



papiNet

**Global Transaction Standards
for the Paper Supply Chain**

Data Dictionary

papiNet Standard - Version 2.10

April 2003

Data Dictionary - Elements - papiNet Standard - Version 2.10

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Sponsoring Organisations

papiNet G.I.E.

papiNet started as a project within the Publishing part of the paper industry. A number of major paper suppliers, large German publishers and printers worked together to create a common standard for electronic business transactions.

Soon there was a requirement to develop supporting software for handling the transactions via the Internet. This work turned out so well, that it was decided to enlarge the pilot project to encompass other parts of the industry.

papiNet G.I.E. currently has 25 suppliers and wide cooperation with customers within the industry.

IDEAlliance

IDEAlliance is the leading global membership organisation for advancing the processes of information interoperability and dissemination of knowledge.

IDEAlliance accomplishes this by engaging in and supporting the creation and adoption of globally recognised standards for information definition and exchange. Over the last 15 years, IDEAlliance's B2B Standards Committee has been the recognized e-business and Electronic Data Interchange (EDI)

standards development body in the North American paper, print, and publishing industry. More information about the IDEAlliance can be found at <http://www.idealliance.org/>.

American Forest & Paper Association

The American Forest & Paper Association (AF&PA) is the national trade association in the United States of the forest, paper, and wood products industry. AF&PA members include manufacturers of over 80 percent of the paper, wood and forest products produced in the United States. AF&PA acts as the clearinghouse for statistical information, as the leading force in technical, regulatory and policy issues, and as the national voice for the forestry, wood, and paper industries. More information about the AF&PA can be found at

<http://www.afandpa.org/>.

Simple Data Types

papiNet uses a variety of data types, many of which are single-use data types. Those single-use data types are defined in the context of where they are used (either in the element or the attribute). However, there are a group of data types that are re-used frequently or are used in such a way as to require additional discussion. This section provides that information.

Decimal Data Types

data type	data type Definition
dec03-2	fractional digits = 2, total digits = 3
dec04-3	fractional digits = 3, total digits = 4
dec18-6	fractional digits = 6, total digits = 18
dec18-8	fractional digits = 8, total digits = 18

Non-negative Integer Data Types

data type	data type Definition
dayType	min = 1, max = 31
monthType	min = 1, max = 12
nni1	total digits = 1
nni2	total digits = 2
nni3	total digits = 3
nni4	total digits = 4
nni6	total digits = 6
nni9	total digits = 9

String Data Types

data type	data type Definition
latitude	pattern being developed
longitude	pattern being developed
s03	minimum length = 1, maximum length = 3, preserve white space
s10	minimum length = 1, maximum length = 10, preserve white space
s20	minimum length = 1, maximum length = 20, preserve white space
s30	minimum length = 1, maximum length = 30, preserve white space
s40	minimum length = 1, maximum length = 40, preserve white space
s45	minimum length = 1, maximum length = 45, preserve white space

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data type	data type Definition
s60	minimum length = 1, maximum length = 60, preserve white space
s72	minimum length = 1, maximum length = 72, preserve white space
s255	minimum length = 1, maximum length = 255, preserve white space

Enumerated Constraint Data Types

Many of the enumerated constraint data types (enumerated lists) are used once and as such are defined in the context of their use (either the element or attribute where used). The enumerated lists described below are used many times and to promote consistency they are defined in a single location.

quantityType

- **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.
- **GrossWeight** – The weight including all packaging and furnishing. The gross weight of the deliveries is being used, includes tare weight.
- **Length** – A quantity representing a length of product.
- **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.
- **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.
- **TareWeight** – The weight of the previously agreed to packaging and furnishing.
- **Time** – The number being communicated represents an amount of time.

quantityTypeContext

- **AgreedToClaimValue** – The claim value that has been agreed to between the parties.
- **Allocated** – A quantity put aside, in general terms for a particular customer, process, or use. (Compare to “Reserved”.)
- **Balance** – The balance of the order after the event being reported has taken place.

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- **CalledOff** – A quantity put aside to be sent to the customer on a call-off.
- **Consumed** – The product has been consumed.
- **Damaged** – The product has been damaged.
- **Delivered** – The product has been delivered.
- **Freight** – The quantity to be used for freight costing.
- **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.
- **OnHand** – The product is available at the particular storage location
- **Ordered** – A purchase order 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** – Production is anticipated but has not yet taken place.
- **Produced** – The quantity added to stock through a manufacturing or conversion process.
- **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** – The quantity is to be Reorder by the receiver.
- **ReorderPoint** – The quantity being communicated represents the point at which reordering should take place.
- **Reserved** – A quantity assigned to a specific customer order, job order, or delivery order. (Compare to “Allocated”.)
- **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** – The quantity being communicated that is associated with the value being claimed.
- **VendorSupplied** – a quantity being supplied by the vendor.
- **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.

referenceType

Provides a contextual explanation of the specific reference identifier

- **AccountNumber** - The unique reference number given to a financial account of the party involved in the transaction.

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- **Author** - Name of the author of the product or book.
- **AudioVideoSelectionNumber** – Unique number given to every audio master. Used by duplicators and replicators.
- **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.
- **BookLanguage** – Language of the text of the book.
- **BuyerBudgetCenter** – Buyers internal cost-centre identifier.
- **BuyerClaimNumber** – A number assigned by the buyer to track their claim.
- **BuyerDivisionIdentifier** – Buyer’s internal division identifier.
- **BuyerImprint** – Identifies which publisher’s imprint to which this product belongs.
- **BuyerRetailPrice** – Cover price of the finished product.
- **CallOffLineItemNumber** – The specific line item number for the Call-Off.
- **CallOffNumber** - The unique reference number given to a call-off message. The call-off number of a previously sent call-off message can be referenced. For example, a seller can refer to a call-off number in a delivery message.
- **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.
- **ComplaintNumber** – The reference number associated with a complaint.
- **ComplaintResponseNumber** – The reference number associated with a complaint response.
- **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 message.
- **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.
- **CreditDebitNoteNumber** – The number of the referenced Credit or Debit Note.
- **CustomerBookingNumber** – The customer’s number for the transit booking used to reference lines to be co-loaded on the same transport.

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- **CustomerJobNumber** – an identifier for a specific job or task to which the forecast data is to apply, along with location and item.
- **CustomerJobTitle** – a name of a specific job or task to which the forecast data is to apply, along with location and item.
- **CustomerReferenceNumber** - A unique informational reference number passed on from the buyer to the seller. This number is meaningful only to the buyer.
- **DeliveryBookingNumber** – A number issued by the customer to schedule deliveries at their site.
- **DeliveryLocation** – The location to which product is to be delivered.
- **DespatchInformationNumber** -
- **DespatchInstructionNumber** – The unique reference number of the despatch instruction document. For example the despatch instructions sent from the mill to the warehouse.
- **Edition** – Buyer’s description of the version of the product edition. For example in book manufacturing values might be 2nd, Texas, Revised.
- **EndCallOffDate** – The last date that a call-off can be placed.
- **FormType** – type of printed signature. For book manufacturing, could be web, sheet, folded and gathered sig.
- **FromPurchaseOrderNumber** – The purchase order that is used as the source of information.
- **GoodsReceiptNumber** – The number of the goods receipt transaction that is being referred to.
- **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 message. The number of a previously sent initial shipment advice message can be referenced. For example, a seller can refer to an initial shipment advice number in a delivery message.
- **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.
- **ISBN10** – 10 digit ISBN code without dashes
- **ISBN10Dash** – 10 digit ISBN code with dashes
- **ISBN13** – 13 digit ISBN code.
- **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.

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- **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).
- **LotIdentifier** – A unique code used to identify a grouping of product with one set of quality statistics common to all members of that group.
- **MarketplaceReferenceNumber** – A number used by the marketplace to identify the information.
- **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.
- **MillOrderLineItemNumber** – The line number associated with the Mill Order Number.
- **MillOrderNumber** - The unique reference number created by the mill to identify a specific lot of paper with the same paper characteristics. This number may be used to identify a mill's internal order number, corresponding to all, or part of a buyer's purchase order.
- **MillSalesOfficeNumber** – The number used to identify the Mill's sales office.
- **OrderPartyReferenceNumber** – Reference number of the original order party.
- **OriginalComplaintResponseNumber** - Reference number of the original ComplaintResponse.
- **OriginalDeliveryNumber** - The unique reference number given to a delivery message number sent previously that has been replaced in the meantime.
- **OriginalGoodsReceiptNumber** – The original unique identifier of the GoodsReceipt that is to be replaced.
- **OriginalInvoiceNumber** - The unique reference number given to an invoice message number sent previously that has been replaced in the meantime.
- **OriginalPurchaseOrderNumber** - The unique reference number given to a purchase order message number sent previously that has been replaced (through amendment or cancellation) in the meantime.
- **OriginalUsageNumber** – The unique reference number given to a usage message previously sent that has been replaced (through amendment or cancellation) in the meantime.
- **Other** - Used for any other reference that is not covered by this attribute list.

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- **PackageNumber** - The unique reference number given to a manufacturer's product packaging designation.
- **PriceContractNumber** – Contract number that is specific to pricing.
- **PriceList** – The number used to identify the price list.
- **PrintingNumber** – Buyer's reference to the sequential print run number.
- **PubName** – The publication name.
- **PubNumber** – The publication number.
- **PupilsTeachers** – Description of the pupils/teachers edition specific to educational book products.
- **PurchaseOrderLineItemNumber** – a sequential number that uniquely identifies the purchase order line item.
- **PurchaseOrderNumber** - The unique reference number given to a purchase order message. The purchase order number of a previously sent order can be referenced. For example, a seller can refer to a purchase order number in an invoice message.
- **ReleaseNumber** - The unique sequential number given to the release of a reservation order, a contract, or a blanket order. Note: To reference a release number, the buyer or seller must have clearly referenced the corresponding purchase order elsewhere in the message.
- **RFQLineItemNumber** – The number used to identify the RFQ line item.
- **RFQNumber** – The identifier of the RFQ. Usually provided when opening a purchase order 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.
- **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.
- **ShippingInstructionsLineItemNumber** – Line number reference of the shipping instruction for book shipments.
- **ShippingInstructionsNumber** – Sequential message number of the shipping instruction.
- **SpecificationReferenceNumber** – Buyer's version number of the book specification.
- **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** – A number assigned by the supplier to the call-off created by the customer.
- **SupplierClaimNumber** – The number assigned by the supplier to identify a claim.
- **SupplierReferenceNumber** - The unique reference number created by the seller in response to a purchase order. This number, sent in the seller's order confirmation message, can correspond to all or part of a mill order number versus a run number.
- **SupplierVoyageNumber** - The unique seller's reference number (own internal code) given to a voyage, not the port authority's number.
- **Title** – Proper title of a book product.
- **TitleAlias** – Buyer supplied title description for book products, usually used for security purposes.
- **ToPurchaseOrderNumber** – The destination of purchase order information.
- **UniversalProductIdentifier** – Unique identifier for the book, component of a book product, and many other products.
- **UsageNumber** – The number used to identify the Usage activity being referred to.
- **VendorReferenceNumber** – A unique number created by the Vendor for the information.
- **WarehouseDeliveryNumber** – Alternate delivery number when the warehouse uses secondary documents to manage despatch, e.g. Third Party managed warehouse with their own system.

statusType

Acts as a flag indicating what processing may be required.

- **Accepted** - Either the seller or the buyer accepts the header information.
- **Amended** - Either the seller or the buyer has changed the header information.
- **Cancelled**- The buyer has cancelled a line item that was sent in a previous message. Lines that have been cancelled are not included in Totals on the Summary levels of the message.
- **Counterproposal** - The sender is presenting a different proposal.
- **New** – This is the first time the message has been sent.
- **NoAction** – This call-off header has not been amended and thereby requires no action.
- **Original** - The message information is the first version of that information.
- **Pending** - The seller will update the call-off line item at a later time.
- **Rejected** - The header information is rejected.

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- **Replaced** - The entire message referred to has been replaced and the receiver should revalidate the information in their system based upon the entire message contents received.

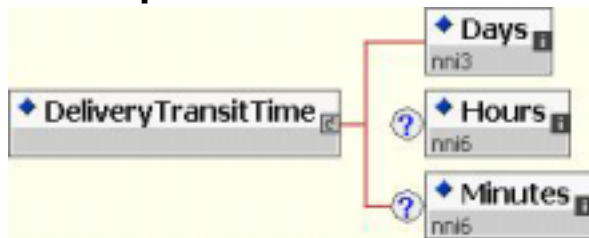
Key to Graphical Display

This section provides an overview of the components of the graphical displays used to convey the structure of the schema elements and attributes. You can find more information about the constraints associated with attributes and data type configuration in their particular sections.

The graphical display of the XSD Schema contains occurrence indicators that are based on the XML standard for DTD representation. These indicators appear to the left of element boxes in DTD graphics, and they have the following meanings:

- (Blank) Required, single instance
- (+) Required, multiple instances
- (?) Optional, single instance
- (*) Optional, multiple instances

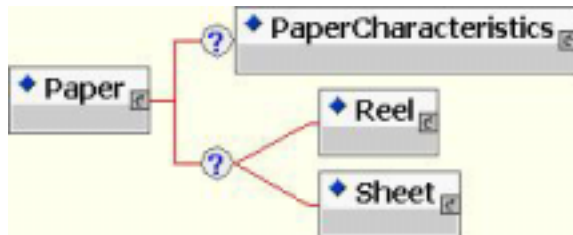
Sequence of Elements



The squared grouping line indicates that the elements (indicated by the diamond) are required to be in the sequence indicated.

The data types for the elements are indicated.

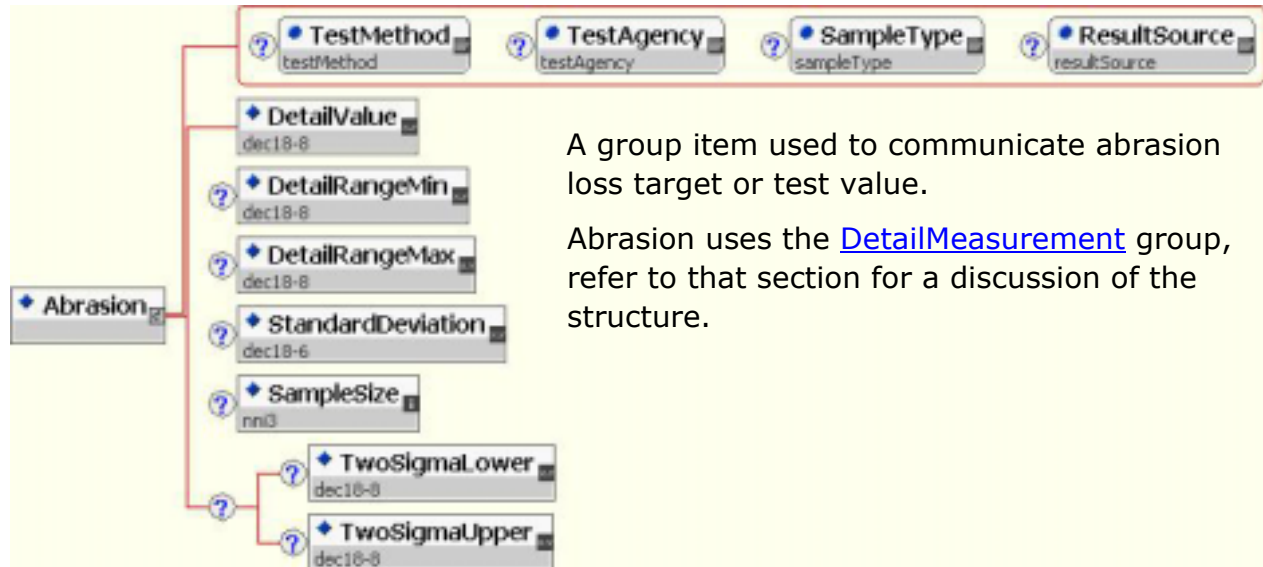
Choice of Elements



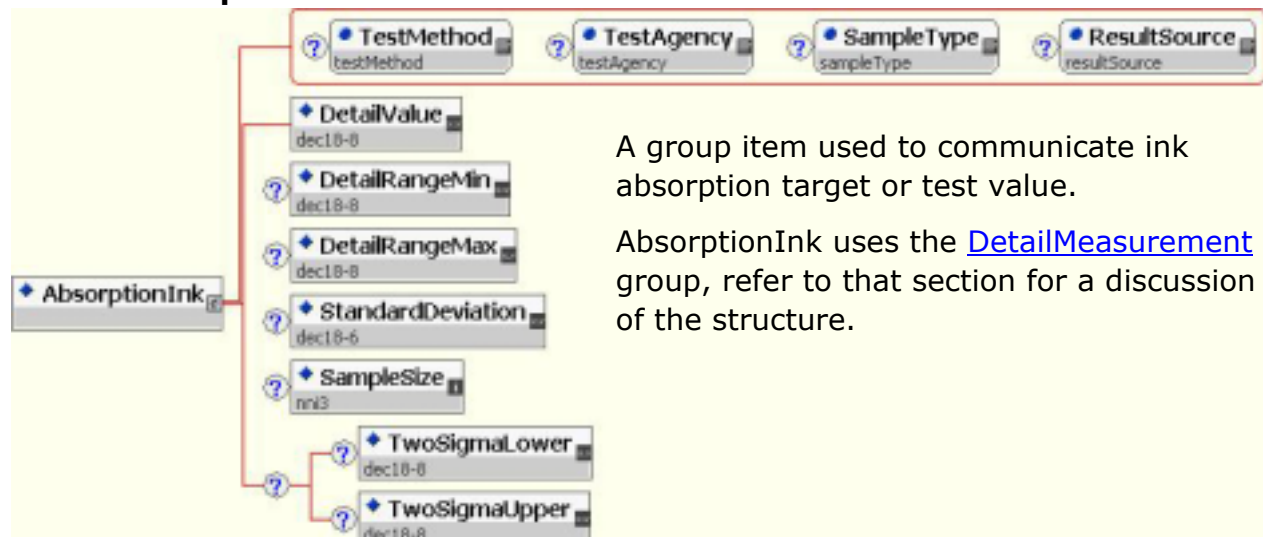
The angled grouping line indicates that there is a choice between the elements (indicated by the diamond). That is, either Reel or Sheet can exist in the message but not both.

Elements

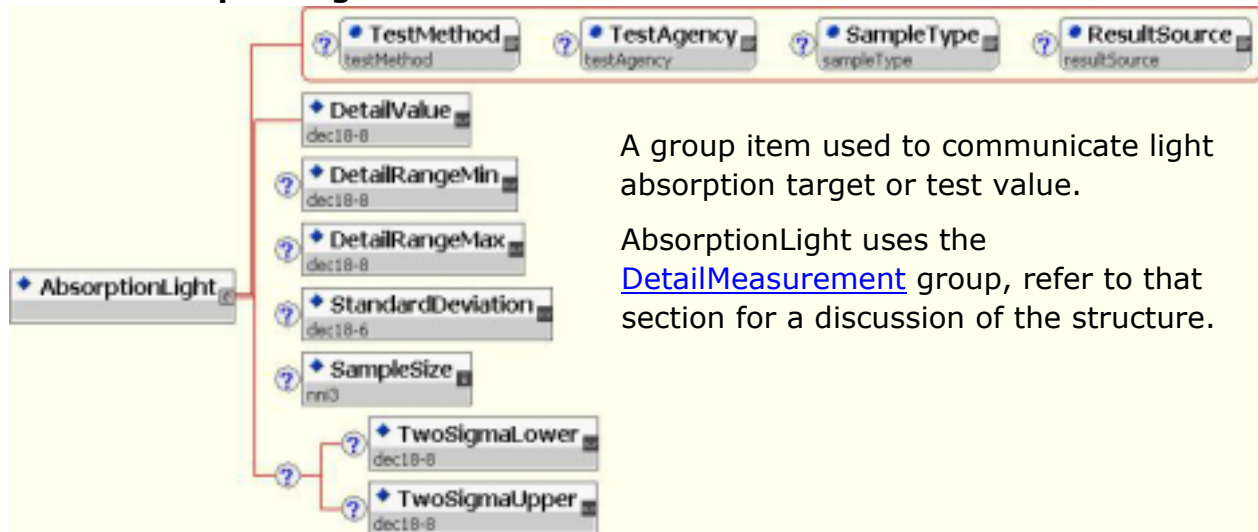
Abrasion



AbsorptionInk



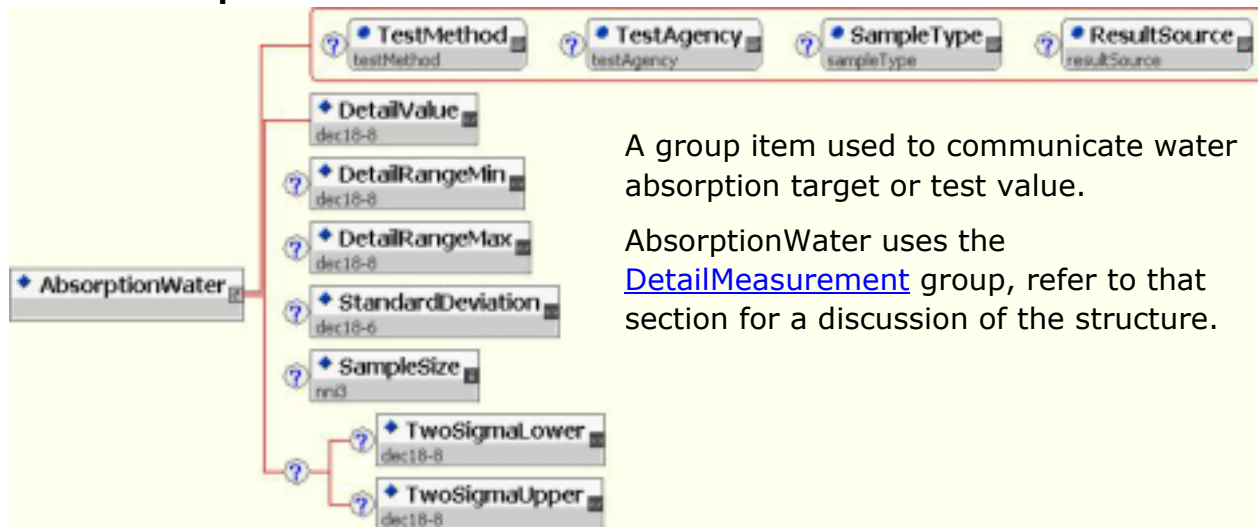
AbsorptionLight



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

AbsorptionLight uses the [DetailMeasurement](#) group, refer to that section for a discussion of the structure.

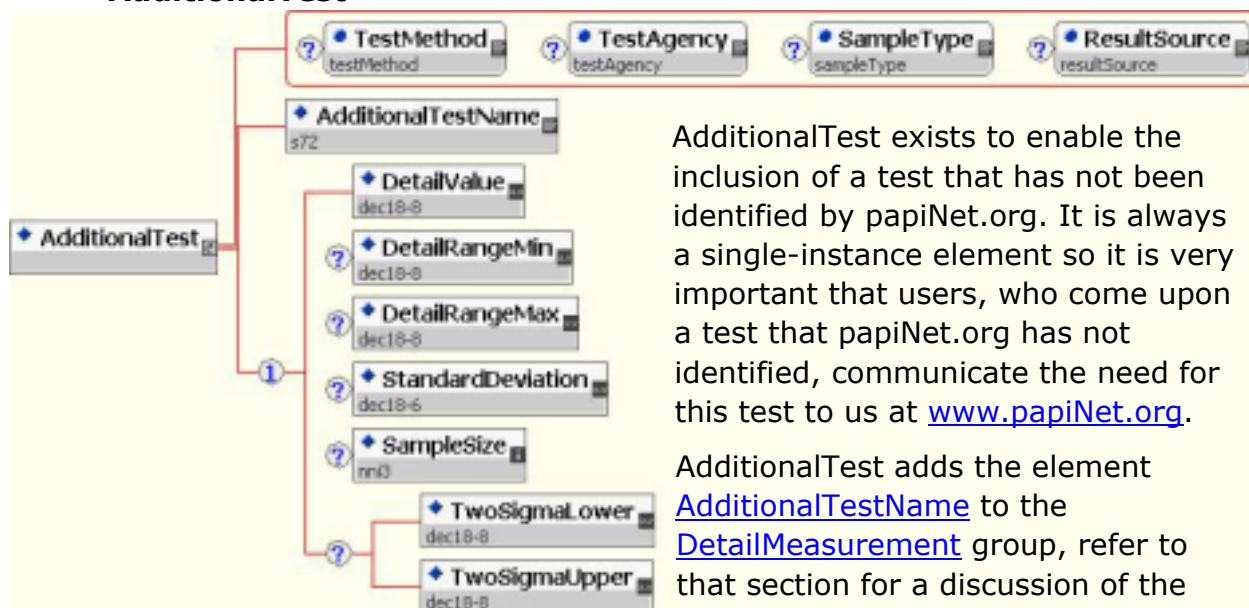
AbsorptionWater



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

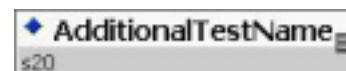
AbsorptionWater uses the [DetailMeasurement](#) group, refer to that section for a discussion of the structure.

AdditionalTest



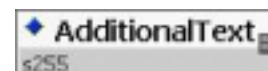
AdditionalTestName

The name of the [AdditionalTest](#) being communicated in the product definition.



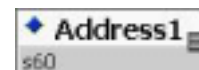
AdditionalText

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. This element is repeatable and limited to the number of characters that would normally fit across a page.



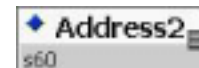
Address1

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.



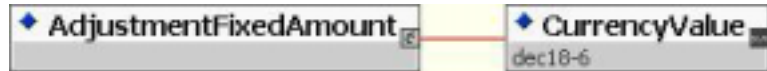
Address4

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



AdjustmentFixedAmount

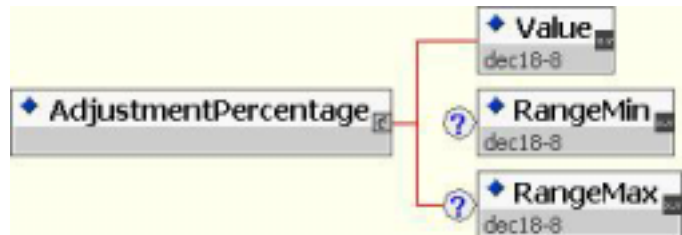
A fixed monetary amount, either negative or positive, that is the value of the adjustment being applied in an instance of the MonetaryAdjustment structure.



AdjustmentFixedAmount is made up of the [CurrencyValue](#) element.

AdjustmentPercentage

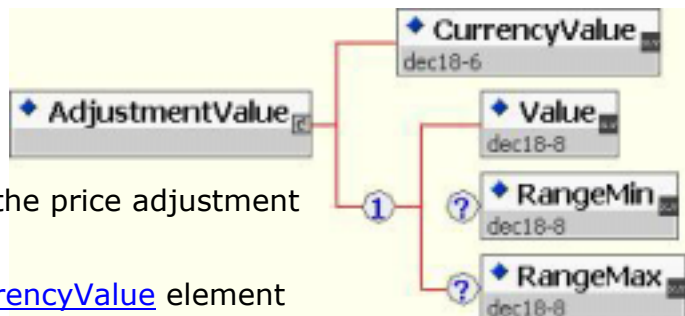
A percentage, either negative or positive, that is applied to either the price, or a starting amount to determine the value of the particular MonetaryAdjustment.



AdjustmentPercentage uses the [Measurement](#) group, refer to that section for a discussion of the structure.

AdjustmentValue

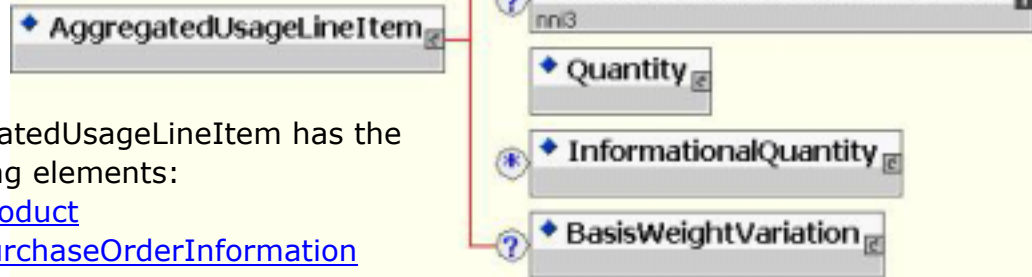
A field that contains a currency value and a measurement value (in other words a price per unit structure) that will be used in the price adjustment AdjustmentValue.



AdjustmentValue uses the [CurrencyValue](#) element and [Measurement](#) group, refer to that section for a discussion of its structure.

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.



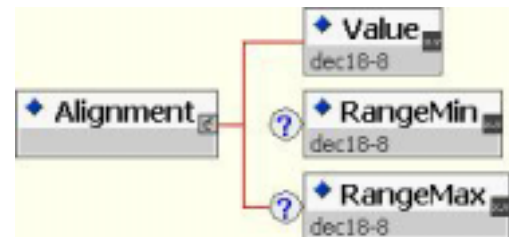
AggregatedUsageLineItem has the following elements:

- [Product](#)
- [PurchaseOrderInformation](#)
- [PurchaseOrder-LineItemNumber](#)
- [Quantity](#)
- [InformationalQuantity](#)
- [BasisWeightVariation](#)

Alignment

A measurement of how the reel is aligned on printing press

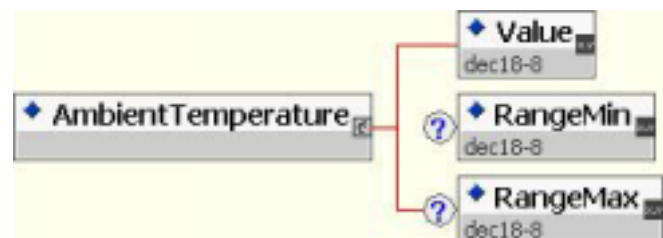
Alignment uses the [Measurement](#) group, refer to that section for a discussion of its structure.



AmbientTemperature

The temperature of the surrounding environment.

AmbientTemperature uses the [Measurement](#) group, refer to that section for a discussion of its structure.

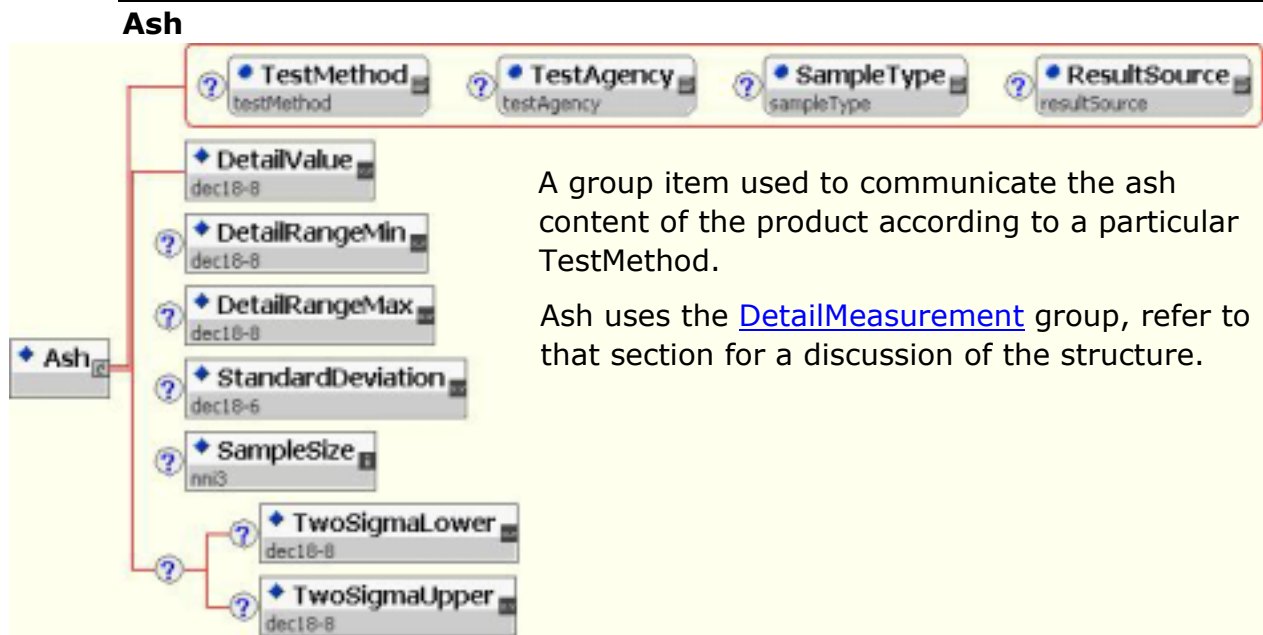


AmountSubjectToTermsDiscount

The amount against which prompt payment terms can be applied



AmountSubjectToTermsDiscount contains the [CurrencyValue](#) element.



AttachmentFileName

The name of the attached file



Availability Root Element

The Availability root element has one optional attribute:

- [Language](#)

Availability contains two elements:

- [AvailabilityHeader](#)
- [AvailabilityDetail](#)

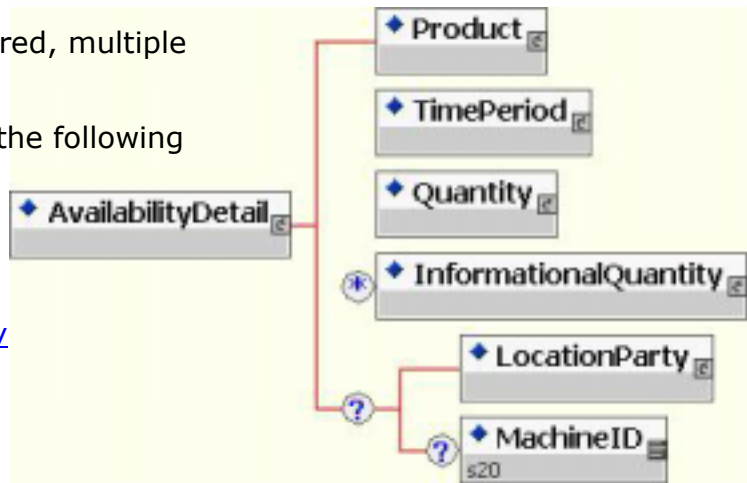


AvailabilityDetail

AvailabilityDetail is a required, multiple instance element.

