms).

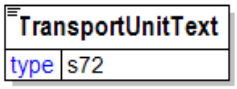
TransportUnitCapacity

TransportUnitCapacity is optional. Multiple instances might exist.

Specifies the capacity of a transport unit, e.g. available volume.

TransportUnitText

A text field further describing the transport unit.



TransportUnitType [attribute]

Provides general information about the transport unit, which is the unit containing the goods. Transport units only move using power from another source, the transport vehicle. Additional detail can be specified through a detail type.



This item is restricted to the following list.

Barge

A flat, inland waterways transport unit, which is typically towed, one or many at the same time, by a towing vessel.

Cassette

A platform used for RORO vessels to roll-on and roll-off goods to be moved.

Container

A generic term for a box to carry goods, strong enough for repeated use, usually stackable and fitted with devices for transfer between modes. There are a number of different types of containers.

ConventionalVessel

To be removed in version v3r00. Select the best fit from the TransportUnitType list.

DrawBarCombination

A RigidLorry and a DrawBarTrailer combined together and handled as one transport unit. It is typically used in Scandinavian countries.

Flatbed

To be removed in version v3r00. See detail types.

FlatCar

To be removed in version v3r00. See detail types.

ForestryForwarderUnit

Carries wood in a body mounted to the chassis of a forestry forwarder.

RailCar

A rail-based, covered mode of transport. Synonym: Rail Wagon.

RigidLorry

Carries goods in a body mounted to the chassis of a truck. It can be covered or uncovered. Synonym: Straight Truck.

StackTrain

To be removed in v3r00. See detail types.

SwapBodies

To be removed in v3r00. See detail types.

Trailer

A road trailer usually pulled by a truck.

VesselUnit

A transport unit for vessels. It is normally a fixed integrated part of the vessel.

Wagon

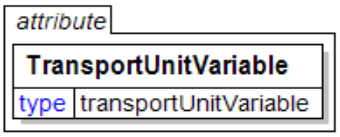
To be removed in v3r00. Use instead transport unit “RailCar” and detail types of railcars.

Other

Used for any other transport units not covered by this list. To be removed in version v3r00.

TransportUnitVariable [attribute]

Indicates if there is an attribute of the transport unit that can change (is variable).



This item is restricted to the following list.

CubicCapacity

DeckOption

Height

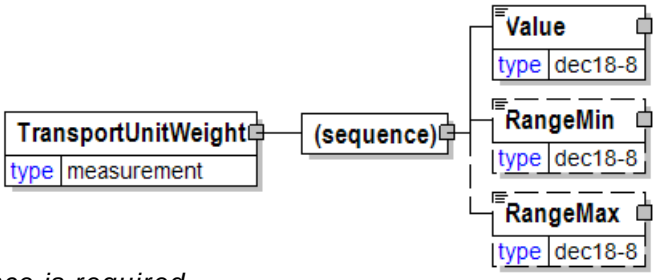
Length

RailcarDoorSize

WeightCarryingCapacity

TransportUnitWeight

The weight of the transport unit in a valid UOM (usually tons, pounds, or kilograms).



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

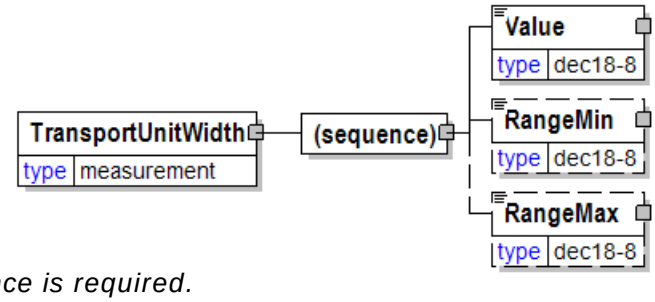
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

TransportUnitWidth

The width of the transport unit in a valid UOM (usually meters or feet).



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

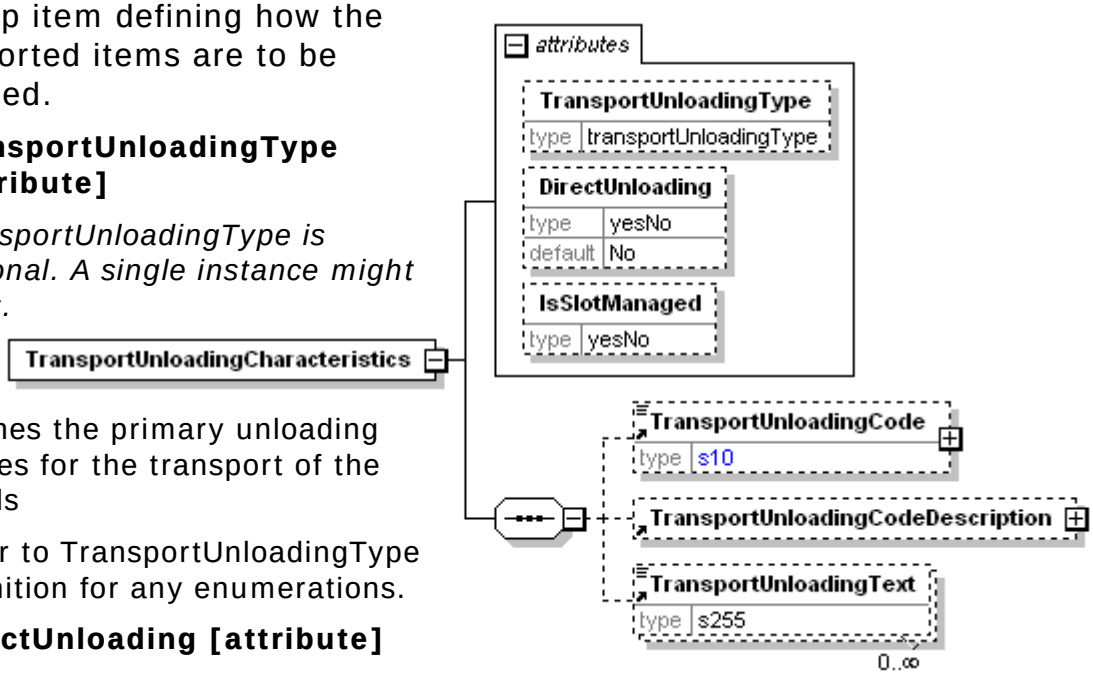
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

TransportUnloadingCharacteristics

A group item defining how the transported items are to be unloaded.



TransportUnloadingType [attribute]

TransportUnloadingType is optional. A single instance might exist.

Defines the primary unloading modes for the transport of the goods

Refer to TransportUnloadingType definition for any enumerations.

DirectUnloading [attribute]

DirectUnloading is optional. A single instance might exist.

Specifies if the transport unit should be unloaded directly on to a new transport unit. Certain transport units, e.g. cassettes, can be stored in

warehouses a short period waiting for direct unloading.

Refer to DirectUnloading definition for any enumerations.

IsSlotManaged [attribute]

IsSlotManaged is optional. A single instance might exist.

Specifies if the activity is managed by given slot times for execution of the activity. For example given slot times for unloading of a transport unit.

Refer to IsSlotManaged definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

TransportUnloadingCode

TransportUnloadingCode is optional. A single instance might exist.

A code defining how the transported items are to be unloaded.

TransportUnloadingCodeDescription

TransportUnloadingCodeDescription is optional. A single instance might exist.

A group item describing the TransportUnloadingCode. The document specifying how to unload goods based on the TransportUnloadingCode can be supplied in e-Attachment.

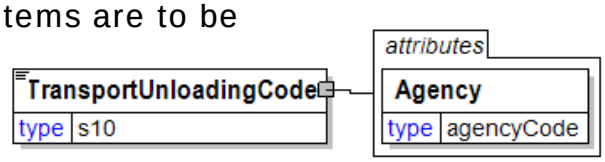
TransportUnloadingText

TransportUnloadingText is optional. Multiple instances might exist.

A text field further describing the transport unloading instructions.

TransportUnloadingCode

A code defining how the transported items are to be unloaded.



Agency [attribute]

Agency is mandatory. A single instance is required.

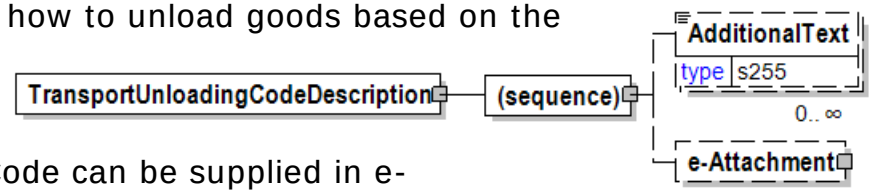
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

TransportUnloadingCodeDescription

A group item describing the TransportUnloadingCode. The document specifying how to unload goods based on the TransportUnloadingCode can be supplied in e-Attachment.



(sequence)

The sequence of items below is mandatory. A single instance is required.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

e-Attachment

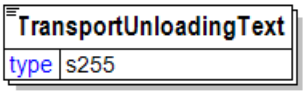
e-Attachment is optional. A single instance might exist.

e-Attachment enables the sender to provide information about attachments to the document.

Note: BizTalk users may have problems in processing this element. See the papiNet FAQs (papiNet.org) for more information.

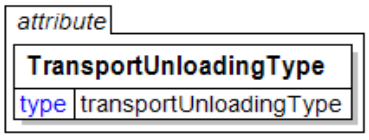
TransportUnloadingText

A text field further describing the transport unloading instructions.



TransportUnloadingType [attribute]

Defines the primary unloading modes for the transport of the goods



This item is restricted to the following list.

ByUnloadingCode

How to unload the goods is specifed via the element TransportUnloadingCode. TransportUnloadingCode can be used as a Load Pattern identifier. A separate document, that can be specified by element TransportUnloadingCodeDescription, specifies the Load Pattern in all details

Lying

The goods, such as reels on the belly, have to be in a lying position after unloading.

Standing

The goods, such as reels standing on end, have to be in a standing position

after unloading.

StandingUpsideDown

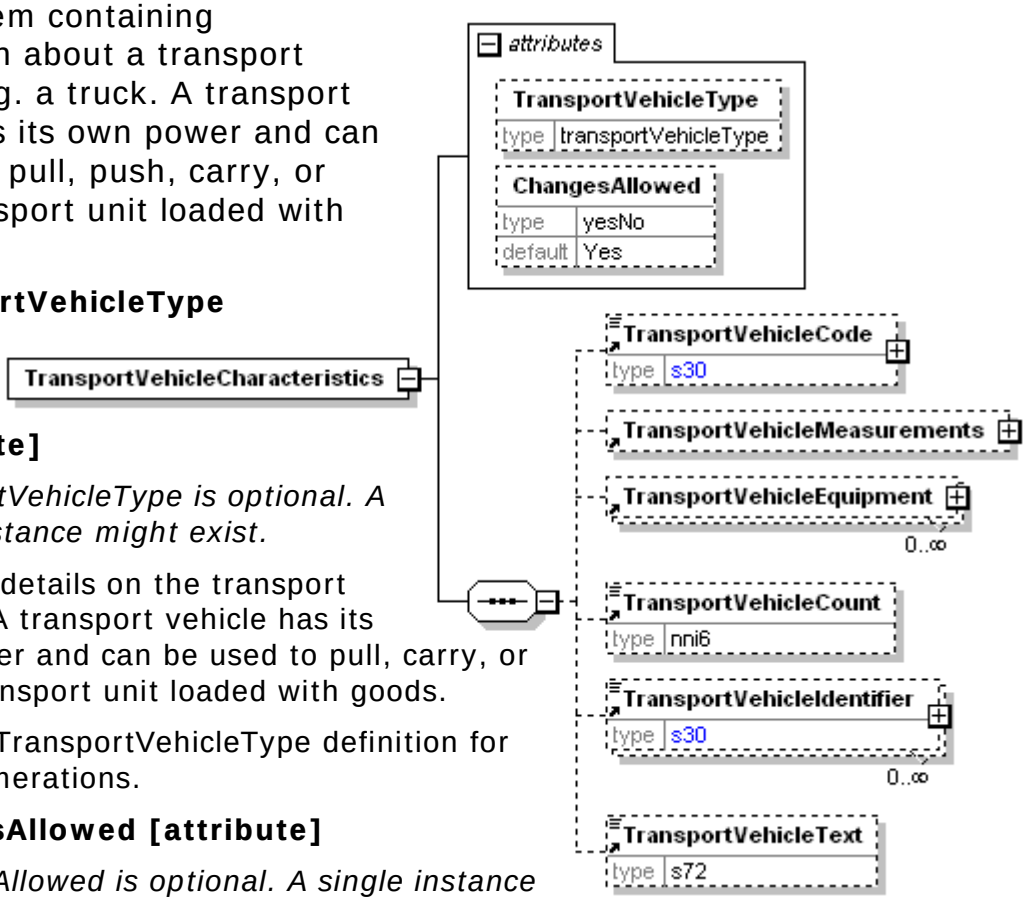
The goods, such as reels standing on end but turned upside-down in a standing position after unloading. Reels are turned upside-down to get the right unwinding direction at end user.

Other

Used for any other loading modes not covered by this list.

TransportVehicleCharacteristics

A group item containing information about a transport vehicle, e.g. a truck. A transport vehicle has its own power and can be used to pull, push, carry, or tow a transport unit loaded with goods.



TransportVehicleType

[attribute]

TransportVehicleType is optional. A single instance might exist.

Provides details on the transport vehicle. A transport vehicle has its own power and can be used to pull, carry, or tow a transport unit loaded with goods.

Refer to TransportVehicleType definition for any enumerations.

ChangesAllowed [attribute]

ChangesAllowed is optional. A single instance might exist.

Indicates if the given information is allowed to be changed or not, i.e. if a logistics partner is bound to execute as instructed or can change instructed requirements.

Refer to ChangesAllowed definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

TransportVehicleCode

TransportVehicleCode is optional. A single instance might exist.

A code defining the primary means of transporting the goods.

TransportVehicleMeasurements

TransportVehicleMeasurements is optional. A single instance might exist.

A group item containing the measurements (length, height, weight, and width) of the transport vehicle.

TransportVehicleEquipment

TransportVehicleEquipment is optional. Multiple instances might exist.

A group item defining extra equipment of the transport vehicle.

TransportVehicleCount

TransportVehicleCount is optional. A single instance might exist.

The number of vehicles used to transport the goods.

TransportVehicleIdentifier

TransportVehicleIdentifier is optional. Multiple instances might exist.

The identifier of the transport vehicle (license plate number, voyage number, or vessel name). TransportVehicleIdentifier contains the TransportVehicleIdentifierType attribute.

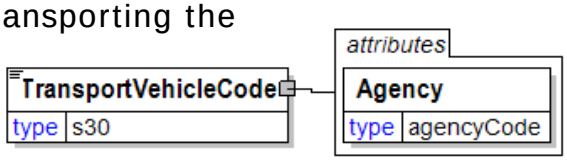
TransportVehicleText

TransportVehicleText is optional. A single instance might exist.

A text field further describing the transport vehicle.

TransportVehicleCode

A code defining the primary means of transporting the goods.



Agency [attribute]

Agency is mandatory. A single instance is required.

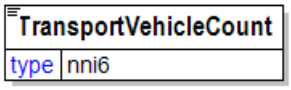
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

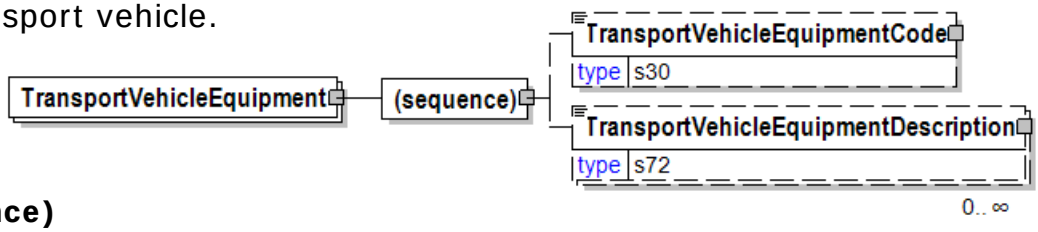
TransportVehicleCount

The number of vehicles used to transport the goods.



TransportVehicleEquipment

A group item defining extra equipment of the transport vehicle.



(sequence)

The sequence of items below is mandatory. A single instance is required.

TransportVehicleEquipmentCode

TransportVehicleEquipmentCode is optional. A single instance might exist.

TransportVehicleEquipmentCode is a code describing extra equipment of the transport vehicle.

TransportVehicleEquipmentDescription

TransportVehicleEquipmentDescription is optional. Multiple instances might exist.

A text field element describing the extra equipment of the transport vehicle.

TransportVehicleEquipmentCode

TransportVehicleEquipmentCode is a code describing extra equipment of the transport vehicle.



Agency [attribute]

Agency is mandatory. A single instance is required.

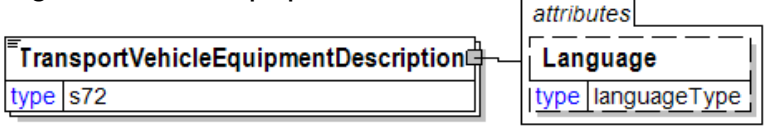
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

TransportVehicleEquipmentDescription

A text field element describing the extra equipment of the transport vehicle.



Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

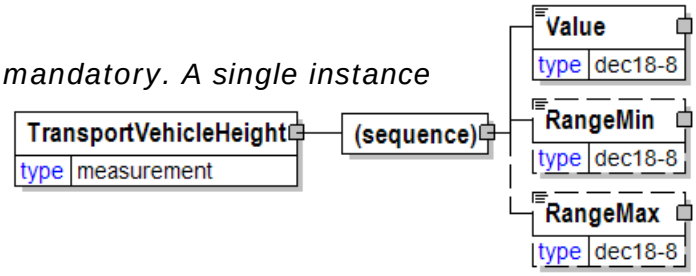
Refer to Language definition for any enumerations.

TransportVehicleHeight

The number of vehicles used to transport the goods.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

RangeMax

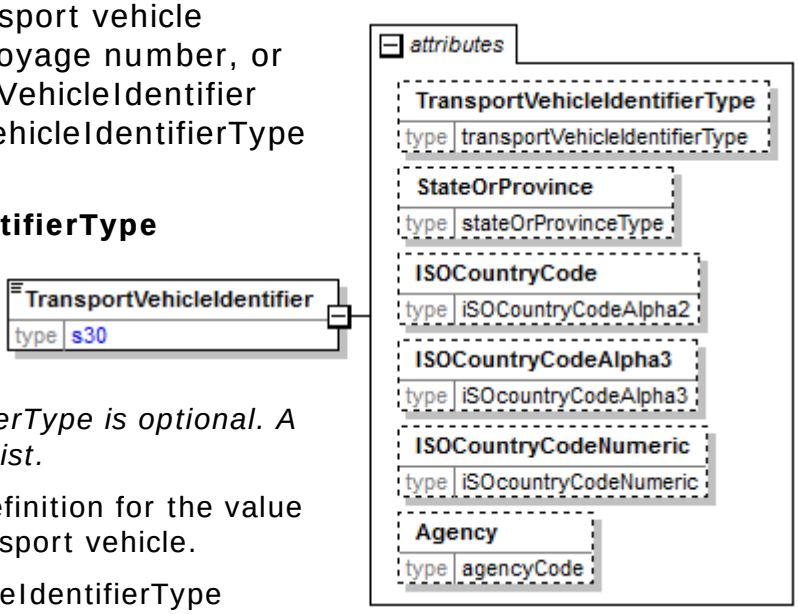
RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

TransportVehicleIdentifier

The identifier of the transport vehicle (license plate number, voyage number, or vessel name). TransportVehicleIdentifier contains the TransportVehicleIdentifierType attribute.

TransportVehicleIdentifierType [attribute]



TransportVehicleIdentifierType is optional. A single instance might exist.

Provides a contextual definition for the value used to identify the transport vehicle.

Refer to TransportVehicleIdentifierType definition for any enumerations.

StateOrProvince [attribute]

StateOrProvince is optional. A single instance might exist.

The political designation or boundary of a specific area of land.

ISOCountryCode [attribute]

ISOCountryCode is optional. A single instance might exist.

The valid Alpha 2-character list of ISO Country Codes.

Refer to ISOCountryCode definition for any enumerations.

ISOCountryCodeAlfa3 [attribute]

ISOCountryCodeAlfa3 is optional. A single instance might exist.

The valid Alpha 3-character list of ISO Country Codes.

Refer to ISOCountryCodeAlfa3 definition for any enumerations.

ISOCountryCodeNumeric [attribute]

ISOCountryCodeNumeric is optional. A single instance might exist.

The valid Numeric 3-digit list of ISO Country Codes.

Refer to ISOCountryCodeNumeric definition for any enumerations.

Agency [attribute]

Agency is optional. A single instance might exist.

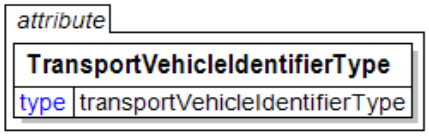
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

TransportVehicleIdentifierType [attribute]

Provides a contextual definition for the value used to identify the transport vehicle.



This item is restricted to the following list.

AssignedByAgencyID

A unique identifier that has been assigned by the agency given in the attribute Agency. Attribute Agency is mandatory when AssignedByAgency is used.

AssignedByMachineOwnerID

A unique identifier that has been assigned by the owner of the machine.

FlightNumber

A flight number.

GlobalReturnableAssetIdentifier

To be removed in v3r00.

IMONumber

An identifier type for a Vessel.

LicencePlateNumber

A licence plate number.

MachineID

A globally unique identifier for the machine. It is an identifier belonging to the machine independent of the owner of the machine, e.g. a GUID number.

RadioCallSign

An identifier type for a Vessel

RFTag

To be deprecated in future versions. Please use RFTagSerialNumber instead.

RFTagSerialNumber

The fixed built-in identifier of a RFID unit.

SerialisedShippingContainerCode

To be removed in v3r00.

StandardCarrierAlphaCode

The code used to identify the carrier by the applicable governing body.

TrainNumber

The official identifier assigned by the railways to this particular train movement.

VesselName

The registered name of the vessel.

VoyageNumber

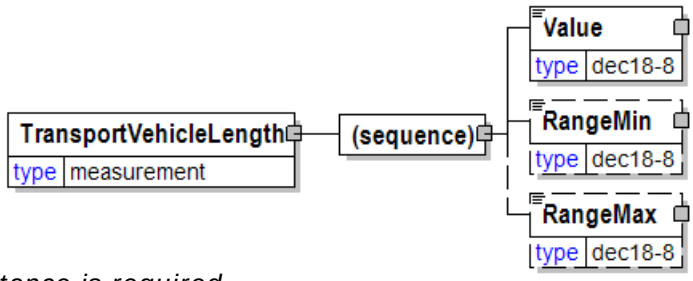
The official identifier assigned for the voyage, usually by port authorities. Also known as Unique Voyage Identifier, UVI.

Other

Used for any other transport vehicle identifiers not covered by this list.

TransportVehicleLength

The length of the transport vehicle in a valid UOM (usually meters or feet).



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

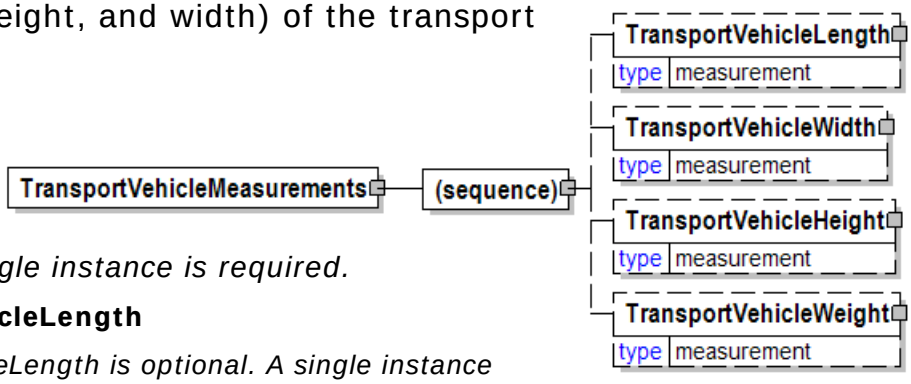
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

TransportVehicleMeasurements

A group item containing the measurements (length, height, weight, and width) of the transport vehicle.



(sequence)

The sequence of items below is mandatory. A single instance is required.

TransportVehicleLength

TransportVehicleLength is optional. A single instance might exist.

The length of the transport vehicle in a valid UOM (usually meters or feet).

TransportVehicleWidth

TransportVehicleWidth is optional. A single instance might exist.

The width of the transport vehicle in a valid UOM (usually meters or feet).

TransportVehicleHeight

TransportVehicleHeight is optional. A single instance might exist.

The number of vehicles used to transport the goods.

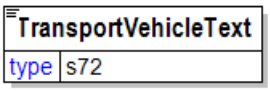
TransportVehicleWeight

TransportVehicleWeight is optional. A single instance might exist.

The weight of the transport vehicle in a valid UOM (usually tons, pounds, or kilograms).

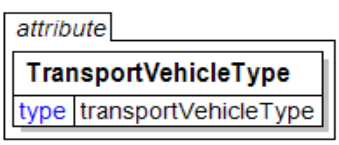
TransportVehicleText

A text field further describing the transport vehicle.



TransportVehicleType [attribute]

Provides details on the transport vehicle. A transport vehicle has its own power and can be used to pull, carry, or tow a transport unit loaded with goods.



This item is restricted to the following list.

Barge

A flat, inland waterways vessel.

ContainerVessel

A vessel for sea transports designed to carry containers. This type will be deprecated in the next version. Please use type Vessel instead and specify detail type if needed by using element TransportUnitDetail.

ConventionalVessel

A vessel for sea transports, loaded/unloaded by LOLO (lift-on/lift-off method). This type will be deprecated in the next version. Please use type Vessel instead and specify detail type if needed by using element TransportUnitDetail.

ForestryForwarder

A forestry vehicle that carries felled logs and other wood from the stump to a roadside landing. It carries wood clear of the ground and is typically employed in cut-to-length logging operations.

RollOnOffShip

A vessel for sea transport, loaded/unloaded by RORO (roll-on/roll-off method). This type will be deprecated in the next version. Please use type Vessel instead and specify detail type if needed by using element TransportUnitDetail.

SidePortVessel

A vessel for sea transport, loaded/unloaded through side ports in the vessel

side. This type will be deprecated in the next version. Please use type Vessel instead and specify detail type if needed by using element TransportUnitDetail.

Train

A rail-based vehicle for towing of railcars.

Truck

A road vehicle for carrying, pulling or towing of transport units. Other used names are Tractor and Lorry.

TruckTrailer

To be removed in Version v3r00. Use Truck instead.

Tug

A water vehicle used for pulling or pushing.

Vessel

A vehicle for sea transports.

Other

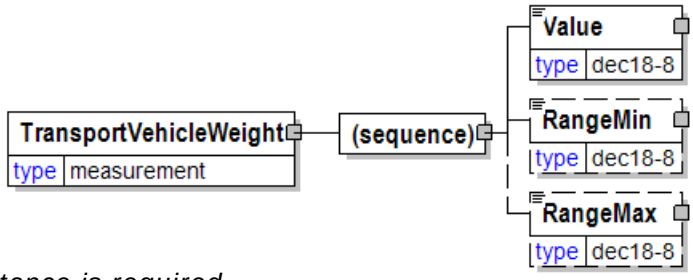
Used for any other transport vehicles not covered by this list.

TransportVehicleWeight

The weight of the transport vehicle in a valid UOM (usually tons, pounds, or kilograms).

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

RangeMax

RangeMax is optional. A single instance might exist.

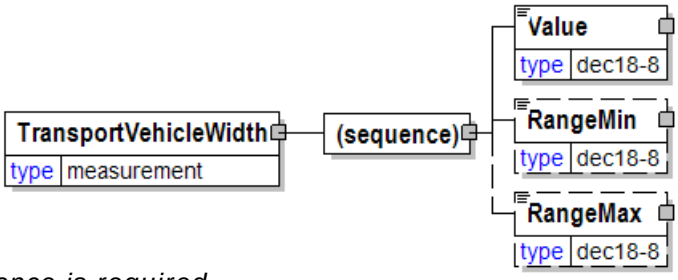
The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

TransportVehicleWidth

The width of the transport vehicle in a valid UOM (usually meters or feet).

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

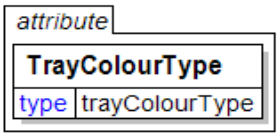
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

TrayColourType [attribute]

The type of tray colour.



This item is restricted to the following list.

Clear

The tray colour is clear.

Coloured

Frosted

Graphite

StandardGray/Brown

The tray colour is standard gray or brown.

White

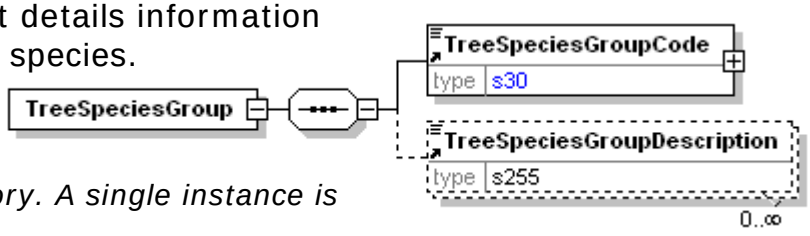
The tray colour is white.

Other

Another colour is used.

TreeSpeciesGroup

A grouping element that details information used for describing tree species.



(sequence)

The sequence of items below is mandatory. A single instance is required.

TreeSpeciesGroupCode

TreeSpeciesGroupCode is mandatory. A single instance is required.

A code defining tree species or groups of tree species.

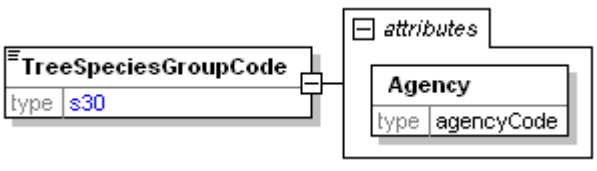
TreeSpeciesGroupDescription

TreeSpeciesGroupDescription is optional. Multiple instances might exist.

A text description of the tree species group.

TreeSpeciesGroupCode

A code defining tree species or groups of tree species.



Agency [attribute]

Agency is mandatory. A single instance is required.

Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.

- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

TreeSpeciesGroupDescription

A text description of the tree species group.



Trim

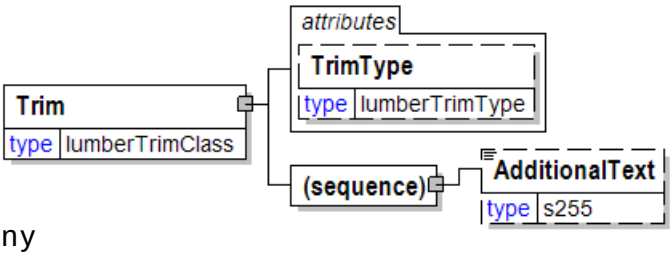
Trim

TrimType [attribute]

TrimType is optional. A single instance might exist.

Trim type

Refer to TrimType definition for any enumerations.



(sequence)

The sequence of items below is mandatory. A single instance is required.

AdditionalText

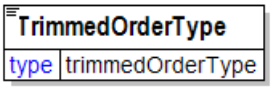
AdditionalText is optional. A single instance might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

TrimmedOrderType

Trimmed Order Type

This item is restricted to the following list.



Explicit

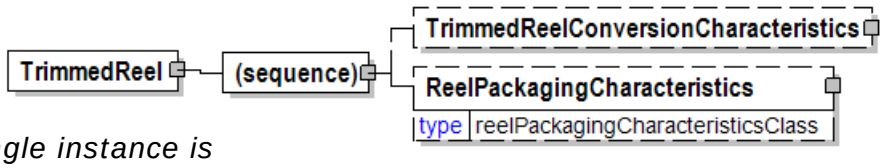
Implicit

TrimmedReel

Trimmed reel

(sequence)

The sequence of items below is mandatory. A single instance is required.



TrimmedReelConversionCharacteristics

TrimmedReelConversionCharacteristics is optional. A single instance might exist.

Conversion characteristics associated with a trimmed reel.

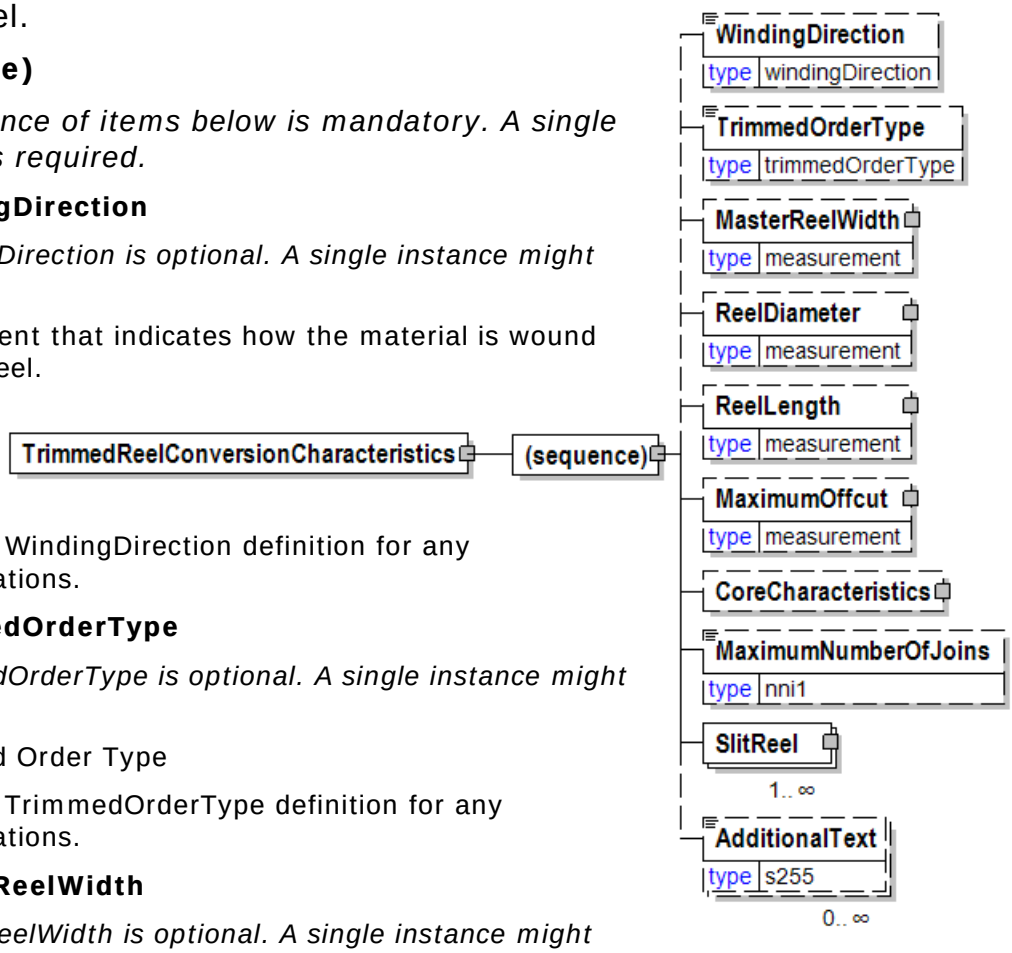
ReelPackagingCharacteristics

ReelPackagingCharacteristics is optional. A single instance might exist.

A group item that lists the packaging elements describing how a reel should be packed.

TrimmedReelConversionCharacteristics

Conversion characteristics associated with a trimmed reel.



(sequence)

The sequence of items below is mandatory. A single instance is required.

WindingDirection

WindingDirection is optional. A single instance might exist.

An element that indicates how the material is wound on the reel.

Refer to WindingDirection definition for any enumerations.

TrimmedOrderType

TrimmedOrderType is optional. A single instance might exist.

Trimmed Order Type

Refer to TrimmedOrderType definition for any enumerations.

MasterReelWidth

MasterReelWidth is optional. A single instance might exist.

The master reel width.

ReelDiameter

ReelDiameter is optional. A single instance might exist.

The diameter measurement of reel excluding packaging.

ReelLength

ReelLength is optional. A single instance might exist.

The total length of the paper on the reel.

MaximumOffcut

MaximumOffcut is optional. A single instance might exist.

Maximum off cut.

CoreCharacteristics

CoreCharacteristics is optional. A single instance might exist.

A group item that details information used to fully define a core.

MaximumNumberOfJoins

MaximumNumberOfJoins is optional. A single instance might exist.

The maximum number of joins requested (permitted). Permits customers to indicate join-free reels.

SlitReel

SlitReel is mandatory. One instance is required, multiple instances might exist.

The SlitReel element represents the elements associated with reel that has been slit into multiple reels.

AdditionalText

AdditionalText is optional. Multiple instances might exist.