AvailabilityDetail contains the following elements:

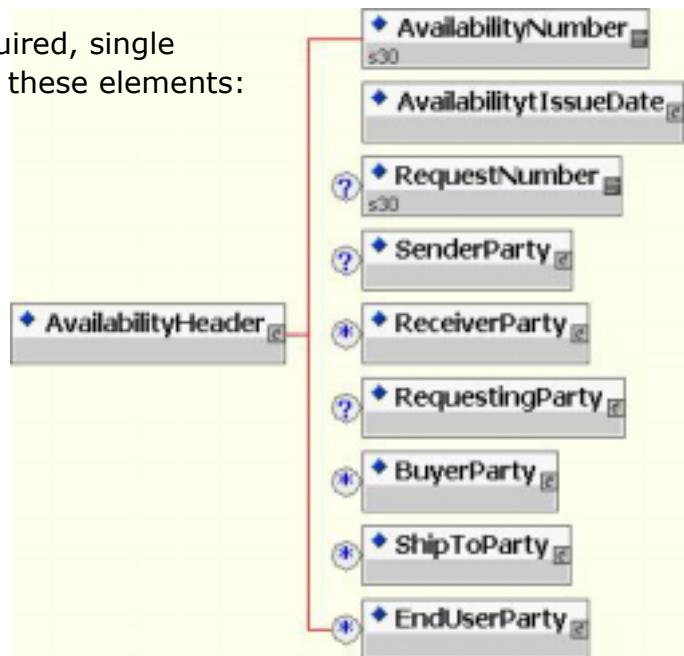
- [Product](#)
- [TimePeriod](#)
- [Quantity](#)
- [InformationalQuantity](#)
- [LocationParty](#)
- [MachineID](#)



AvailabilityHeader

The AvailabilityHeader is a required, single instance element that contains these elements:

- [AvailabilityNumber](#)
- [AvailabilityIssueDate](#)
- [RequestNumber](#)
- [SenderParty](#)
- [ReceiverParty](#)
- [RequestingParty](#)
- [BuyerParty](#)
- [ShipToParty](#)
- [EndUserParty](#)



AvailabilityIssueDate

The date and time that the Availability message was created.

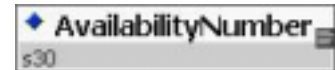
AvailabilityIssueDate contains:

- Date
- Time



AvailabilityNumber

An element that contains the unique identifying number of the Availability message.

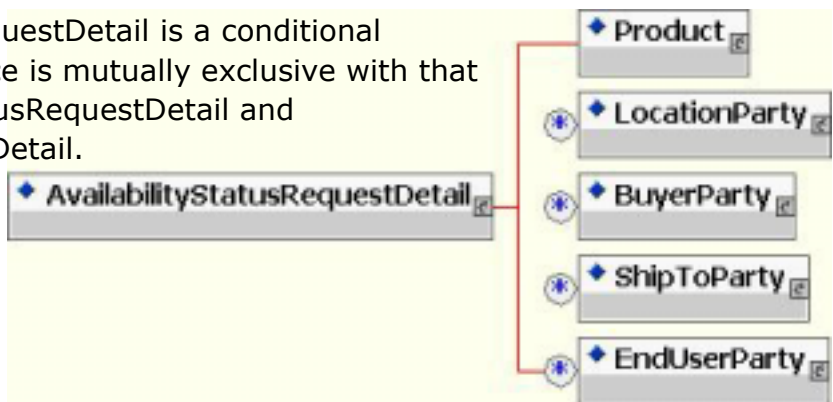


AvailabilityStatusRequestDetail

AvailabilityStatusRequestDetail is a conditional element. Its existence is mutually exclusive with that of the InventoryStatusRequestDetail and OrderStatusRequestDetail.

Elements include:

- [Product](#)
- [LocationParty](#)
- [BuyerParty](#)
- [ShipToParty](#)
- [EndUserParty](#)



Bale

A single or rectangular grouping of product

Bale contains the following attributes:

- [BaleType](#)

Bale contains the following elements:

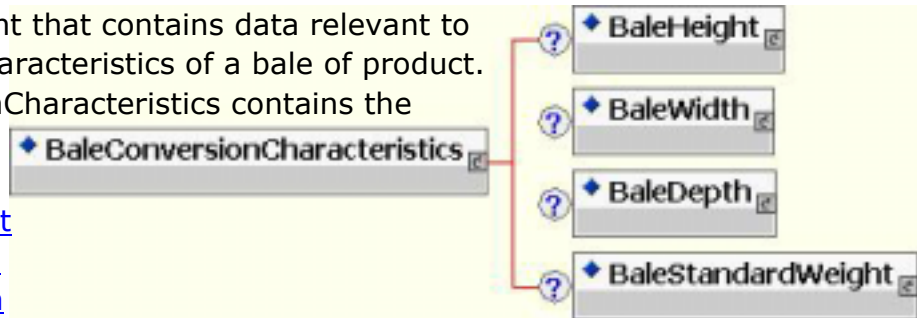
- [BaleConversionCharacteristics](#)
- [BalePackagingCharacteristics](#)



BaleConversionCharacteristics

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

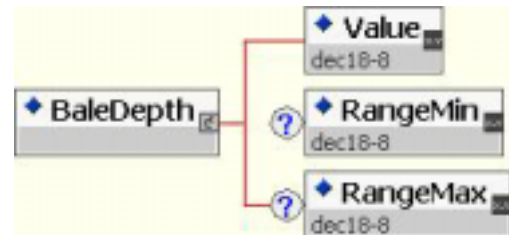
- [BaleHeight](#)
- [BaleWidth](#)
- [BaleDepth](#)
- [BaleStandardWeight](#)



BaleDepth

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

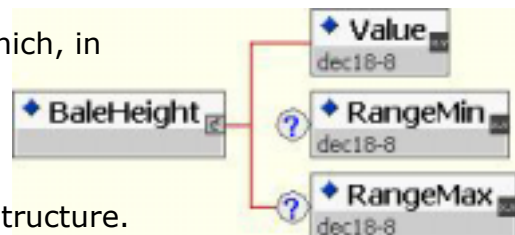
See [Measurement](#) for a discussion of the structure.



BaleHeight

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

See [Measurement](#) for a discussion of the structure.



BaleItem

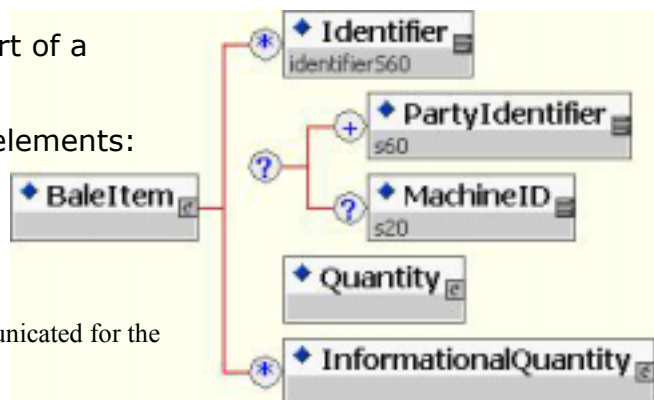
An individual bale included as part of a delivery.

BaleItem contains the following elements:

- [Identifier](#) of the bale
- [PartyIdentifier](#)
- [MachineID](#)
- [Quantity](#)
- [InformationalQuantity](#)

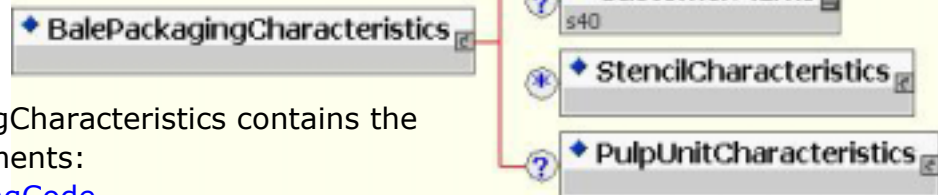
The primary quantity being communicated for the bale.

For other quantities associated with the bale.



BalePackagingCharacteristics

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



BalePackagingCharacteristics contains the following elements:

- [PackagingCode](#)
- [CustomerMarks](#)
- [StencilCharacteristics](#)
- [PulpUnitCharacteristics](#)

BalesPerUnit

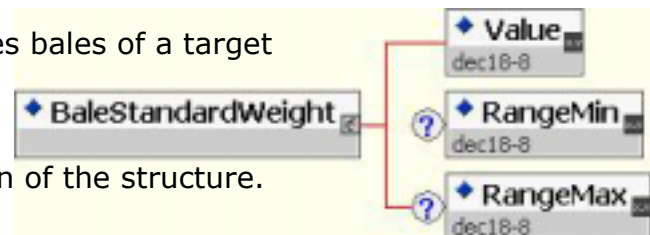
The number of bales included on the shipping, handling, or delivery unit.



BaleStandardWeight

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

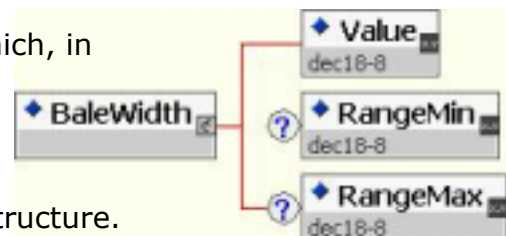
See [Measurement](#) for a discussion of the structure.



BaleWidth

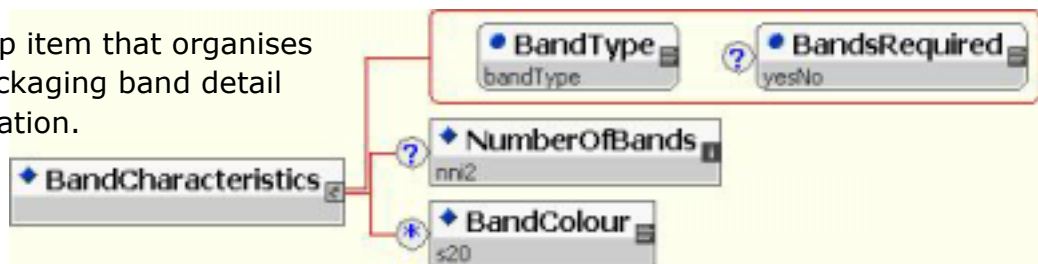
A measurement of one side of the bale, which, in conjunction with the BaleDepth and BaleHeight make up the three measurements of the bale.

See [Measurement](#) for a discussion of the structure.



BandCharacteristics

A group item that organises the packaging band detail information.



BandCharacteristics contains the following attributes:

- [BandType](#)
- [BandsRequired](#)

BandCharacteristics contains the following elements:

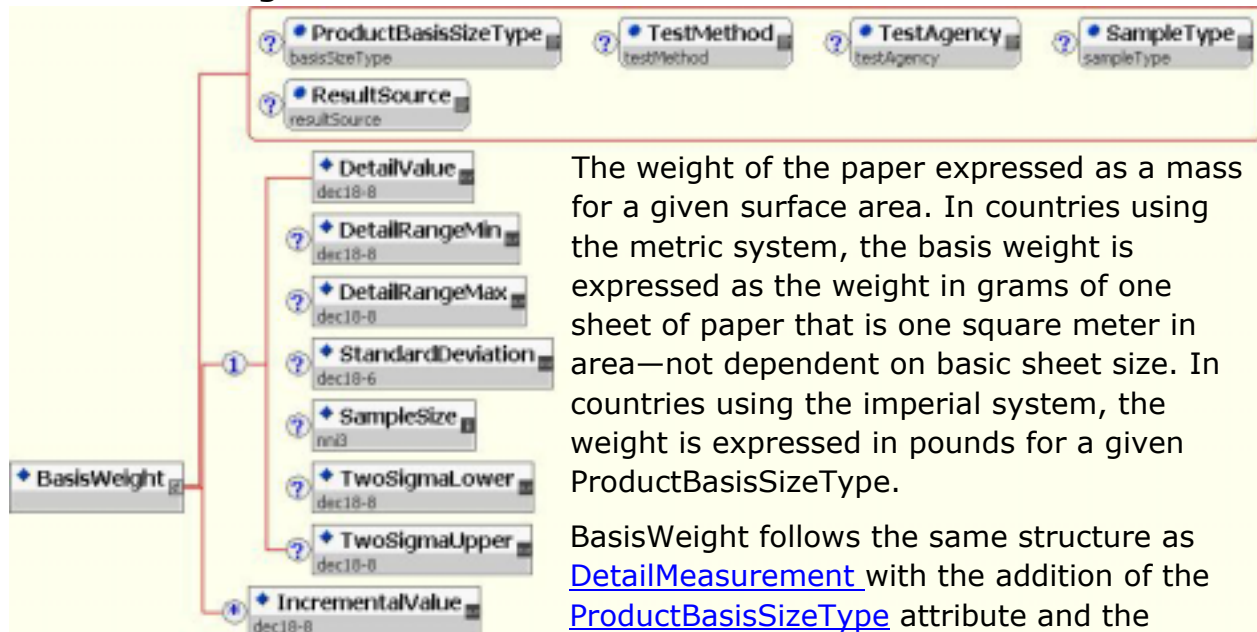
- [NumberOfBands](#)
- [BandColour](#)

BandColour

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



BasisWeight



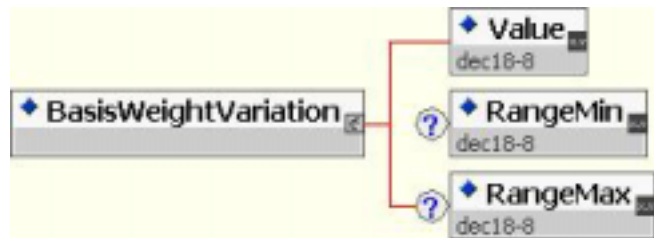
The weight of the paper expressed as a mass for a given surface area. In countries using the metric system, the basis weight is expressed as the weight in grams of one sheet of paper that is one square meter in area—not dependent on basic sheet size. In countries using the imperial system, the weight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

BasisWeight follows the same structure as [DetailMeasurement](#) with the addition of the [ProductBasisSizeType](#) attribute and the IncrementalValue element.

BasisWeightVariation

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

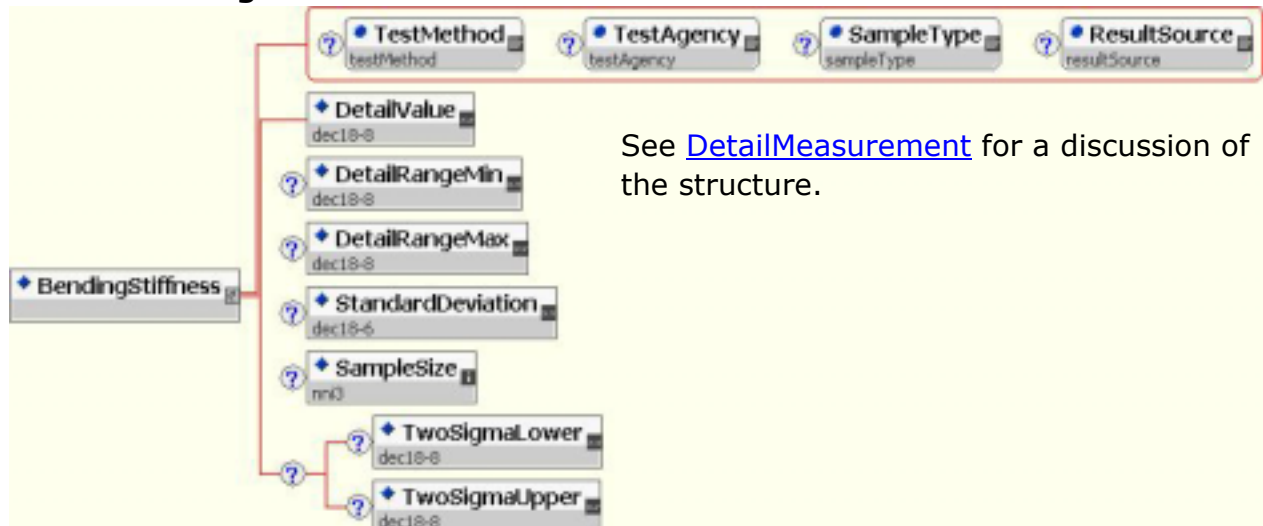
See [Measurement](#) for a discussion of the structure.



BendingResistance



BendingStiffness

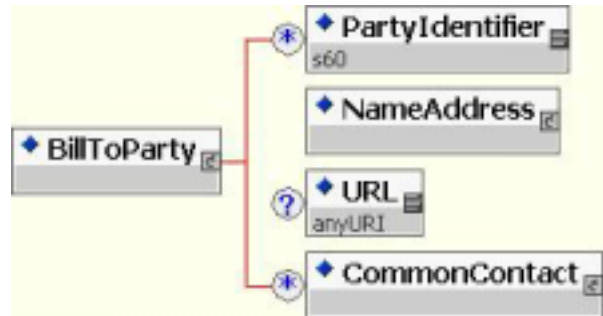


BillToParty

The organisation or business entity to be invoiced.

BillToParty contains the following elements:

- [PartyIdentifier](#)
- [NameAddress](#)
- [URL](#)
- [CommonContact](#)



Refer to [Party](#) for a discussion of this structure and additional information

Blanket

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

Blanket contains:

- BlanketType
- BlanketPacking

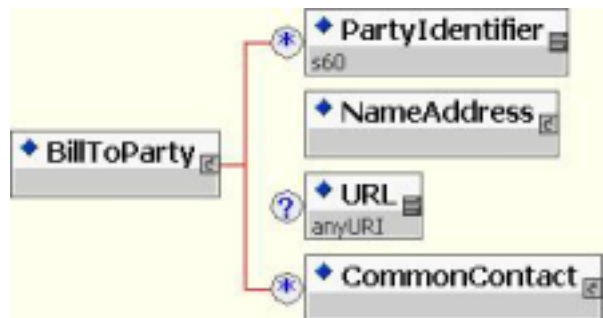


BillToParty

The organisation or legal entity to which the invoice is to be sent. See [Party](#) for structure.

BuyerParty contains the following elements:

- [PartyIdentifier](#)
- [NameAddress](#)
- [URL](#)
- [CommonContact](#)



Refer to [Party](#) for additional information

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 .01 to .008 inches.



BlanketType



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

BookManufacturing

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



BookManufacturing contains the following elements:

- ProofInformationalQuantity
- SuppliedComponentInformation
- PackagingCharacteristics

BoxCharacteristics

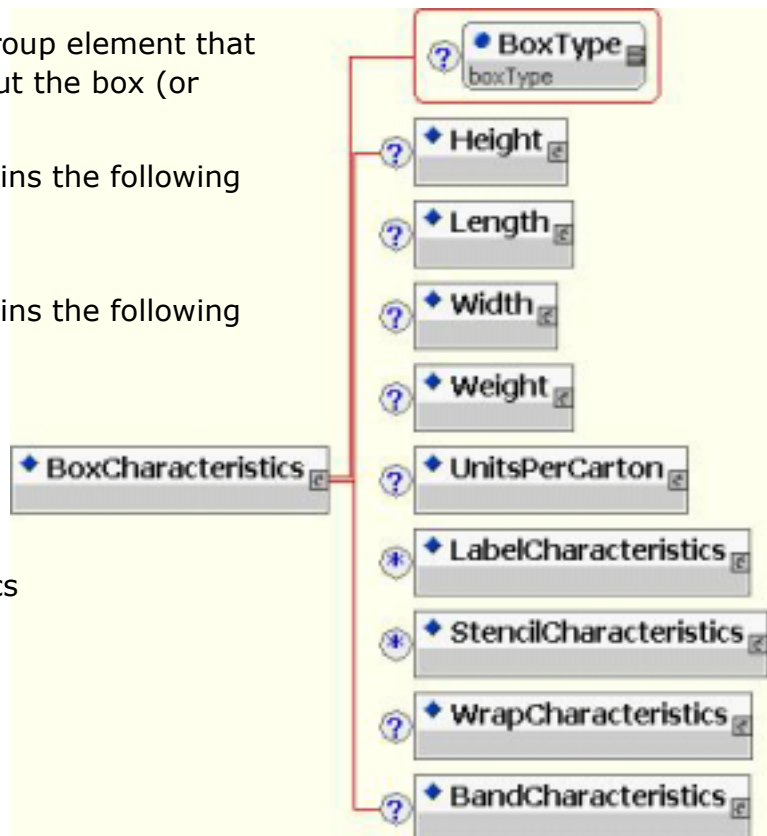
BoxCharacteristics is a group element that contains information about the box (or carton).

BoxCharacteristics contains the following attributes:

- BoxType

BoxCharacteristics contains the following elements:

- Height
- Length
- Width
- UnitsPerCarton
- LabelCharacteristics
- StencilCharacteristics
- WrapCharacteristics
- BandCharacteristics



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 UsageLineItemDetail@ItemType to refer to a box that contains other boxes.

BoxItem contains:

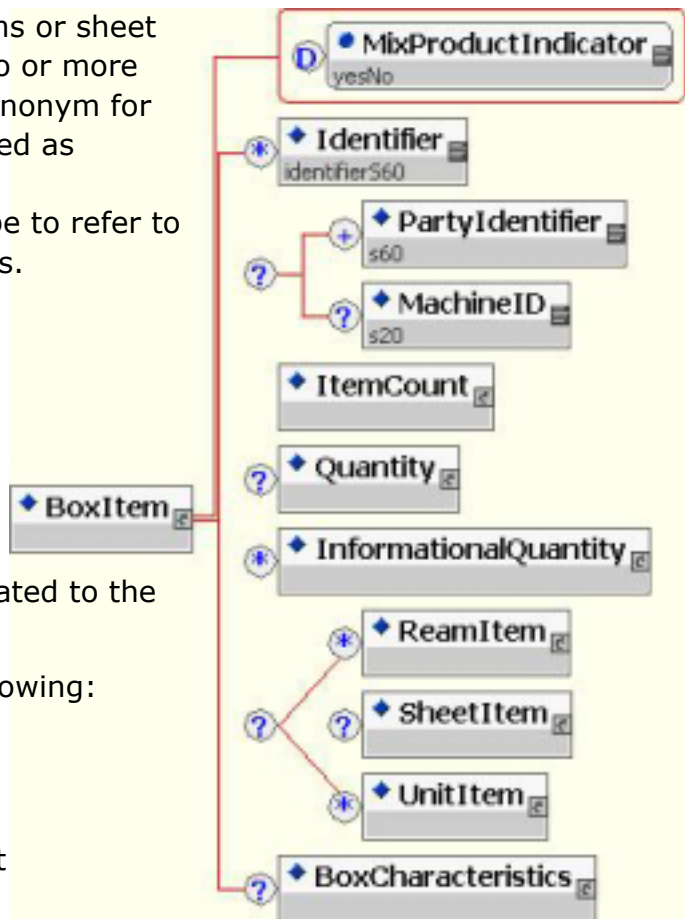
- [Identifier](#)
- [PartyIdentifier](#)
- [MachineID](#)
- [ItemCount](#) of the reams or sheets
- [Quantity](#) of the box
- [InformationalQuantity](#) related to the box

Boxes contain either of the following:

- [ReamItem](#)
- [SheetItem](#)
- UnitItem

And then the following element

- BoxCharacteristics

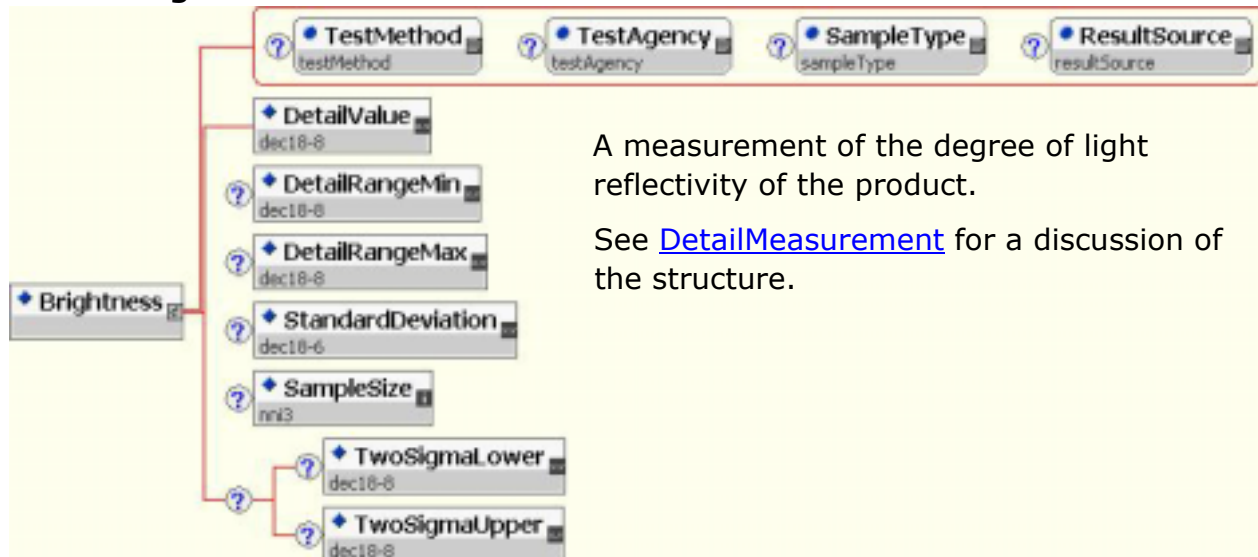


Brand

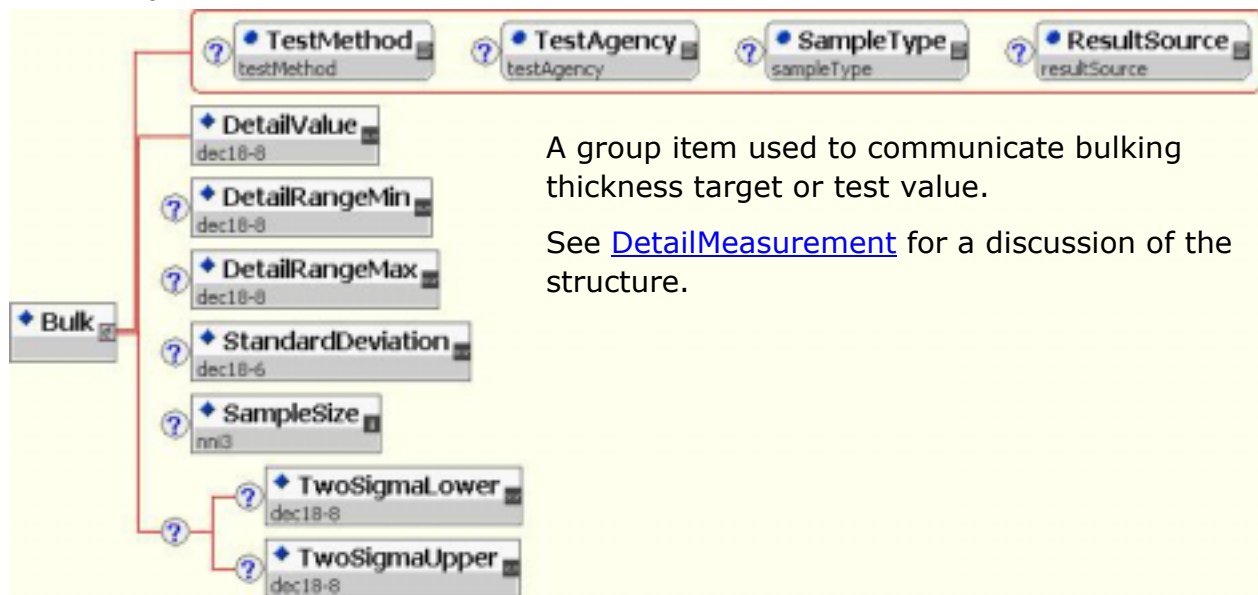
Specifies a brand or trade name of wrapping material to be used when wrapping the product.



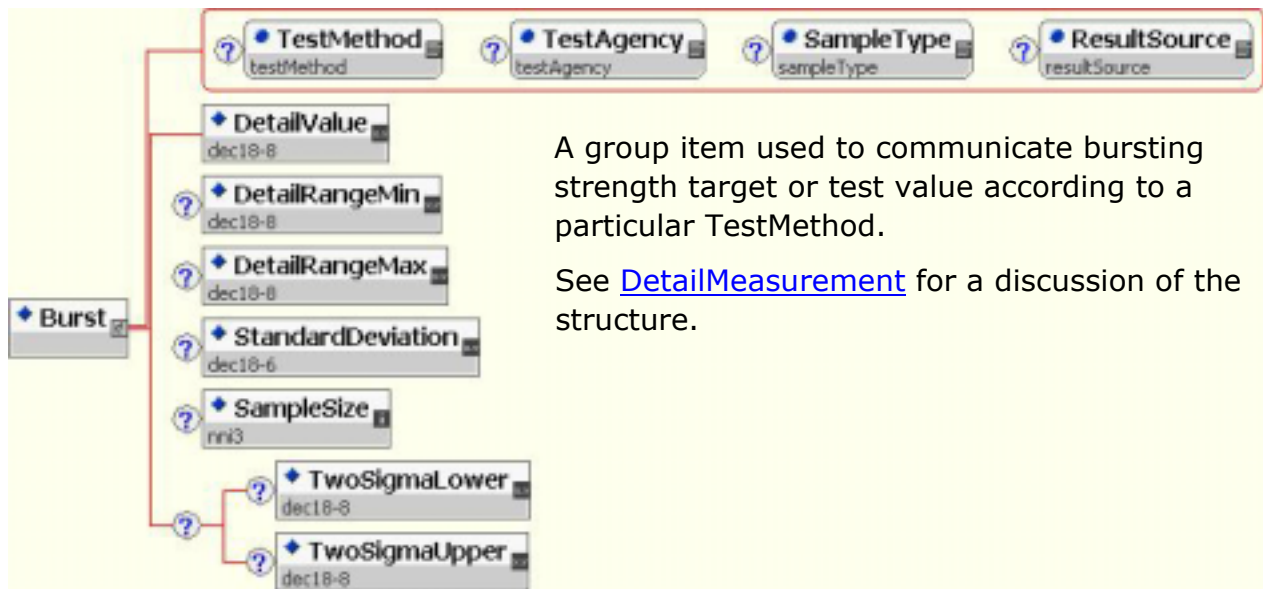
Brightness



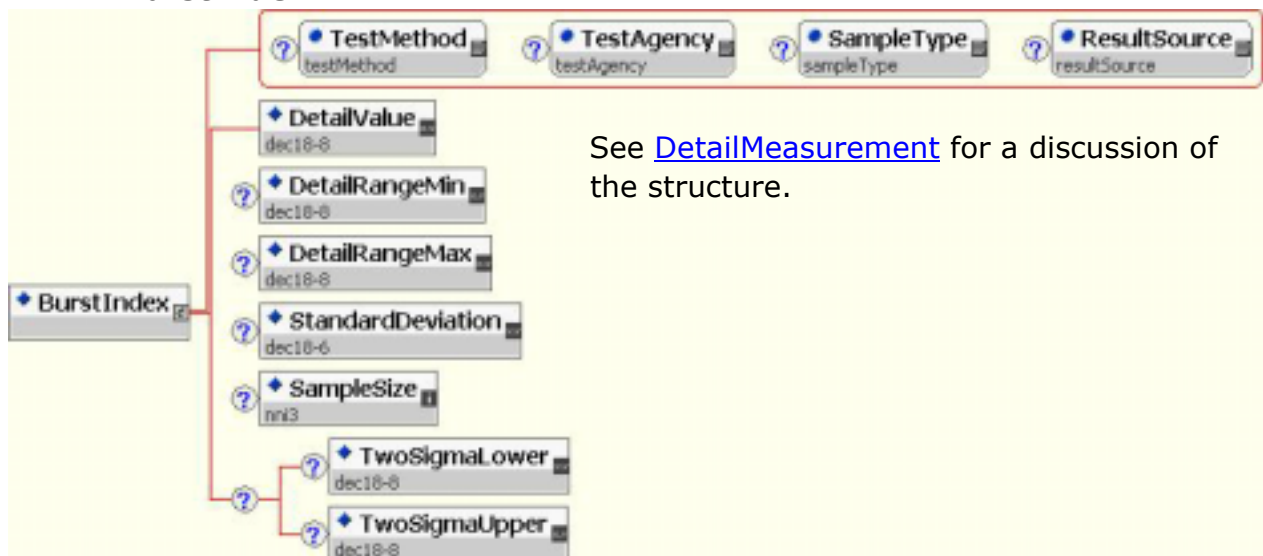
Bulk



Burst



BurstIndex



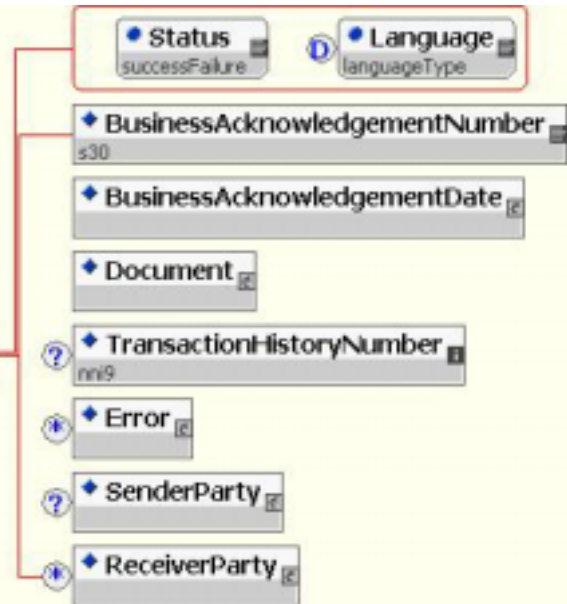
Business Acknowledgement Root

BusinessAcknowledgement has the following attributes:

- [Status](#)
 - ✧ Required, tells the sender if the message was processed.
- [Language](#)
 - ✧ Indicates the language for the content of the message.

Business Acknowledgement has the following elements:

- [BusinessAcknowledgement-Number](#)
- [BusinessAcknowledgementDate](#)
- [Document](#)
- [TransactionHistoryNumber](#) (of the document in question)
- [Error](#)
- [SenderParty](#)
 - ✧ Optionally used to describe who in the receiver location can be contacted to discuss document processing
- [ReceiverParty](#)



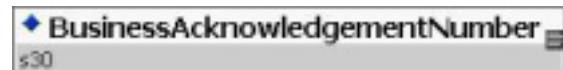
BusinessAcknowledgementDate

The [Date](#) and [Time](#) when the Business-Acknowledgement message was sent.



BusinessAcknowledgementNumber

The unique identifier for the Business-Acknowledgement message, not for the original Document.