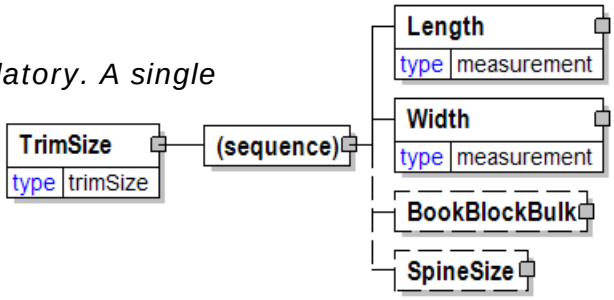
A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

TrimSize

Trim size.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Length

Length is mandatory. A single instance is required.

The length of the object.

Width

Width is mandatory. A single instance is required.

The width of the object.

BookBlockBulk

BookBlockBulk is optional. A single instance might exist.

Measurement of the thickness of the book block.

SpineSize

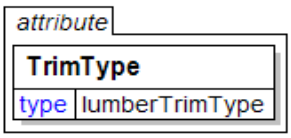
SpineSize is optional. A single instance might exist.

The height of the spine.

TrimType [attribute]

Trim type

This item is restricted to the following list.



DET

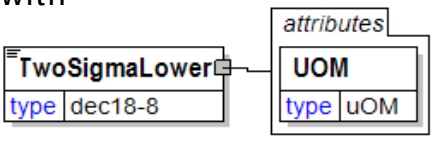
PET

SquareEndTrim

Other

TwoSigmaLower

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.



UOM [attribute]

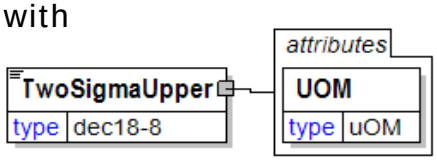
UOM is mandatory. A single instance is required.

Defines the unit of measure for the value.

Refer to UOM definition for any enumerations.

TwoSigmaUpper

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.



UOM [attribute]

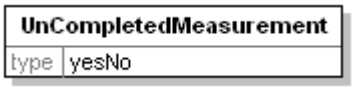
UOM is mandatory. A single instance is required.

Defines the unit of measure for the value.

Refer to UOM definition for any enumerations.

UnCompletedMeasurement [attribute]

Indicates if the measuring of an item is uncompleted, i.e. if some measurement values are missing.



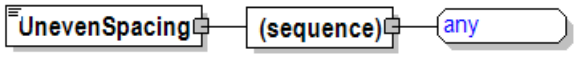
This item is restricted to the following list.

Yes

No

UnevenSpacing

Uneven Spacing



(sequence)

The sequence of items below is mandatory. A single instance is required.

[Any Type]

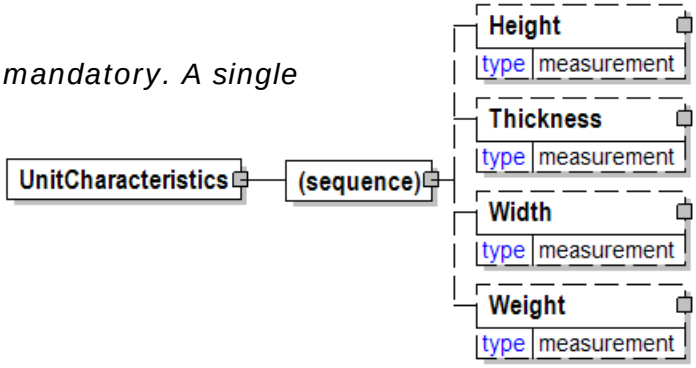
Any type of content is permitted at this point.

UnitCharacteristics

Unit characteristics.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Height

Height is optional. A single instance might exist.

The height of the object.

Thickness

Thickness is optional. A single instance might exist.

Physical dimension of a product.

Width

Width is optional. A single instance might exist.

The width of the object.

Weight

Weight is optional. A single instance might exist.

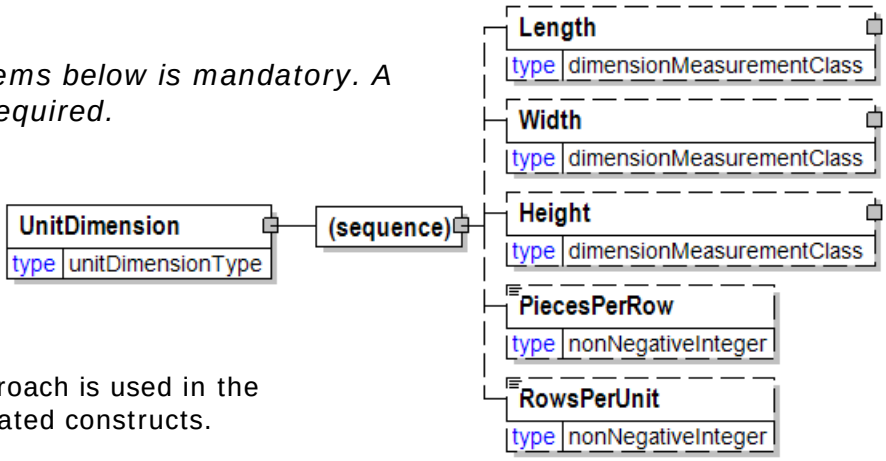
The weight of the item.

UnitDimension

Unit Dimension

(sequence)

The sequence of items below is mandatory. A single instance is required.



Length

Length is optional. A single instance might exist.

The following approach is used in the timber/lumber related constructs.

Width

Width is optional. A single instance might exist.

The approach for width used in the timber/lumber related constructs.

Height

Height is optional. A single instance might exist.

The height of the object. (Used in wood/timber items.)

PiecesPerRow

PiecesPerRow is optional. A single instance might exist.

This element details the number of pieces or individual items that are to be placed/packaged in a row within the unit. Usually used to identify the standard number of pieces in a standard packaging unit of the product.

RowsPerUnit

RowsPerUnit is optional. A single instance might exist.

The number of rows of items, are to be placed/packaged within the unit. Usually used to identify the standard number of rows in a standard packaging unit of the product.

UnitItem

Unit Item.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Identifier

Identifier is optional. Multiple instances might exist.

An Identifier is required for packages and items (pallets, reel packages, boxes, ream items, reel items, etc). The Identifier element contains the actual item identifier code. Identifier is repeatable so more than one identifier can be communicated. For example, the printed identifier on a label may be different from the barcode printed on the label.

Product

Product is optional. A single instance might exist.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

UnitCharacteristics

UnitCharacteristics is optional. A single instance might exist.

Unit characteristics.

Quantity

Quantity is optional. A single instance might exist.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

UnitReference

UnitReference is optional. Multiple instances might exist.

An element detailing relevant references pertaining to the Unit. The type of reference is identified by the attributes UnitReferenceType and AssignedBy.

OtherDate

OtherDate is optional. Multiple instances might exist.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

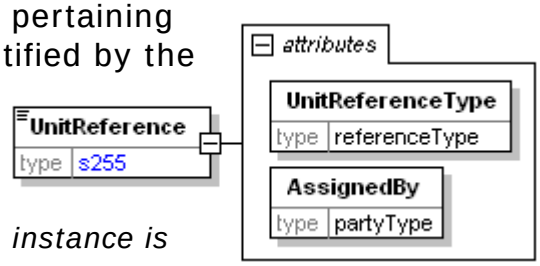
SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency.

UnitReference

An element detailing relevant references pertaining to the Unit. The type of reference is identified by the attributes UnitReferenceType and AssignedBy.



UnitReferenceType [attribute]

UnitReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to UnitReferenceType definition for any enumerations.

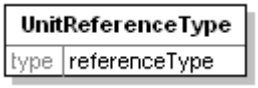
AssignedBy [attribute]

AssignedBy is mandatory. A single instance is required.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

UnitReferenceType [attribute]



Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, Warehouse” or Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute AssignedBy will communicate the information previously communicated in the prefix.

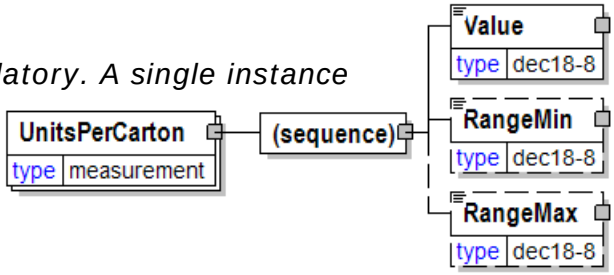
Refer to the referenceType entry for the list of enumerations and their definitions.

UnitsPerCarton

The number of units per box.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

RangeMax

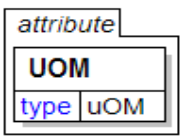
RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

UOM [attribute]

Defines the unit of measure for the value.

This item is restricted to the following list.



AirDryMetricTonne

A unit of measure that identifies the product as 1000 kilograms of product that has been calculated based on an accepted standard representing the contents to be 90% fibre and 10% moisture and adjusted using a moisture percentage test. The AirDryMetricTonne is calculated as GrossWeight X (100 - moisture% / 90)

AirDryPercent

The percentage measured at the time of production using the air dry industry standard (90% fibre, 10% moisture) therefore, 102 AirDryPercent = 102 AirDryPercent / 100 * 90% = 91.8% fibres.

AirDryShortTon

A unit of measure that identifies the product as 2000 pounds of product that has been calculated based on an accepted standard representing the contents to be 90% fibre and 10% moisture and further adjusted using a moisture percentage test. The AirDryShortTon is calculated as GrossWeight X (100 - moisture% / 90)

Bale

The measurement value is a count of bales. A single or rectangular grouping of product

BoardFoot

The measurement value is expressed in board feet.

BookUnit

A copy of a book.

Box

The measurement value is a count of boxes.

Bundle

The measurement value is a count of bundles.

C-Size

Celsius

The measurement value is in Celsius temperature degrees.

Centimeter

The measurement value is expressed in centimetres.

CentimeterPerSecond

Centimeter per second

Cord

One cord of wood equals 128 cubic feet, or a pile of wood 4 feet high, 4 feet thick and 8 feet long.

CubicCentimeterPerGram

Cubic centimeter per gram

CubicCentimeterPerSecond

Cubic centimeter per second

CubicFoot

The measurement value is expressed in cubic feet.

CubicInchesPerSecond

Cubic inches per second

CubicMeter

The measurement value is expressed in cubic meter.

CubicMeterKilometer

The value is expressed as a volume in CubicMeter times a distance in Kilometer, e.g. the unit price for transporting one cubicmeter of wood one kilometer.

CubicMeterPerKilogram

Cubic meter per kilogram

Cubit

The English cubit is 18 inches long (46 cm).

Day

The duration of time equal to 24 hours.

Decimeter

Degree

Degree

DegreesSchopperRiegler

Degree Schopper Riegler

DotsPerInch

An indication of image resolution.

Envelope

An envelope.

Fahrenheit

Fahrenheit

Foot

The measurement value is expressed in feet.

Gallon

The measurement value is in gallons.

Gauge

A unit of measure for diameter and thickness, e.g. for a wire or flat pieces such as sheet metal, thin plastic and film stock.

Gram

The measurement value is expressed in grams.

GramCentimeter

GramForce

GramPerCubicCentimeter

GramPerMeter

GramsPerSquareMeter

The measurement value is expressed in grams per square meter (g/m2).

Hectare

The measurement value is expressed in hectares (10000 square meters).

Hour

The measurement value is expressed in hours.

HundredBoardFeet

HundredLinealFeet

HundredPound

The measurement value is expressed in hundreds of pounds or hundredweight.

HundredSquareFeet

ImpressionCount

The measurement is in number of printed impressions.

Inch

The measurement value is expressed in inches.

JoulePerSquareMeter

Kilogram

The measurement value is expressed in kilograms.

KilogramCO2e

The measurement value is expressed in equivalent kilograms of carbon dioxide (CO2). A common unit of measure for greenhouse gas (GHG) emissions.

KilogramCO2ePerMetricTon

The measurement value is expressed in equivalent kilograms of carbon dioxide (CO2) per metric ton. A common unit of measure for greenhouse gas (GHG) emissions.

KilogramForcePerSquareCentimeter

KilogramForcePerCentimeter

KilogramPerCubicMeter

KilogramPerSquareMeter

KilogramsPerDay

The measurement value is expressed in kilograms per day.

KilogramsPerWeek

The measurement value is expressed in kilograms per week.

Kilometer

The measurement value is expressed in kilometres.

KiloNewton

KiloNewtonPerMeter

KiloPascal

KiloWattHour

The measurement value is expressed in kilowatt hours (KWh)

KnownBreaks

Known breaks

Layer

The measurement value is a count of layers (for example, the number of boxes per layer on a pallet).

Leaves

Leaves

LinearFoot

The measurement value is expressed in linear feet.

LinesPerInch

Lines Per Inch

Litre

The measurement value is expressed in litres.

Load

The measurement value is a count of shipment loads.

Log

A cut portion of a stem.

LogPile

A pile of logs (a virtual type of package).

LooseVolumeItem

A unit containing loose volume products (during transports) (a type of virtual package).

MagazineUnit

A copy of a magazine.

Megabyte

A unit of information equal to 1,048,576 bytes or 1024 kilobytes.

MegaJoulePerKilogram

The measurement value is expressed in MegaJoule per kilogram.

MegaWattHour

The measurement value is expressed in mega watt hours (MWh).

Meter

The measurement value is expressed in meters.

MeterPerSecond

The measurement value is in meters per second.

MetricTon

The measurement value is expressed in metric tons (in other words, in 1000-kilogram units).

MetricTonKilometer

The value is expressed as a weight in MetricTon times a distance in Kilometer, e.g. the unit price for transporting one metric ton of wood one kilometer.

MetricTonsPerDay

The measurement value is expressed in metric tons per day.

MetricTonsPerHour

The measurement value is expressed in metric tons per hour.

MetricTonsPerWeek

The measurement value is expressed in metric tons per week.

MicroMeterPerPascalSecond

Micron

The measurement is expressed as the number of one-millionths of a meter.

MilligramKOHPerGram

The measurement value is expressed in milligram of Potassium Hydroxide (KOH) per gram. E.g. a unit of measure for how much Potassium Hydroxide is required to neutralize 1 gram of Fatty Acid Methyl Esters (FAME).

MilligramPerKilogram

The measurement value is a mass to mass ratio expressed in milligram per kilogram. E.g. a unit of measure for concentration of chemicals in soil.

MillilitrePerGram

The measurement value is expressed in millilitre per gram. A common unit of measure for product viscosity using ISO-5351.

MilliLitersPerMinute

Millimeter

The measurement value is expressed in millimetres.

MillimeterPerMeter

The measurement value is expressed in millimeter per meter.

MilliNewton

One thousandth of a Newton.

MilliNewtonMeter

MilliNewtonSquareMeterPerGram

Minute

The measurement value is expressed in minutes.

Month

The measurement value is expressed in months.

NanoMeter

Newton

The measurement value is expressed in the unit of force needed to accelerate a mass of one kilogram one meter per second per second.

NewtonMeterPerGram

None

There is no unit of measure. The value is scalar.

Package

The measurement value is a count of packages (for example, the number of reel packages in a shipment). 32 double-wrapped reels would equal 16 packages.

Page

The measurement value is expressed in number of pages.

PagesPerForm

The measurement value is expressed in number of pages per form.

PagesPerImpression

The measurement value is expressed in number of pages per printed impression.

PagesPerInch

The measurement value is a count of the number of pages per inch.

PalletUnit

The measurement value is a count of pallets.

PartsPerMillion

The measurement value is expressed in parts per million.

Percentage

The measurement being communicated is a percentage.

PerThousand

The measurement value is expressed in parts per thousand.

pH

A measurement of acidity.

Picas

The measurement value is expressed in picas.

Piece

The measurement value is number of pieces.

PiecesPerDay

The measurement value is expressed in pieces per day.

PiecesPerHour

The measurement value is expressed in pieces per hour

PiecesPerMeter

The measurement value is expressed in number of pieces per meter. For example used in Forest Wood Supply business as a unit of measurement for knots in a log.

PixelsPerInch

The measurement value is expressed in pixels per inch.

Pound

The measurement value is expressed in pounds.

PoundCO2e

The measurement value is expressed in equivalent pounds of carbon dioxide (CO2). A common unit of measure for greenhouse gas (GHG) emissions.

PoundCO2ePerShortTon

The measurement value is expressed in equivalent pounds of carbon dioxide (CO2) per short ton. A common unit of measure for greenhouse gas (GHG) emissions.

PoundForce

PoundPerCubicFoot

The measurement value is expressed in pounds per cubic foot.

PoundPerSixInchDiameter

The measurement value is expressed in pounds per six inch diameter.

PoundPerSquareInch

The measurement value is expressed in pounds per square inch.

PoundsPerDay

The measurement value is expressed in pounds per day.

PoundsPerHour

The measurement value is expressed in pounds per hour.

PoundsPerWeek

The measurement value is expressed in pounds per week.

PulpUnit

The measurement is related to the packaging characteristic or material handling equipment for the pulp.

Ream

The measurement value is a count of reams.

Reel

The measurement value is a count of reels.

Second

The measurement value of time is expressed in seconds.

Set

The measurement value is a count of sets.

Sheet

The measurement value is a count of sheets.

ShortTon

The measurement value is expressed in short tons.

ShortTonsPerDay

The measurement value is expressed in short tons per day.

ShortTonsPerHour

The measurement value is expressed in short tons per hour.

ShortTonsPerWeek

The measurement value is expressed short tons per week.

Signature

The measurement value is the number of print signatures.

Skid

The measurement value is a count of skids.

SquareFeet

The measurement value is expressed in square feet.

SquareInch

The measurement value is expressed in square inches.

SquareMeter

The measurement value is expressed in square meters.

SquareMeterPerKilogram

SquareMillimeterPerKilogram

The measurement value is expressed in square millimeter per kilogram. A common unit of measure for product dirt using ISO-5350.

SquareMillimeterPerSecond

The measurement value is expressed in square millimeter per second, also called centistok (cSt) after the English physicist George Stokes. E.g. the SI unit for kinematic viscosity.

TenKilometer

The measurement value is expressed in units of 10 kilometers, a.k.a. Swedish mile or Norwegian mile.

ThousandBoardFeet

The measurement value is expressed in thousand board feet.

ThousandLinealFeet

The measurement value is expressed in thousand lineal feet.

ThousandPieces

The measurement value is expressed in thousand of pieces.

ThousandSquareCentimeters

The measurement value is expressed in thousand square centimeters.

ThousandSquareFeet

The measurement value is expressed in thousand square feet.

ThousandSquareInch

The measurement value is expressed in thousand square inches.