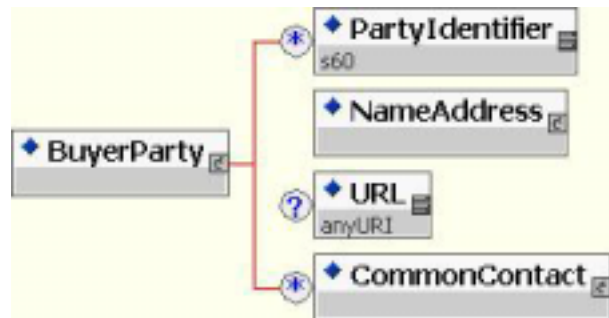


BuyerParty

The organisation or legal entity authorised to issue the purchase order. See [Party](#) for structure.

BuyerParty contains the following elements:

- [PartyIdentifier](#)
- [NameAddress](#)
- [URL](#)
- [CommonContact](#)



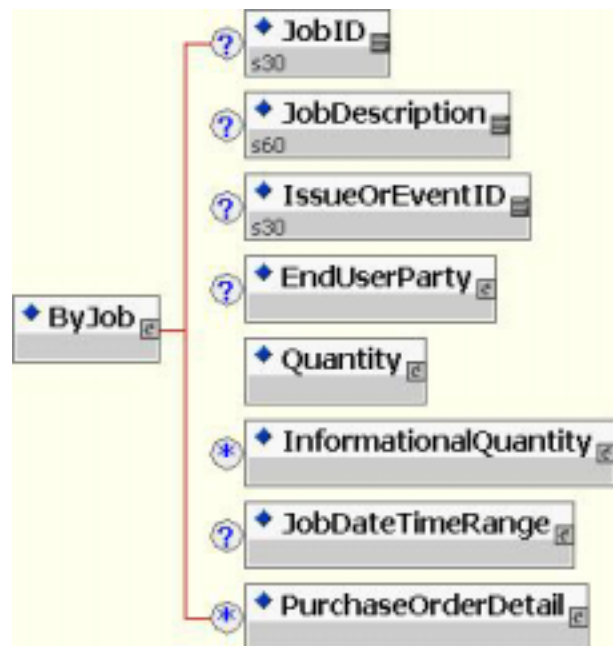
Refer to [Party](#) for additional information

ByJob

Multiple ByJob instances are allowed.

ByJob contains the following elements:

- JobId
- JobTitle
- IssueOrEventID
- EndUserParty
- Quantity
- InformationalQuantity
- JobDateTimeRange
- PurchaseOrderDetail



ByLoad

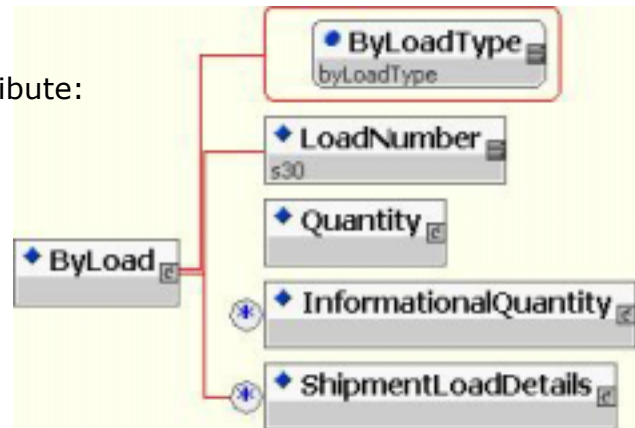
ByLoad instances are allowed.

ByLoad contains the following attribute:

- ByLoadType
 - ✧ Forecast
 - ✧ Shipment

ByLoad contains the following elements:

- LoadNumber
- Quantity
- InformationalQuantity
- ShipmentLoadDetails

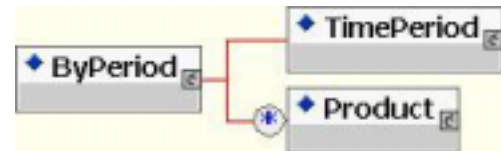


ByPeriod

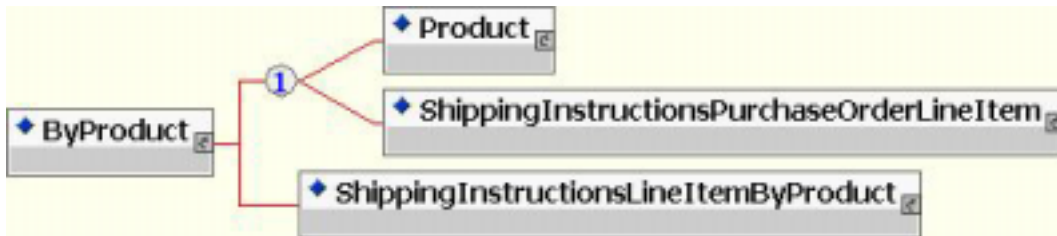
ByPeriod is a conditional element. This element is mutually exclusive of ByQualifiedPurchaseOrderInformation and ByQualifiedDeliveryMessage.

Elements may include

- [TimePeriod](#)
- [Product](#)



ByProduct



ByProduct requires a choice of one of either of the two elements:

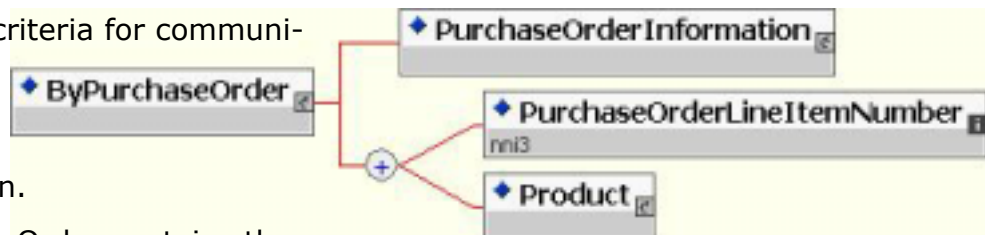
- [Product](#)
- [ShippingInstructionsPurchaseOrderLineItem](#)

And then the following element:

- [ShippingInstructionsLineItemByProduct](#)

ByPurchaseOrder

Selection criteria for communicating Purchase Order information.



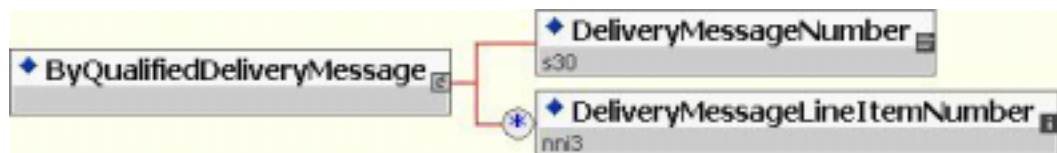
ByPurchaseOrder contains the following elements:

- [PurchaseOrderInformation](#)

A choice of either

- [PurchaseOrderLineItemNumber](#)
- [Product](#)

ByQualifiedDeliveryMessage

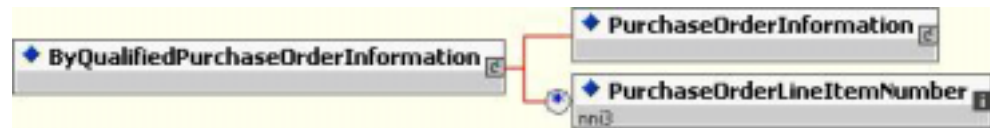


A grouping element that communicates the detailed (qualified) delivery message.

ByQualifiedDeliveryMessage contains the following elements:

- DeliveryMessageNumber
- DeliveryMessageLineItemNumber

ByQualifiedPurchaseOrderInformation



ByQualifiedPurchaseOrderInformation is a conditional element. This element is mutually exclusive of ByPeriod and ByShipment. The use of the term “qualified” is to indicate that PurchaseOrderInformation is qualified by the use of PurchaseOrderLineNumber.

Elements may include:

- [PurchaseOrderInformation](#)
- [PurchaseOrderLineNumber](#)

ByShipTo

ByShipTo contains the following elements:

- [ShipToCharacteristics](#)
- [Delivery-Date-Window](#)
- [TransportMode-Characteristics](#)
- [TransportVehicleCharacteristics](#)
- [TransportUnitCharacteristics](#)
- [TransportLoadingCharacteristics](#)
- [TransportOtherInstructions](#)
- [ShippingInstructionsLineItemByShipTo](#)



ShippingInstructionsLineItemByShipTo has a required attribute that indicates the status of the line item:

- [ShippingInstructionsLineItemStatusType](#)
 - ✧ Accepted
 - ✧ Amended
 - ✧ Cancelled
 - ✧ NoAction
 - ✧ Original
 - ✧ Pending
 - ✧ Rejected

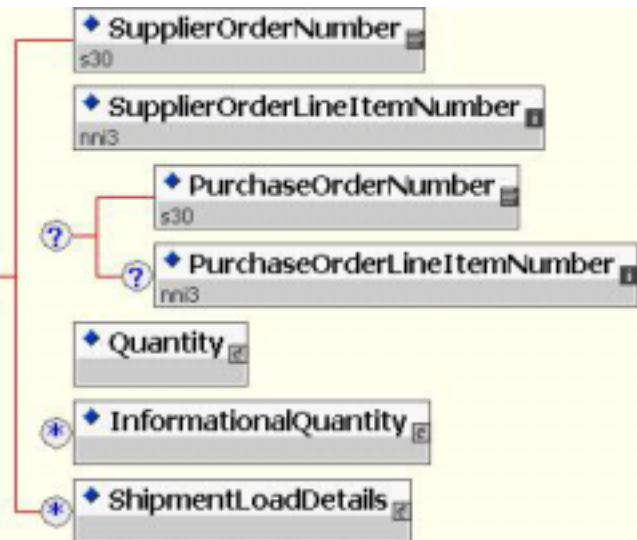
BySupplierOrder

BySupplierOrder

Multiple BySupplierOrder instances are allowed.

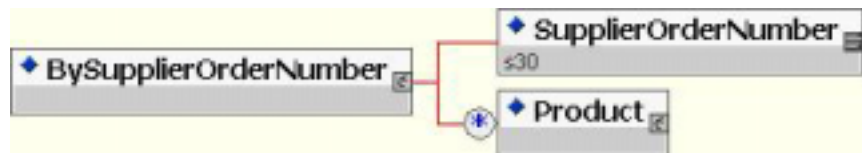
BySupplierOrder contains the following elements:

- SupplierOrderNumber
- Supplier-Order-LineItem-Number
- PurchaseOrderNumber
- PurchaseOrderLineItem-Number
- Quantity
- InformationalQuantity
- ShipmentLoadDetails



BySupplierOrderNumber

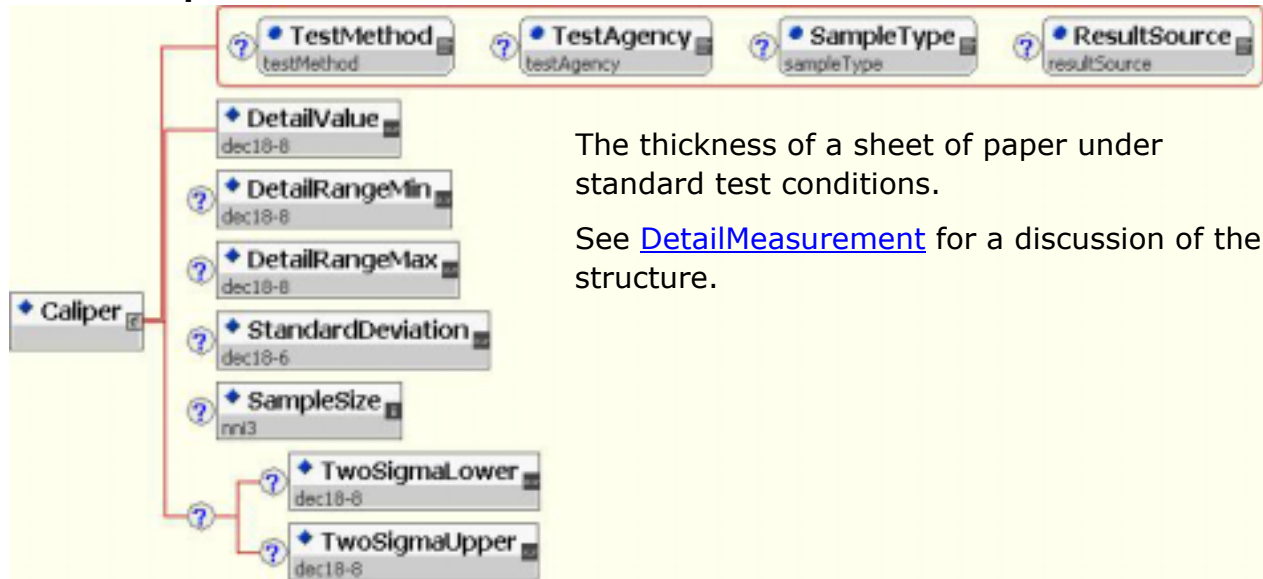
Selection criteria for communicating Supplier Order information.

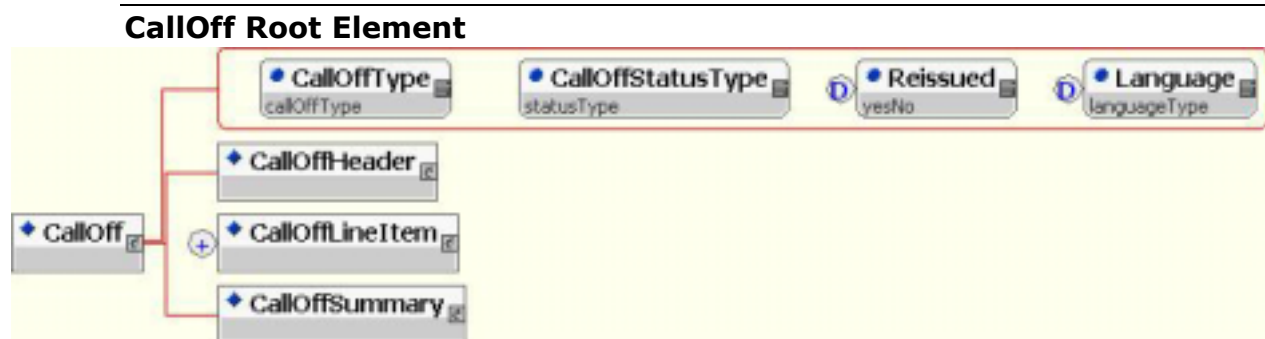


BySupplierOrderNumber contains the following elements:

- [SupplierOrderNumber](#)
- [Product](#)

Caliper





CallOff contains the following attributes:

- [CallOffType](#)
 - ✧ CallOff
 - ✧ CallOffConfirmation
- [CallOffStatusType](#)
 - ✧ Accepted
 - ✧ Amended
 - ✧ Cancelled
 - ✧ Original
 - ✧ Rejected
- [Reissued](#), indicates if this CallOff has been reissued.
- [Language](#), optional defaults to "eng" (English)

Elements:

- [CallOffHeader](#)
- [CallOffLineItem](#)
- [CallOffSummary](#)

CallOffConfirmationIssuedDate

The [Date](#) and [Time](#) on which the call-off confirmation was issued.



CallOffHeader

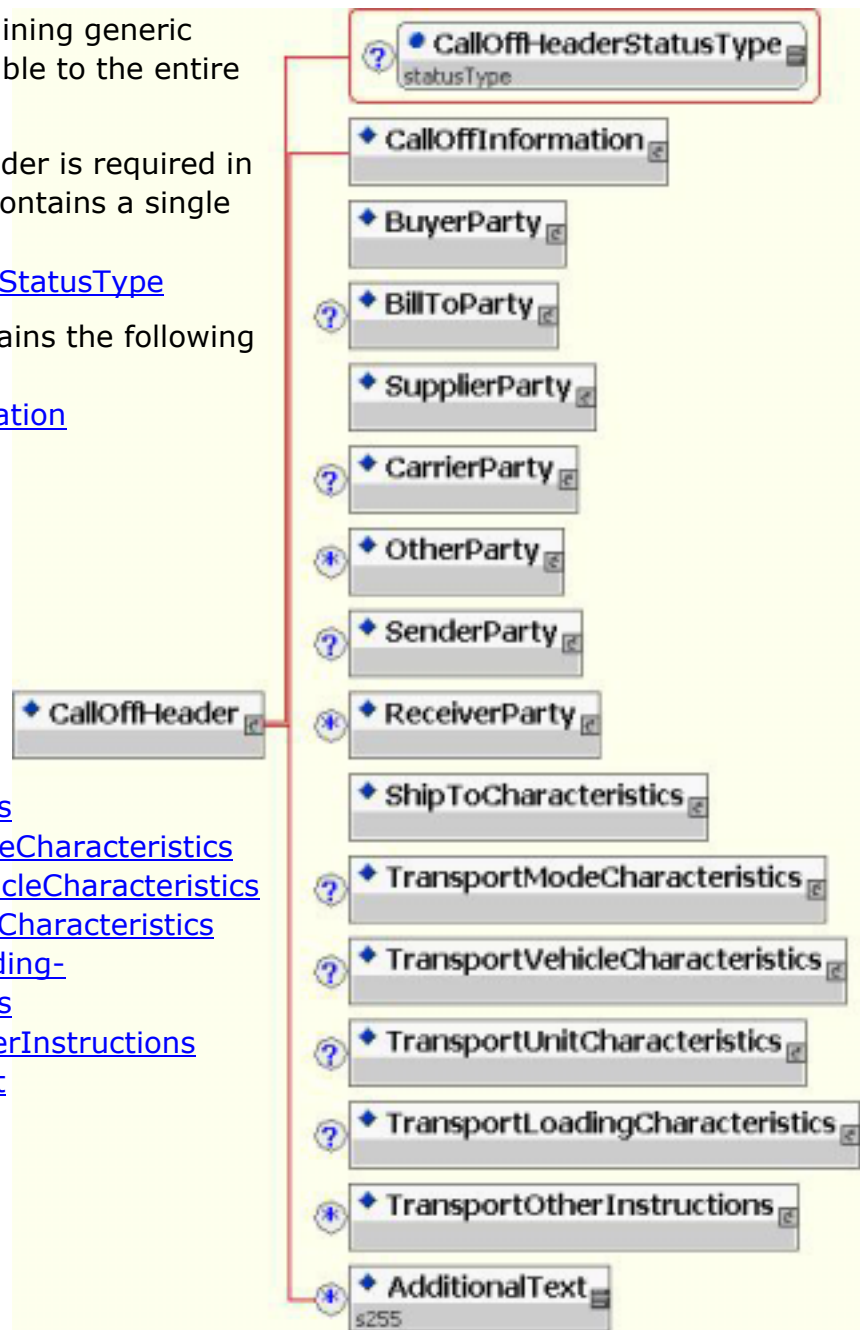
A group item containing generic information applicable to the entire call-off message.

A single CallOffHeader is required in each message. It contains a single attribute:

- [CallOffHeaderStatusType](#)

CallOffHeader contains the following elements:

- [CallOffInformation](#)
- [BuyerParty](#)
- [BillToParty](#)
- [SupplierParty](#)
- [CarrierParty](#)
- [OtherParty](#)
- [SenderParty](#)
- [ReceiverParty](#)
- [ShipTo-Characteristics](#)
- [TransportModeCharacteristics](#)
- [TransportVehicleCharacteristics](#)
- [TransportUnitCharacteristics](#)
- [TransportLoading-Characteristics](#)
- [TransportOtherInstructions](#)
- [AdditionalText](#)



CallOffInformation

A group item containing information unique to the call-off which is generated and supplied by the buyer, seller, or any party involved.

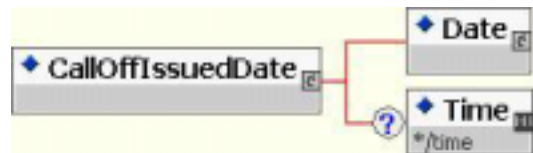
CallOffInformation is a required element that contains the following elements:

- [CallOffNumber](#)
- [CallOffIssuedDate](#)
- [CallOffConfirmationIssuedDate](#)
- [TransactionHistoryNumber](#)
- [TransactionHistoryConfirmationNumber](#)
- [CallOffReference](#)



CallOffIssuedDate

The issue [Date](#) and [Time](#) of the call-off message, which is the date and time when the call-off is transmitted.



CallOffLineItem

A group item containing information that relates to a line on the call-off.

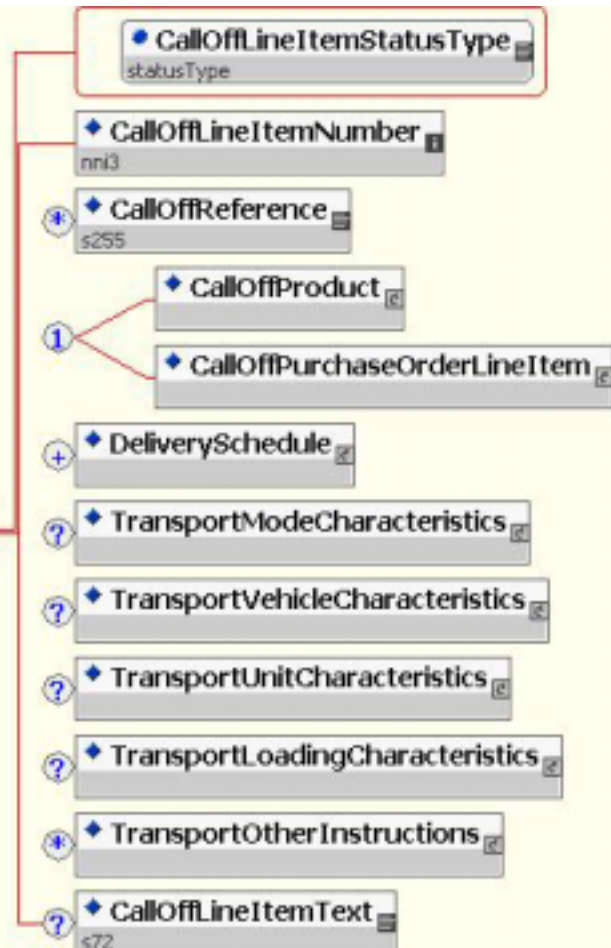
CallOffLineItem has a required attribute that indicates the status of the line item:

CallOffLineItem contains the following attribute:

- [CallOffLineItemStatusType](#)

CallOffLineItem contains the following elements:

- [CallOff-LineItem-Number](#)
- [CallOffReference](#)
- [CallOffProduct](#) or [CallOffPurchaseOrder-LineItem](#)
- [DeliverySchedule](#)
- [TransportModeCharacteristics](#)
- [TransportVehicle-Characteristics](#)
- [TransportUnitCharacteristics](#)
- [TransportLoadingCharacteristics](#)
- [TransportOtherInstructions](#)
- [CallOffLineItemText](#)



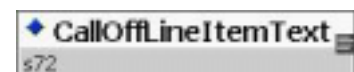
CallOffLineItemNumber

The sequential number that uniquely identifies the call-off line item.



CallOffLineItemText

A free text field to be used for special item instructions.



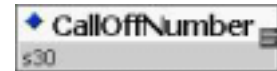
papiNet Standard – Version 2.10

CallOffNumber

CallOffProductConversionType

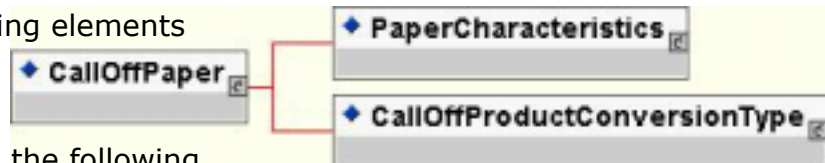
CallOffNumber

Unique call-off message identifier as designated by the trading partners.



CallOffPaper

A group item containing elements that describe the paper item.



CallOffPaper contains the following elements:

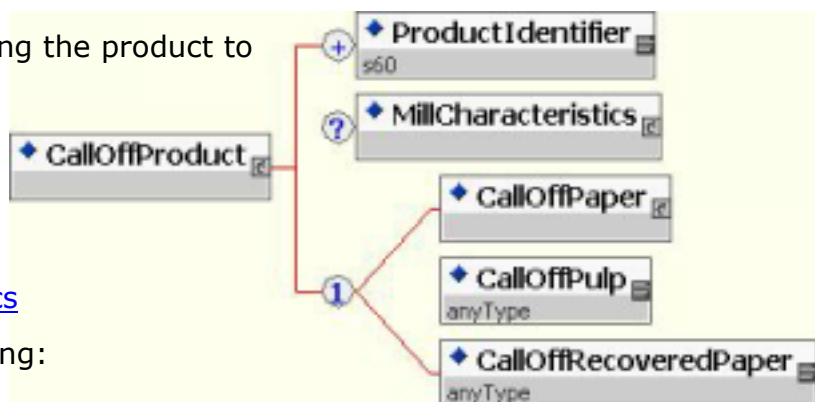
- [PaperCharacteristics](#)
- [CallOffProductConversionType](#)

CallOffProduct

A group item identifying the product to be called off.

CallOffProduct contains the following elements:

- [ProductIdentifier](#)
- [MillCharacteristics](#)

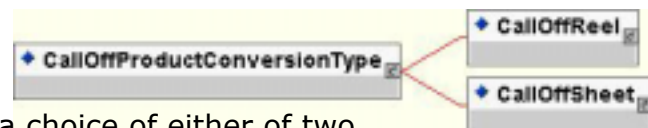


And one of the following:

- [CallOffPaper](#)
- [CallOffPulp](#)
- [CallOffRecoveredPaper](#)

CallOffProductConversionType

A call-off reel or a call-off sheet.

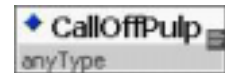


CallOffProductConversionType is a choice of either of two elements:

- [CallOffReel](#)
- [CallOffSheet](#)

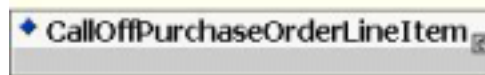
CallOffPulp

A content element that contains elements that define the pulp item.

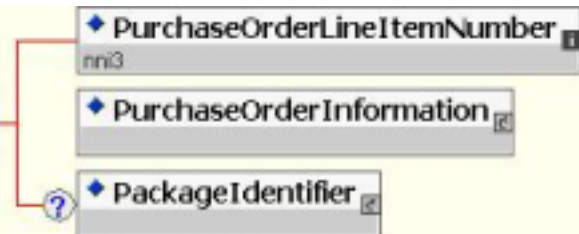


CallOffPurchaseOrderLineItem

A group item referring to a purchase



order line item. Either a CallOffPurchaseOrderLineItem or CallOffProduct is required.

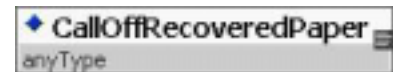


CallOffPurchaseOrderLineItem contains the following elements:

- [PurchaseOrderLineNumber](#)
- [PurchaseOrderInformation](#)
- [PackageIdentifier](#)

CallOffRecoveredPaper

An open-content element that will define the recycled fibre item

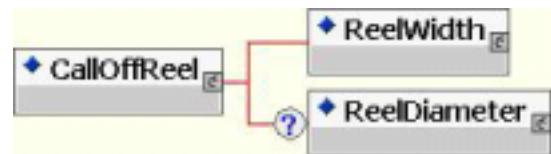


CallOffReel

A group item containing reel information for the call-off.

CallOffReel has the following element:

- [ReelWidth](#)
- [ReelDiameter](#)



CallOffReference

A group item detailing relevant references pertaining to the call-off. CallOffReference uses the [CallOffReferenceType](#) attribute.

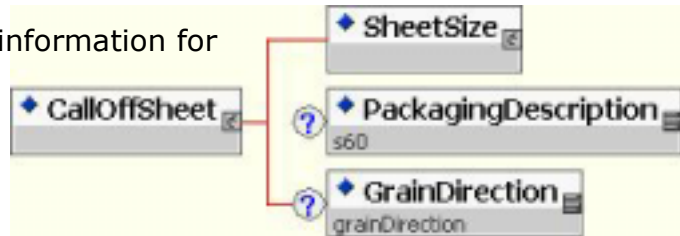


CallOffSheet

A group item containing sheet information for the call-off.

CallOffSheet has the following elements:

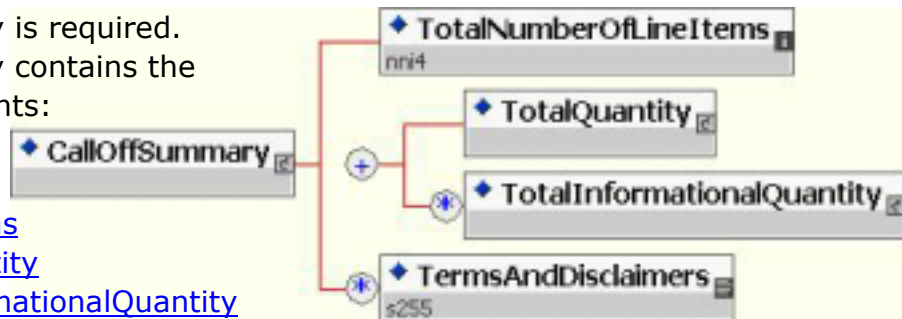
- [SheetSize](#)
- [PackagingDescription](#)
- [GrainDirection](#)



CallOffSummary

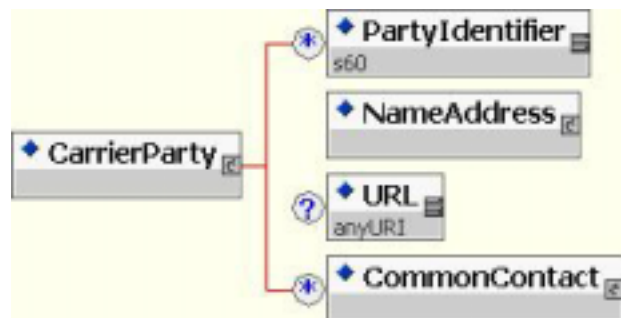
CallOffSummary is required. CallOffSummary contains the following elements:

- [Total-Number-OfLineItems](#)
- [TotalQuantity](#)
- [TotalInformationalQuantity](#)
- [TermsAndDisclaimers](#)



CarrierParty

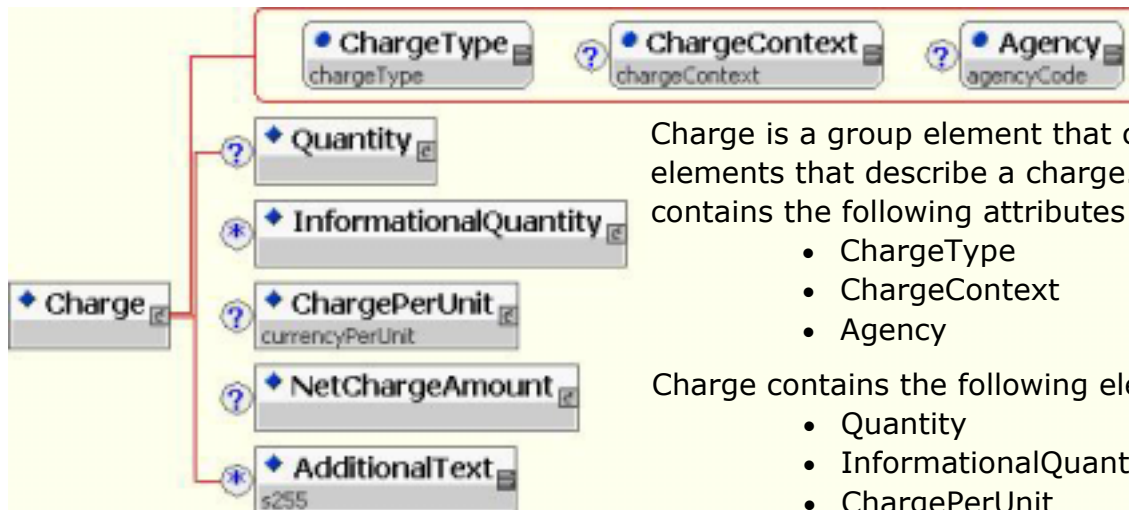
The party performing the transport of the product from the pickup location to the ship-to location; could be a hauler. In the delivery message, this party is more important; thus it stands on its own and is not an [OtherParty](#). See [Party](#) for additional information.



Carton

See [BoxItem](#).

Charge



Charge is a group element that contains elements that describe a charge. Charge contains the following attributes:

- ChargeType
- ChargeContext
- Agency

Charge contains the following elements:

- Quantity
- InformationalQuantity
- ChargePerUnit
- NetChargeAmount

- AdditionalText

ChargeOrAllowance

The description of the charge or allowance;

such as freight, special handling, and stop-off handling.

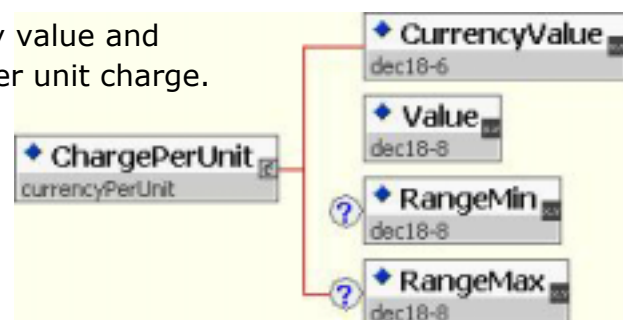
ChargeOrAllowance contains the following optional attribute:

- [ChargeOrAllowanceType](#)



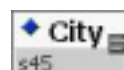
ChargePerUnit

A group item containing a currency value and measurement to communicate a per unit charge.



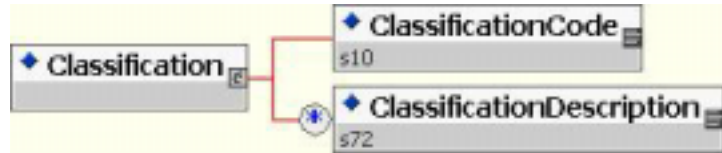
City

Name of the city associated with the address elements.



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.



Classification contains the following elements:

- [ClassificationCode](#)
- [ClassificationDescription](#)

ClassificationCode

A code assigned by the indicated [Agency](#) for this particular class of product.

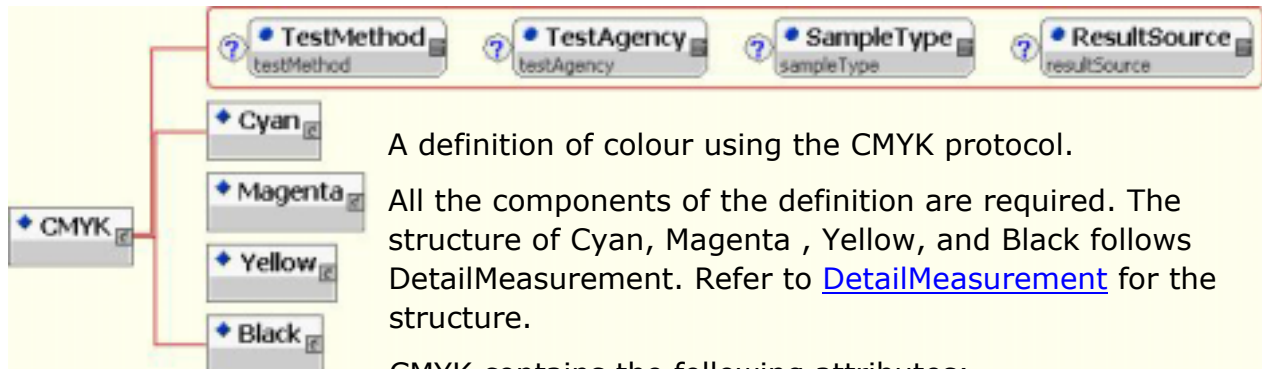


ClassificationDescription

A free form description of the classification.



CMYK



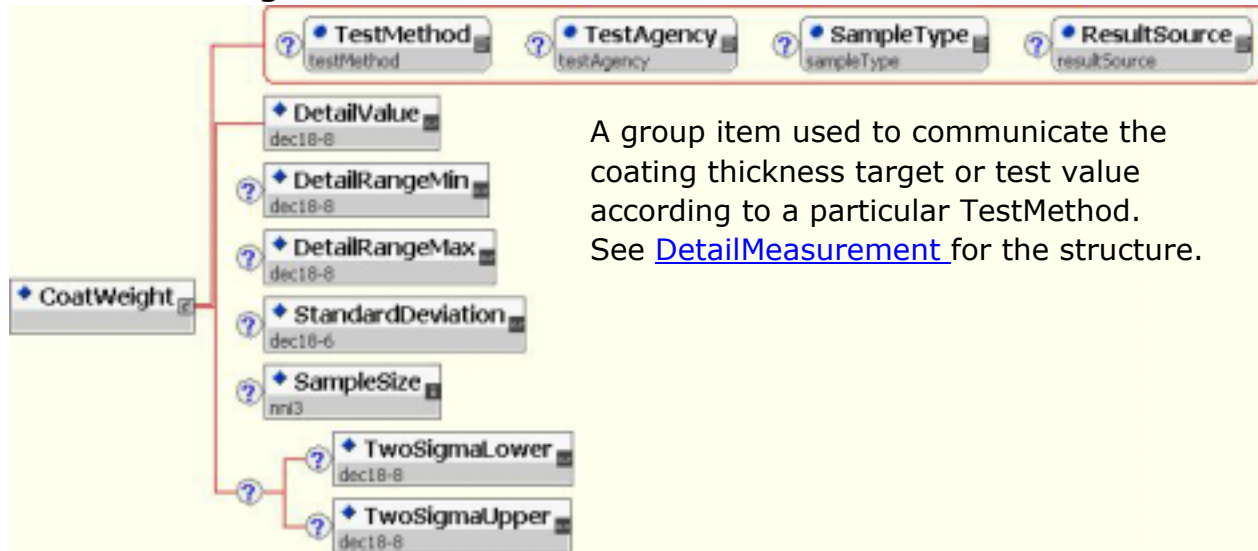
A definition of colour using the CMYK protocol.

All the components of the definition are required. The structure of Cyan, Magenta, Yellow, and Black follows DetailMeasurement. Refer to [DetailMeasurement](#) for the structure.

CMYK contains the following attributes:

- [TestMethod](#)
- [TestAgency](#)
- [SampleType](#)
- [ResultSource](#)

CoatWeight



ColourCode

A code indicating the colour.



ColourDescription

A free form description of the colour.



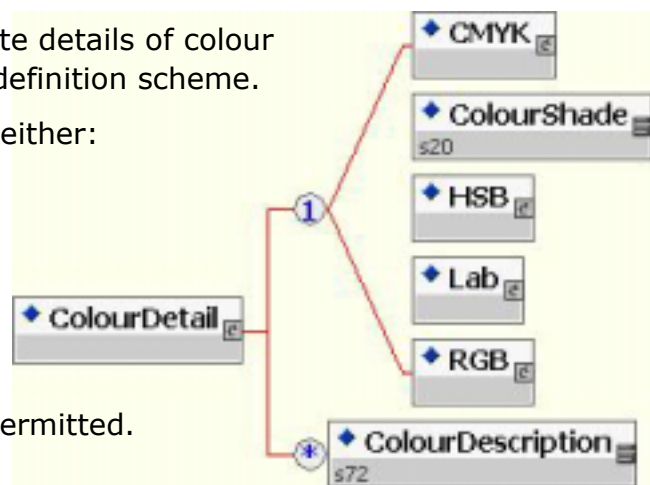
ColourDetail

A group item used to communicate details of colour according to the selected colour definition scheme.

ColourDetail requires a choice of either:

- CMYK
- ColourShade
- HSB
- Lab
- RGB

An optional repeatable ColourDescription is permitted.



ColourShade

The colour shade as defined by the indicated [Agency](#).



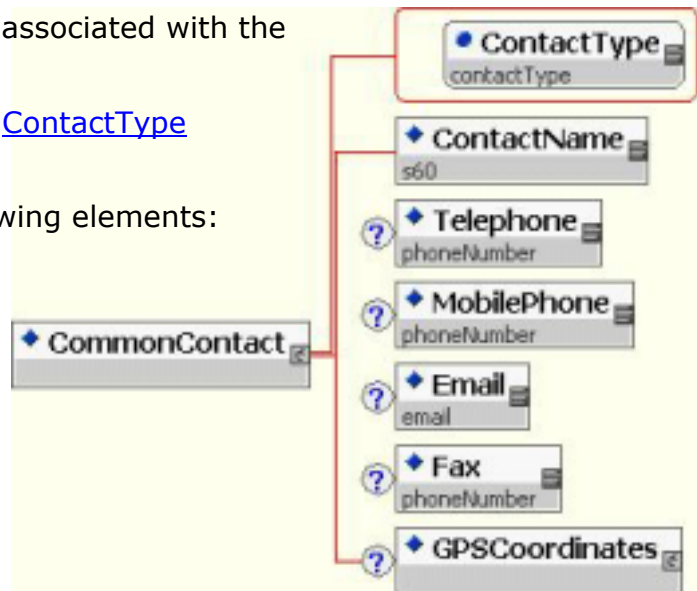
CommonContact

Identifies a specific individual associated with the party.

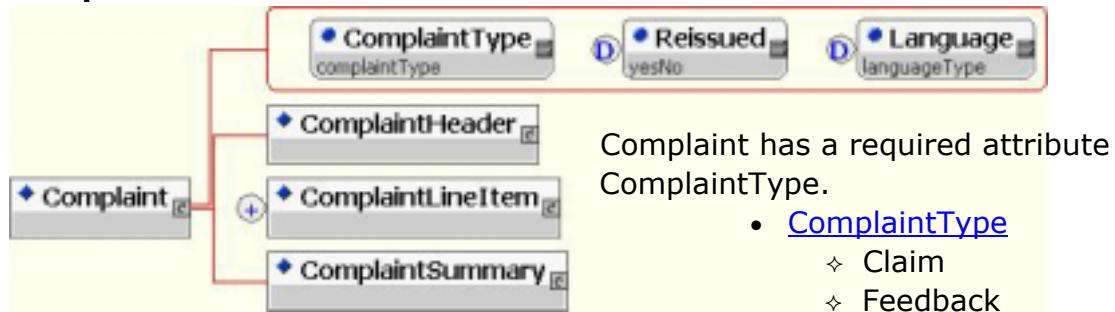
CommonContact contains the [ContactType](#) attribute:

CommonContact has the following elements:

- [ContactName](#)
- [Telephone](#)
- [MobilePhone](#)
- [Email](#)
- [Fax](#)
- GPSCoordinates



Complaint Root



Complaint has an optional attribute that indicates whether the document is an original or a copy. The default is No – the document is not a copy, it is an original.

- [Reissued](#)
 - ✧ Yes
 - ✧ No

An attribute to communicate the Language

- [Language](#), optional defaults to "eng" (English)
 - ✧ Indicates the language for the content of the message.

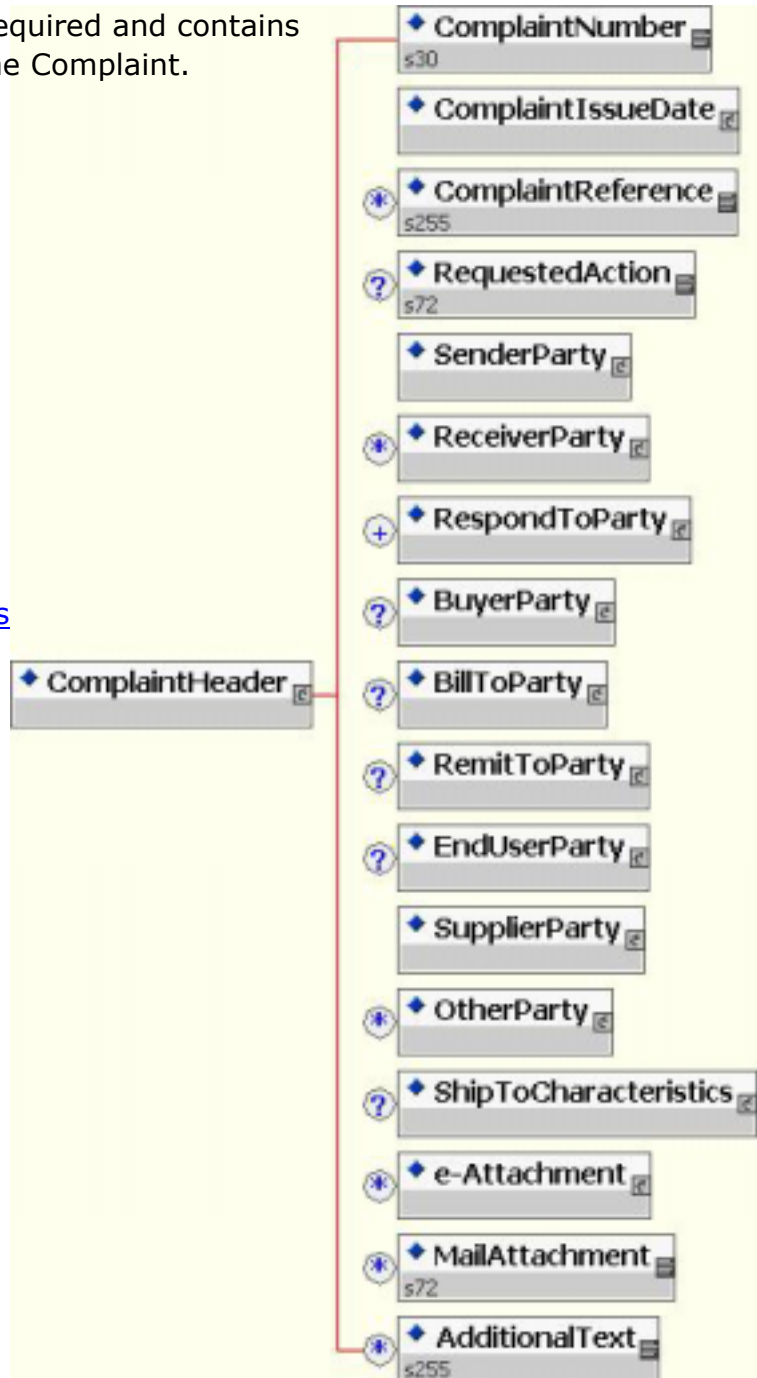
Elements

- [ComplaintHeader](#)
- [ComplaintLineItem](#)
- [ComplaintSummary](#)

ComplaintHeader

The ComplaintHeader is required and contains information common to the Complaint.

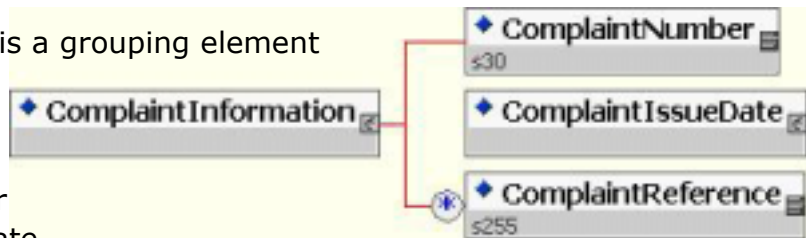
- [ComplaintNumber](#)
- [ComplaintIssueDate](#)
- [ComplaintReference](#)
- [RequestedAction](#)
- [SenderParty](#)
- [ReceiverParty](#)
- [RespondToParty](#)
- [BuyerParty](#)
- [BillToParty](#)
- [RemitToParty](#)
- [EndUserParty](#)
- [SupplierParty](#)
- [OtherParty](#)
- [ShipToCharacteristics](#)
- [e-Attachment](#)
- [MailAttachment](#)
- [AdditionalText](#)



ComplaintInformation

ComplaintInformation is a grouping element that contains general information about the Complaint:

- ComplaintNumber
- ComplaintIssueDate
- ComplaintReference



ComplaintIssueDate

The date on which the Complaint was issued by the complainer. Contains:

- Date
- Time



ComplaintLineItem

Multiple ComplaintLineItem instances are allowed; at least one is required.

- [ComplaintLineItemNumber](#)
- [ComplaintReason](#)
- [RequestedAction](#)
- [ConsumptionProcess](#)
- [TransportInformation](#)
- [NumberOf-](#)
[ComplaintLineItemDetail](#)
- [ComplaintSpecification](#)
- [ComplaintLineItemDetail](#)
- [Quantity](#)

- [InformationalQuantity](#)
- [ComplaintLine-](#)
[NetChargeAmount](#)
- [e-Attachment](#)
- [MailAttachment](#)
- [AdditionalText](#)



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ComplaintLineItemDetail

ComplaintLineNetChargeAmount

ComplaintLineItemDetail

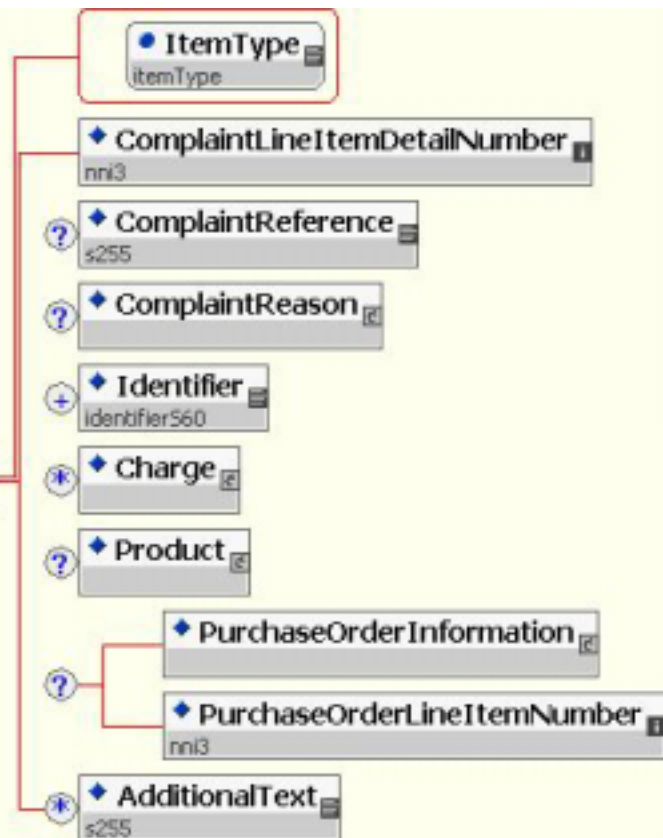
A group item containing information necessary to identify the type of article being complained (example: pallet, reel etc.)

Contains the following attribute:

- ItemType

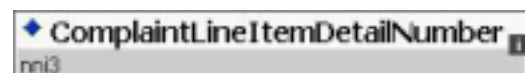
Contains the following elements:

- ComplaintLineItemDetail
- ComplaintLineItemDetailNumber
- ComplaintReference
- Identifier
- Charge
- Product
- PurchaseOrderInformation
- PurchaseOrderLineNumber
- AdditionalText



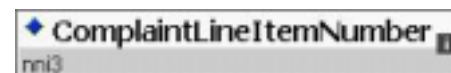
ComplaintLineItemDetailNumber

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.



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ComplaintNumber

ComplaintReference

ComplaintNumber

A unique identification number of the Complaint, generated by the complainer.

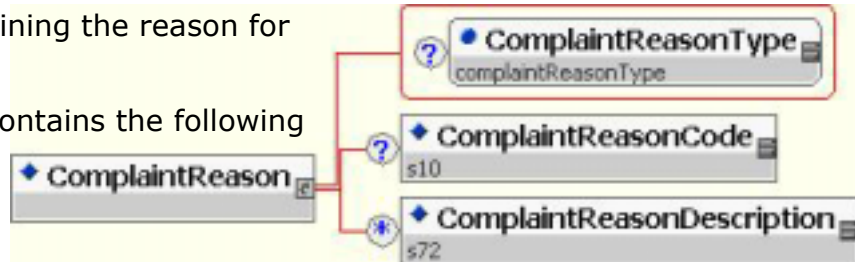


ComplaintReason

A group item containing the reason for the Complaint,

ComplaintReason contains the following attribute:

- Complaint-ReasonType



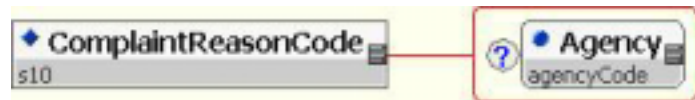
ComplaintReason contains the following elements:

- ComplaintReasonCode
- ComplaintReasonDescription

ComplaintReasonCode

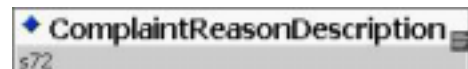
A code for quickly communicating the type of ComplaintReason. The

Agency responsible for the code can be associated with the element.



ComplaintReasonDescription

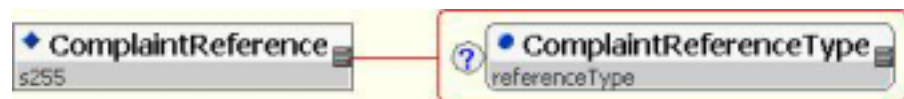
A text field element describing the reason for the Complaint

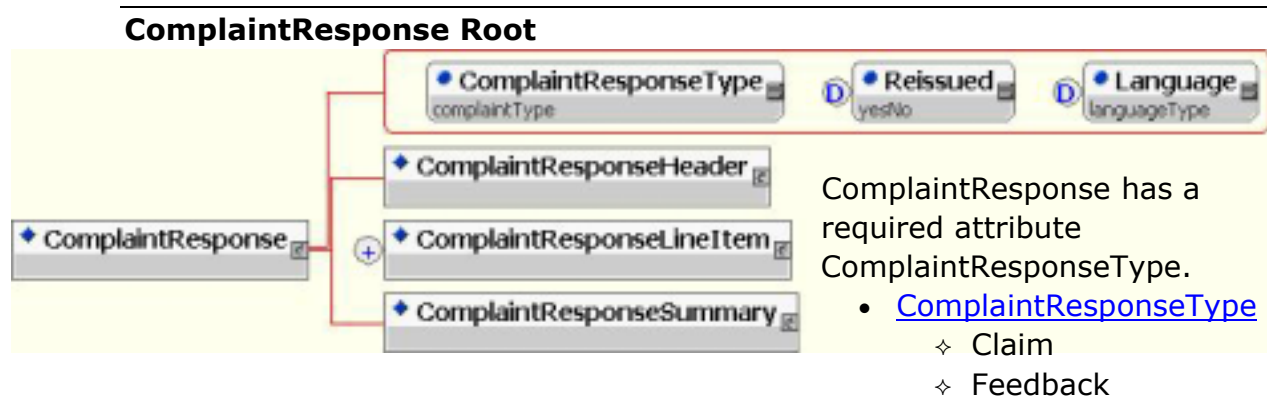


ComplaintReference

A group item detailing relevant

references pertaining to the Complaint. ComplaintReference contains the attribute ComplaintReferenceType.





ComplaintResponse has an optional attribute that indicates whether the document is an original or a copy. The default is No – the document is not a copy, it is an original.

- [Reissued](#)
 - ✧ Yes
 - ✧ No

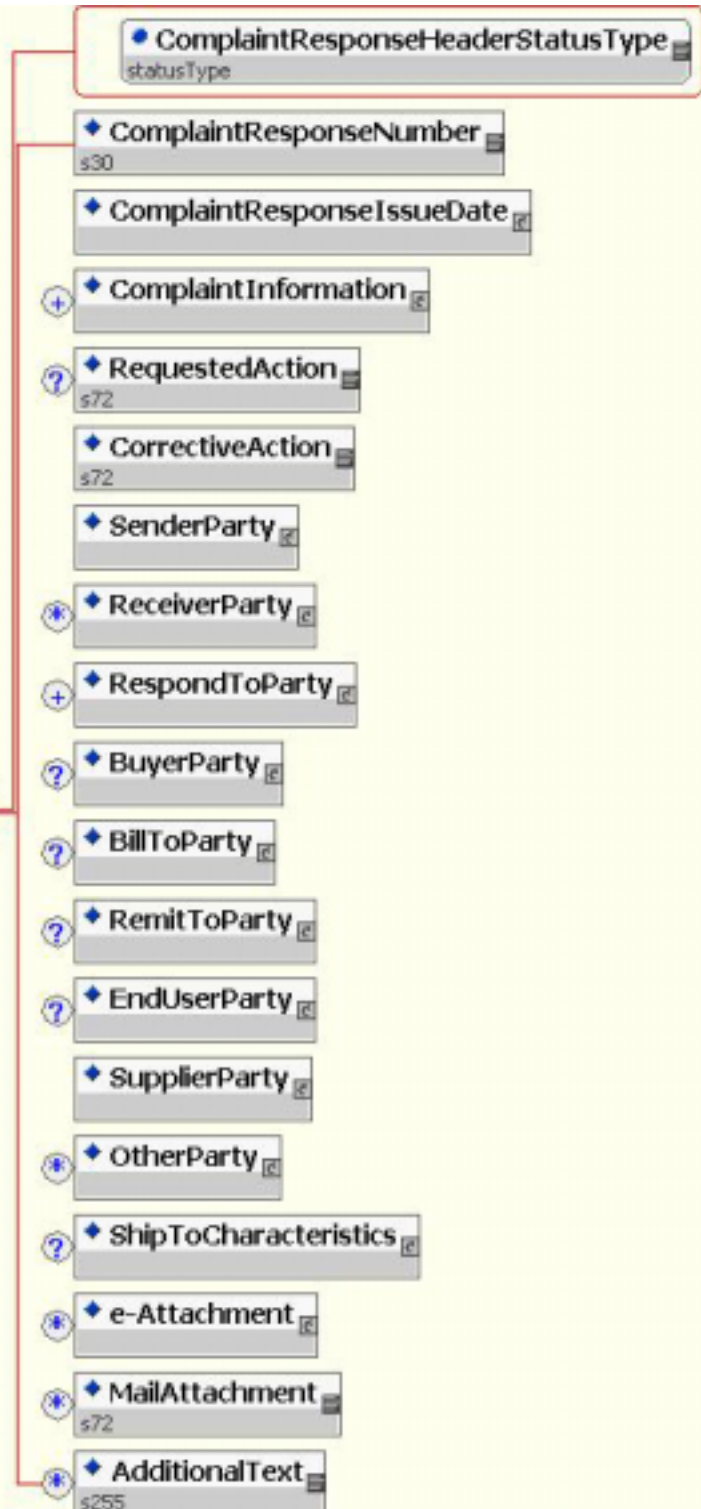
ComplaintResponse has an optional attribute to communicate the Language

- [Language](#), optional defaults to “eng” (English)
 - ✧ Indicates the language for the content of the message.

Elements

- [ComplaintResponseHeader](#)
- [ComplaintResponseLineItem](#)
- [ComplaintResponseSummary](#)
- ComplaintResponseSummary

- [RespondToParty](#)
- [BuyerParty](#)
- [BillToParty](#)
- [RemitToParty](#)
- [EndUserParty](#)
- [SupplierParty](#)
- [OtherParty](#)
- [ShipToCharacteristics](#)
- [e-Attachment](#)
- [MailAttachment](#)
- [AdditionalText](#)



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ComplaintResponseIssueDate

ComplaintResponseIssueDate

ComplaintResponseIssueDate

The date on which the ComplaintResponse was issued within the sender's system. Contains the Date and Time elements.



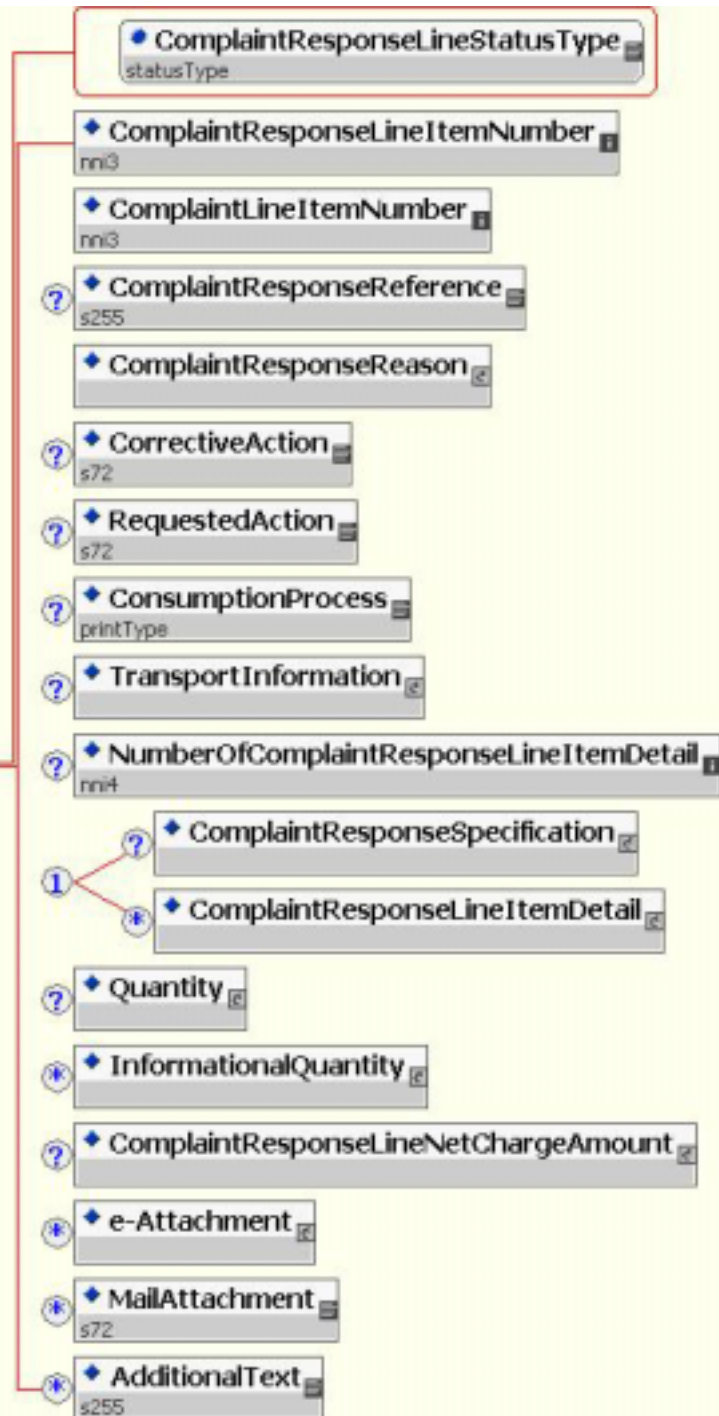
ComplaintResponseLineItem

Multiple ComplaintResponse-LineItem instances are allowed; at least one is required.

- [ComplaintResponse-LineStatusType](#)
 - ✧ Accepted
 - ✧ PartiallyAccepted
 - ✧ Rejected
- [ComplaintResponse-LineItemNumber](#)
- [Complaint-LineItemNumber](#)
- [ComplaintResponse-Reference](#)
- [ComplaintResponse-Reason](#)

ComplaintResponseLineItem

- [CorrectiveAction](#)
- [RequestedAction](#)
- [ConsumptionProcess](#)
- [TransportInformation](#)
- [NumberOf-ComplaintResponse-LineItemDetail](#)
- [ComplaintResponse-Specification](#)
- [ComplaintResponse-LineItemDetail](#)
- [Quantity](#)
- [InformationalQuantity](#)
- [ComplaintResponse-LineNetChargeAmount](#)
- [e-Attachment](#)
- [MailAttachment](#)
- [AdditionalText](#)



ComplaintResponseLineItemDetail

A group item containing information necessary to identify the type of article being complained.

ComplaintResponse-LineItemDetail contains the following attribute:

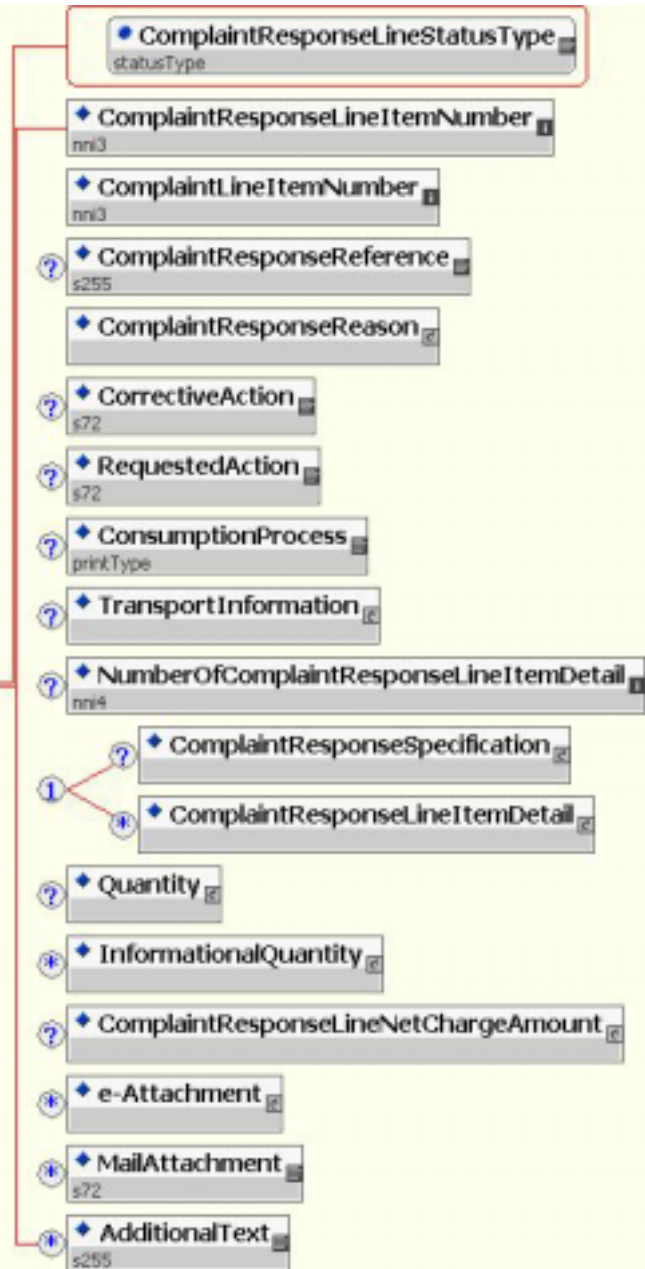
- ComplaintResponse-LineStatusType

ComplaintResponse-LineItemDetail contains the following elements:

- ComplaintResponse-LineItemNumber
- ComplaintLineItemNumber

ComplaintResponseLineItem

- ComplaintResponse-Reference
- ComplaintResponseReason
- CorrectiveAction
- RequestedAction
- ConsumptionProcess
- TransportInformation
- NumberOfComplaint-ResponseLineItemDetail
- ComplaintResponse-Specification
or
ComplaintResponse-LineItemDetail
- Quantity
- InformationalQuantity
- ComplaintResponseLineNetChargeAmount
- e-Attachment
- MailAttachment
- AdditionalText



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ComplaintResponseLineItemDetailN

ComplaintResponseReasonCode

ComplaintResponseLineItemDetailNumber

The sequential number of an item assigned by the party making the ComplaintResponse within ComplaintResponseLineItemDetail



ComplaintResponseLineItemNumber

The number used to identify the ComplaintResponse line item



ComplaintResponseLineNetChargeAmount

The net ComplaintResponse amount per line (excludes adjustments and tax). Encapsulates the CurrencyValue element.



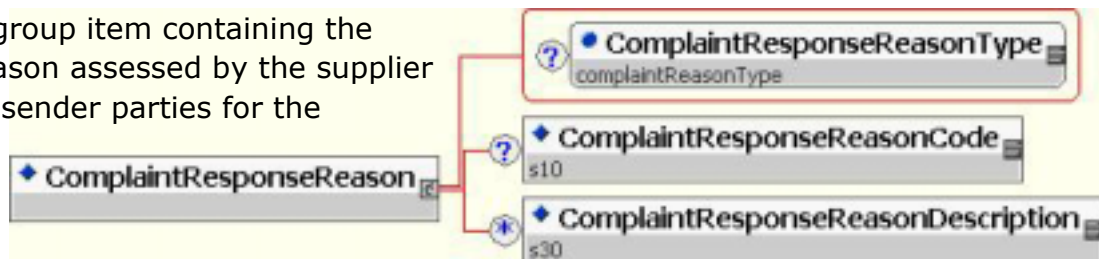
ComplaintResponseNumber

A unique identification number of the ComplaintResponse, generated by the issuer of the complaint response.



ComplaintResponseReason

A group item containing the reason assessed by the supplier or sender parties for the



ComplaintResponse

ComplaintResponseReason contains the following attribute:

- ComplaintResponseReasonType

ComplaintResponseReason contains the following elements:

- ComplaintResponseReasonCode
- ComplaintResponseReasonDescription

ComplaintResponseReasonCode

The reason for the complaint in code



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ComplaintResponseReasonDescription

ComplaintResponseSpecification

form. Agency provides the context.