Ton

To be deprecated in version 3.0 (no date determined). Use instead MetricTon or ShortTon.

TonsPerHour

To be deprecated in version 3.0 (no date determined). Use instead MetricTonsPerHour or ShortTonsPerHour.

Unit

The measurement value is expressed in individual units (pieces or eaches.

UnknownBreaks

The number of paper breaks, on a printing machine, that are due to unknown causes.

Week

The measurement value is expressed in weeks.

Yard

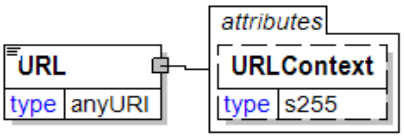
The measurement value is expressed in yards.

Year

The measurement value is expressed in number of years.

URL

Universal Resource Locator. While typically a web address you could use this field to hold an email address.



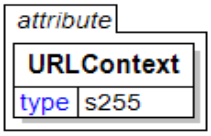
URLContext [attribute]

URLContext is optional. A single instance might exist.

The purpose of the URL.

URLContext [attribute]

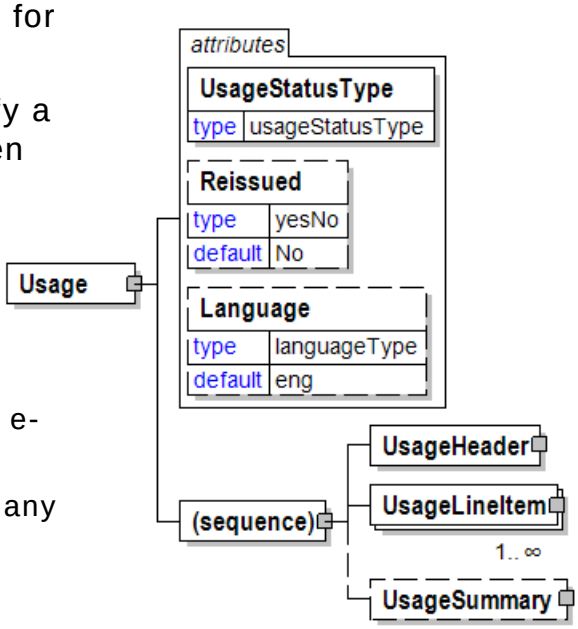
The purpose of the URL.



Usage

The Usage element is the root element for the Usage e-Document.

The Usage e-Document is used to notify a supplier or buyer that material has been consumed within the end user's manufacturing process.



UsageStatusType [attribute]

UsageStatusType is mandatory. A single instance is required.

Identifies the status of the entire Usage e-Document

Refer to UsageStatusType definition for any enumerations.

Reissued [attribute]

Reissued is optional. A single instance might exist.

Either "Yes" or "No".

Refer to Reissued definition for any enumerations.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Refer to Language definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

UsageHeader

UsageHeader is mandatory. A single instance is required.

Information that is common to the entire Usage e-Document.

UsageLineItem

UsageLineItem is mandatory. One instance is required, multiple instances might exist.

The details of the Usage e-Document.

UsageSummary

UsageSummary is optional. A single instance might exist.

The root element of the Usage e-Document.

UsageHeader

Information that is common to the entire Usage e-Document.

(sequence)

The sequence of items below is mandatory. A single instance is required.

UsageNumber

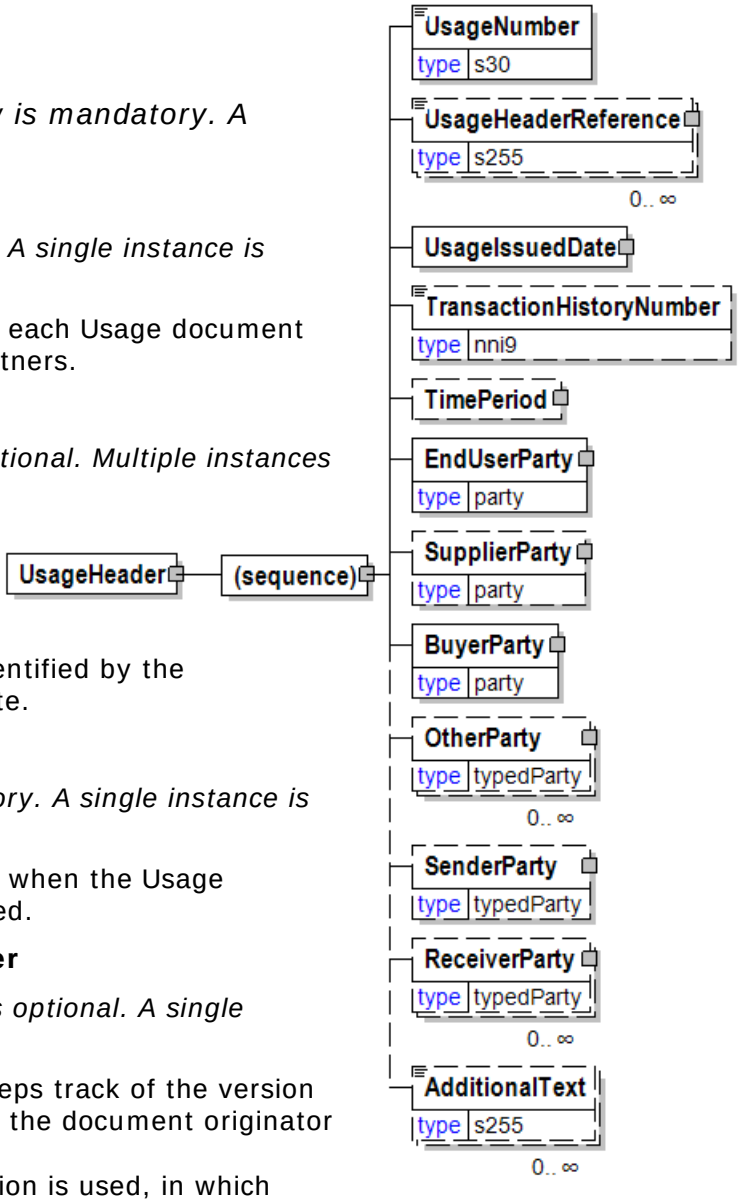
UsageNumber is mandatory. A single instance is required.

Unique identifier assigned to each Usage document as agreed by the trading partners.

UsageHeaderReference

UsageHeaderReference is optional. Multiple instances might exist.

An element that details relevant references to the Usage Header. The content of the UsageHeaderReference is identified by the UsageReferenceType attribute.



UsageIssuedDate

UsageIssuedDate is mandatory. A single instance is required.

Identifies the Date and Time when the Usage information has been reported.

TransactionHistoryNumber

TransactionHistoryNumber is optional. A single instance might exist.

A sequential number that keeps track of the version of a document being sent by the document originator except in the case where TransactionHistoryConfirmation is used, in which case the TransactionHistoryNumber refers to the trigger transaction for which the confirmation is being sent.

TimePeriod

TimePeriod is optional. A single instance might exist.

The TimePeriod element is used to communicate a duration period of time as indicated in PeriodType.

EndUserParty

EndUserParty is mandatory. A single instance is required.

The party using, consuming, or converting the product. For example, a printer using paper reels for a print job for a publisher. The final ShipTo destination for a product is normally to the end user's facilities.

SupplierParty

SupplierParty is optional. A single instance might exist.

The organisation or business entity responsible for providing the product.

SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

BuyerParty

BuyerParty is mandatory. A single instance is required.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

SenderParty

SenderParty is optional. A single instance might exist.

The business entity issuing the e-Document, the source of the document.

The entity responsible for the content. If the sender party has out sourced the message service to a third party the SenderParty is the issuer of the e-Document and not the party performing the transmission service of the electronic message.

ReceiverParty

ReceiverParty is optional. Multiple instances might exist.

The business entity for whom the e-Document is intended, the destination of the document.

The entity interested in the content. If the receiver party has outsourced the message service to a third party the ReceiverParty is the intended party for the e-Document and not the party performing the receiving service of the electronic message.

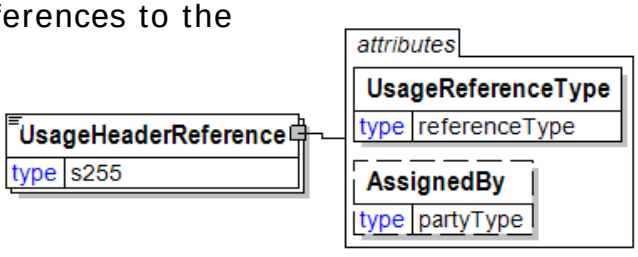
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

UsageHeaderReference

An element that details relevant references to the Usage Header. The content of the UsageHeaderReference is identified by the UsageReferenceType attribute.



UsageReferenceType [attribute]

UsageReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be

announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to UsageReferenceType definition for any enumerations.

AssignedBy [attribute]

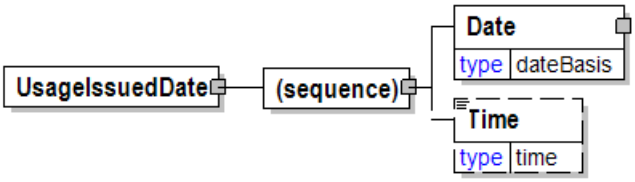
AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

UsageIssuedDate

Identifies the Date and Time when the Usage information has been reported.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is optional. A single instance might exist.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

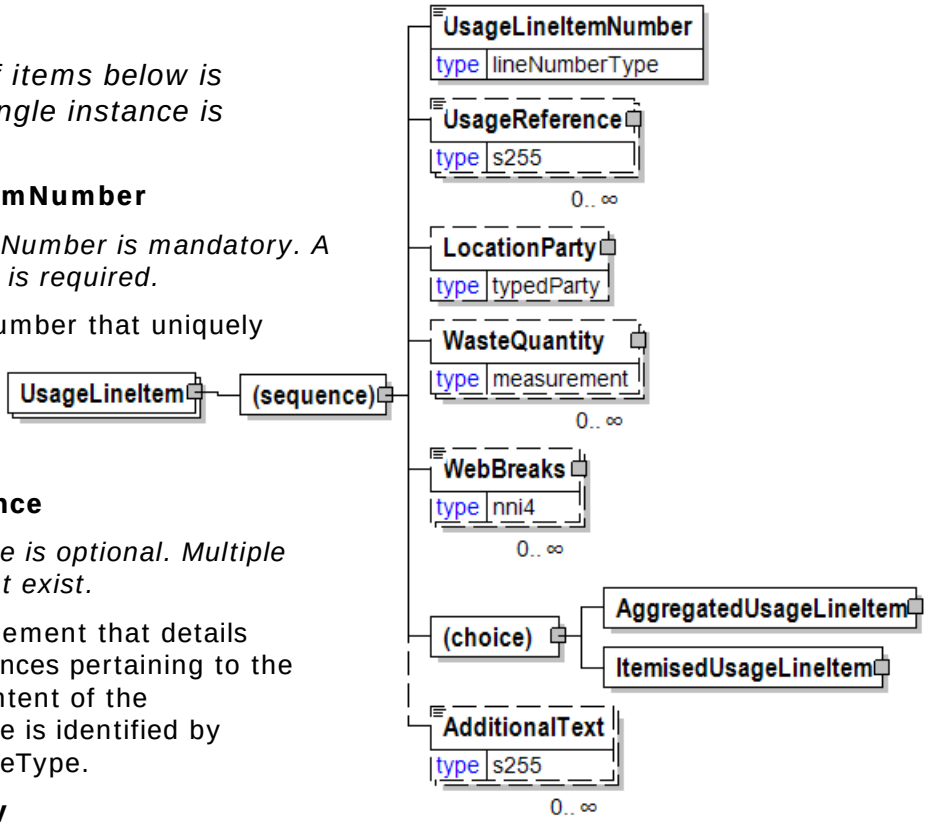
hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

UsageLineItem

The details of the Usage e-Document.



(sequence)

The sequence of items below is mandatory. A single instance is required.

UsageLineItemNumber

UsageLineItemNumber is mandatory. A single instance is required.

A sequential number that uniquely identifies the Usage line item.

UsageReference

UsageReference is optional. Multiple instances might exist.

A repeatable element that details relevant references pertaining to the Usage. The content of the UsageReference is identified by UsageReferenceType.

LocationParty

LocationParty is optional. A single instance might exist.

The organization or business entity where the business event took place or will take place.

WasteQuantity

WasteQuantity is optional. Multiple instances might exist.

The quantity of product wasted.

WebBreaks

WebBreaks is optional. Multiple instances might exist.

The number of web breaks.

(choice)

[choice] is optional because of choice construct.

AggregatedUsageLineItem

AggregatedUsageLineItem is optional because of choice construct.

A group item that summarises item usage at the Product level or at the Product plus PurchaseOrder level. Details concerning the individual items used are not included.

ItemisedUsageLineItem

ItemisedUsageLineItem is optional because of choice construct.

A group item containing information that relates to an itemized amount of usage.

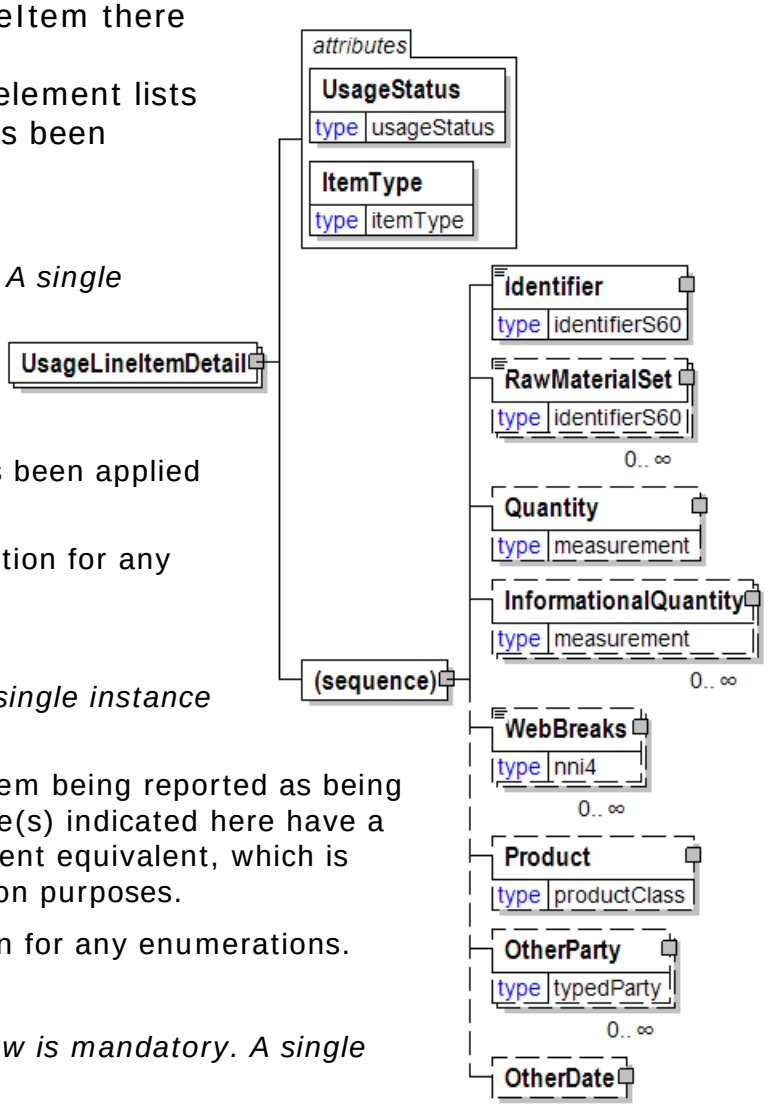
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

UsageLineItemDetail

For each ItemisedUsageLineItem there must be one or more UsageLineItemDetail. This element lists the specific product that has been consumed.



UsageStatus [attribute]

UsageStatus is mandatory. A single instance is required.

The Usage Status element identifies the state of an individual item after consumption has been applied to it.

Refer to UsageStatus definition for any enumerations.

ItemType [attribute]

ItemType is mandatory. A single instance is required.

Indicates the form of the item being reported as being used. Many of the ItemType(s) indicated here have a corresponding named element equivalent, which is referenced here for definition purposes.

Refer to ItemType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Identifier

Identifier is mandatory. A single instance is required.

An Identifier is required for packages and items (pallets, reel packages, boxes, ream items, reel items, etc). The Identifier element contains the actual item identifier code. Identifier is repeatable so more than one identifier can be communicated. For example, the printed identifier on a label may be different from the barcode printed on the label.

RawMaterialSet

RawMaterialSet is optional. Multiple instances might exist.

This identifier derived element indicates a grouping of raw materials that were used to manufacture the product.

Quantity

Quantity is optional. A single instance might exist.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

A quantity given in a valid UOM used for information purposes only (not for calculation). For example, an ordered quantity was 100 reels as opposed to the invoice quantity of 20,000 pounds.

WebBreaks

WebBreaks is optional. Multiple instances might exist.

The number of web breaks.

Product

Product is optional. A single instance might exist.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

OtherParty

OtherParty is optional. Multiple instances might exist.

An organisation or business entity other than those specifically detailed within a e-Document.

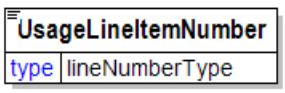
OtherDate

OtherDate is optional. A single instance might exist.

A date that may not be specifically detailed within a document (example: print date at the PurchaseOrderLineItem).

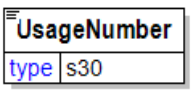
UsageLineItemNumber

A sequential number that uniquely identifies the Usage line item.



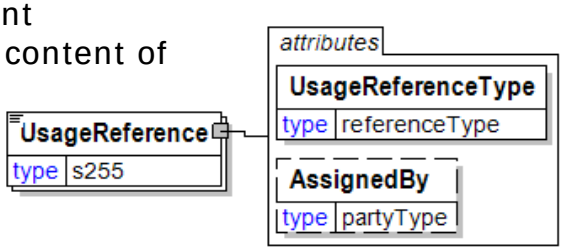
UsageNumber

Unique identifier assigned to each Usage document as agreed by the trading partners.



UsageReference

A repeatable element that details relevant references pertaining to the Usage. The content of the UsageReference is identified by UsageReferenceType.



UsageReferenceType [attribute]

UsageReferenceType is mandatory. A single instance is required.

Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to UsageReferenceType definition for any enumerations.

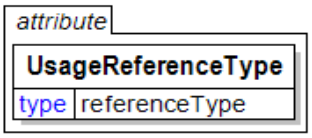
AssignedBy [attribute]

AssignedBy is optional. A single instance might exist.