ComplaintResponseReasonDescription

A text field element describing the reason for the ComplaintResponse



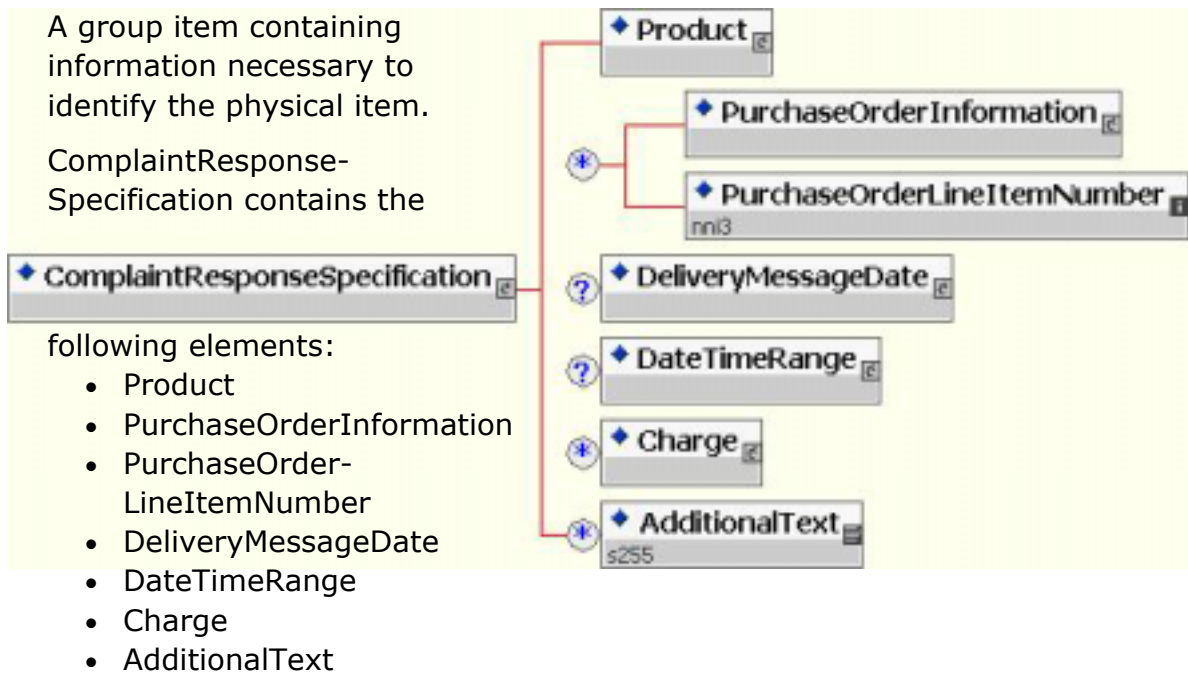
ComplaintResponseReference



ComplaintResponseSpecification

A group item containing information necessary to identify the physical item.

ComplaintResponse-Specification contains the



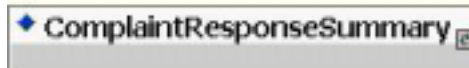
following elements:

- Product
- PurchaseOrderInformation
- PurchaseOrder-LineItemNumber
- DeliveryMessageDate
- DateTimeRange
- Charge
- AdditionalText

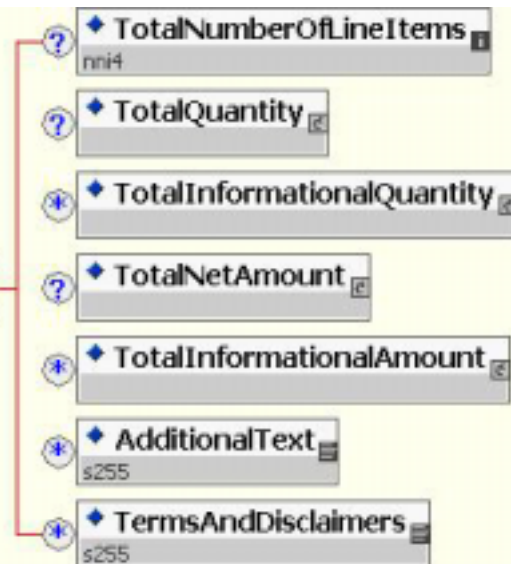
ComplaintResponseSummary

ComplaintResponseSummary contains the following elements.

- [TotalNumberOfLineItems](#)
- [TotalQuantity](#)
- [TotalInformationalQuantity](#)
- [TotalNetAmount](#)



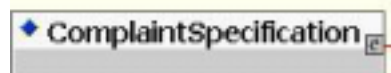
- [TotalInformationalAmount](#)
- [AdditionalText](#)
- [TermsAndDisclaimers](#)



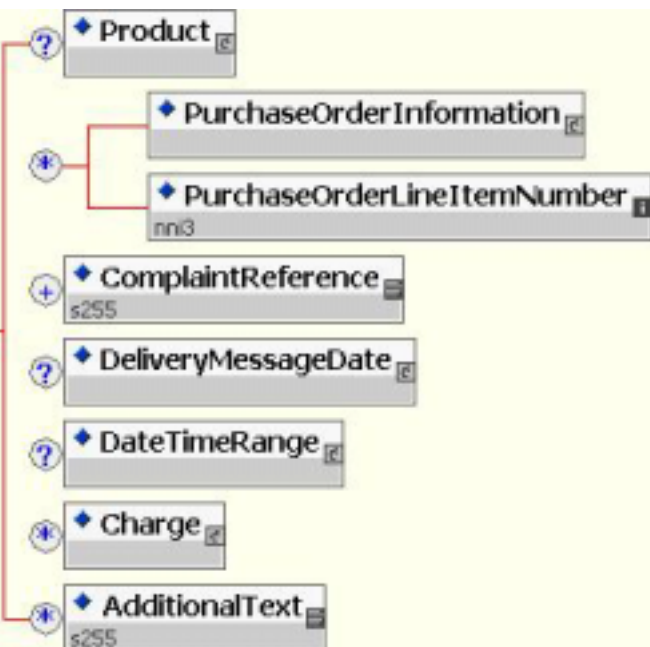
ComplaintSpecification

A group item containing information necessary to identify the physical item

ComplaintSpecification contains the following elements:



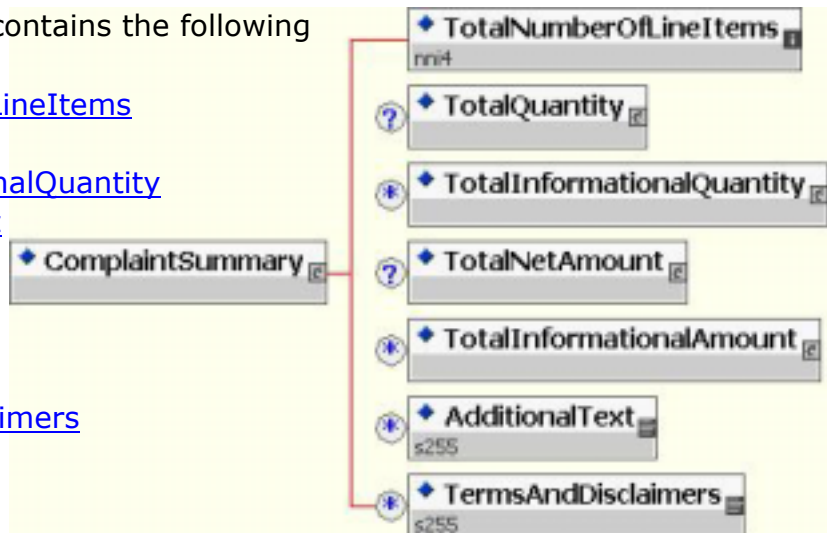
- Product
- PurchaseOrderInformation
- PurchaseOrder-LineItemNumber
- ComplaintReference.
- DeliveryMessageDate
- DateTimeRange
- Charge
- AdditionalText



ComplaintSummary

ComplaintSummary contains the following elements.

- [TotalNumberOfLineItems](#)
- [TotalQuantity](#)
- [TotalInformationalQuantity](#)
- [TotalNetAmount](#)
- [Total-
Informational-
Amount](#)
- [AdditionalText](#)
- [TermsAndDisclaimers](#)



ComponentDueDate

Date supplied component is expected to arrive

ComponentDueDate contains the following elements:

- Date
- Time

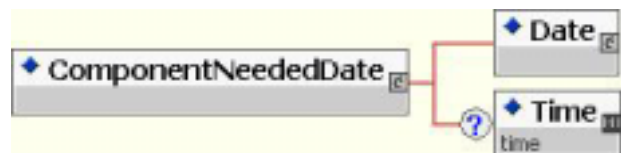


ComponentNeededDate

Date the supplied component is needed by the vendor in order to make the due date of the ordered product.

ComponentNeededDate contains the following elements:

- Date
- Time



ComponentShipDate

Date supplied component is expected to ship

ComponentShipDate contains the following elements:

- Date
- Time



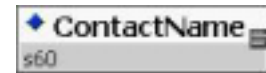
ConsumptionProcess

Describes during which process the problem occurred.



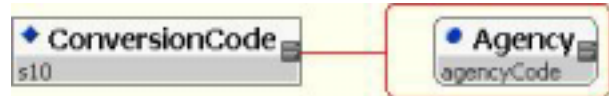
ContactName

The name of the individual associated with the ContactType.



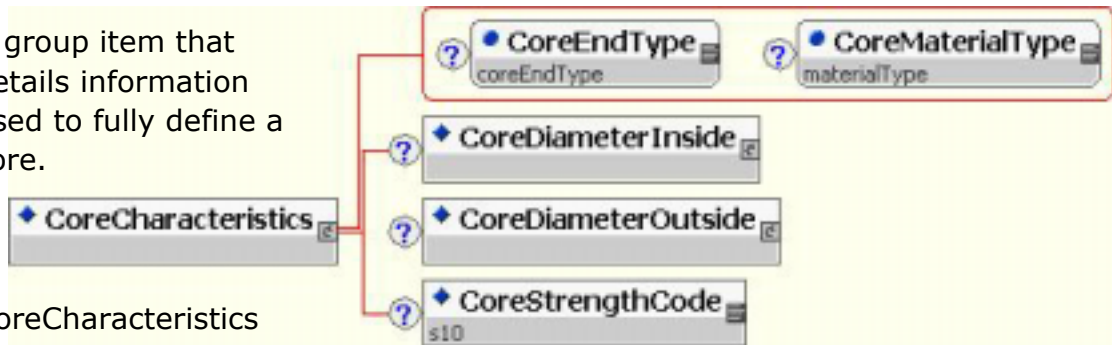
ConversionCode

A code, as assigned by an [Agency](#), used to identify a group of conversion characteristics.



CoreCharacteristics

A group item that details information used to fully define a core.



CoreCharacteristics contains the following attributes:

- [CoreEndType](#)
- [CoreMaterialType](#)

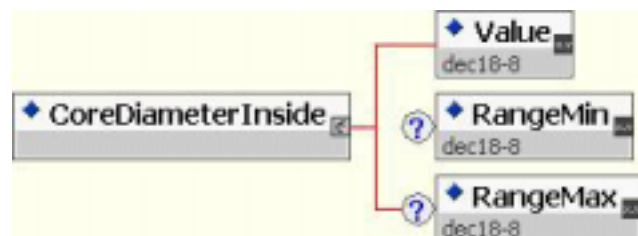
CoreCharacteristics contains the following elements:

- [CoreDiameterInside](#)
- [CoreDiameterOutside](#)
- [CoreStrength](#)

CoreDiameterInside

The diameter of the core's inner circle.

See [Measurement](#) for a discussion of the structure.



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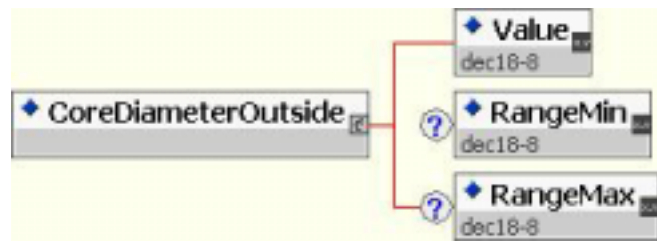
CoreDiameterOutside

CountryOfOrigin

CoreDiameterOutside

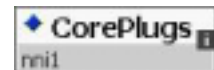
The diameter of the core's outer circle.

See [Measurement](#) for a discussion of the structure.



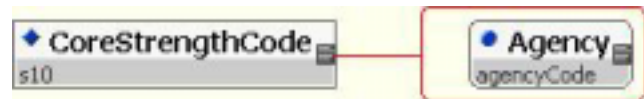
CorePlugs

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.



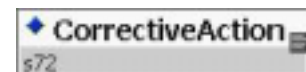
CoreStrengthCode

CoreStrengthCode is a composite of critical speed, flexural and crush strength of a fibre core, as defined by the indicated [Agency](#).



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.)

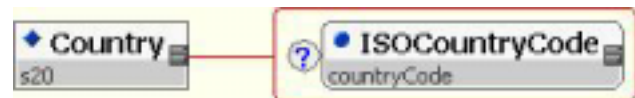


Country

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.

Country contains the optional attribute

- [ISOCountryCode](#)



CountryOfOrigin

The country of consumption for the material on the invoice

CountryOfConsumption encapsulates the [Country](#) element.



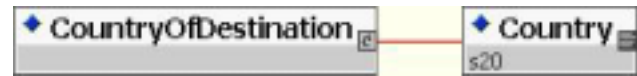
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CountryOfDestination

County

CountryOfDestination

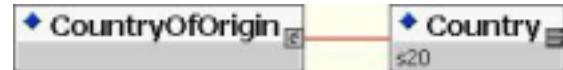
The country goods will be shipped to.



CountryOfDestination encapsulates the [Country](#) element.

CountryOfOrigin

The country of origin for the material on the invoice



CountryOfOrigin encapsulates the [Country](#) element.

County

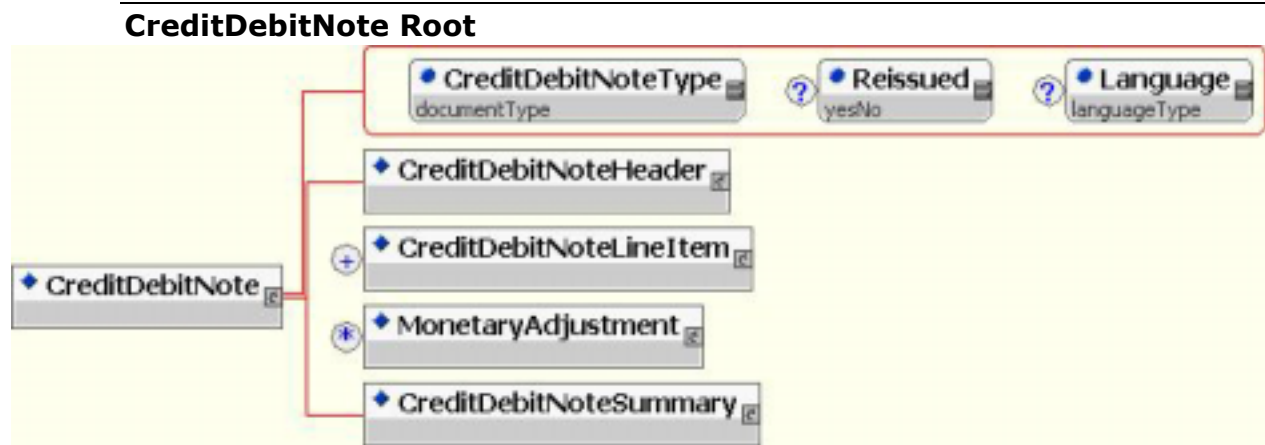
The name of the county that the address is in.



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CreditDebitNote Root

CreditDebitNoteAmountSubtotal



CreditDebitNote has a required attribute CreditDebitNoteType.

- [CreditDebitNoteType](#)
 - ✧ Credit
 - ✧ Debit

CreditDebitNote has an optional attribute that indicates whether the document is an original or a copy. The default is No – the document is not a copy, it is an original.

- [Reissued](#)
 - ✧ Yes
 - ✧ No

An attribute to communicate the Language

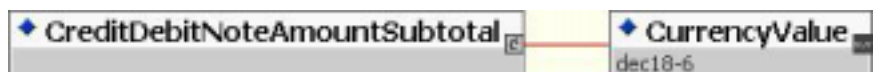
- [Language](#), optional defaults to “eng” (English)
 - ✧ Indicates the language for the content of the message.

Elements:

- [CreditDebitNoteHeader](#)
- [CreditDebitNoteLineItem](#)
- [MonetaryAdjustment](#)
- [CreditDebitNoteSummary](#)

CreditDebitNoteAmountSubtotal

A field that contains the result of the calculation Quantity at the CreditDebitNoteLineItem level times the PricePerUnit.



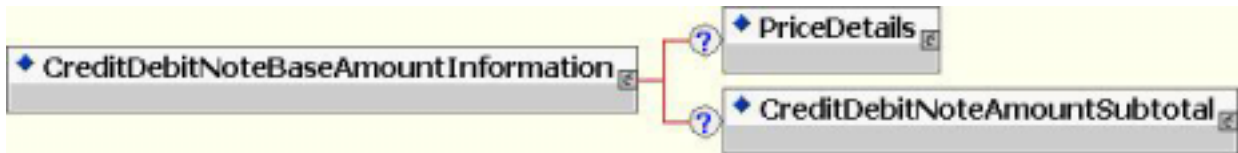
CreditDebitNoteAmountSubtotal encapsulates [CurrencyValue](#).

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CreditDebitNoteBaseAmountInforma

CreditDebitNoteDate

CreditDebitNoteBaseAmountInformation



A group item containing the price per unit and the CreditDebitNote amount subtotal.

CreditDebitNoteBaseAmountInformation contains the following elements:

- [PriceDetails](#)
- [CreditDebitNoteAmountSubtotal](#)

CreditDebitNoteDate

The [Date](#) and [Time](#) the CreditDebitNote is issued.



CreditDebitNoteHeader

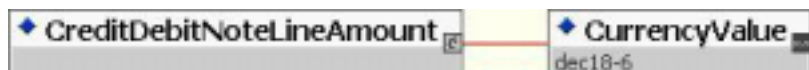
The CreditDebitNoteHeader is required and contains information common to the CreditDebitNote:

- [CreditDebitNoteNumber](#)
- [CreditDebitNoteDate](#)
- [CreditDebitNoteReference](#)
- [CreditDebitNoteReason](#)
- [BillToParty](#)
- [SupplierParty](#)
- [BuyerParty](#)
- [RemitToParty](#)
- [ShipToCharacteristics](#)
- [OtherParty](#)
- [SenderParty](#)
- [ReceiverParty](#)
- [AdditionalText](#)



CreditDebitNoteLineAmount

The total
CreditDebitNote
amount per line (includes adjustments and tax)



CreditDebitNoteLineAmount encapsulates [CurrencyValue](#).line item.

CreditDebitNoteLineItem

Multiple CreditDebitNoteLineItem instances are allowed; at least one is required.

CreditDebitNoteLineItem contains the following elements:

- [CreditDebitNoteLineItemNumber](#)
- [PurchaseOrderInformation](#)
- [PurchaseOrderLineItemNumber](#)
- [ChargeOrAllowance](#)
- [Product](#)

A choice of one of the following elements is required:

- [ChargeOrAllowance](#)
- [Product](#)



Followed by these elements:

- [Quantity](#)
- [InformationalQuantity](#)
- [CreditDebitNoteBaseAmountInformation](#)
- [MonetaryAdjustment](#)
- [CreditDebitNoteLineAmount](#)
- [CreditDebitNoteReference](#)
- [DeliveryDateWindow](#)
- [GeneralLedgerAccount](#)
- [AdditionalText](#)
- [ShipToCharacteristics](#)
- [TransportVehicleCharacteristics](#)
- [MillCharacteristics](#)
- [TransportModeCharacteristics](#)



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CreditDebitNoteLineItemNumber

CreditDebitNoteReference

CreditDebitNoteLineItemNumber

A sequential number that uniquely identifies the CreditDebitNote line item.



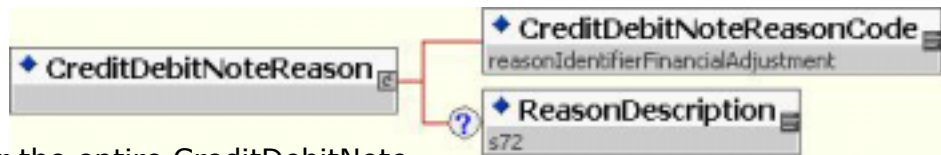
CreditDebitNoteNumber

The unique CreditDebitNote identifier as agreed to by the trading partners.



CreditDebitNoteReason

A group item containing the reason for the entire CreditDebitNote.



CreditDebitNoteReason is required and single instance; it contains the following elements:

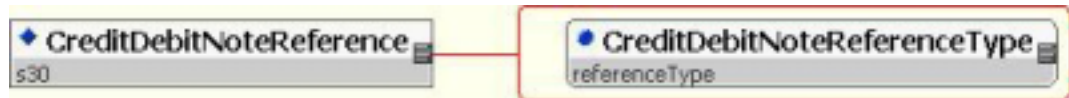
- [CreditDebitReasonCode](#)
- [ReasonDescription](#)

CreditDebitNoteReasonCode

A selection of one of the valid reasons for creating a CreditDebitNote.



CreditDebitNoteReference



An element detailing relevant references pertaining to the CreditDebitNote. CreditDebitNoteReference uses the [CreditDebitNoteReferenceType](#) attribute.

CreditDebitNoteSummary

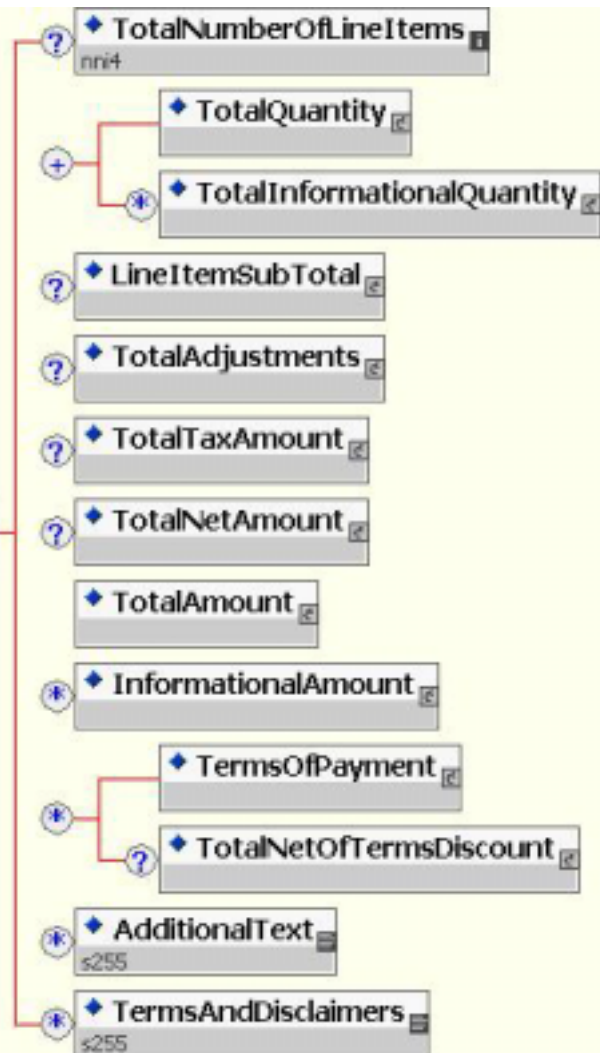
CreditDebitNoteSummary

CreditDebitNoteSummary is required and single instance; it contains the following elements:

- [TotalNumberOfLineItems](#)
- A grouping of [TotalQuantity](#) with [TotalInformationalQuantity](#)
- [LineItemSubTotal](#)
- [TotalAdjustments](#)
- [TotalTaxAmount](#)
- [TotalNetAmount](#)
- [TotalAmount](#)



- [InformationalAmount](#)
- [TermsOfPayment](#)
- [TotalNetOfTermsDiscount](#)
- [AdditionalText](#)
- [TermsAndDisclaimers](#)



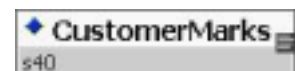
CurrencyValue

The actual price value containing the [CurrencyType](#) attribute.



CustomerMarks

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

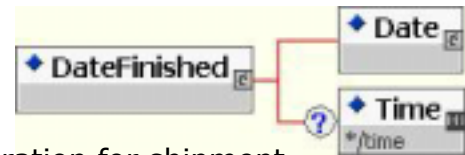


Date

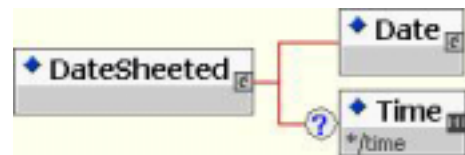
A group element that contains the specification of [Year](#), [Month](#), and [Day](#).

**DateFinished**

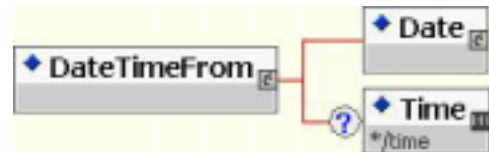
The [Date](#) and optionally the [Time](#) that an item was finished. For example, this could be the wrapping date for a reel or ream or the date the sheet(s) were packaged in preparation for shipment

**DateSheeted**

The [Date](#) and optionally the [Time](#) that the paper was sheeted.

**DateTimeFrom**

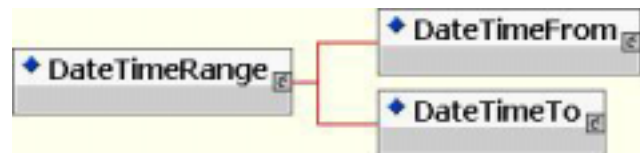
The start or beginning [Date](#) and [Time](#) of a date range.

**DateTimeRange**

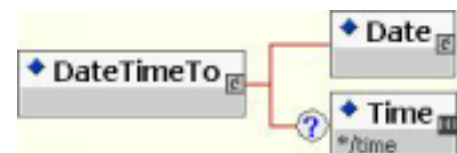
The delivery date and/or time range.

DateTimeRange contains the following elements:

- [DateTimeFrom](#)
- [DateTimeTo](#)

**DateTimeTo**

The ending [Date](#) and [Time](#) of a date/time range.

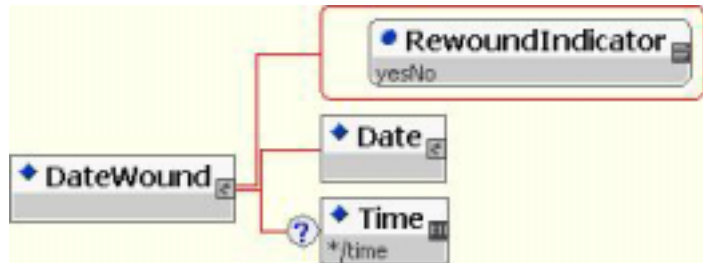


DateWound

DeliveryDateWindow

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.



Day

Identifies the day of the month when communicating a calendar date. Day is an integer between 1 and 31.



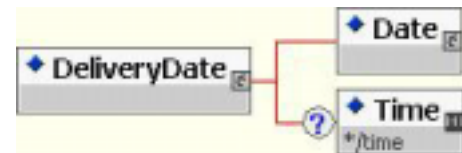
Days

The qualifier of [DeliveryTransitTime](#). More generally used to communicate duration in days.



DeliveryDate

The [Date](#) and optionally the [Time](#) that the seller and buyer agree is the date upon which deliveries will be recognised. Possible choices for this date are either the date despatched or the date received.



DeliveryDateWindow

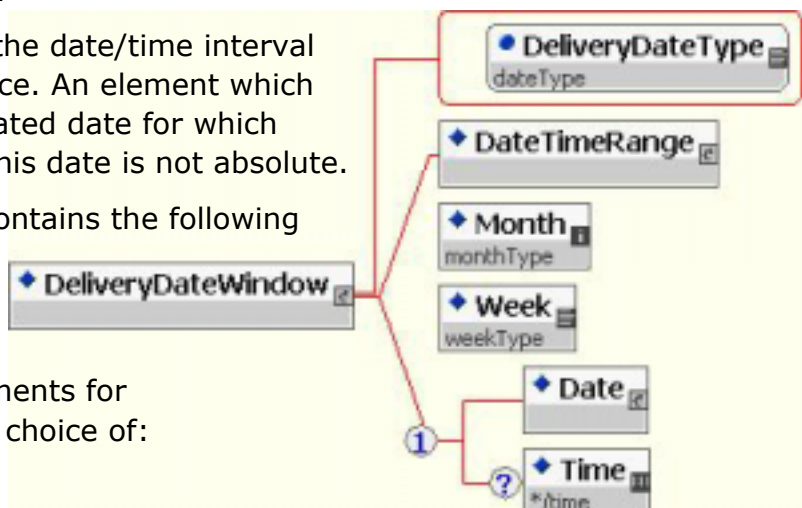
A group item defining the date/time interval for delivery to take place. An element which may contain the estimated date for which delivery is expected. This date is not absolute.

DeliveryDateWindow contains the following attribute:

- [DeliveryDate-Type](#)

When defining the elements for DeliveryDateWindow a choice of:

- [DateTimeRange](#)
- [Month](#)
- [Week](#)
- [Date](#) with an optional [Time](#) is required.

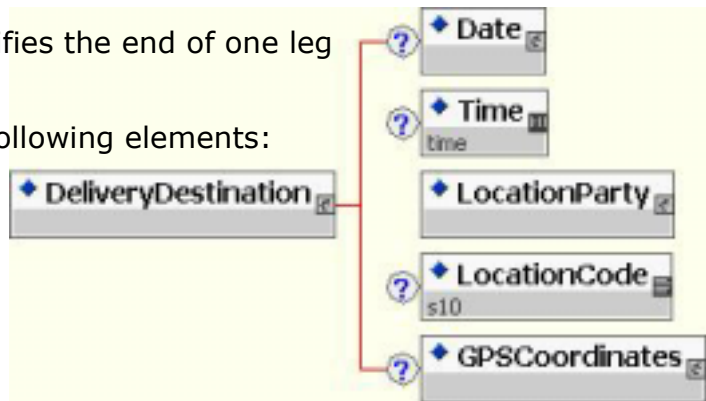


DeliveryDestination

The DeliveryDestination specifies the end of one leg of the delivery.

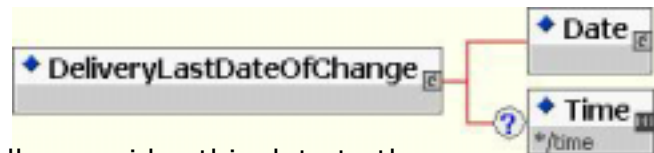
DeliveryDestination has the following elements:

- [Date](#)
- [Time](#)
- [LocationParty](#)
- [LocationCode](#)



DeliveryLastDateOfChange

The final [Date](#) and optionally [Time](#) that a line item or delivery line may be amended or cancelled by the buyer. The seller provides this date to the buyer.



The buyer can cancel each a DeliveryMessageLineItem before the DeliveryLastDateOfChange received from the seller on the OrderConfirmation.

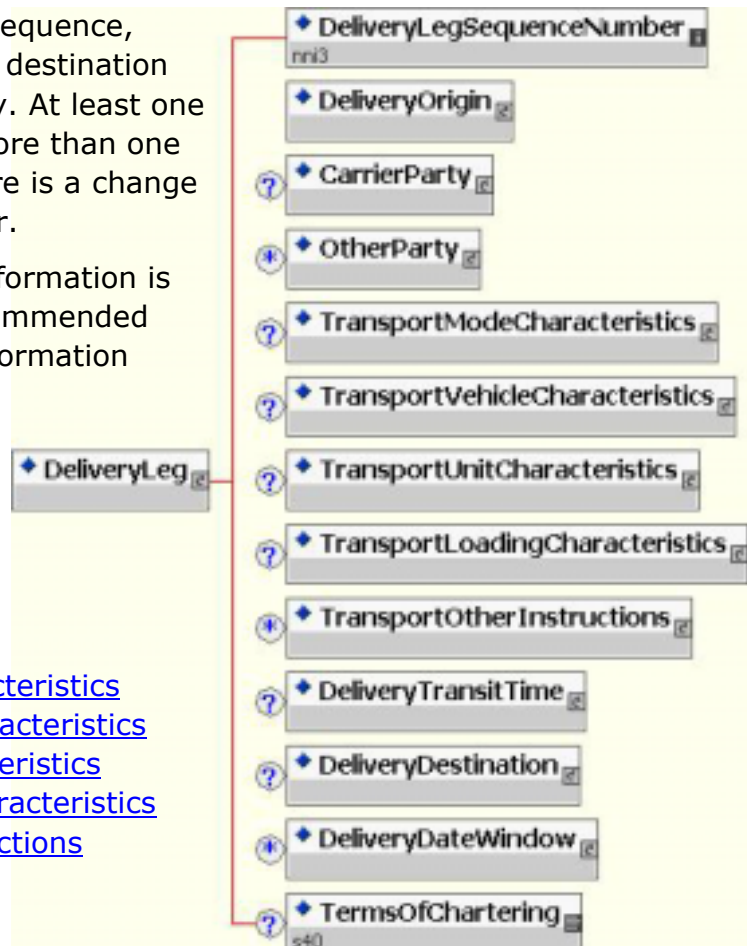
DeliveryLeg

A DeliveryLeg details the sequence, origin, transportation, and destination of each part of the delivery. At least one DeliveryLeg is required. 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.

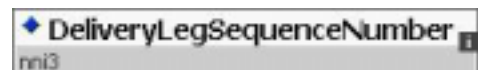
DeliveryLeg contains:

- [DeliveryLeg-SequenceNumber](#)
- [DeliveryOrigin](#)
- [CarrierParty](#)
- [OtherParty](#)
- [TransportModeCharacteristics](#)
- [TransportVehicleCharacteristics](#)
- [TransportUnitCharacteristics](#)
- [TransportLoadingCharacteristics](#)
- [TransportOtherInstructions](#)
- [DeliveryTransitTime](#)
- [DeliveryDestination](#)
- [DeliveryDateWindow](#)
- [TermsOfChartering](#)



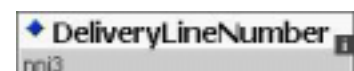
DeliveryLegSequenceNumber

The sequential number of the delivery leg assigned by the seller. Applicable to multiple delivery segments.



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.