Identifies the type of party that has assigned the associated item, e.g. a reference of type OrderNumber.

Refer to AssignedBy for any enumerations.

UsageReferenceType [attribute]

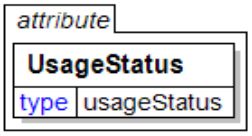


Provides a contextual explanation of the specific reference identifier. Many items are currently prefixed by “Buyer”, “Forwarder”, “Manufacturer”, “Mill”, “Seller”, “Supplier”, “Warehouse”, or “Vendor”. Check for an existing non-prefixed version and use the non-prefixed version instead. In the (yet to be announced release date) version 3.0 the prefixed versions will be removed. Instead the attribute @AssignedBy will communicate the information previously communicated in the prefix.

Refer to the referenceType entry for the list of enumerations and their definitions.

UsageStatus [attribute]

The Usage Status element identifies the state of an individual item after consumption has been applied to it.



This item is restricted to the following list.

Consumed

Indicates that the entire item has been consumed.

MachineReject

Indicates that the item has been rejected from the production machine

StrippedButt

Indicates that this item has been prepped for consumption but has not been used in the manufacturing process.

UsableButt

Indicates that a partial amount of a reel product has been consumed and the remainder is useable.

UsablePallet

Indicates that a partial amount of a pallet product has been consumed and the remainder us useable.

UnusableButt

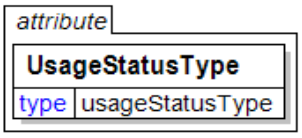
Indicates that a partial amount of a reel product has been consumed and the remainder is not useable.

UnusablePallet

Indicates that a partial amount of a pallet product has been consumed and the remainder is not useable.

UsageStatusType [attribute]

Identifies the status of the entire Usage e-Document



This item is restricted to the following list.

Cancelled

The supplied information has been cancelled. Items that have been cancelled are not included in totals on the summary levels of the e-Document.

Original

The supplied information is the first version of that information.

Replaced

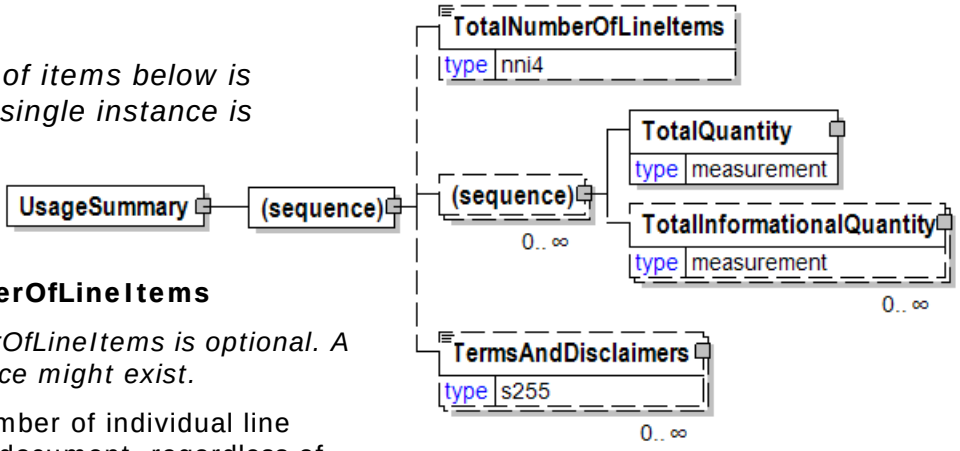
The supplied information is replacing earlier supplied information. The receiver should revalidate the information in their system based upon the entire information received.

UsageSummary

The root element of the Usage e-Document.

(sequence)

The sequence of items below is mandatory. A single instance is required.



TotalNumberOfLineItems

TotalNumberOfLineItems is optional. A single instance might exist.

The total number of individual line items in the document, regardless of the status or type.

(sequence)

The sequence of items below is optional. Multiple instances might exist.

TotalQuantity

TotalQuantity is mandatory. A single instance is required.

The total quantity of similar items in the e-Document. TotalQuantity is primarily used in the summary section of documents where it is repeatable to permit totaling for different units of measure.

TotalInformationalQuantity

TotalInformationalQuantity is optional. Multiple instances might exist.

A quantity that is used to communicate related information about the parent element. This element represents a total that is derived from individual line items.

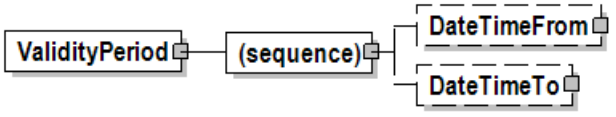
TermsAndDisclaimers

TermsAndDisclaimers is optional. Multiple instances might exist.

An element that contains legal information with an indication of what the Language is.

ValidityPeriod

The validity period for a specific item, e.g. the validity period for an e-Document.



(sequence)

The sequence of items below is mandatory. A single instance is required.

DateTimeFrom

DateTimeFrom is optional. A single instance might exist.

The start or beginning Date and Time of a date range.

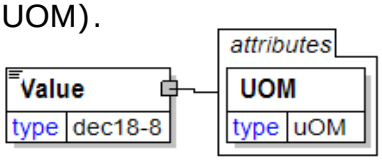
DateTimeTo

DateTimeTo is optional. A single instance might exist.

The ending Date and Time of a date/time range.

Value

A numeric value expressed in the unit of measure (UOM).



UOM [attribute]

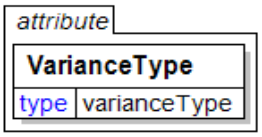
UOM is mandatory. A single instance is required.

Defines the unit of measure for the value.

Refer to UOM definition for any enumerations.

VarianceType [attribute]

Defines the type of difference that the GoodsReceiptPackage has from the information on the DeliveryMessage



This item is restricted to the following list.

DifferingWeights

The physical item was weighed and the weight is different from the DeliveryMessage weight.

NotReceived

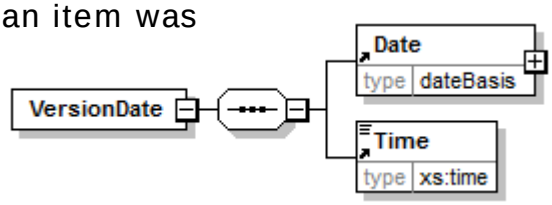
The physical item that was specified on the DeliveryMessage was not received.

ReceivedNotSpecified

The physical item was received but was not on the DeliveryMessage

VersionDate

The Date and Time when the version of an item was issued.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

Time

Time is mandatory. A single instance is required.

Times are treated in a standard XML fashion with a special case used to indicate a generalized “local” time. The standard XML approach to time is hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

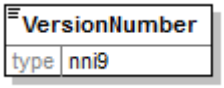
hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.

hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next bullet it will be important for users within UTC to use “Z” when communicating a time in their time zone to other users.

hh:mm:ss or hh:mm indicates in the XML standard the time at UTC however, within papiNet it is used to represent the applicable local time. Caution should be used when processing times of this nature as the papiNet approach may be in discord with other users of XML.

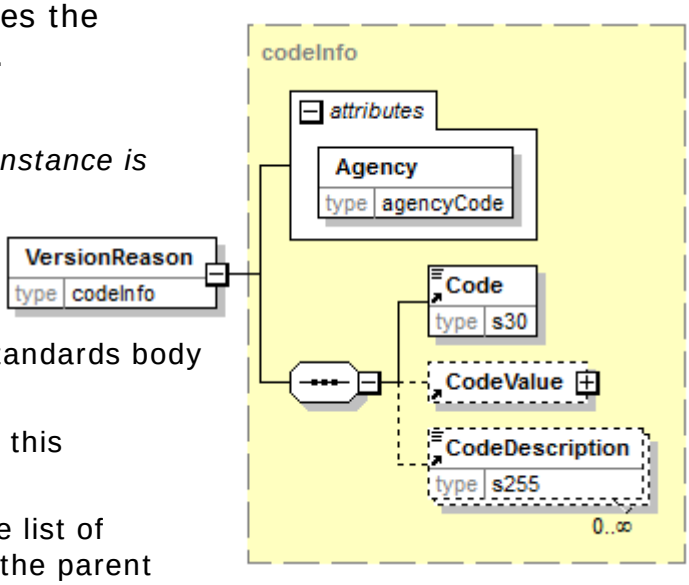
VersionNumber

A unique number identifying the version of an item.



VersionReason

A grouping element that specifies the reason for a version of an item.



Agency [attribute]

Agency is mandatory. A single instance is required.

Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Code

Code is mandatory. A single instance is required.

Specifies a code that is defined by an agency. The agency is given for the whole construct containing the code.

CodeValue

CodeValue is optional. A single instance might exist.

A grouping element specifying a value belonging to a code that is defined by an agency.

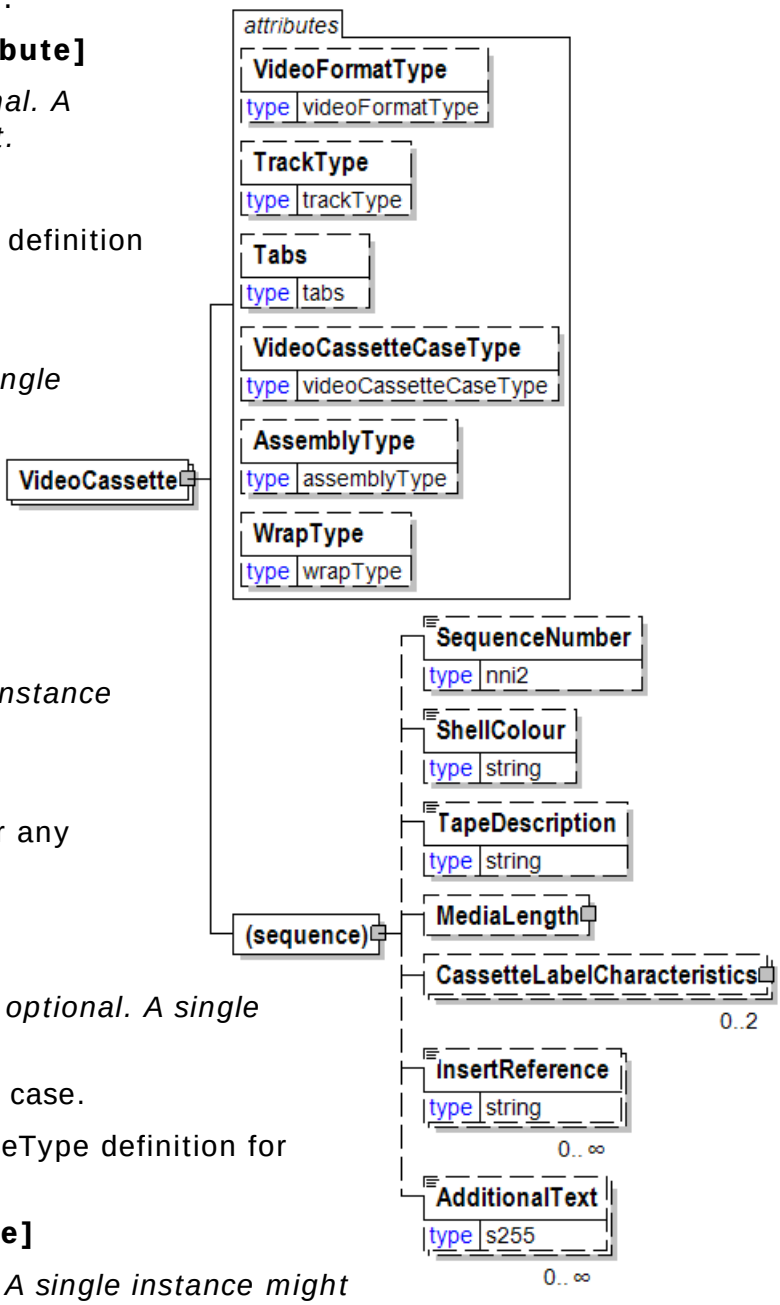
CodeDescription

CodeDescription is optional. Multiple instances might exist.

A textual description for the meaning of a code that is defined by an agency.

VideoCassette

Video cassette information.



VideoFormatType [attribute]

VideoFormatType is optional. A single instance might exist.

The type of video format.

Refer to VideoFormatType definition for any enumerations.

TrackType [attribute]

TrackType is optional. A single instance might exist.

The type of track

Refer to TrackType definition for any enumerations.

Tabs [attribute]

Tabs is optional. A single instance might exist.

The type of tabs

Refer to Tabs definition for any enumerations.

VideoCassetteCaseType [attribute]

VideoCassetteCaseType is optional. A single instance might exist.

The type of video cassette case.

Refer to VideoCassetteCaseType definition for any enumerations.

AssemblyType [attribute]

AssemblyType is optional. A single instance might exist.

Assembly type

Refer to AssemblyType definition for any enumerations.

WrapType [attribute]

WrapType is optional. A single instance might exist.

Communicates the type of material used to wrap the product.

Refer to WrapType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

SequenceNumber

SequenceNumber is optional. A single instance might exist.

ShellColour

ShellColour is optional. A single instance might exist.

Shell colour

TapeDescription

TapeDescription is optional. A single instance might exist.

Tape description

MediaLength

MediaLength is optional. A single instance might exist.

Media length

CassetteLabelCharacteristics

CassetteLabelCharacteristics is optional.

Cassette label characteristics

InsertReference

InsertReference is optional. Multiple instances might exist.

Insert reference

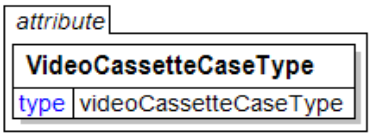
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

VideoCassetteCaseType [attribute]

The type of video cassette case.



This item is restricted to the following list.

HardPlastic

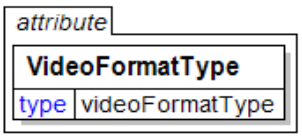
VacuumAlbum

SleeveBottomLoaded

SleeveSideLoaded

VideoFormatType [attribute]

The type of video format.



This item is restricted to the following list.

VHS

Video Home System

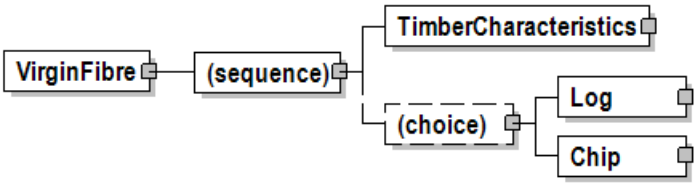
PCL

VirginFibre

Virgin Fibre

(sequence)

The sequence of items below is mandatory. A single instance is required.



TimberCharacteristics

TimberCharacteristics is mandatory. A single instance is required.

Timber characteristics

(choice)

[choice] is optional because of choice construct.

Log

Log is optional because of choice construct.

Log information

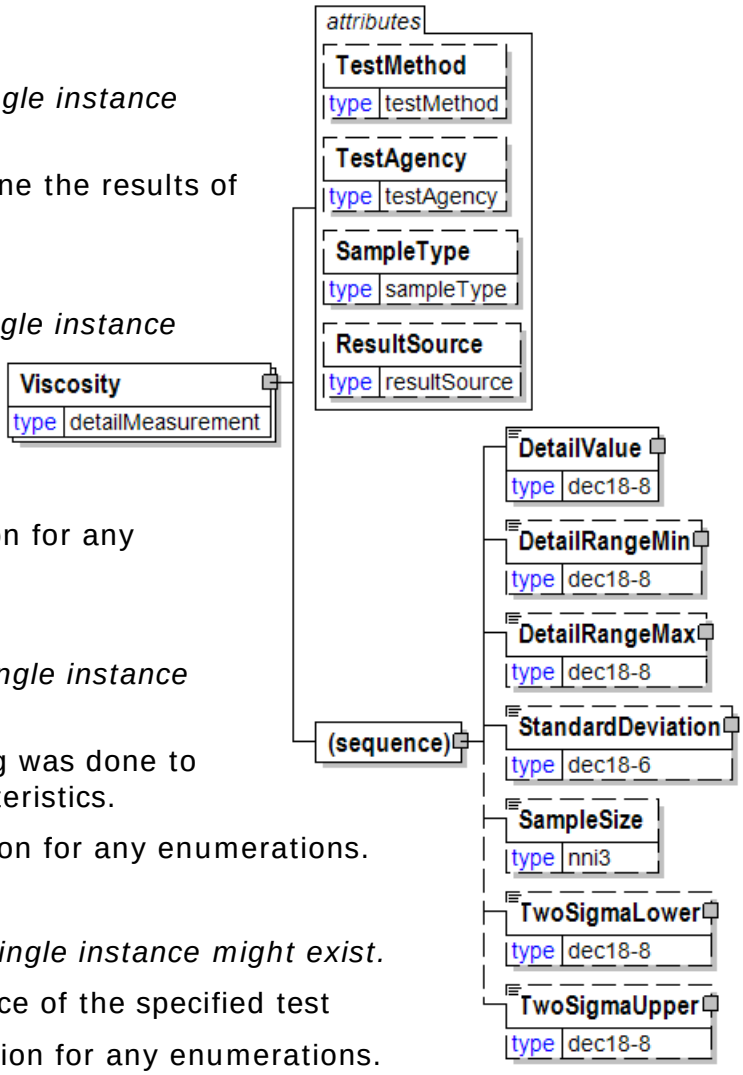
Chip

Chip is optional because of choice construct.

Chip information.

Viscosity

Viscosity



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

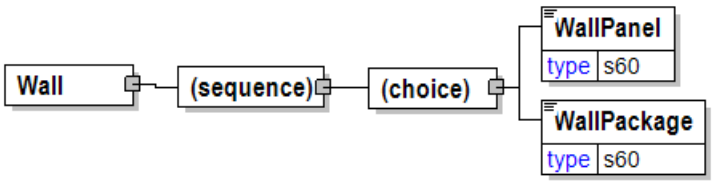
Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

Wall

Defines parts and complete wall systems.

(sequence)

The sequence of items below is mandatory. A single instance is required.



(choice)

[choice] is optional because of choice construct.

WallPanel

WallPanel is optional because of choice construct.

Material used for wall surface.

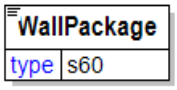
WallPackage

WallPackage is optional because of choice construct.

Package including parts to build a wall.

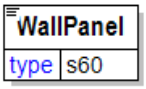
WallPackage

Package including parts to build a wall.



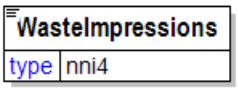
WallPanel

Material used for wall surface.