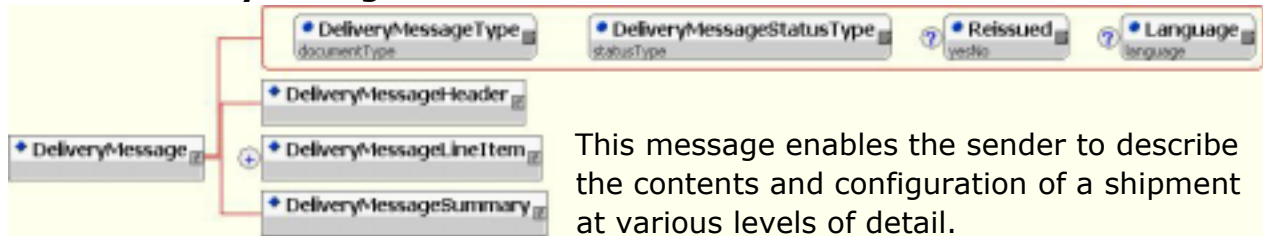


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DeliveryMessage Root

DeliveryMessage Root

DeliveryMessage Root



The DeliveryMessage contains the following attributes:

- [DeliveryMessageType](#)
- [DeliveryMessageStatusType](#)
- [Reissued](#)
- [Language](#)

The DeliveryMessage contains the following elements:

- [DeliveryMessageHeader](#)
- [DeliveryMessageLineItem](#)
- [DeliveryMessageSummary](#)

DeliveryMessageBook Root



The

DeliveryMessageBook contains:

- DeliveryMessageBookHeader
- DeliveryMessageBookShipment
- DeliveryMessageBookSummary

Two attributes determine the type and the status of the DeliveryMessageBook:

- DeliveryMessageType
 - ✧ InitialShipmentAdvice
 - ✧ DeliveryMessage
- DeliveryMessageStatusType
 - ✧ Original
 - ✧ Replaced
 - ✧ Cancelled

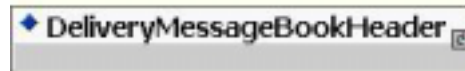
DeliveryMessage has a required attribute that indicates whether the document is an original or a copy. When this attribute is omitted the document is not a copy – it is an original.

- Reissued
 - ✧ Yes
 - ✧ No

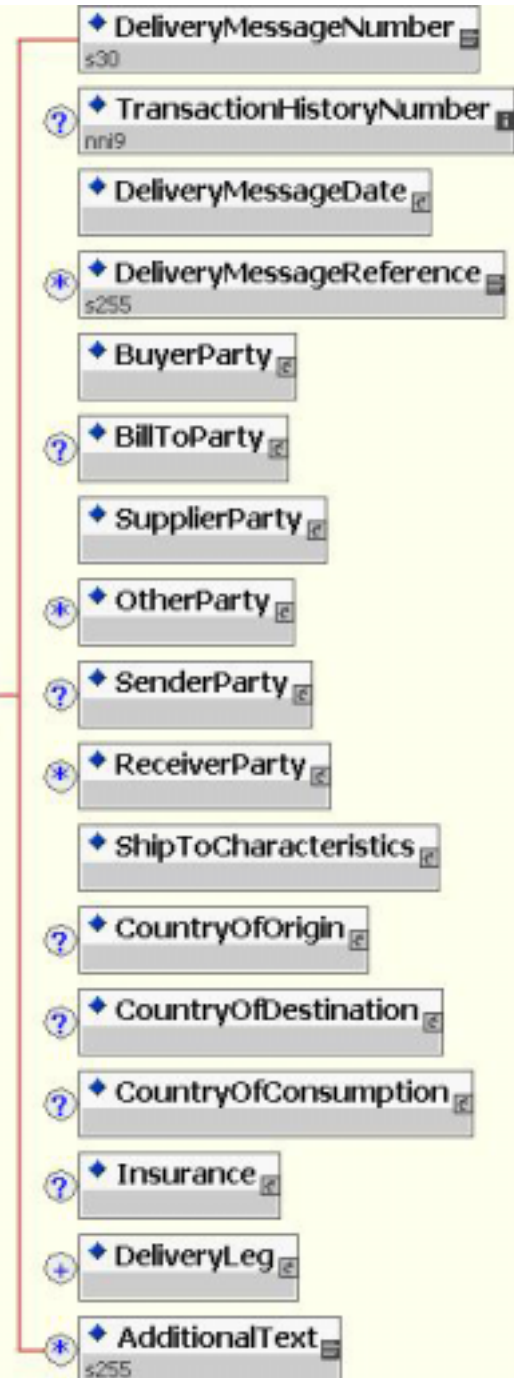
DeliveryMessageBookHeader

The DeliveryMessageBookHeader is required and contains information common to the entire delivery:

- DeliveryMessageNumber
- TransactionHistoryNumber
- DeliveryMessageDate
- DeliveryMessageReference
 - ✧ The attribute ReferenceType is required.
- BuyerParty
- BillToParty
- SupplierParty
- OtherParty
- SenderParty
- ReceiverParty
- ShipToCharacteristics

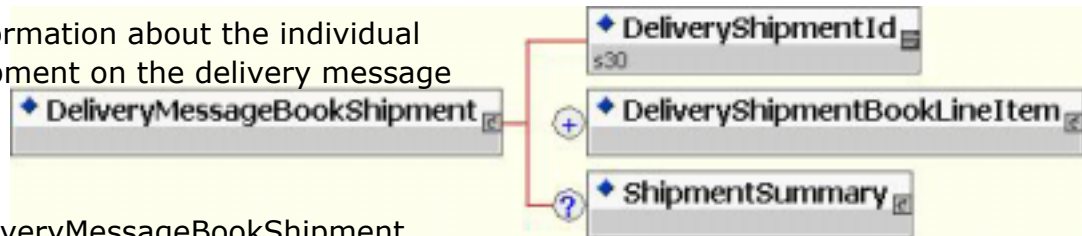


- CountryOfOrigin
- CountryOfDestination
- CountryOfConsumption
- Insurance
- DeliveryLeg
- AdditionalText



DeliveryMessageBookShipment

Information about the individual shipment on the delivery message



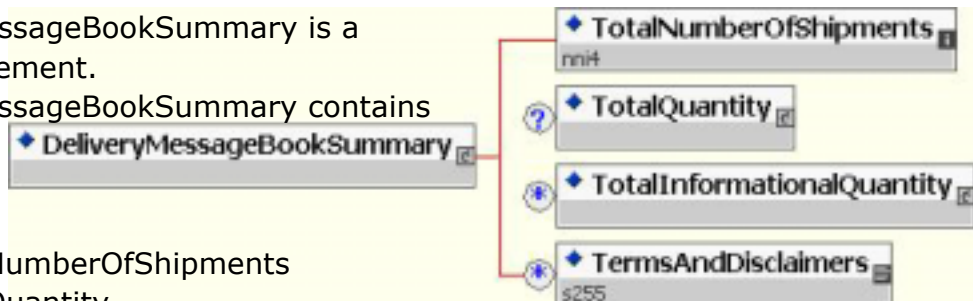
DeliveryMessageBookShipment contains the following elements:

- DeliveryShipmentId
- DeliveryShipmentBookLineItem
- ShipmentSummary

DeliveryMessageBookSummary

DeliveryMessageBookSummary is a required element.

DeliveryMessageBookSummary contains the following elements:



- TotalNumberOfShipments
- TotalQuantity
- TotalInformationalQuantity
- [TermsAndDisclaimers](#) that includes any legal qualifications on his delivery

DeliveryMessageDate

The [Date](#) and [Time](#) of the DeliveryMessage.



DeliveryMessageHeader

The DeliveryMessageHeader is required and contains information common to the entire delivery:

- [DeliveryMessageNumber](#)
- [TransactionHistoryNumber](#)
- [DeliveryMessageDate](#)
- [DeliveryMessageReference](#)
- [BuyerParty](#)
- [BillToParty](#)
- [SupplierParty](#)
- [OtherParty](#)

- [SenderParty](#)
- [ReceiverParty](#)
- [ShipToCharacteristics](#)
- [AdditionalText](#)
- [DeliveryLeg](#)



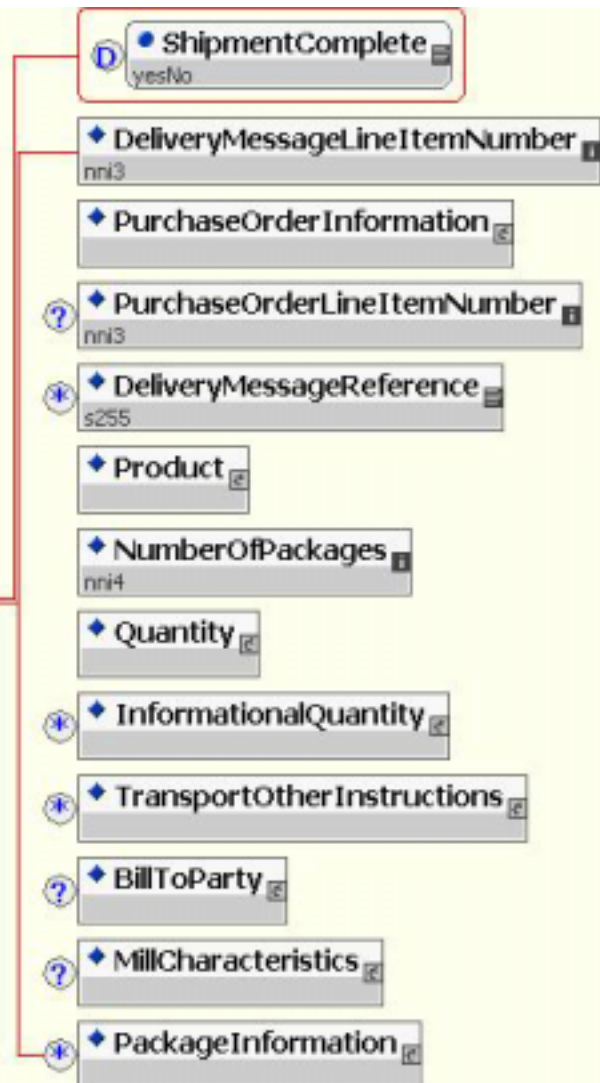
DeliveryMessageLineItem

DeliveryMessageLineItem is required.

DeliveryMessageLineItem contains a ShipmentComplete attribute that defaults to "No", which is used to indicate that all shipments for the particular Purchase Order line item are complete.

The DeliveryMessageLineItem specifies an individual delivery line for one purchase order and purchase order line item. It contains these elements:

- [DeliveryMessage-LineItemNumber](#)
- [PurchaseOrderInformation](#)
- [PurchaseOrder-LineItemNumber](#)
- [DeliveryMessageReference](#)
- [Product](#)
- [NumberOfPackages](#)
- [Quantity](#)
- [InformationalQuantity](#)
- [TransportOtherInstructions](#)
- [BillToParty](#)
- [MillCharacteristics](#)
- [PackageInformation](#)



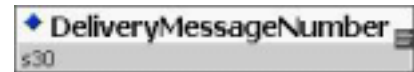
DeliveryMessageLineItemNumber

The sequential number that uniquely identifies the delivery line item.



DeliveryMessageNumber

A unique delivery identifier assigned to each DeliveryMessage message as agreed between the trading partners.

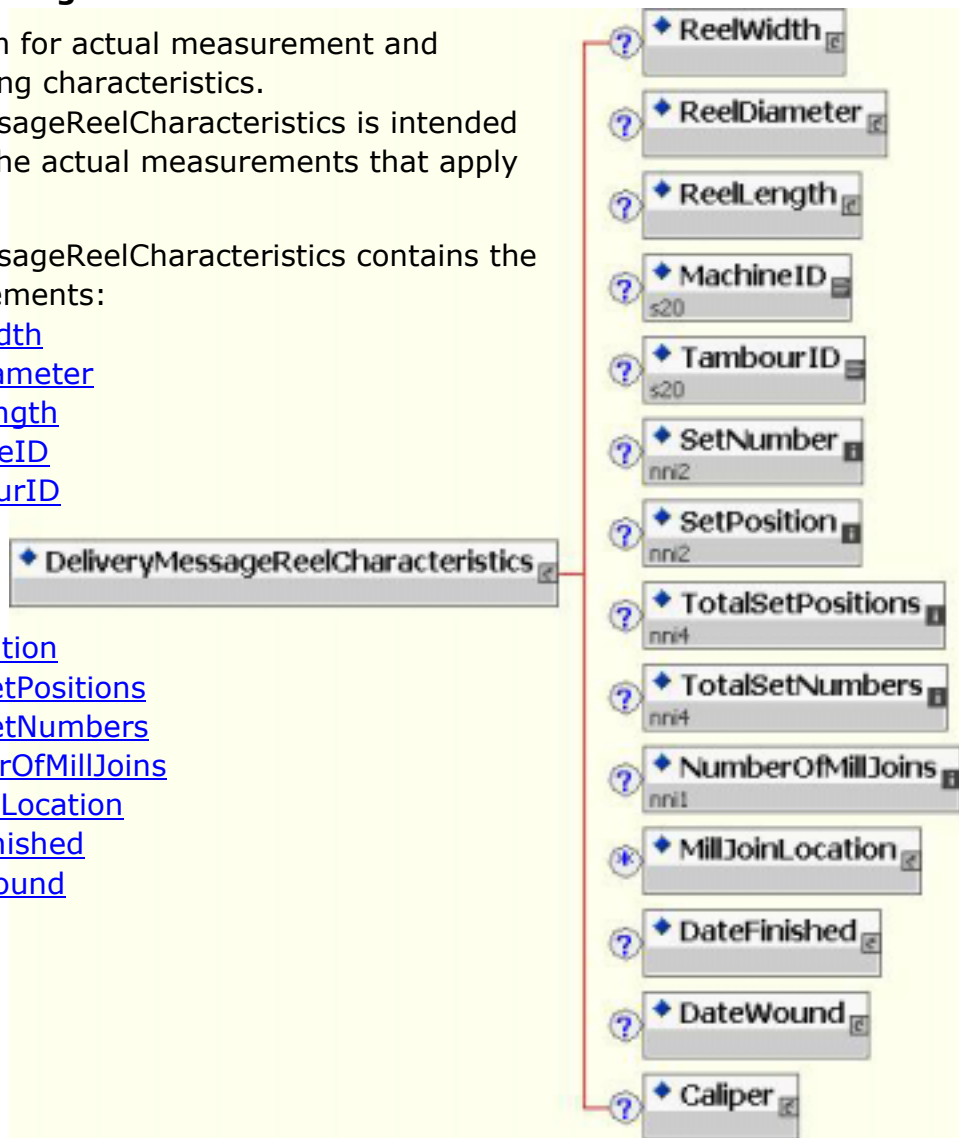


DeliveryMessageReelCharacteristics

A group item for actual measurement and manufacturing characteristics. DeliveryMessageReelCharacteristics is intended to indicate the actual measurements that apply to a reel.

DeliveryMessageReelCharacteristics contains the following elements:

- [ReelWidth](#)
- [ReelDiameter](#)
- [ReelLength](#)
- [MachineID](#)
- [TambourID](#)
- [Set-Number](#)
- [SetPosition](#)
- [TotalSetPositions](#)
- [TotalSetNumbers](#)
- [NumberOfMillJoins](#)
- [MillJoinLocation](#)
- [DateFinished](#)
- [DateWound](#)
- [Caliper](#)

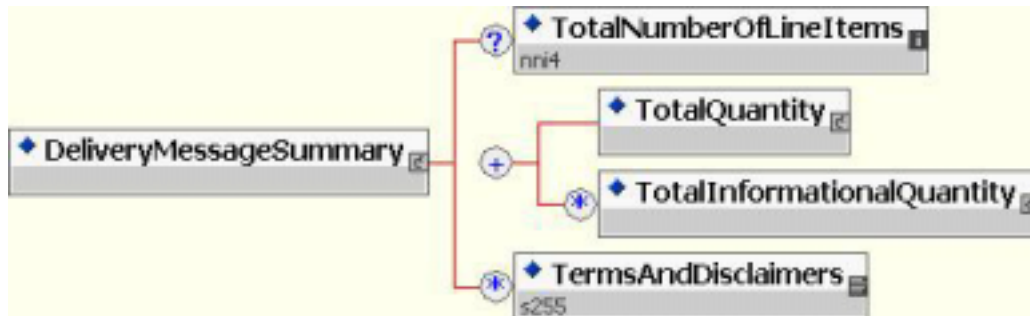


DeliveryMessageReference



A repeating element that identifies the relevant references pertaining to the delivery message, identified by [DeliveryMessageReferenceType](#).

DeliveryMessageSummary



DeliveryMessageSummary contains the following elements:

- [TotalNumberOfLineItems](#)
- [TotalQuantity](#)
- [TotalInformationalQuantity](#)

TermsAndDisclaimers (optional) that includes any legal qualifications on his delivery

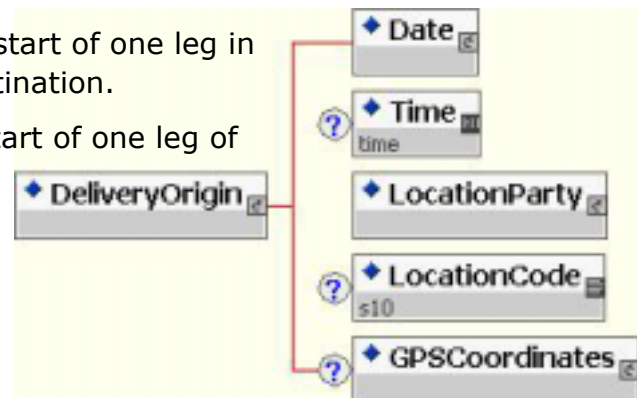
DeliveryOrigin

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.

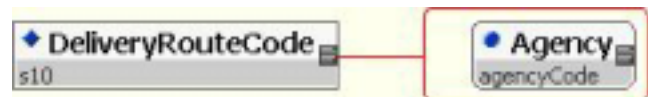
DeliveryOrigin has the following elements:

- [Date](#)
- [Time](#)
- [LocationParty](#)
- [LocationCode](#)
- GPSCoordinates



DeliveryRouteCode

A code representing the delivery route as indicated by the [Agency](#).



DeliverySchedule

A group item defining a series of DeliveryDateWindow(s) in which specified quantities of a PurchaseOrderLineItem must be delivered.

DeliverySchedule contains the following elements:

- [DeliveryLineNumber](#)
- [ProductionStatus](#)
- [DeliveryStatus](#)
- [DeliveryDateWindow](#)
- [Quantity](#)
- [InformationalQuantity](#)
- [PriceDetails](#)
- [MonetaryAdjustment](#)
- [DeliveryScheduleReference](#)
- [AdditionalText](#)



DeliveryScheduleReference



A group item detailing relevant references pertaining to the delivery schedule as indicated by [DeliveryScheduleReferenceType](#).

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DeliveryShipmentBookLineItem

DeliveryShipmentLineItemNumber

DeliveryShipmentBookLineItem

Individual line item within a shipment

DeliveryShipmentBookLineItem contains the following elements:

- DeliveryShipment-LineItemNumber
- PurchaseOrderInformation
- PurchaseOrder-LineItemNumber
- DeliveryMessageReference
- Document-ReferenceInformation
- CountryOfOrigin

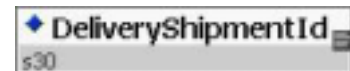
DeliveryShipmentBookLineItem

- CountryOfDestination
- CountryOfConsumption
- Quantity
- InformationalQuantity
- TransportLoading-Characteristics
- TransportOtherInstructions
- BillToParty
- PackageInformation-Book



DeliveryShipmentId

Unique identifier for the shipment



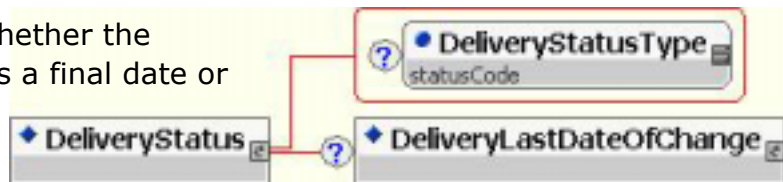
DeliveryShipmentLineItemNumber

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.



DeliveryStatus contains the attribute:

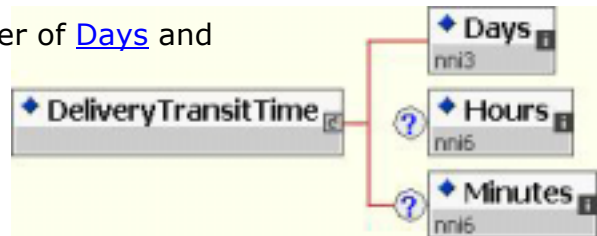
- [DeliveryStatusType](#)

and the element:

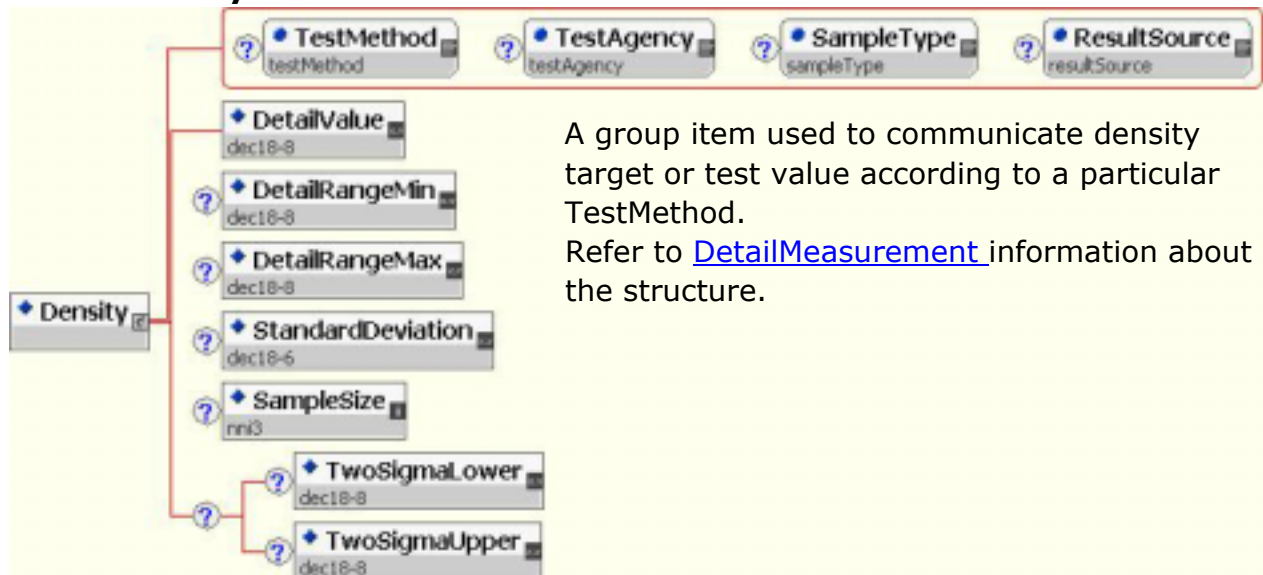
- [DeliveryLastDateOfChange](#)

DeliveryTransitTime

A group item representing the number of [Days](#) and optionally [Hours](#) and [Minutes](#) between origin and destination for a DeliveryLeg.



Density



A group item used to communicate density target or test value according to a particular TestMethod.

Refer to [DetailMeasurement](#) information about the structure.

DetailRangeMax

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



DetailRangeMax has the an extended list of [UOM\(s\)](#).

DetailRangeMin

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



DetailRangeMin has an extended list of [UOM\(s\)](#).

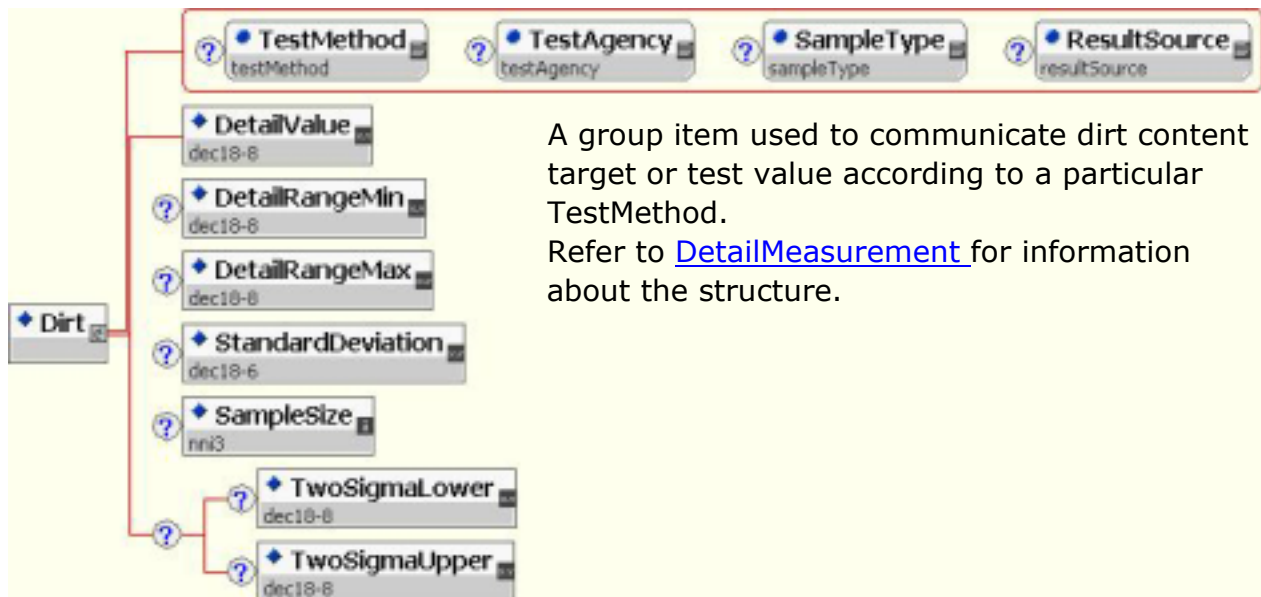
DetailValue

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



DetailValue has an extended list of [UOM\(s\)](#).

Dirt



A group item used to communicate dirt content target or test value according to a particular TestMethod.

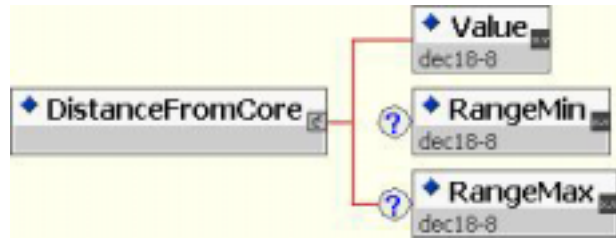
Refer to [DetailMeasurement](#) for information about the structure.

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](#).

DistanceFromCore contains the elements:

- [Value](#)
- [RangeMin](#)
- [RangeMax](#)



DistanceFromEdge

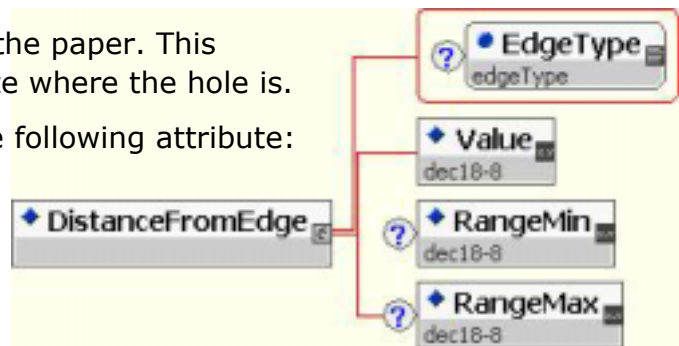
The distance from the edge of the paper. This element is used to communicate where the hole is.

DistanceFromEdge contains the following attribute:

- EdgeType

DistanceFromEdge contains the elements:

- [Value](#)
- [RangeMin](#)
- [RangeMax](#)



Document

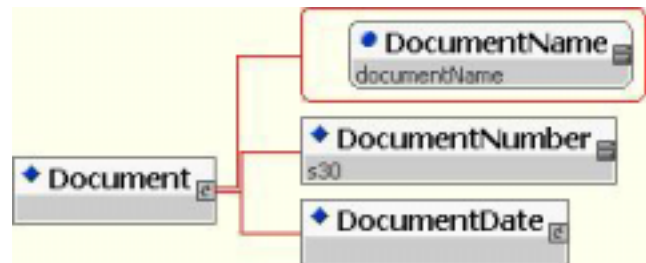
A group item containing information applicable to the original document whose disposition is being acknowledged.

Document contains a attribute, **DocumentName**, which details the original document type

- [DocumentName](#)

Elements:

- [DocumentNumber](#)
 - ✧ The number of the original document
- [DocumentDate](#)
 - ✧ The date and time the original document was sent.



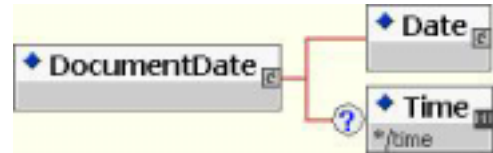
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DocumentDate

DocumentReferenceInformation

DocumentDate

The [Date](#) and optionally [Time](#) on which the document that is to be acknowledged was sent.



DocumentNumber

The unique identifier of the original document that is being acknowledged.



DocumentReferenceID

Identificat
ion for
the
document being referenced

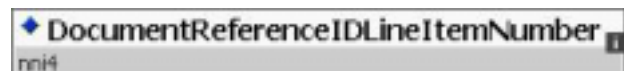


DocumentReferenceID contains the following attribute:

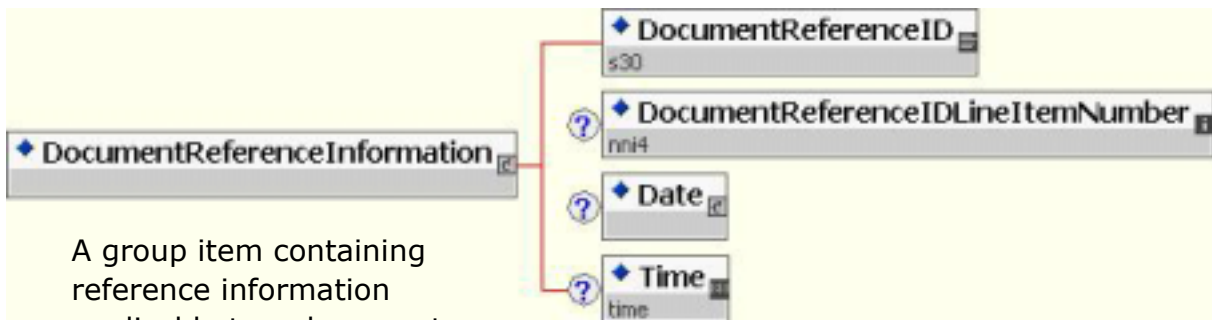
- DocumentReferenceIDType

DocumentReferenceIDLineItemNumber

Line item number for a specific line of the document being referenced



DocumentReferenceInformation



A group item containing reference information applicable to a document.

DocumentReferenceInformation contains the following elements:

- DocumentReferenceID
- DocumentReferenceIDLineItemNumber
- Date
- Time

DominantWaveLength



Downtime

An element used to communicate when equipment is not available for manufacturing purposes.



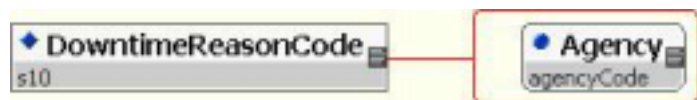
DowntimeDescription

The description of the downtime.



DowntimeReasonCode

A reason code created by the indicated agency for downtime.

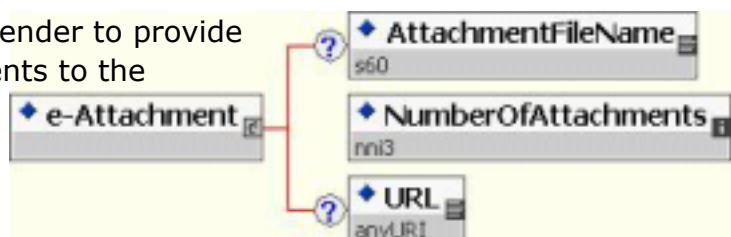


e-Attachment

e-Attachment enables the sender to provide information about attachments to the message.

e-Attachment contains the following elements

- AttachmentFileName
- NumberOfAttachments
- URL



Email

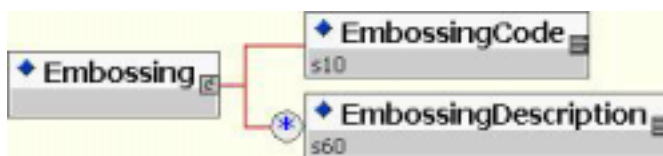
The primary business email address of the individual associated with the [ContactName](#).



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.

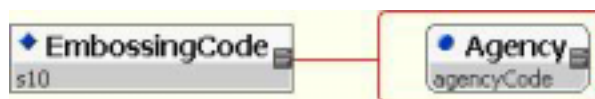


Embossing contains the following elements:

- [EmbossingCode](#)
- [EmbossingDescription](#)

EmbossingCode

A code to identify the type of Embossing.



EmbossingCode contains the [Agency](#) attribute.

EmbossingDescription

A description of the embossing.



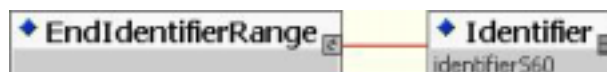
EndCaps

A cover to protect the ends of the reel, usually circle shaped and made from Kraft paper or plywood.



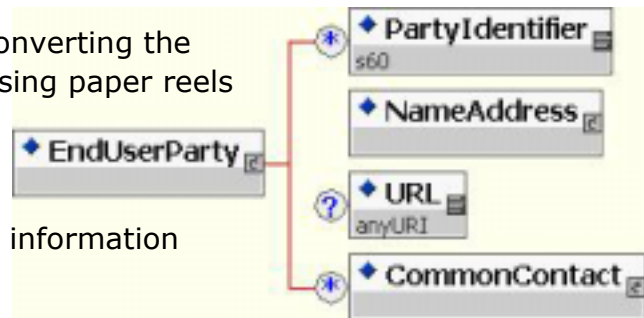
EndIdentifierRange

A group element that identifies the ending item identifier in the range of items that contributed to the aggregated measurements for the range.



EndUserParty

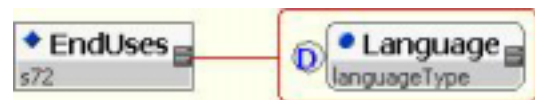
The party using, consuming, or converting the product. For example, a printer using paper reels for a print job for a publisher. The final ShipTo destination for a product is normally to the end user's facilities. Refer to [Party](#) for information about the structure.



EndUses

A text element used to express in human readable form a list of applicable end uses for a product.