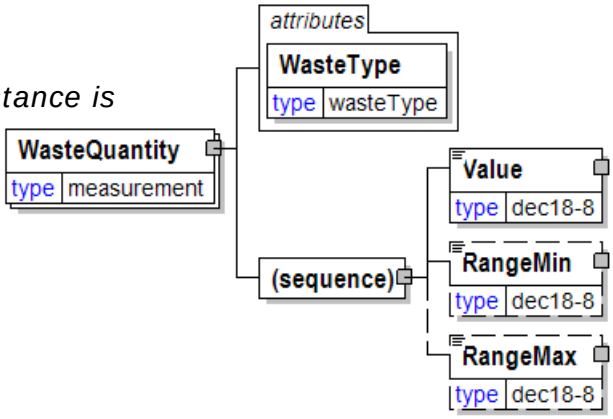
WasteImpressions

The number of bad revolutions produced on a printing unit.



WasteQuantity

The quantity of product wasted.



WasteType [attribute]

WasteType is mandatory. A single instance is required.

An indication of where in the process the waste has taken place.

Refer to WasteType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

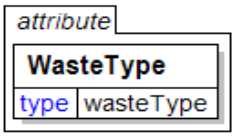
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

WasteType [attribute]

An indication of where in the process the waste has taken place.



This item is restricted to the following list.

Binding

Core

MakeReady

Running

Strip

WrapCore

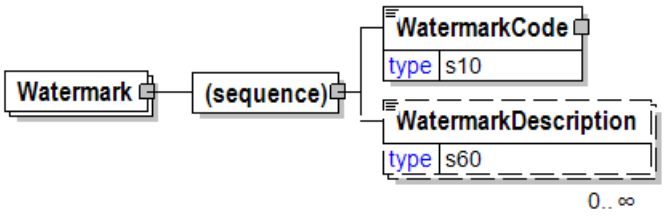
Wrapper

Watermark

Watermark information

(sequence)

The sequence of items below is mandatory. A single instance is required.



WatermarkCode

WatermarkCode is mandatory. A single instance is required.

The code representing the watermark on the paper.

WatermarkDescription

WatermarkDescription is optional. Multiple instances might exist.

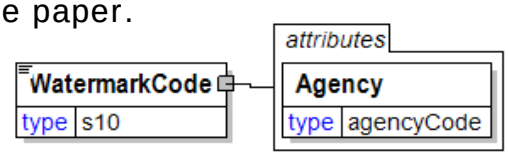
Watermark Description

WatermarkCode

The code representing the watermark on the paper.

Agency [attribute]

Agency is mandatory. A single instance is required.



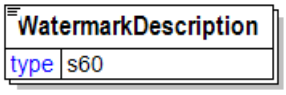
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

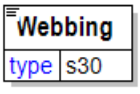
WatermarkDescription

Watermark Description



Webbing

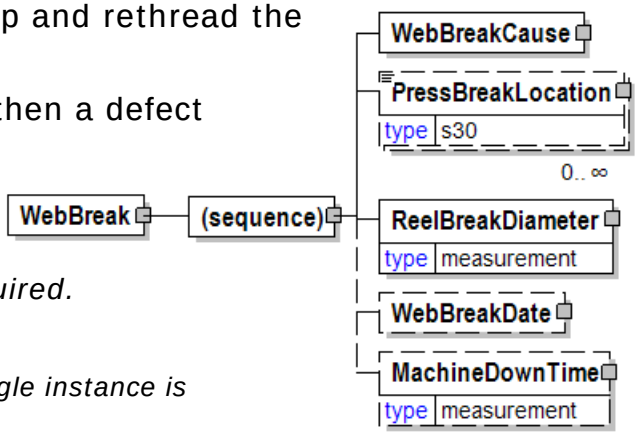
The webbing that is used in the printing process.



WebBreak

Separation of the paper web during the printing process causing the operator to stop and rethread the press.

If the ConcernIndicatorType is “Y” then a defect cause must be given.



(sequence)

The sequence of items below is mandatory. A single instance is required.

WebBreakCause

WebBreakCause is mandatory. A single instance is required.

A group element that contains information that describes the cause of a web break.

PressBreakLocation

PressBreakLocation is optional. Multiple instances might exist.

The specific location identified within a printing press.

ReelBreakDiameter

ReelBreakDiameter is mandatory. A single instance is required.

The diameter of a reel at which the web break occurred. This is measured from the core to outside diameter.

WebBreakDate

WebBreakDate is optional. A single instance might exist.

The date of the web break.

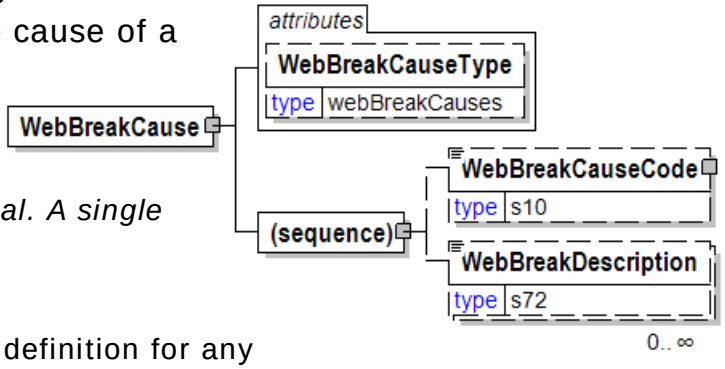
MachineDownTime

MachineDownTime is optional. A single instance might exist.

The length of loss production time that a machine experienced due to malfunction regardless of cause.

WebBreakCause

A group element that contains information that describes the cause of a web break.



WebBreakCauseType [attribute]

WebBreakCauseType is optional. A single instance might exist.

Web Break Cause Type

Refer to WebBreakCauseType definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

WebBreakCauseCode

WebBreakCauseCode is optional. A single instance might exist.

Codes pertaining to the break supplied by the User.

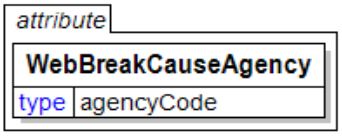
WebBreakDescription

WebBreakDescription is optional. Multiple instances might exist.

Description of the web break

WebBreakCauseAgency [attribute]

WebBreakCauseAgency



This item is restricted to the following list.

AFPA

American Forest and Paper Association.

AFNOR

AFNOR is an association specialized in standardization and certification in France. http://www.afnor.org/en

AmericanChemicalSociety

The American Chemical Society is a scientific society based in the United States that supports scientific inquiry in the field of chemistry. (www.acs.org)

ANSI

American National Standards Institute.

APPITA

Technical Association of the Australian and NZ Pulp and Paper Industry.

ASTM

ASTM International, known until 2001 as the American Society for Testing and Materials (ASTM), is an international standards organization that develops and publishes voluntary consensus technical standards for a wide range of materials, products, systems, and services. For example Winter Class diesel has to fulfil ASTM standards. (http://www.astm.org)

ATA

ATA (American Truckers Association)

BISAC

Book Industry Study Group

Bowker

The agency that issues the StandardAddressNumber (www.bowker.com).

BSI

British Standards Institute (refer to bsi-global.com for more information).

Buyer

The buyer has defined the codes used in the particular element of the transaction. Care must be used when using this agency to assure that the recipient of the e-Document understands what is being communicated. (Not to be used for logistics buyer, see LogisticsBuyer.)

Carrier

The carrier has defined the codes used in the particular element of the transaction. Care must be used when using this agency to assure that the recipient of the e-Document understands what is being communicated.

CCTI

Composite Can and Tube Institute

CEN

European Committee for Standardisation (http://www.cen.eu)

CEPI

Confederation of European Paper Industries.

CoSe

Agency for the the wood processing industry. (www.commonsense.at)

Customs

Any customs agency.

DUNS

Dun & Bradstreet.

EAN

To be deprecated in next version. In 2005 the EAN organisation changed its name to GS1. Use GS1 instead. http://www.gs1.org/

ECTA-EPCA-CEFIC

European Chemical Transport Association, European Petrochemical Association, European Chemical Council. Information about the joint guidelines developed by these agencies can be found at www.ecta.be.

eMOBOIS

French Forest Wood Supply User Group managed by FCBA.

http://www.fcba.fr/catalogue/1ere-transformation-approvisionnement/actions-collectives/emobois-un-projet-qui-relie-les-entreprises-de-la-mobilisation-et-de-lapprovisionnement-des

EndUser

The end-user has defined the codes used in the particular element of the transaction. Care must be used when using this agency to assure that the recipient of the e-Document understands what is being communicated.

EU

European Union

FINFO

Article numbering agency and system in some Nordic countries for all building products. (www.finfo.se)

Forwarder

The OtherParty indicated by party type “Forwarder” or when communicating OrderStatus the party indicated by ForwarderParty.

FSC

Forest Stewardship Council

GCA

Graphic Communications Association. (This agency now calls itself IDEAlliance.)

GCA-CCTI

The GCA and CCTI combined coding

GOST

Russian federal agency on technical regulating and metrology (http://www.gost.ru).

GS1

GS1 is an international not-for-profit association with Member Organisations in over 100 countries. GS1 is dedicated to the design and implementation of global standards and solutions to improve the efficiency and visibility of supply and demand chains globally and across sectors. http://www.gs1.org/

IFRA

INCA FIEJ Research Association (Technical Research and Consulting Association for the Newspaper Industry).

Intrastat

The agency responsible for collecting statistics on the physical trade of goods between the members of the EU.

ISO

InternationalOrganisationforStandardisation.

ISRI

Institute of Scrap Recycling Industries

LogisticsBuyer

The buyer of the logistics service has defined the codes used in the particular element of the transaction. Care must be used when using this agency to assure that the recipient of the e-Document understands what is being communicated.

LogisticsSeller

The seller of the logistics service has defined the codes used in the particular element of the transaction. Care must be used when using this agency to assure that the recipient of the e-Document understands what is being communicated.

LogisticsSupplier

The supplier of the logistics service has defined the codes used in the particular element of the transaction. Care must be used when using this agency to assure that the recipient of the e-Document understands what is

being communicated.

Measuring Party

The party that is responsible for the measurements at the measuring location.

Mill

The OtherParty indicated by party type “Mill” or when available the party indicated by MillParty.

NOBB

Norwegian Building Products database, (Norsk ByggvareBase)

NMFTA

National Motor Freight Traffic Association (NMFTA)

NPTA

National Paper Trade Association.

Ondule

European Association of Corrugated Base Papers Manufacturers (actually Óndule).

PEFC

www.pefc.org

PMS

Pantone Matching System is a colour matching system that is widely used in the book industry. See www.pantone.com for more information.

PPPC

Pulp and Paper Products Council

Publisher

The person, company or organization responsible for placing a book, journal, or other publication on the market (as opposed to the printer or bookseller); also referred to as the "buyer".

RASI

Article numbering agency and system in Finland for building products. (www.rasi.fi)

RevenueCanada

Canadian Revenue Agency. See www.cra.gc.ca

RVR

Agency maintaining codes for the German wood supply segment. RVR is the abbreviation for "**R**ahmen**V**ereinbarung für den **R**ohholzhandel in Deutschland". (www.rvr-deutschland.de).

SD

Agency maintaining codes for the Norwegian wood supply segment (www.skogdata.no).

SDC

Agency maintaining codes for the Swedish wood supply segment (www.sdc.se).

Seller

The seller of the product has defined the codes used in the particular element of the transaction. Care must be used when using this agency to assure that the recipient of the e-Document understands what is being communicated. (Not to be used for logistics seller, see LogisticsSeller.)

Supplier

The supplier has defined the codes used in the particular element of the transaction. Care must be used when using this agency to assure that the recipient of the e-Document understands what is being communicated. (Not to be used for logistics supplier, see LogisticsSupplier.).

TAPPI

Technical Association for the Paper and Pulp Industry

UCC

To be deprecated in next version. In 2005 the Uniform Code Council (UCC) changed its name to GS1 US as a member organisation of GS1 in United States of America. Use GS1 instead.
http://www.gs1.org/

http://www.gs1us.org/

UIC

International Union of Railways. (http://www.uic.org)
(Union Internationale des Chemins de fer)

UN/ECE

The United Nations – Economic Commission for Europe

WarehouseOperator

WCO

World Customs Organization (refer to wcoomd.org for more information).

XBITS

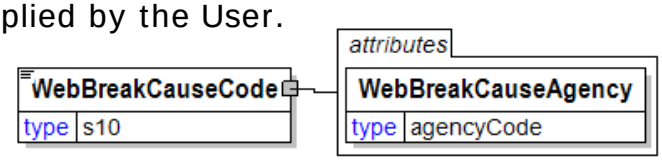
XML Book Industry Transaction Standards

Other

Used when the agency responsible for a coding system is not defined in the attribute list, or there is no agency responsible for the codes used.

WebBreakCauseCode

Codes pertaining to the break supplied by the User.



WebBreakCauseAgency [attribute]

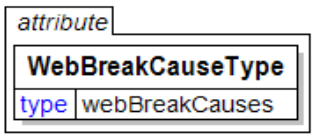
WebBreakCauseAgency is mandatory. A single instance is required.

WebBreakCauseAgency

Refer to WebBreakCauseAgency definition for any enumerations.

WebBreakCauseType [attribute]

Web Break Cause Type



This item is restricted to the following list.

BaggyRoll

CalendarCut

CoatingScuffBack

Detector

FlatSpots

GlueOnRoll

HairCut

InkFellOnWeb

KnifeCut

LooseCore

MillSplice

MissedPaste

PasterJamFolder

RibbonOutFolder

ScorchOut

ScrapInRoll

SlimeHole

SlitterFoldOver

SlitterNicks

StartOrStop

StuckWeb

Telescoped

TensionWrinklesPaste

Unknown

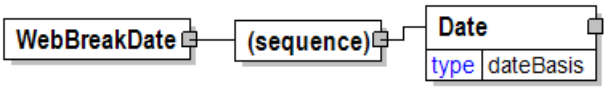
WaterFellOnWeb

WinderBurst

WinderWrinkles

WebBreakDate

The date of the web break.



(sequence)

The sequence of items below is mandatory. A single instance is required.

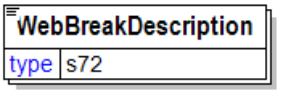
Date

Date is mandatory. A single instance is required.

A group element that contains the specification of Year, Month, and Day.

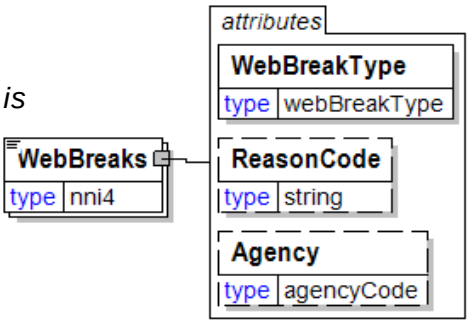
WebBreakDescription

Description of the web break



WebBreaks

The number of web breaks.



WebBreakType [attribute]

WebBreakType is mandatory. A single instance is required.

An indication of the cause of the paper break.

Refer to WebBreakType definition for any enumerations.

ReasonCode [attribute]

ReasonCode is optional. A single instance might exist.

Free-form text providing the Reason Code for the item. An Agency attribute may exist at the same level as this attribute to provide an indication of the nature of the text.

Agency [attribute]

Agency is optional. A single instance might exist.

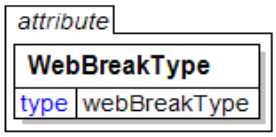
Describes the agency maintaining the list of codes. To be included in this list the agency must be a recognized standards body or industry organisation.

- For the element that owns this attribute.
- For another attribute in the list of attributes associated with the parent element.

Refer to Agency definition for any enumerations.

WebBreakType [attribute]

An indication of the cause of the paper break.



This item is restricted to the following list.

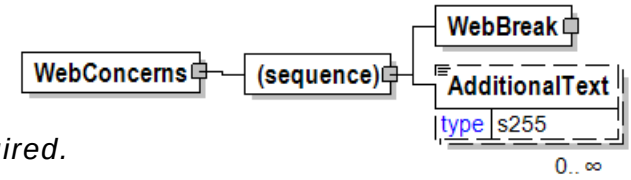
MachineCaused

PaperCaused

Unknown

WebConcerns

A grouping element that contains the information about a web break.



(sequence)

The sequence of items below is mandatory. A single instance is required.

WebBreak

WebBreak is mandatory. A single instance is required.

Separation of the paper web during the printing process causing the operator to stop and rethread the press.

If the ConcernIndicatorType is “Y” then a defect cause must be given.

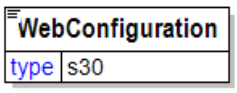
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

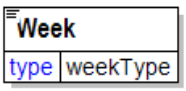
WebConfiguration

The way the web runs through the press.



Week

A field defining the week number of the calendar year. ISO 8601 is used as the basis for this element, “Week 01 of a year is the first week that has the Thursday in this year, which is equivalent to the week that contains the fourth day of January.”

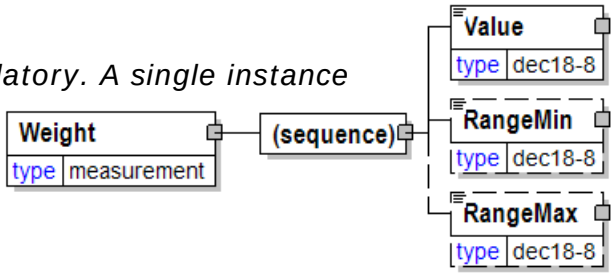


Weight

The weight of the item.

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

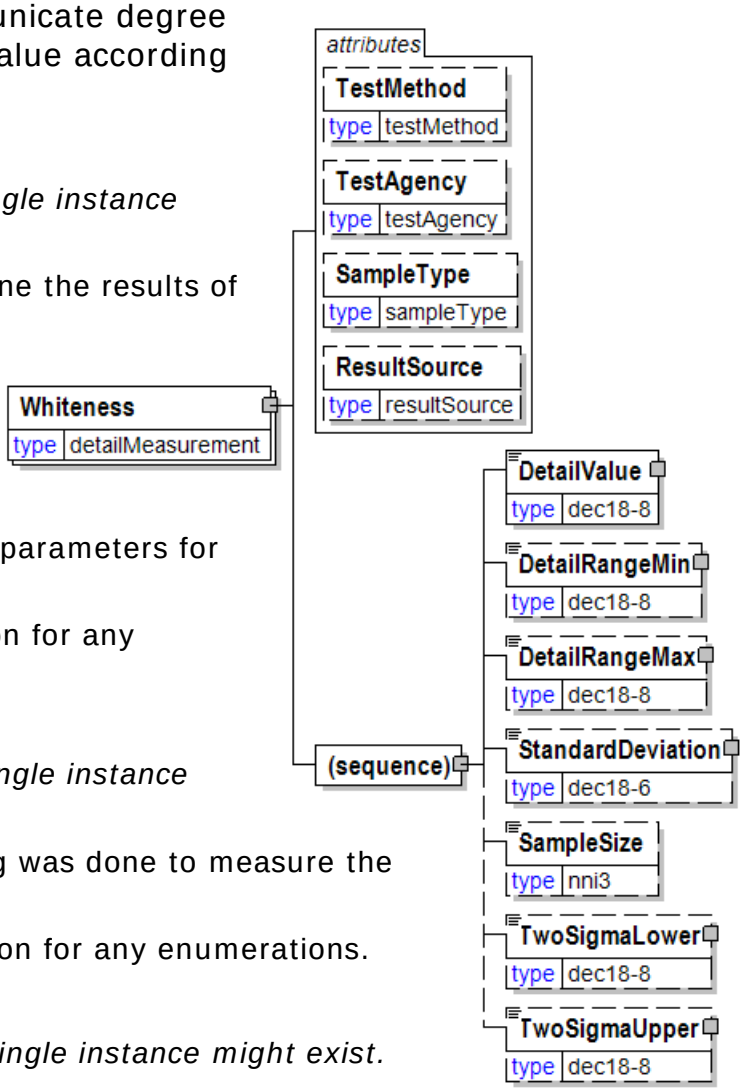
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

Whiteness

A group item used to communicate degree of whiteness target or test value according to a particular TestMethod.



TestMethod [attribute]

TestMethod is optional. A single instance might exist.

The method used to determine the results of the test under consideration.

TestAgency [attribute]

TestAgency is optional. A single instance might exist.

The agency that has set the parameters for the testing

Refer to TestAgency definition for any enumerations.

SampleType [attribute]

SampleType is optional. A single instance might exist.

Communicates how sampling was done to measure the product characteristics.

Refer to SampleType definition for any enumerations.

ResultSource [attribute]

ResultSource is optional. A single instance might exist.

Used to define the data source of the specified test

Refer to ResultSource definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

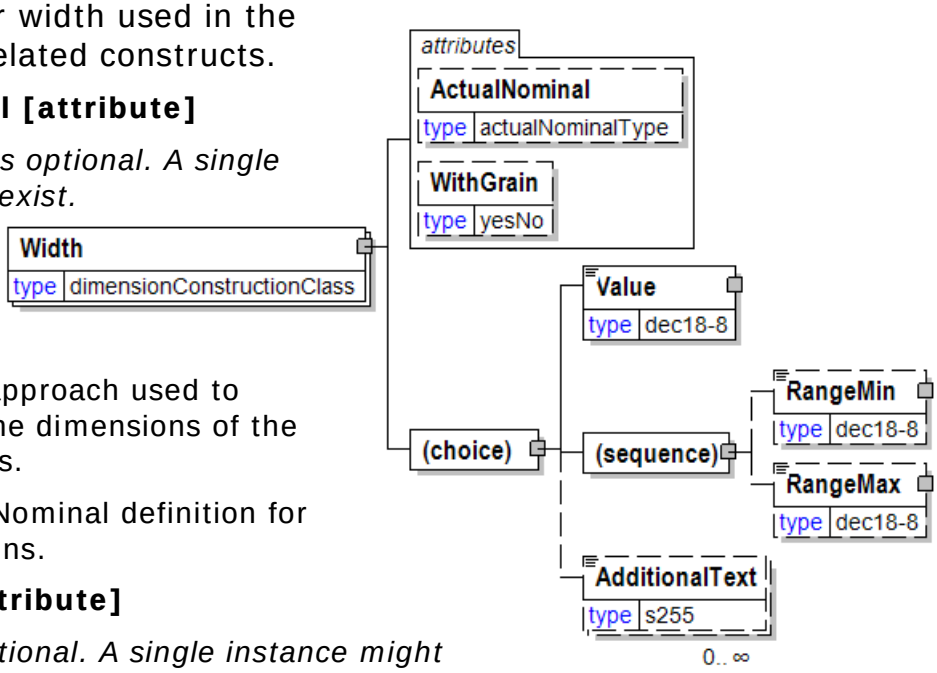
TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.

Width

The approach for width used in the timber/lumber related constructs.



ActualNominal [attribute]

ActualNominal is optional. A single instance might exist.

Indicates the measurement approach used to communicate the dimensions of the individual pieces.

Refer to ActualNominal definition for any enumerations.

WithGrain [attribute]

WithGrain is optional. A single instance might exist.

Either "Yes" or "No".

Refer to WithGrain definition for any enumerations.

(choice)

[choice] is optional because of choice construct.

Value

Value is optional because of choice construct.

A numeric value expressed in the unit of measure (UOM).

(sequence)

The sequence of items below is mandatory. A single instance is required.

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

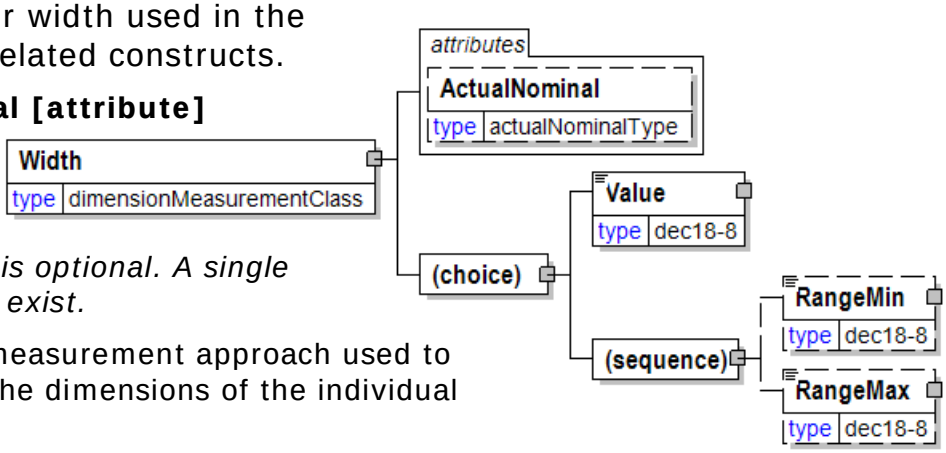
AdditionalText

AdditionalText is optional because of choice construct.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

Width

The approach for width used in the timber/lumber related constructs.



ActualNominal [attribute]

ActualNominal is optional. A single instance might exist.

Indicates the measurement approach used to communicate the dimensions of the individual pieces.

Refer to ActualNominal definition for any enumerations.

(choice)

[choice] is optional because of choice construct.

Value

Value is optional because of choice construct.

A numeric value expressed in the unit of measure (UOM).

(sequence)

The sequence of items below is mandatory. A single instance is required.

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

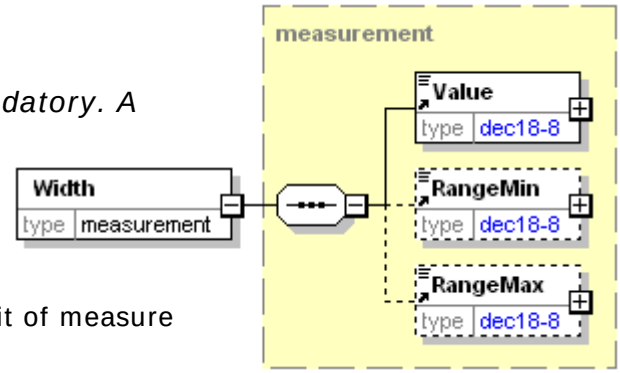
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

Width

The width of the object.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

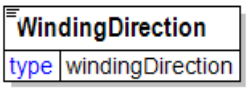
RangeMax

RangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

WindingDirection

An element that indicates how the material is wound on the reel.



This item is restricted to the following list.

FaceIn

The face of the label is wound on the inside or the reel.

FaceOut

The face of the label is wound on the outside of the reel.

WireSideIn

When someone looks at a finished reel, the wire side of the sheet is facing the core.

WireSideOut

When someone looks at a finished reel, the wire side of the sheet is facing away from the core.

Any

Any approach to winding the reel is acceptable.

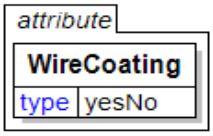
WireCoating [attribute]

Wire Coating

This item is restricted to the following list.

Yes

No

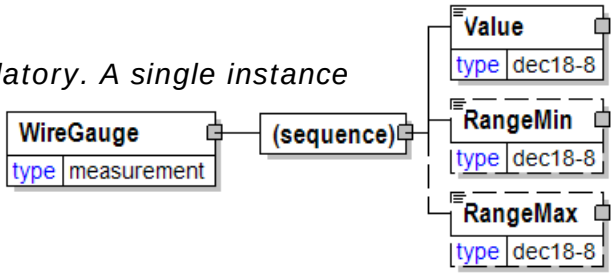


WireGauge

Wire Gauge

(sequence)

The sequence of items below is mandatory. A single instance is required.



Value

Value is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

RangeMin

RangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the Measurement that is the parent of this element.

RangeMax

RangeMax is optional. A single instance might exist.

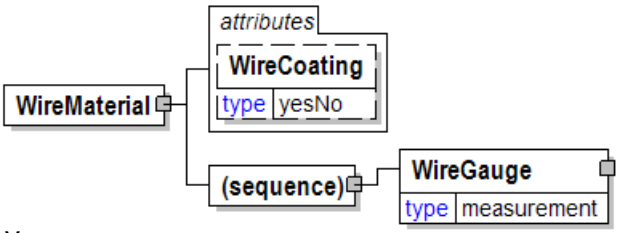
The maximum value (upper boundary) allowed for the Measurement that is the parent of this element. Some elements use the RangeMax element with an extended list of unit of measures. (Note: the red colour in the picture is an artifact of how the graphic was captured and should be disregarded.)

WireMaterial

Wire Material

WireCoating [attribute]

WireCoating is optional. A single instance might exist.



Wire Coating

Refer to WireCoating definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

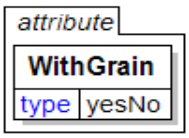
WireGauge

WireGauge is mandatory. A single instance is required.

Wire Gauge

WithGrain [attribute]

Either "Yes" or "No".

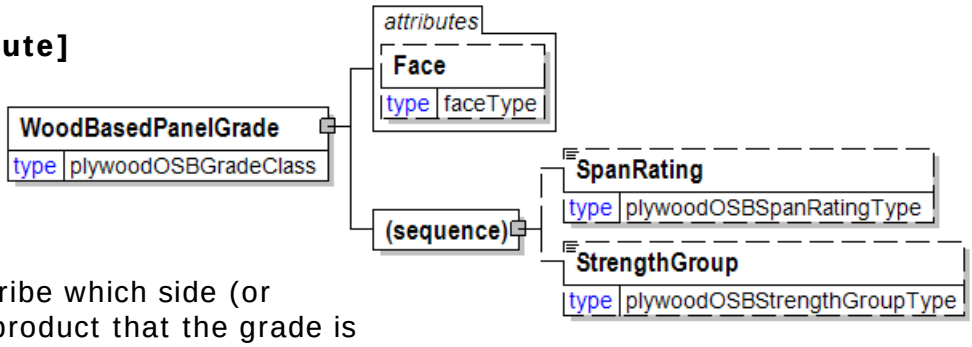


This item is restricted to the following list.

Yes

No

WoodBasedPanelGrade



Face [attribute]

Face is optional. A single instance might exist.

Used to describe which side (or face) of the product that the grade is applicable to.

Refer to Face definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

SpanRating

SpanRating is optional. A single instance might exist.

Span Rating according to NIST standards and indicated on grade stamp.

Refer to SpanRating definition for any enumerations.

StrengthGroup

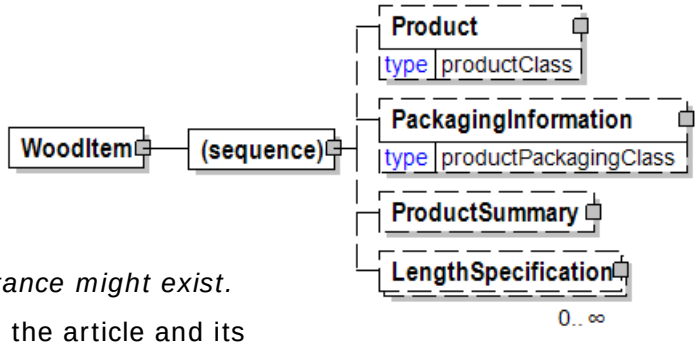
StrengthGroup is optional. A single instance might exist.

As defined in the NIST standard, an additional classification of panel strength.

Refer to StrengthGroup definition for any enumerations.

WoodItem

Group element containing elements describing a wood industry product.



(sequence)

The sequence of items below is mandatory. A single instance is required.

Product

Product is optional. A single instance might exist.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

PackagingInformation

PackagingInformation is optional. A single instance might exist.

Group element construct used to all information associated with the packaging of a product. Measurements, package ID, label, stencil, band, pallet and wrap characteristics may all be detailed.

ProductSummary

ProductSummary is optional. A single instance might exist.

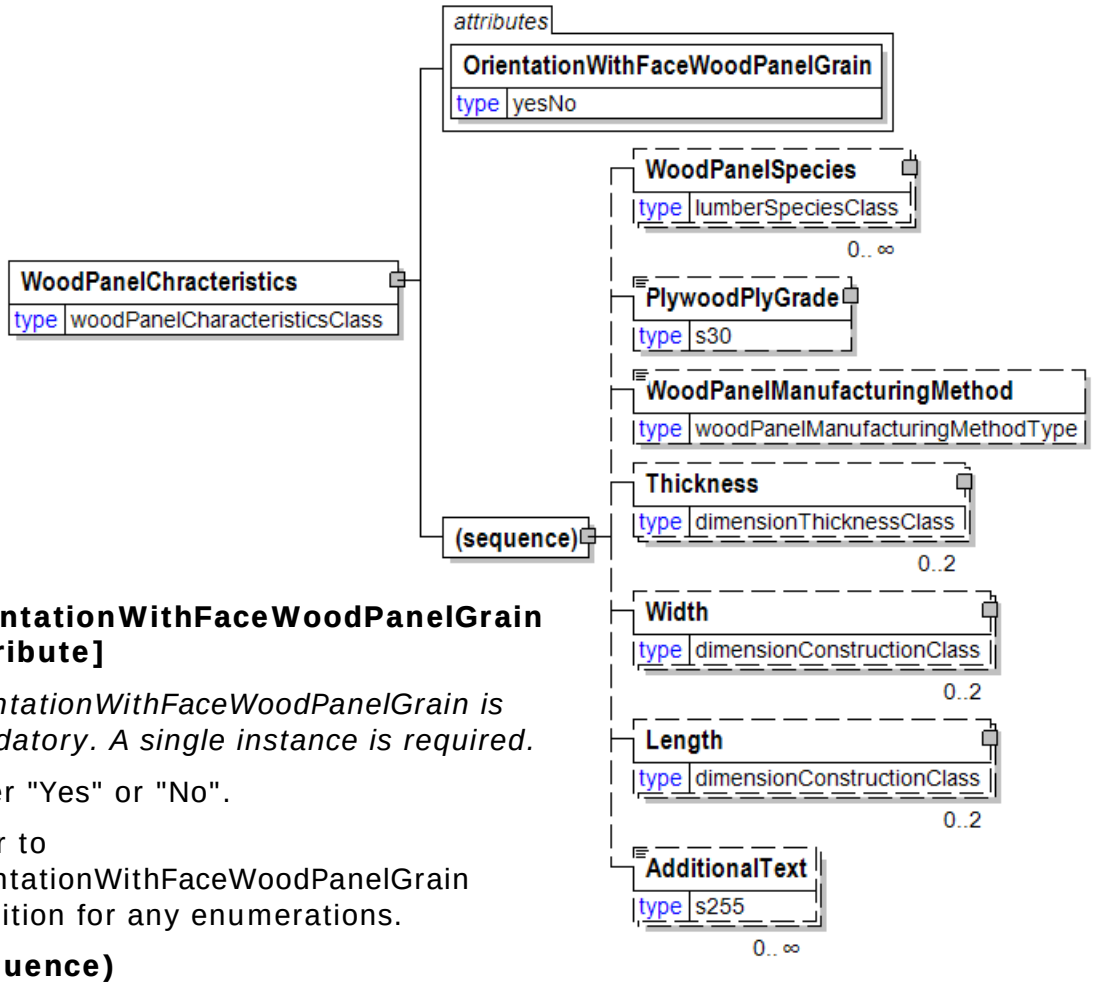
Group of elements to provide summary information on product level.

LengthSpecification

LengthSpecification is optional. Multiple instances might exist.

Length specification of the wood product.

WoodPanelChracteristics



OrientationWithFaceWoodPanelGrain [attribute]

OrientationWithFaceWoodPanelGrain is mandatory. A single instance is required.

Either "Yes" or "No".

Refer to OrientationWithFaceWoodPanelGrain definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

WoodPanelSpecies

WoodPanelSpecies is optional. Multiple instances might exist.

Characteristics of the lumber used in the item.

PlywoodPlyGrade

PlywoodPlyGrade is optional. A single instance might exist.

Defines the grade of one ply, used with Agency to specify the grading agency.

WoodPanelManufacturingMethod

WoodPanelManufacturingMethod is optional. A single instance might exist.

The manufacturing method for the wood panels.

Refer to WoodPanelManufacturingMethod definition for any enumerations.

Thickness

Thickness is optional.

Physical dimension of a product.

Width

Width is optional.

The width of the object.

Length

Length is optional.

The length of the object.

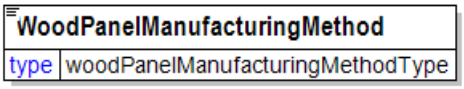
AdditionalText

AdditionalText is optional. Multiple instances might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

WoodPanelManufacturingMethod

The manufacturing method for the wood panels.



WoodPanelProducts

Characteristics of wood panelling products.

(sequence)

The sequence of items below is mandatory. A single instance is required.

WoodBasedPanelGrade

WoodBasedPanelGrade is optional. A single instance might exist.

WoodPanelSpecies

WoodPanelSpecies is optional. Multiple instances might exist.

Characteristics of the lumber used in the item.

Thickness

Thickness is optional.

Physical dimension of a product.

Width

Width is optional.

The width of the object.

Length

Length is optional.

The length of the object.

PlywoodLayupStructure

PlywoodLayupStructure is optional. A single instance might exist.