EndUses contains the [Language](#) attribute.

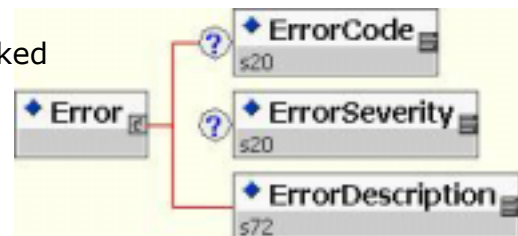


Error

A group item that details the errors that are delaying processing on an original document; present only when the Business Acknowledgement Status is marked "Failure".

Error contains the following elements:

- [ErrorCode](#)
- [ErrorSeverity](#)
- [ErrorDescription](#)



ErrorCode

An optional code used to describe why an original document could not be processed



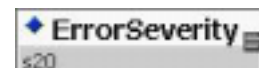
ErrorDescription

A textual description of why an original document could not be processed



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.



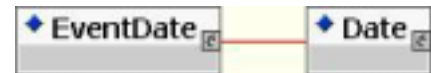
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EventDate

Fax

EventDate

The date the incident or delay on press was recorded.



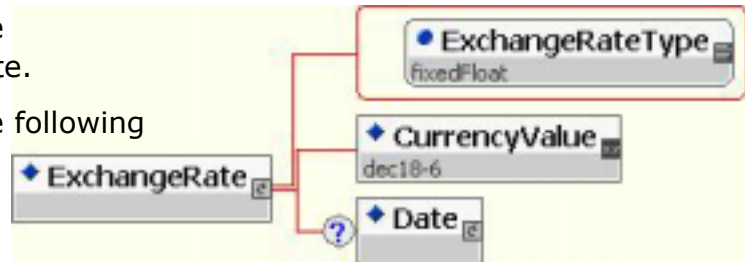
ExchangeRate

The exchange rate as of the date included in the element.

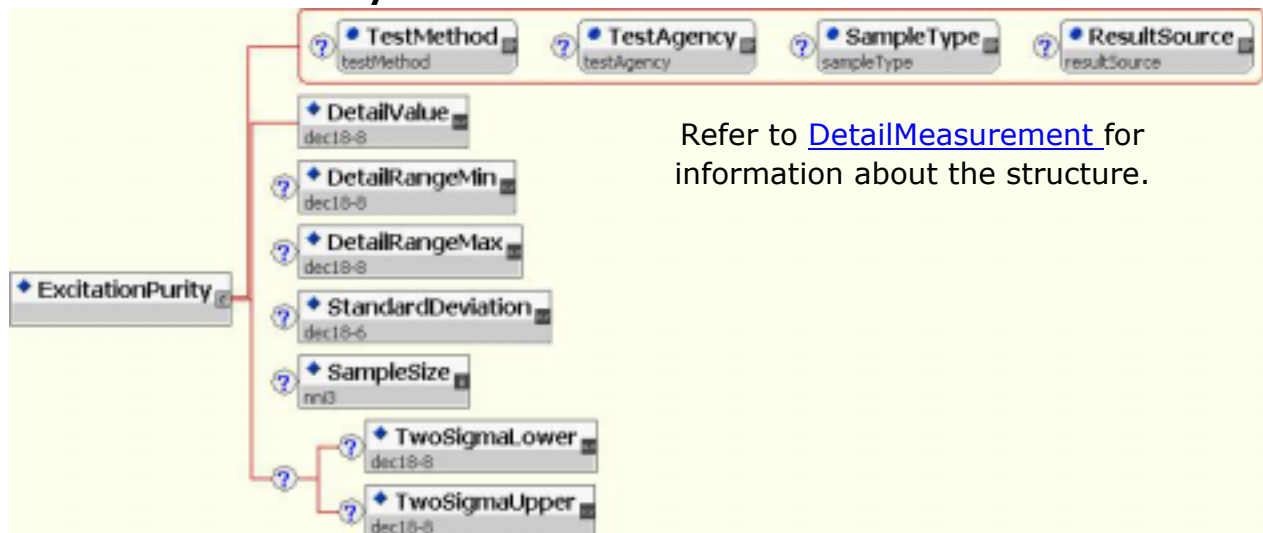
ExchangeRate contains the [ExchangeRateType](#) attribute.

ExchangeRate contains the following elements:

- [CurrencyValue](#)
- [Date](#)

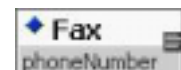


ExcitationPurity

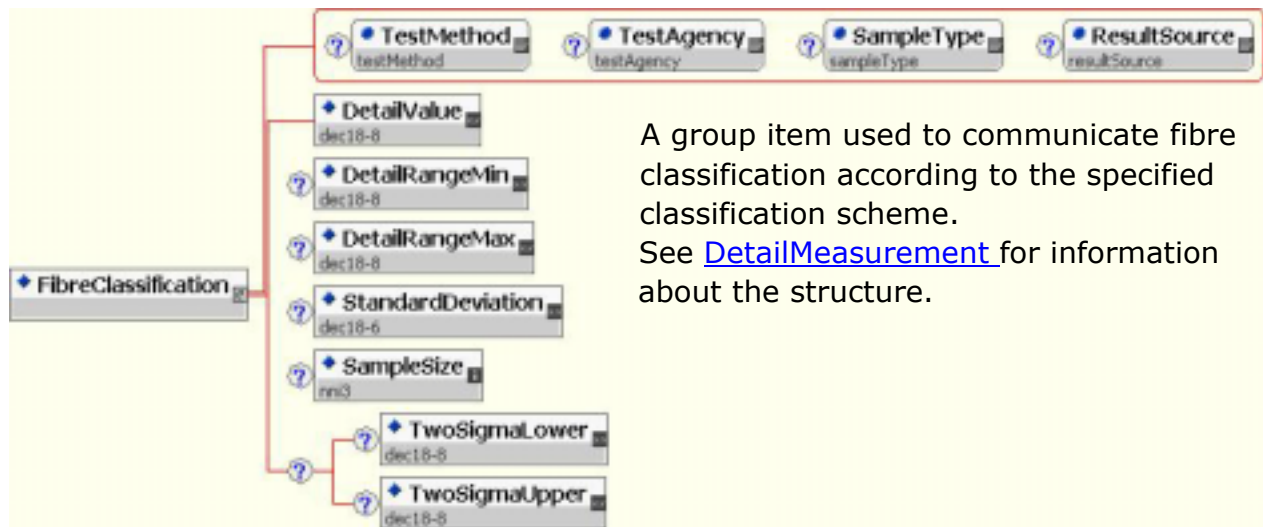


Fax

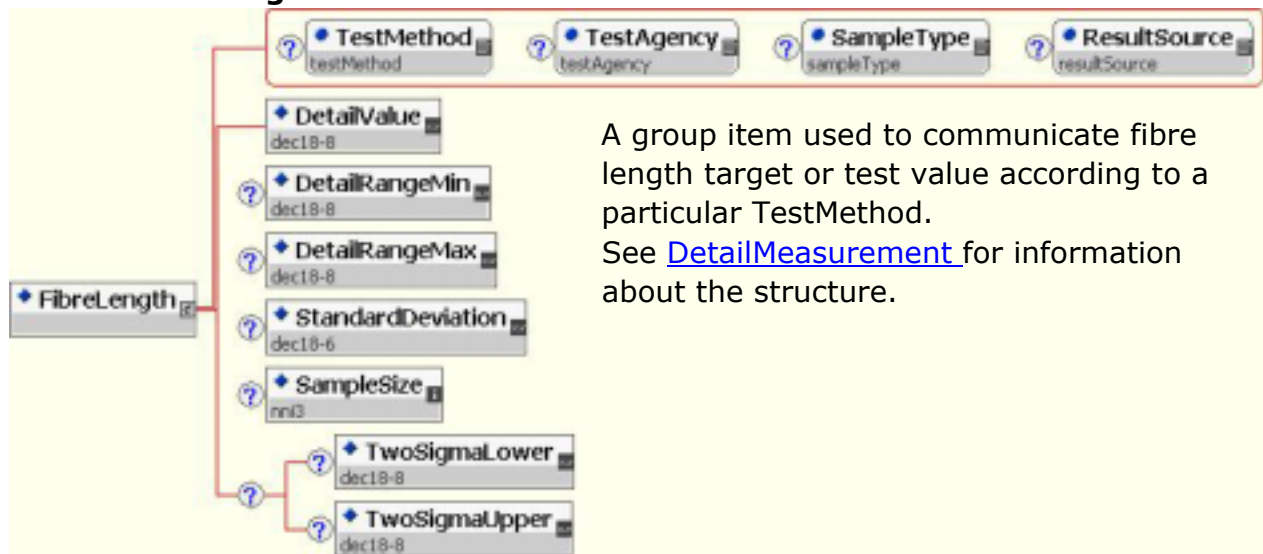
The primary business fax number of the individual associated with the ContactName.



FibreClassification

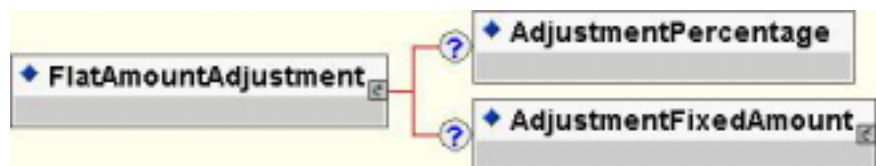


FibreLength



FlatAmountAdjustment

A group item that contains flat adjustment amount information.



FlatAmountAdjustment contains the following elements:

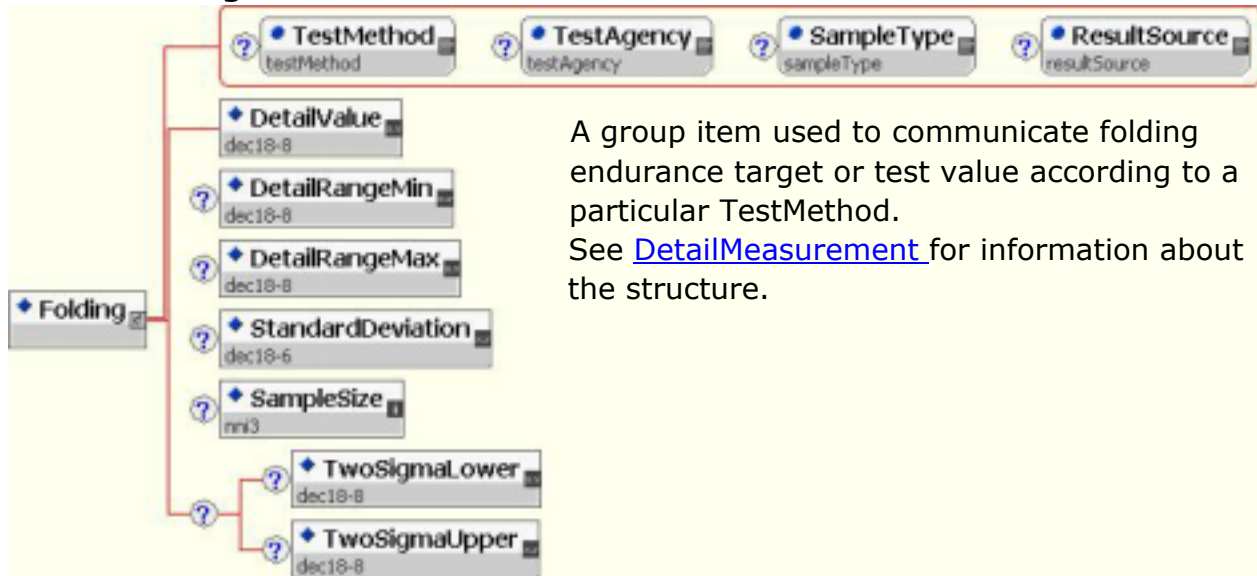
- [AdjustmentPercentage](#)
- [AdjustmentFixedAmount](#)

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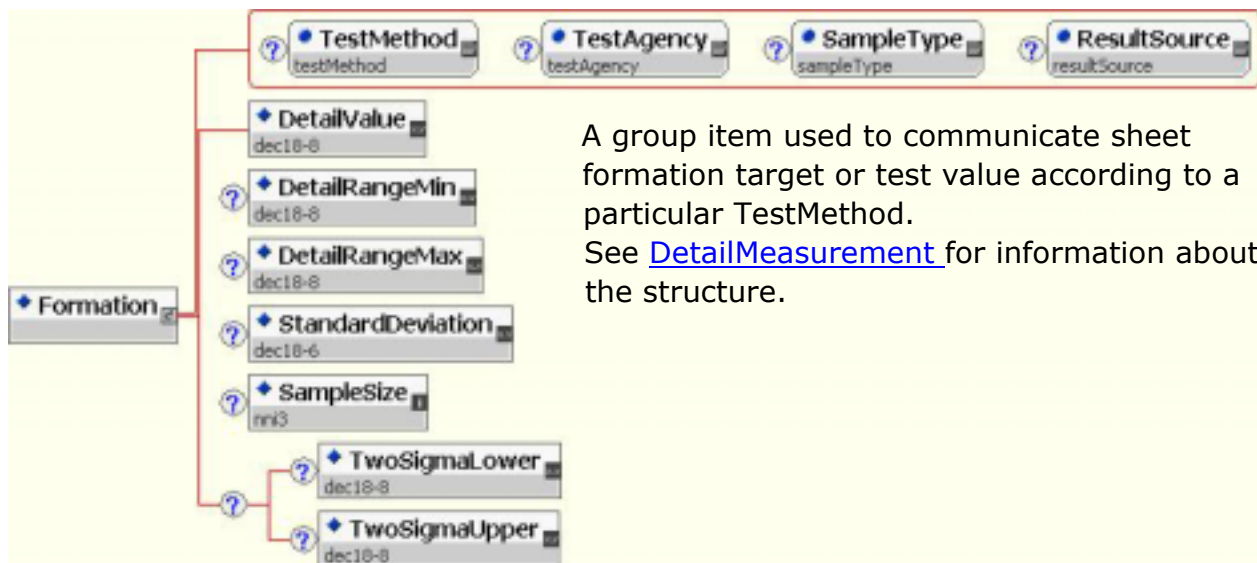
Folding

Formation

Folding



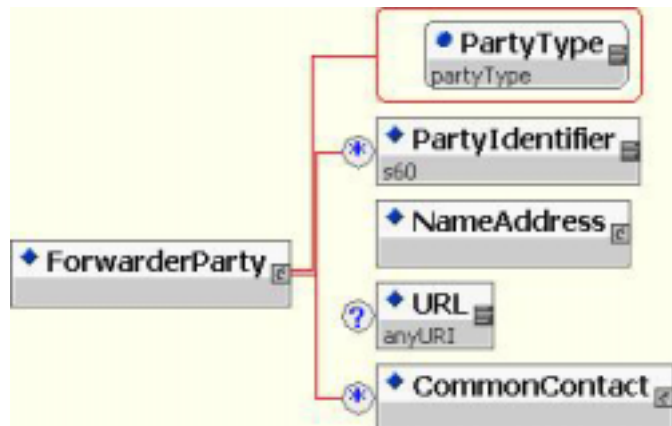
Formation



ForwarderParty

The trading partner involved in the forwarding of the shipment.

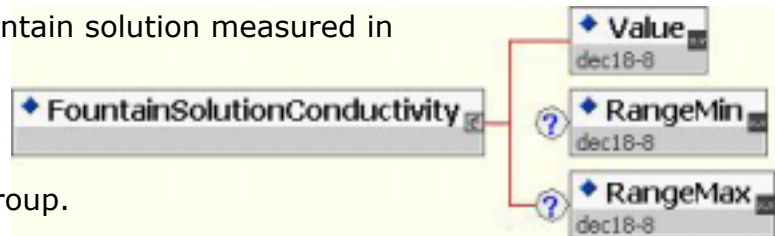
See [Party](#) for information about the structure.



FountainSolutionConductivity

Electrical measure of fountain solution measured in micro - siemens.

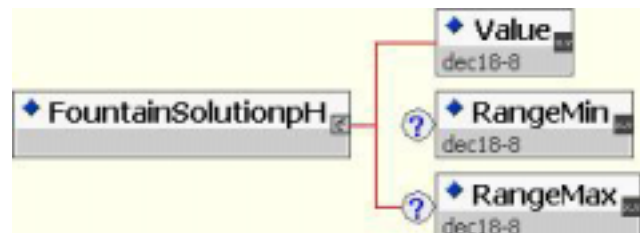
FountainSolutionConductivity uses the Measurement element group.



FountainSolutionpH

Measurement of the acidic properties of the fountain solution.

FountainSolutionpH uses the Measurement element group.

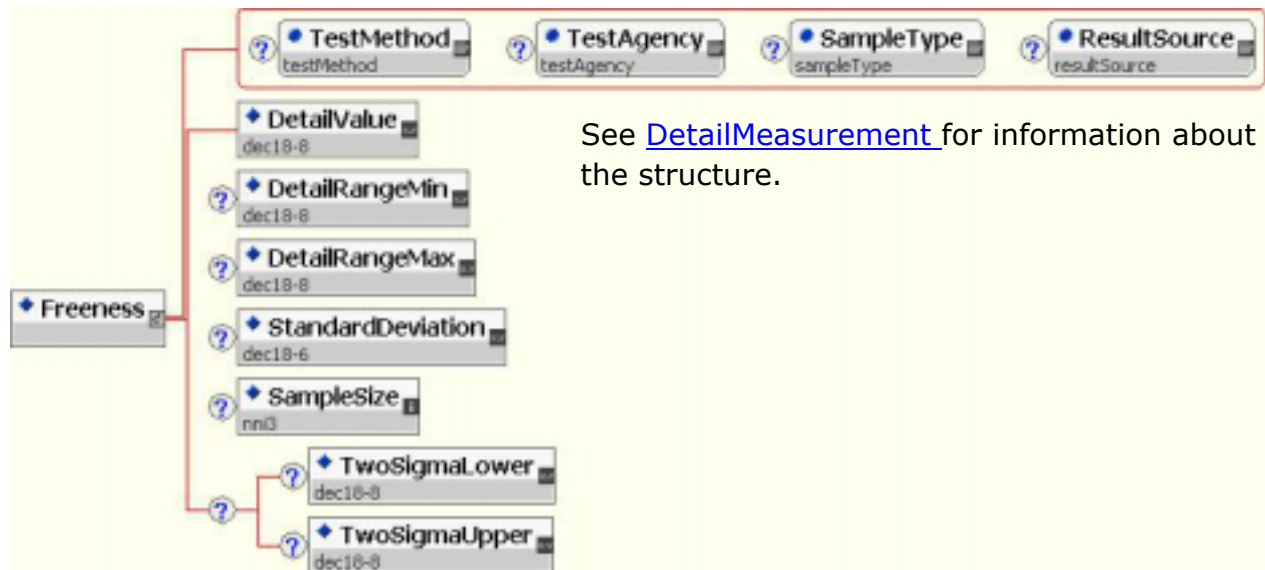


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Freeness

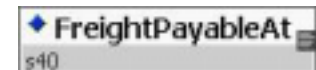
GeneralLedgerAccount

Freeness

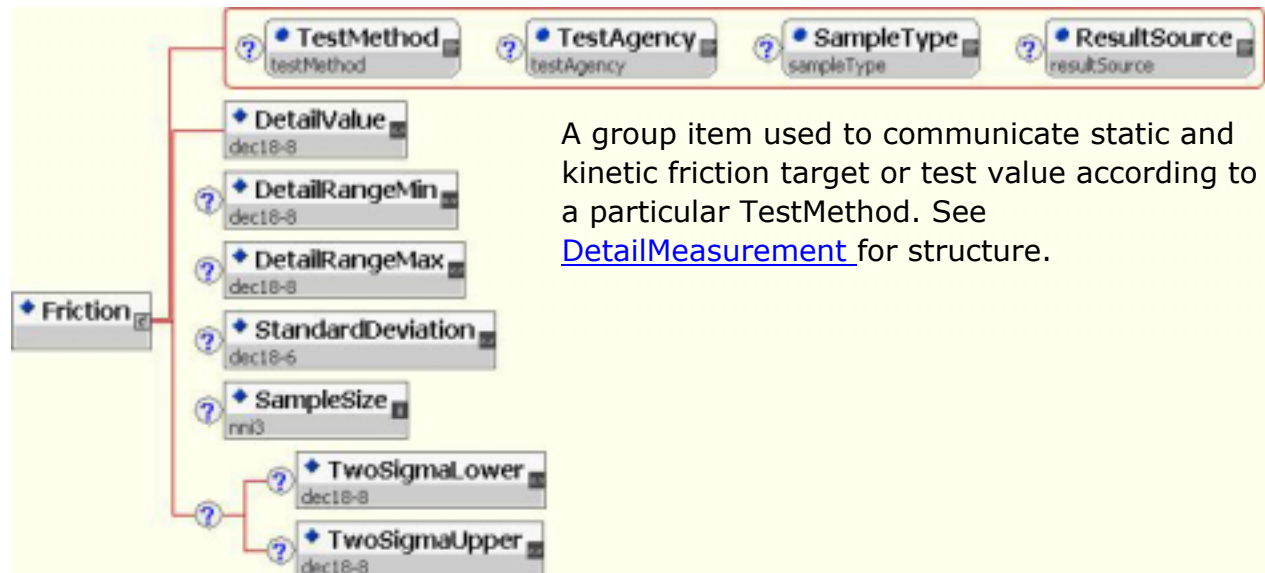


FreightPayableAt

The location at which freight charges are calculated.

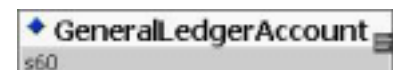


Friction

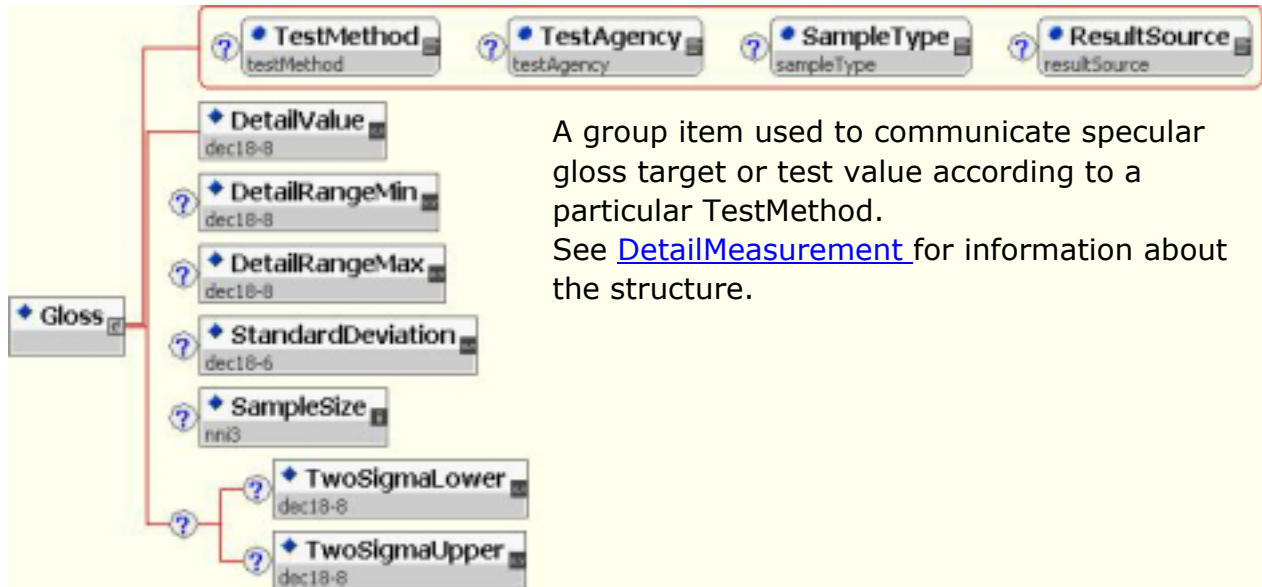


GeneralLedgerAccount

The general ledger account to be referenced for the item.



Gloss



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Goods Receipt Root

Goods Receipt Root



- [GoodsReceiptStatusType](#)
 - ✧ Cancelled
 - ✧ Original
 - ✧ Replaced

The GoodsReceipt attribute, GoodsReceiptAcceptance, describes the delivery condition, the accuracy of the received goods compared to the information contained in the DeliveryMessage, or whether the delivery was rejected.

- [GoodsReceiptAcceptance](#)
 - ✧ GoodsReceivedAsIs
 - ✧ GoodsReceivedCancelled
 - ✧ GoodsReceived-WithVariance
 - ✧ GoodsReceived-WithVarianceAndDamage
 - ✧ GoodsReceived-AsSpecified
 - ✧ GoodsReceivedRejected
 - ✧ GoodsReceived-WithDamage
 - ✧ GoodsReceived-WithoutDeliveryMessage

GoodsReceipt has an optional attribute, GoodsReceivedRejectedType, which is used with when goods were rejected to describe the reason for rejection.

- [GoodsReceivedRejectedType](#)
 - ✧ Excessive-TransitDamage
 - ✧ TooLate
 - ✧ WrongDiameter
 - ✧ WrongWrap
 - ✧ TooEarly
 - ✧ UnableToUnload
 - ✧ WrongLabel
 - ✧ WrongVehicleType

GoodsReceipt has an attribute indicating if the document has been reissued. The default is "No" the document is not a copy, it is an original.

- Reissued

An attribute to communicate the Language

- Language, optional defaults to "eng" (English)

Elements:

- [GoodsReceiptHeader](#)
- [GoodsReceiptLineItem](#)
- [GoodsReceiptSummary](#)

GoodsReceiptArrivalDate

The [Date](#) and optionally [Time](#) on which the received goods arrived.



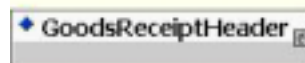
GoodsReceiptHeader

The GoodsReceiptHeader is required and contains information common to the Goods Receipt message. It contains the following attribute:

- [GoodsReceiptHeaderAcceptance](#)

And the following elements:

- [GoodsReceiptNumber](#)
- [GoodsReceiptIssueDate](#)
- [TransactionHistoryNumber](#)
- [GoodsReceiptArrivalDate](#)
- [TimePeriod](#)
- [GoodsReceiptUnloadDate](#)
- [GoodsReceiptReference](#)
- [DeliveryMessageNumber](#)
- [DeliveryMessageDate](#)
- [BuyerParty](#)
- [BillToParty](#)



- [SupplierParty](#)
- [CarrierParty](#)
- [OtherParty](#)
- [SenderParty](#)
- [ReceiverParty](#)
- [ShipToCharacteristics](#)
- [TransportationComment](#)



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GoodsReceiptIssueDate

GoodsReceiptIssueDate

GoodsReceiptIssueDate

The date that the Goods Receipt message was created.



GoodsReceiptLineItem

The Optional GoodsReceiptLineItem specifies how a shipment was received for an individual delivery line for one purchase order and purchase order line item.

GoodsReceiptLineItem contains an attribute that specifies goods acceptance at the GoodsReceiptLineItem level:

- [GoodsReceiptAcceptance](#)
 - ✧ GoodsReceivedAsIs
 - ✧ GoodsReceivedWithDamage
 - ✧ GoodsReceivedAsSpecified
 - ✧ GoodsReceivedRejected
 - ✧ GoodsReceivedWithVarianceAndDamage
 - ✧ GoodsReceivedWithVariance



GoodsReceiptLineItem has an optional attribute, GoodsReceivedRejectedType, which is used when goods were rejected to describe the reason for rejection.

- [GoodsReceivedRejectedType](#)
 - ✧ ExcessiveTransit-Damage
 - ✧ WrongDiameter
 - ✧ TooEarly
 - ✧ WrongLabel
 - ✧ TooLate
 - ✧ WrongWrap
 - ✧ UnableToUnload

GoodsReceiptLineItem has the following elements:

- [GoodsReceiptLineItemNumber](#)
- [DeliveryMessageLineItemNumber](#)
- [PurchaseOrderInformation](#)
- [PurchaseOrderLineItemNumber](#)
- [GoodsReceiptReference](#)
- [Product](#)
- [NumberOfGoodsReceiptPackages](#)
- [Quantity](#)
- [InformationalQuantity](#)
- [GoodsReceiptPackage](#)

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GoodsReceiptLineItemNumber

GoodsReceiptReference

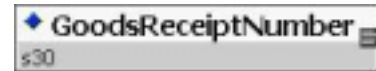
GoodsReceiptLineItemNumber

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 goods receipt is packaged.

The GoodsReceiptPackage contains the following attributes:

- [GoodsReceiptAcceptance](#)
- [VarianceType](#)
- [GoodsReceivedRejectedType](#)

The GoodsReceiptPackage contains the following element:

- [PackageInformation](#)

GoodsReceiptReference

A group item detailin



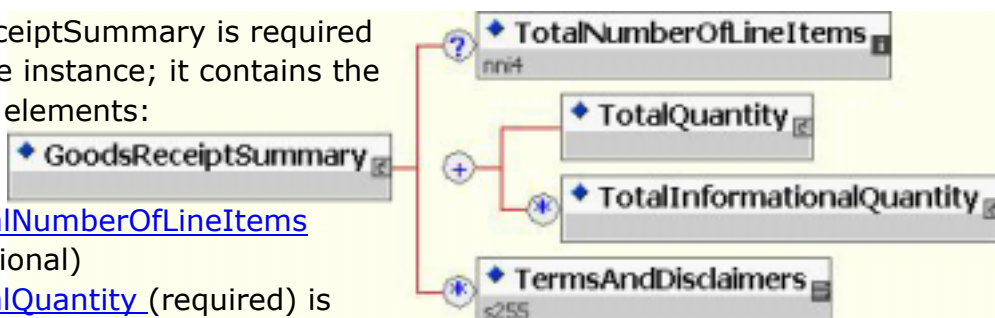
g relevant references (such as contract number) pertaining to the GoodsReceipt, as indicated by the [GoodsReceiptReferenceType](#).

GoodsReceiptSummary

GoodsReceiptSummary

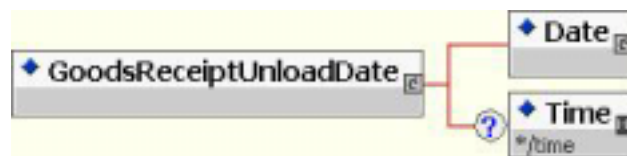
GoodsReceiptSummary is required and single instance; it contains the following elements:

- [TotalNumberOfLineItems](#) (optional)
- [TotalQuantity](#) (required) is the sum of primary quantity of such as total gross weight.
- [TotalInformationalQuantity](#) (optional) can be used to sum other quantities such as Damage.
- [TermsAndDisclaimers](#)



GoodsReceiptUnloadDate

The [Date](#) and optionally [Time](#) on which the received goods were unloaded.



GPSCoordinates

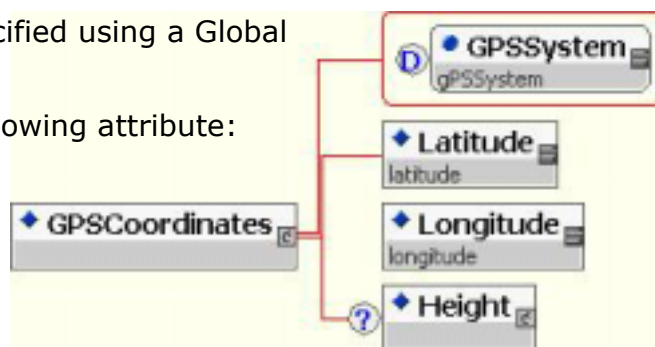
The location of the party as specified using a Global Positioning System.

GPSCoordinates includes the following attribute:

- GPSSystem

and the following elements:

- Latitude
- Longitude
- Height



GrainDirection

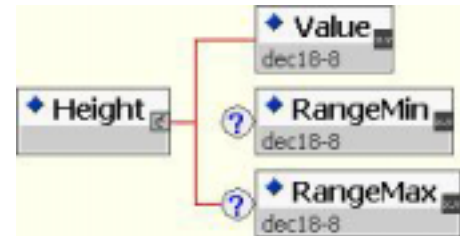
Defines the primary orientation/alignment (Long or Short) of the cellulose fibres in a sheet or web of paper, which results from the flow of fibres in a water suspension during the papermaking process.



Height

Height

The height of the object. Uses the Measurement element group.



HoleReinforcement

The nature and type of hole reinforcement is communicated in this element.

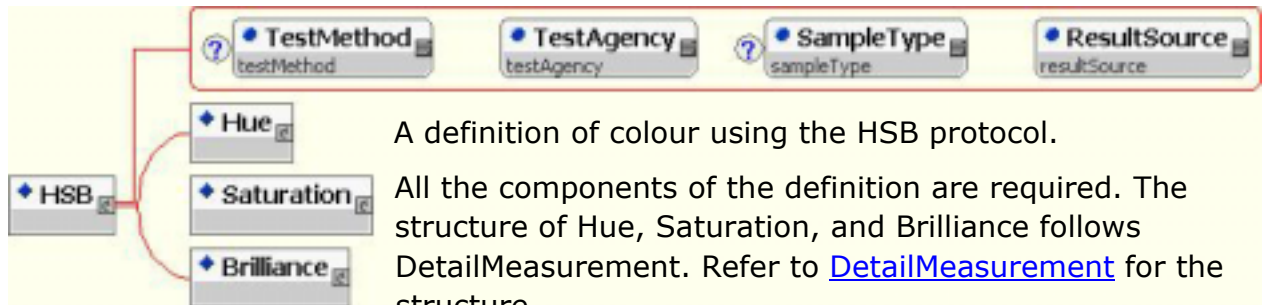


Hours

A qualifier of [DeliveryTransitTime](#).



HSB

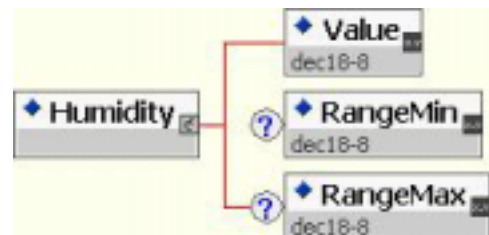


HSB contains the following attributes:

- [TestMethod](#)
- [TestAgency](#)
- [SampleType](#)
- [ResultSource](#)

Humidity

Humidity



Identifier

An Identifier



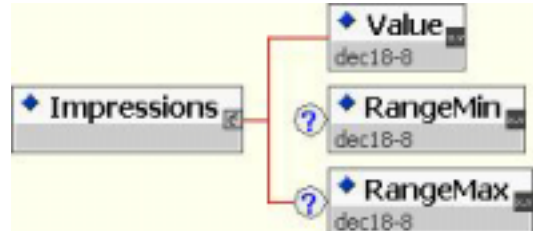
is required for pallets, multi-reels, boxes, reams, or reels. The Identifier element contains the actual item identifier code. Identifier is repeatable so more than one identifier can be communicated. For example, the printed identifier on a label may be different from the barcode printed on the label.