Edge

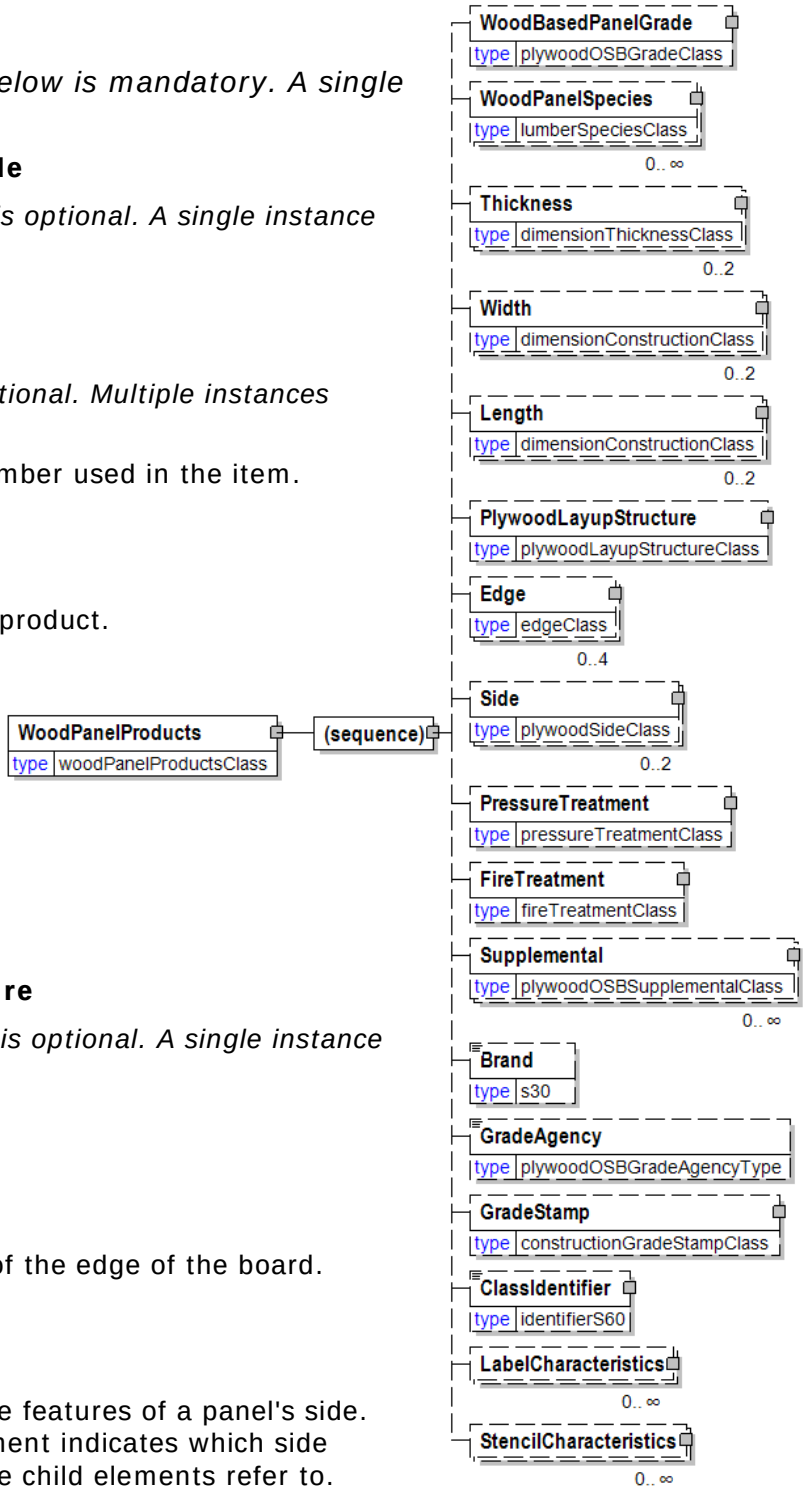
Edge is optional.

Describes the finishing of the edge of the board.

Side

Side is optional.

The structure defines the features of a panel's side. An attribute of side element indicates which side (either top or bottom the child elements refer to.



PressureTreatment

PressureTreatment is optional. A single instance might exist.

Method and parameter values of pressure treatment.

FireTreatment

FireTreatment is optional. A single instance might exist.

Fire treatment

Supplemental

Supplemental is optional. Multiple instances might exist.

Supplemental

Brand

Brand is optional. A single instance might exist.

Specifies a brand or trade name of wrapping material to be used when wrapping the product.

GradeAgency

GradeAgency is optional. A single instance might exist.

North American structural panel grading agencies. Defines the governing organisation of the grading scheme employed.

Note: There is a GradeAgency attribute, as well.

Refer to GradeAgency definition for any enumerations.

GradeStamp

GradeStamp is optional. A single instance might exist.

Grade stamp information

ClassIdentifier

ClassIdentifier is optional. A single instance might exist.

Standard used for product identification.

LabelCharacteristics

LabelCharacteristics is optional. Multiple instances might exist.

A group item that organises the labeling information.

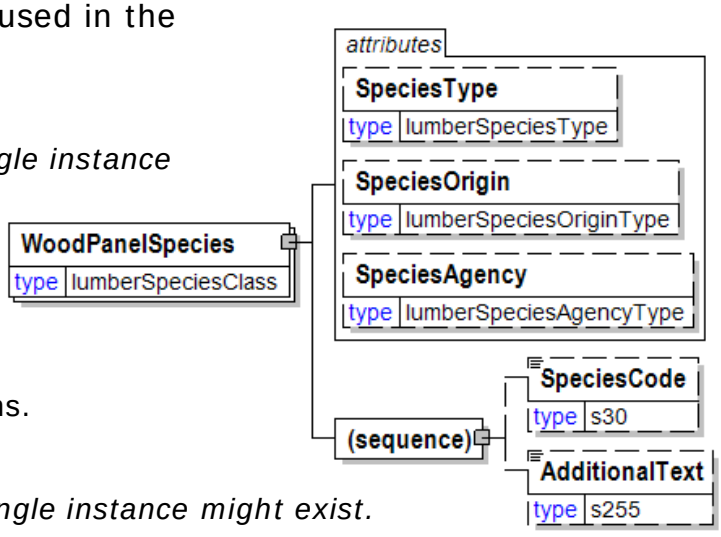
StencilCharacteristics

StencilCharacteristics is optional. Multiple instances might exist.

A group element specifying attributes of a stencil to be applied to an item, and optional text.

WoodPanelSpecies

Characteristics of the lumber used in the item.



SpeciesType [attribute]

SpeciesType is optional. A single instance might exist.

Defines the species or mix of species comprising the product.

Refer to SpeciesType definition for any enumerations.

SpeciesOrigin [attribute]

SpeciesOrigin is optional. A single instance might exist.

The country of origin of the species employed in manufacture of the product.

Refer to SpeciesOrigin definition for any enumerations.

SpeciesAgency [attribute]

SpeciesAgency is optional. A single instance might exist.

Defines the governing organisation of the scheme employed in determining the species of the product.

Refer to SpeciesAgency definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

SpeciesCode

SpeciesCode is optional. A single instance might exist.

Species Code

AdditionalText

AdditionalText is optional. A single instance might exist.

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements.

WoodProducts

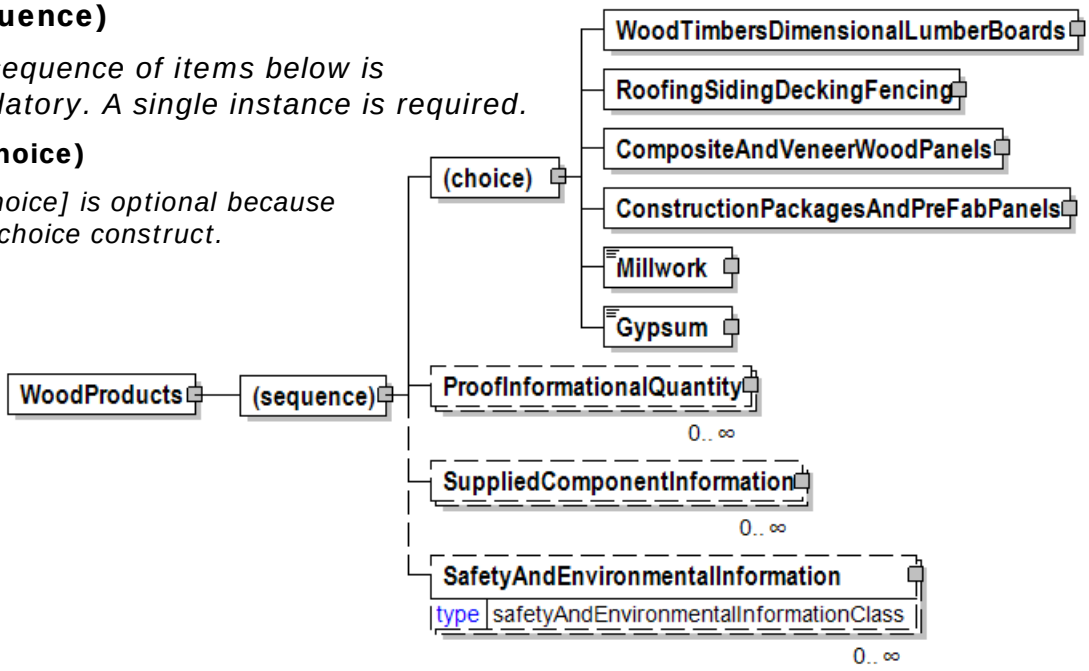
A grouping element for all wood products.

(sequence)

The sequence of items below is mandatory. A single instance is required.

(choice)

[choice] is optional because of choice construct.



WoodTimbersDimensionalLumberBoards

WoodTimbersDimensionalLumberBoards is optional because of choice construct.

A grouping element that contains the various types of dimensional lumber.

RoofingSidingDeckingFencing

RoofingSidingDeckingFencing is optional because of choice construct.

A grouping element that contains the timber/lumber products that are used in roofing, siding, decking, or fencing.

CompositeAndVeneerWoodPanels

CompositeAndVeneerWoodPanels is optional because of choice construct.

A grouping element that contains the timbler/lumber products that comprise composite and veneer wood panels.

ConstructionPackagesAndPreFabPanels

ConstructionPackagesAndPreFabPanels is optional because of choice construct.

A grouping element that contains the timber/lumber products that comprise construction packages and pre-fabricated panels.

Millwork

Millwork is optional because of choice construct.

A placeholder for the further definition of millwork items.

Gypsum

Gypsum is optional because of choice construct.

A placeholder for further definition of gypsum items.

ProofInformationalQuantity

ProofInformationalQuantity is optional. Multiple instances might exist.

ProofInformationalQuantity

SuppliedComponentInformation

SuppliedComponentInformation is optional. Multiple instances might exist.

Information about components supplied by the publisher to the vendor i.e. paper supplied to the print vendor or jackets supplied to the bind vendor.

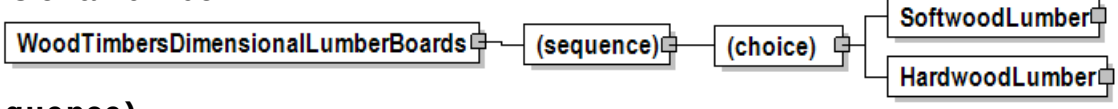
SafetyAndEnvironmentalInformation

SafetyAndEnvironmentalInformation is optional. Multiple instances might exist.

Name of certification type, if any, on the goods (For example, FSC, PEFC). SafetyAndEnvironmental needs a value or measurement to communicate the percentage of the product is certified (for example, 75% is certified by the indicated agency).

WoodTimbersDimensionalLumberBoards

A grouping element that contains the various types of dimensional lumber.



(sequence)

The sequence of items below is mandatory. A single instance is required.

(choice)

[choice] is optional because of choice construct.

SoftwoodLumber

SoftwoodLumber is optional because of choice construct.

Product structure for solid wood products made of softwood

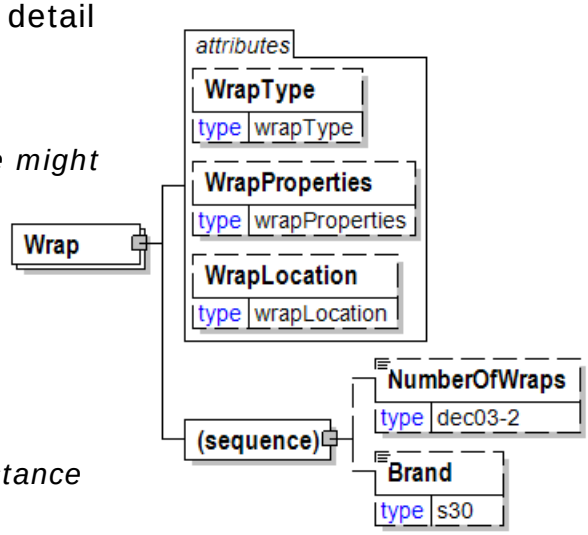
HardwoodLumber

HardwoodLumber is optional because of choice construct.

Product structure for solid wood products made of hardwood.

Wrap

A group item that organises wrapping detail information.



WrapType [attribute]

WrapType is optional. A single instance might exist.

Communicates the type of material used to wrap the product.

Refer to WrapType definition for any enumerations.

WrapProperties [attribute]

WrapProperties is optional. A single instance might exist.

Communicates the nature of the wrap that is used to package the product

Refer to WrapProperties definition for any enumerations.

WrapLocation [attribute]

WrapLocation is optional. A single instance might exist.

Wrap Location

Refer to WrapLocation definition for any enumerations.

(sequence)

The sequence of items below is mandatory. A single instance is required.

NumberOfWraps

NumberOfWraps is optional. A single instance might exist.

The number of turns of wrapping material to be applied to the package.

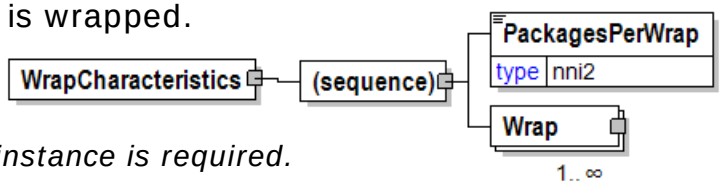
Brand

Brand is optional. A single instance might exist.

Specifies a brand or trade name of wrapping material to be used when wrapping the product.

WrapCharacteristics

A group element that contains elements that describe the manner in which the item is wrapped.



(sequence)

The sequence of items below is mandatory. A single instance is required.

PackagesPerWrap

PackagesPerWrap is mandatory. A single instance is required.

The number of packages wrapped together.

Wrap

Wrap is mandatory. One instance is required, multiple instances might exist.

A group item that organises wrapping detail information.

WrapLocation [attribute]

Wrap Location



This item is restricted to the following list.

None

Entire

Indicates that the entire item (box, pallet, etc.) is wrapped.

Top

Bottom

FiveSides

TopAndEnds

Ends

LongSides

WrapProperties [attribute]

Communicates the nature of the wrap that is used to package the product



This item is restricted to the following list.

Bleached

the wrapping has been bleached using one of the methods described in the data type bleachingProcess.

Unbleached

the wrapping has not been bleached

MoistureBarrier

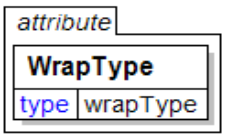
the wrapping provides a barrier to moisture.

Pulpable

the wrapping can be blended with pulp and reused.

WrapType [attribute]

Communicates the type of material used to wrap the product.



This item is restricted to the following list.

Cardboard

Chipboard

Fibreboard

KraftPaper

Kraft paper is used to wrap the product.

Laminatedboard

Metal

None

The product is not wrapped

Paper

Peelercores

Plastic

PlasticBag

The product is wrapped in a plastic bag.

Plywood

Self

The product is wrapped using the same material that is contained within.

ShrinkWrap

The product is wrapped using shrink wrap material.

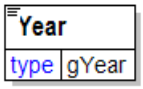
StretchWrap

The product is wrapped using stretch wrap material.

Timber

Year

Identifies the year number when communicating a calendar date.

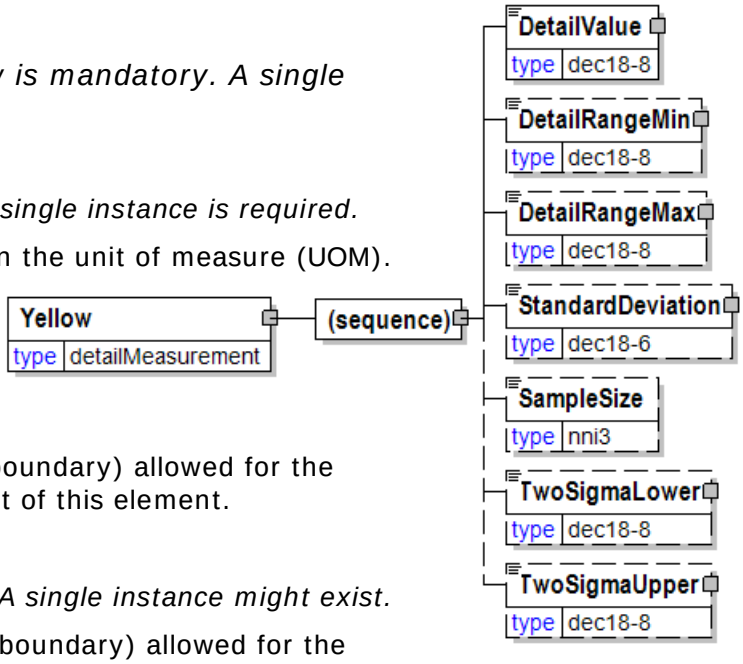


Yellow

The Yellow component of a colour.

(sequence)

The sequence of items below is mandatory. A single instance is required.



DetailValue

DetailValue is mandatory. A single instance is required.

A numeric value expressed in the unit of measure (UOM).

DetailRangeMin

DetailRangeMin is optional. A single instance might exist.

The minimum value (lower boundary) allowed for the DetailValue that is the parent of this element.

DetailRangeMax

DetailRangeMax is optional. A single instance might exist.

The maximum value (upper boundary) allowed for the DetailValue that is the parent of this element.

StandardDeviation

StandardDeviation is optional. A single instance might exist.

A statistic used as a measure of dispersion in a distribution.

SampleSize

SampleSize is optional. A single instance might exist.

The number of samples used to determine the product characteristic in question.

TwoSigmaLower

TwoSigmaLower is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the lower side of the standard deviation.

TwoSigmaUpper

TwoSigmaUpper is optional. A single instance might exist.

Two sigma (a measure of dispersion associated with standard deviation) on the upper side of the standard deviation.