Identifier has two attributes:

- [IdentifierCodeType](#)
- [IdentifierType](#)

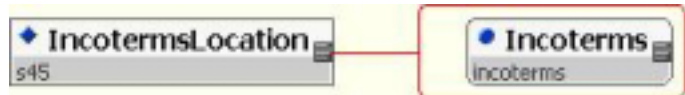
Impressions

The work produced by one revolution of the printing cylinder or unit.



IncotermsLocation

A group item representing the location where the Incoterms or delivery terms are applicable.

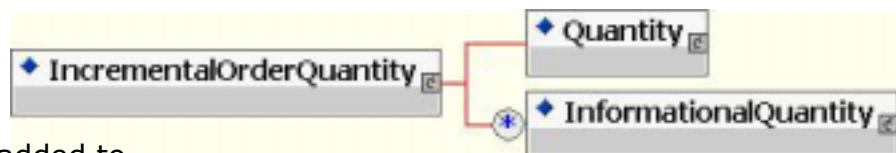


IncotermsLocation contains the following attribute

- [Incoterms](#)

IncrementalOrderQuantity

An incremental quantity and units of



measure that is added to

MinimumOrderQuantity to arrive at an order quantity.

IncrementalOrderQuantity contains the following elements:

- [Quantity](#)
- [InformationalQuantity](#)

IncrementalValue

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



InfoRequest Root

InfoRequest has the following attributes:

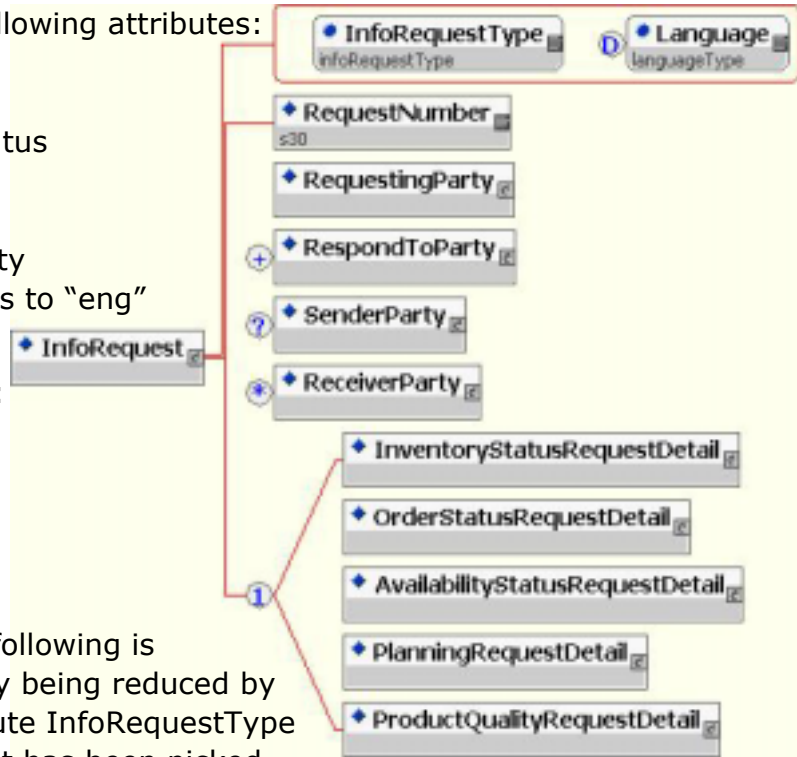
- [InfoRequestType](#)
 - ✧ Availability
 - ✧ InventoryStatus
 - ✧ OrderStatus
 - ✧ Planning
 - ✧ ProductQuality
- [Language](#), defaults to "eng"

InfoRequest contains the following elements:

- RequestNumber
- RequestingParty
- RespondToParty
- SenderParty
- ReceiverParty

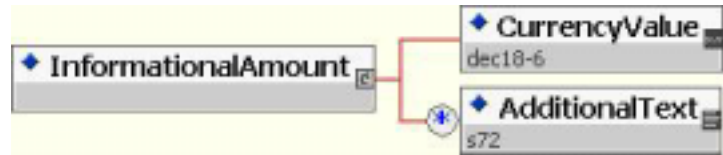
A choice of one of the following is required with ambiguity being reduced by the fact that the attribute InfoRequestType indicates which element has been picked.

- [InventoryStatusRequestDetail](#)
- [OrderStatusRequestDetail](#)
- [AvailabilityStatusRequestDetail](#)
- [PlanningRequestDetail](#)
- [ProductQualityRequestDetail](#)



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.



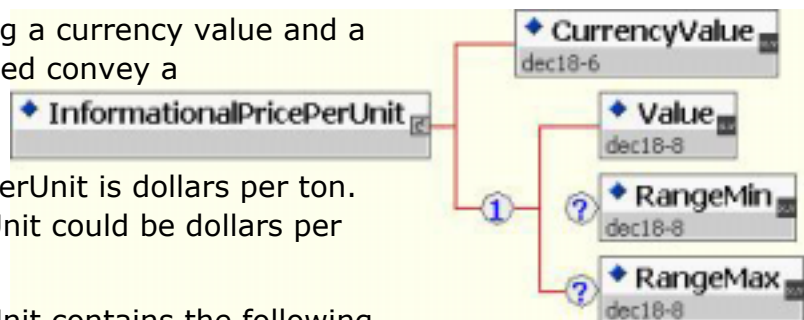
InformationalAmount contains the elements:

- [CurrencyValue](#)
- [AdditionalText](#)

Invoice - The TaxAmount is displayed in the currency that is applicable throughout the invoice. When a TaxAmount needs to be displayed in a different national currency, this field is used.

InformationalPricePerUnit

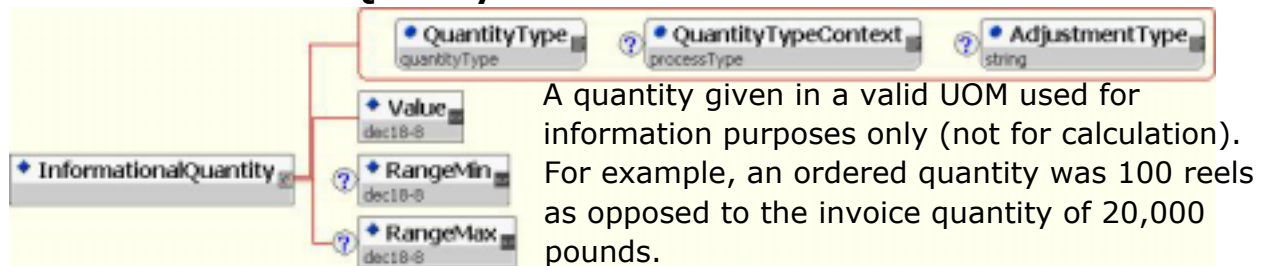
A group item containing a currency value and a measurement value used convey a secondary PricePerUnit. For example, where PricePerUnit is dollars per ton. InformationalPricePerUnit could be dollars per kilogram.



InformationalPricePerUnit contains the following elements:

- [CurrencyValue](#)
- [Value](#)
- [RangeMin](#)
- [RangeMax](#)

InformationalQuantity



InformationalQuantity contains the following attributes:

- [QuantityType](#)
- [QuantityTypeContext](#)
- [AdjustmentType](#)

And the following elements:

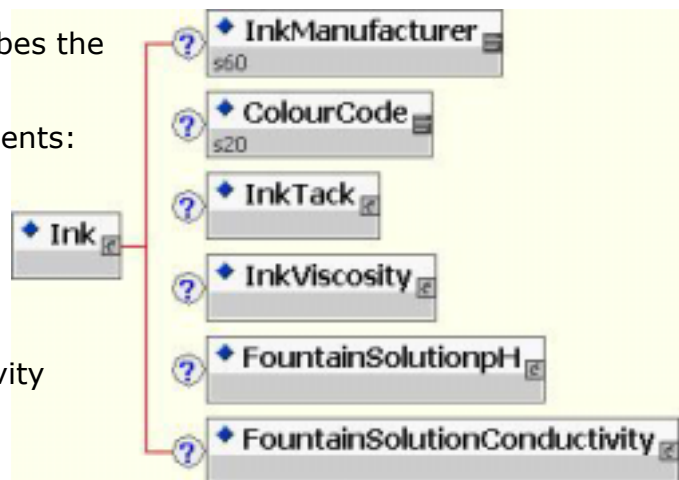
- [Value](#)
- [RangeMin](#)
- [RangeMax](#)

Ink

A grouping element that describes the ink used in the process.

Ink contains the following elements:

- InkManufacturer
- ColourCode
- InkTack
- InkViscosity
- FountainSolutionpH
- FountainSolutionConductivity



InkDelivery

The delivery mechanism used in the printing process.



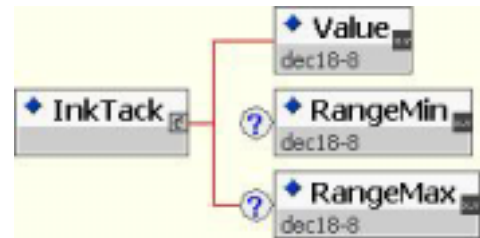
InkManufacturer

Company that produced the ink used in the job.



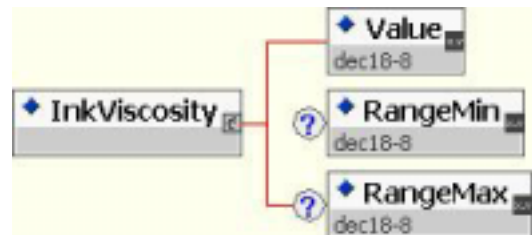
InkTack

The stickiness of the ink.



InkViscosity

The measured thickness of the ink.

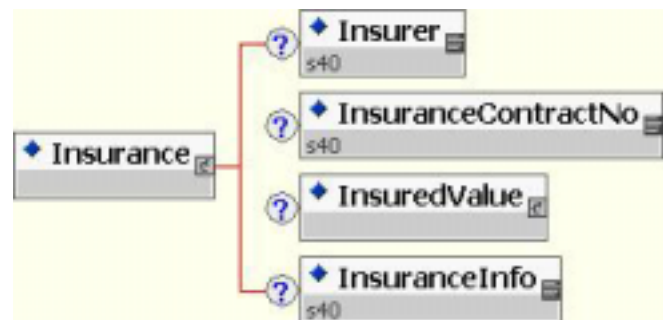


Insurance

Group element containing information about insurance

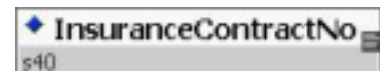
Insurance contains the following elements:

- Insurer
- InsuranceContractNo
- InsuredValue
- InsuranceInfo



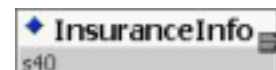
InsuranceContractNo

Insurance contract number



InsuranceInfo

Any addition information about the insurance



InsuredValue

The amount the goods are insured for.

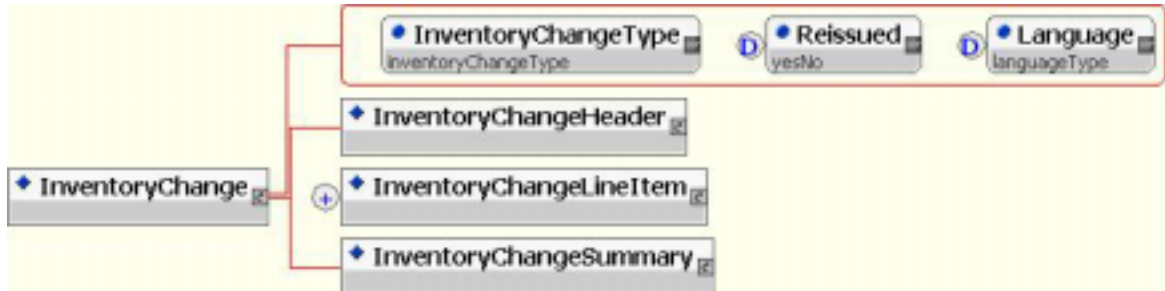


InsuredValue contains the following elements:

- CurrencyValue

Insurer

Name of the insurer

**InventoryChange Root**

InventoryChange has a required attribute that indicates the type of inventory change being communicated:

- [InventoryChangeType](#)

Inventory Change has a required attribute that indicates whether the document is an original or a copy. When this attribute is omitted the document is not a copy – it is an original.

- [Reissued](#)

An attribute to communicate the Language

- [Language](#), optional defaults to “eng” (English)

The Inventory Change also contains the following elements:

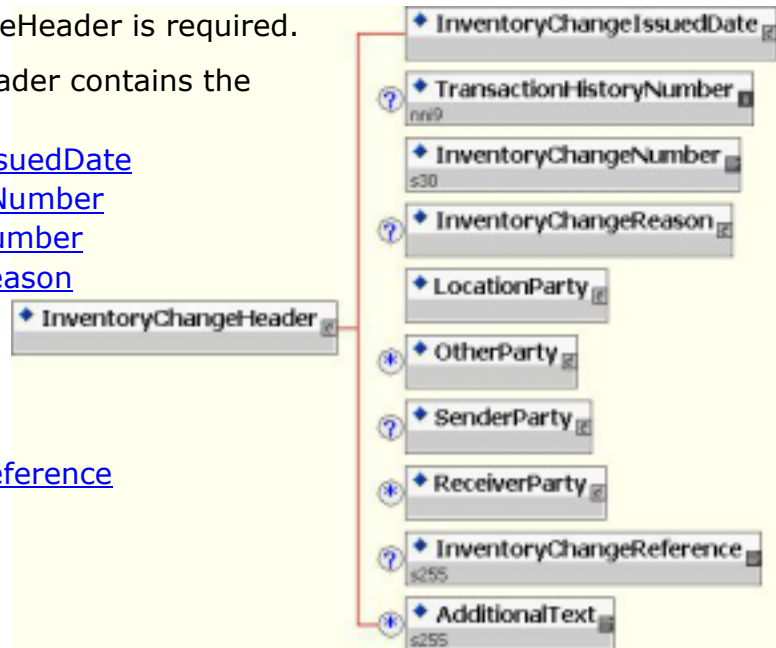
- [InventoryChangeHeader](#)
- [InventoryChangeLineItem](#)
- [InventoryChangeSummary](#)

InventoryChangeHeader

A single InventoryChangeHeader is required.

The InventoryChangeHeader contains the following elements:

- [InventoryChangeIssuedDate](#)
- [TransactionHistoryNumber](#)
- [InventoryChangeNumber](#)
- [InventoryChangeReason](#)
- [LocationParty](#)
- [OtherParty](#)
- [SenderParty](#)
- [ReceiverParty](#)
- [InventoryChangeReference](#)
- [AdditionalText](#)



InventoryChangeIssuedDate

The [Date](#) and optionally [Time](#) when the inventory change was issued.



InventoryChangeLineItem

Multiple
InventoryChangeLineItem
instances are allowed; at
least one is required.

- [InventoryChange-LineItemNumber](#)
- [PurchaseOrder-Information](#)
- [PurchaseOrderLineItem](#)
- [Product](#)

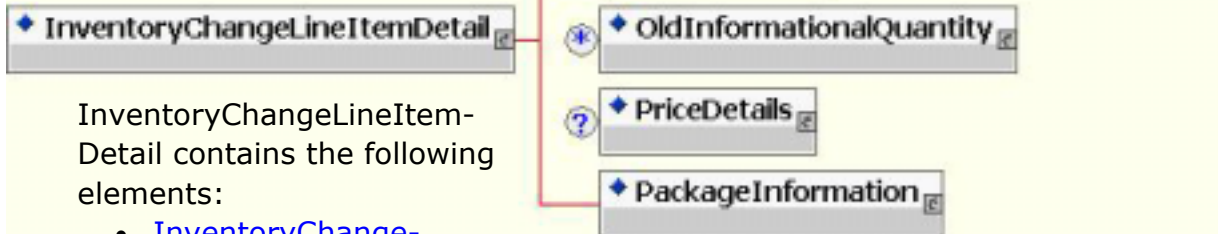
InventoryChangeLineItem

- [InventoryClass](#)
- [NumberOf-InventoryChange-LineItemDetails](#)
- [InventoryChange-LineItemDetail](#)
- [Quantity](#)
- [InformationalQuantity](#)
- [OldQuantity](#)
- [OldInformational-Quantity](#)
- [AdditionalText](#)



InventoryChangeLineItemDetail

Unit level details associated with the Inventory Change message.

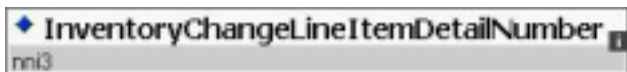


InventoryChangeLineItemDetail contains the following elements:

- [InventoryChangeLineItemDetailNumber](#)
- [OldQuantity](#)
- [OldInformationalQuantity](#)
- [PriceDetails](#)
- [PackageInformation](#)

InventoryChangeLineItemDetailNumber

An identifier allowing the line item to be uniquely identified.



InventoryChangeLineItemNumber

An identifier for the InventoryChangeLineItem.



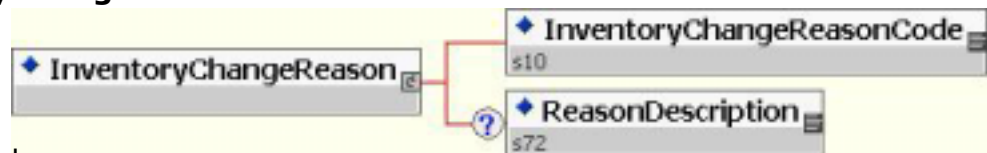
InventoryChangeNumber

An identifier allowing the line item to be uniquely identified.



InventoryChangeReason

The reason for the inventory change.



InventoryChangeReason contains the following elements:

- InventoryChangeReasonCode
- ReasonDescription

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InventoryChangeReasonCode

InventoryChangeSummary

InventoryChangeReasonCode

A code representing the reason for the inventory change, identified by [Agency](#).

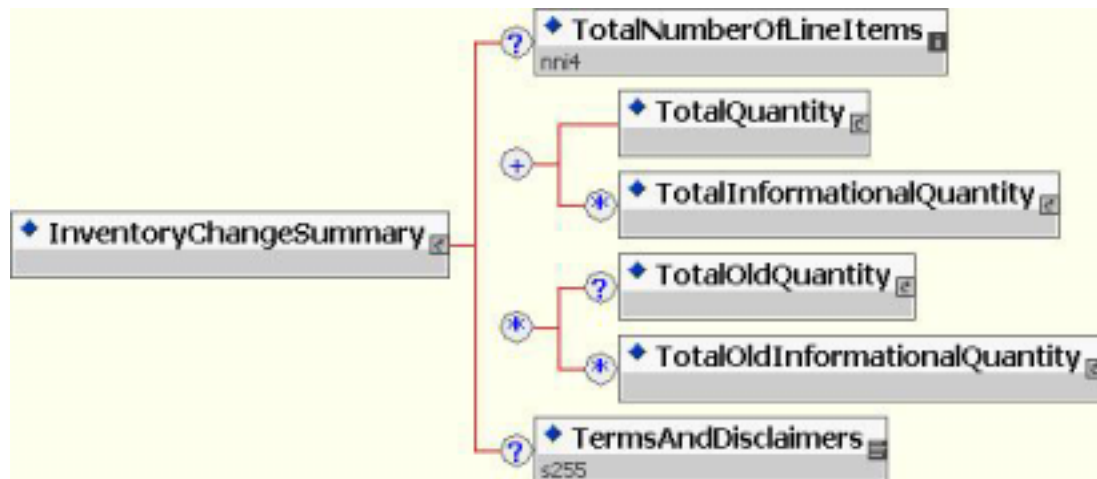


InventoryChangeReference

An element detailing relevant references (such as contract number) pertaining to the InventoryChange, identified by [InventoryChangeReferenceType](#).



InventoryChangeSummary



A single InventoryChangeSummary is required.

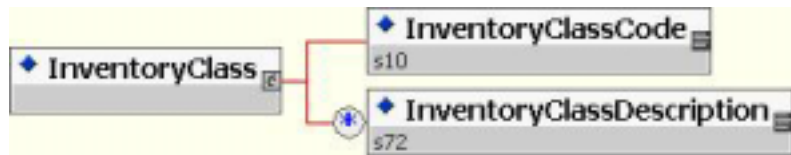
- [TotalNumberOfLineItems](#)
- [TotalQuantity](#)
- [TotalInformationalQuantity](#)
- [TotalOldQuantity](#)
- [TotalOldInformationalQuantity](#)
- [TermsAndDisclaimers](#)

InventoryClass

An identification of the inventory item's state of availability.

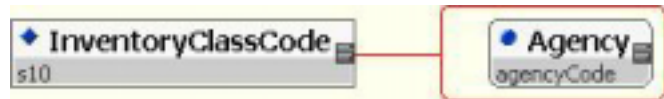
Contains:

- InventoryClassCode
- InventoryClassDescription



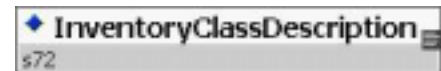
InventoryClassCode

A code representing the inventory class, identified by the indicated [Agency](#).



InventoryClassDescription

A description of the inventory class.



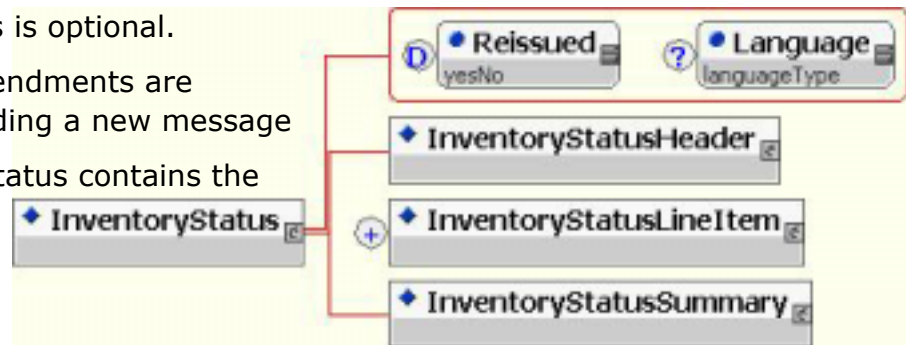
InventoryStatus Root

InventoryStatus is optional.

Changes or amendments are handled by sending a new message

The InventoryStatus contains the following attributes:

- [Reissued](#)
 - ✧ Yes
 - ✧ No



An attribute to communicate the Language

- [Language](#), optional defaults to "eng" (English)
 - ✧ Indicates the language for the content of the message.

The Inventory Status also contains the following elements:

- [InventoryStatusHeader](#)
- [InventoryStatusLineItem](#)
- [InventoryStatusSummary](#)

InventoryStatusHeader

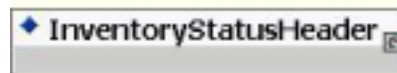
InventoryStatusIssuedDate

InventoryStatusHeader

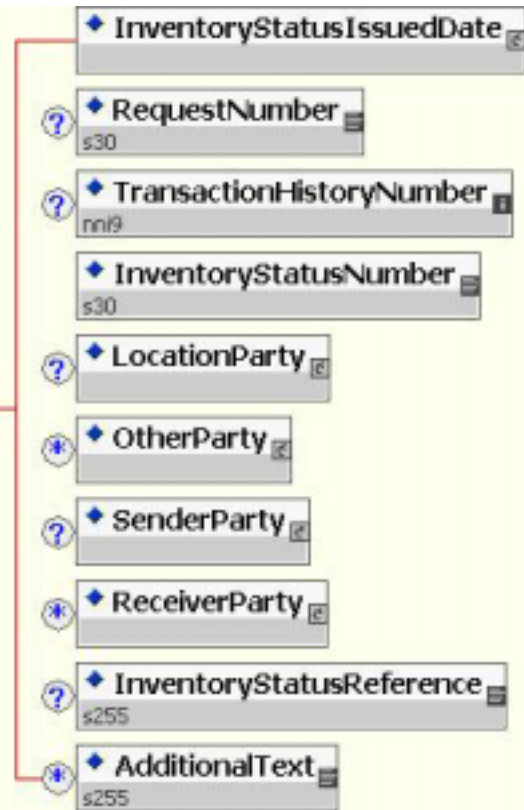
A single InventoryStatusHeader is required.

The InventoryStatusHeader contains the following elements:

- [InventoryStatusIssuedDate](#)
- [RequestNumber](#)
- [TransactionHistoryNumber](#)
- [InventoryStatusNumber](#)



- [LocationParty](#)
- [OtherParty](#)
- [SenderParty](#)
- [ReceiverParty](#)
- [InventoryStatusReference](#)
- [AdditionalText](#)

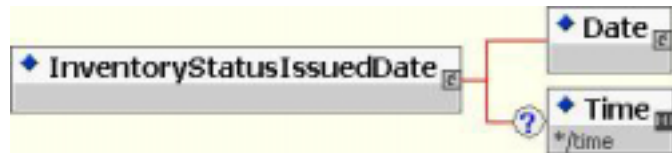


InventoryStatusIssuedDate

The effective date of the InventoryStatus message.

InventoryStatusIssuedDate contains the following elements:

- [Date](#)
- [Time](#)



InventoryStatusLineItem

Multiple
InventoryStatusLineItem
instances are allowed; at
least one is required.

- [InventoryStatus-
LineItemNumber](#)
- [PurchaseOrder-
Information](#)
- [PurchaseOrder-
LineItemNumber](#)
- [Product](#)
- [InventoryClass](#)
- [InventoryStatus-
LineItemDetail](#)

InventoryStatusLineItem

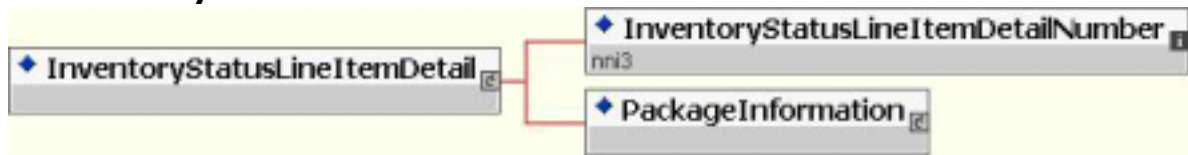
- [NumberOf-
InventoryStatus-
LineItemDetails](#)
- [Quantity](#)
- [LocationParty](#)
- [BuyerParty](#)
- [SupplierParty](#)
- [EndUserParty](#)
- [OtherParty](#)
- [InformationalQuantity](#)
- [AdditionalText](#)



InventoryStatusLineItemDetail

InventoryStatusReference

InventoryStatusLineItemDetail



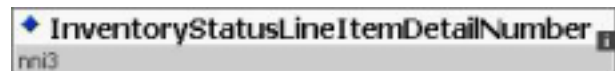
A group element that contains inventory status details.

InventoryStatusLineItemDetail contains:

- [InventoryStatusLineItemDetailNumber](#)
- [PackageInformation](#)

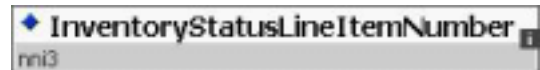
InventoryStatusLineItemDetailNumber

An identifier that allows for unique identification of the InventoryStatusLineItemDetail.



InventoryStatusLineNumber

An identifier that allows for unique identification of the InventoryStatusLineItem.



InventoryStatusNumber

An identifier that allows for unique identification of the InventoryStatusLineItem.

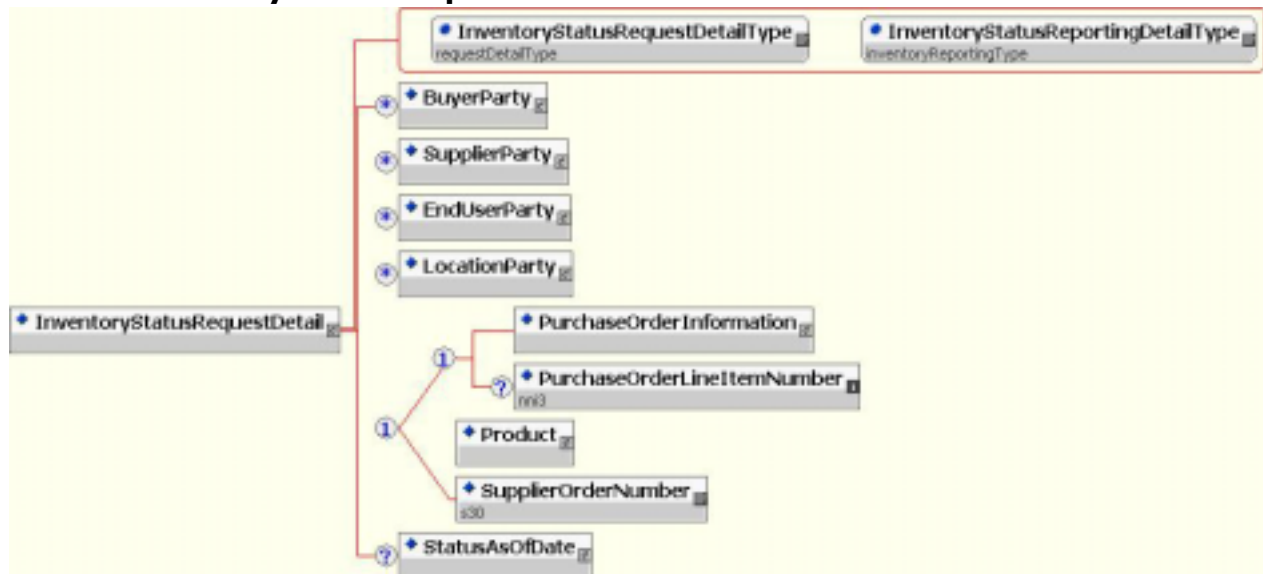


InventoryStatusReference



A group item detailing relevant references pertaining to the InventoryChange, identified by [InventoryStatusReferenceType](#).

InventoryStatusRequestDetail



InventoryStatusRequestDetail is a conditional element. Its existence is mutually exclusive with that of the OrderStatusRequestDetail and AvailabilityStatusRequestDetail.

Attributes include:

- [InventoryStatusRequestDetailType](#)
- [InventoryStatusReportingDetailType](#)

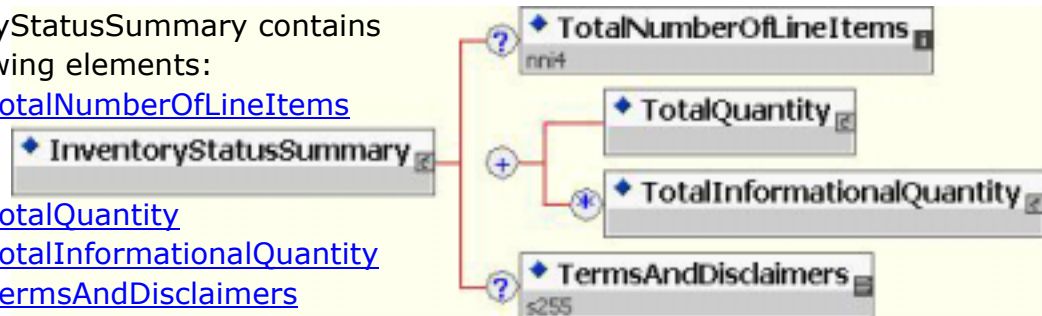
The InventoryStatusRequestDetail contains the following elements:

- [BuyerParty](#)
- [SupplierParty](#)
- [EndUserParty](#)
- [LocationParty](#)
- [PurchaseOrderInformation](#)
- [PurchaseOrderLineNumber](#)
- [Product](#)
- [SupplierOrderNumber](#)
- [StatusAsOfDate](#)

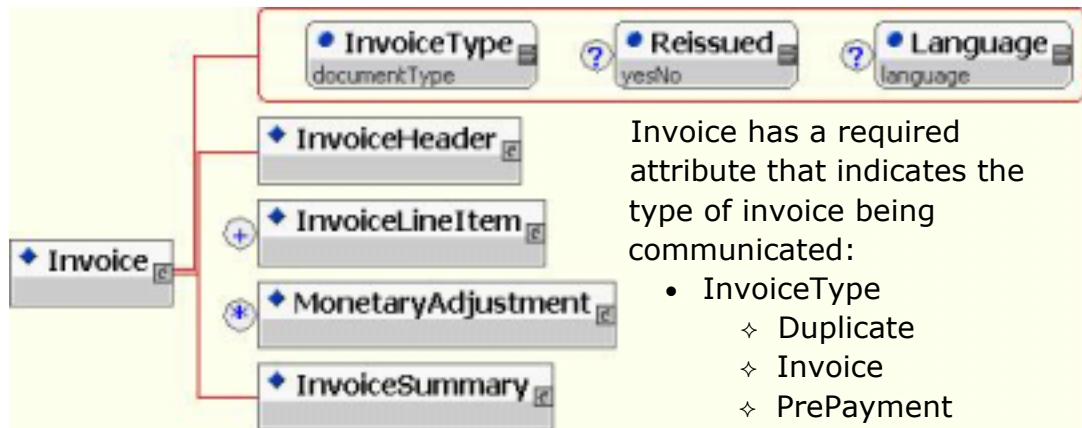
InventoryStatusSummary

InventoryStatusSummary contains the following elements:

- [TotalNumberOfLineItems](#)
- [TotalQuantity](#)
- [TotalInformationalQuantity](#)
- [TermsAndDisclaimers](#)



Invoice Root



Invoice has a required attribute that indicates the type of invoice being communicated:

- InvoiceType
 - ✧ Duplicate
 - ✧ Invoice
 - ✧ PrePayment
 - ✧ ProForma

Invoice has a required attribute that indicates whether the document is an original or a copy. When this attribute is omitted the document is not a copy – it is an original.

- Reissued

An attribute to communicate the Language

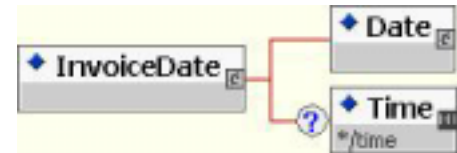
- Language, optional defaults to “eng” (English)
 - ✧ Indicates the language for the content of the message.

The Invoice also contains the following elements:

- [InvoiceHeader](#)
- [InvoiceLineItem](#)
- [InvoiceSummary](#)

InvoiceDate

The date the invoice is issued by the supplier. This date often drives payment terms.

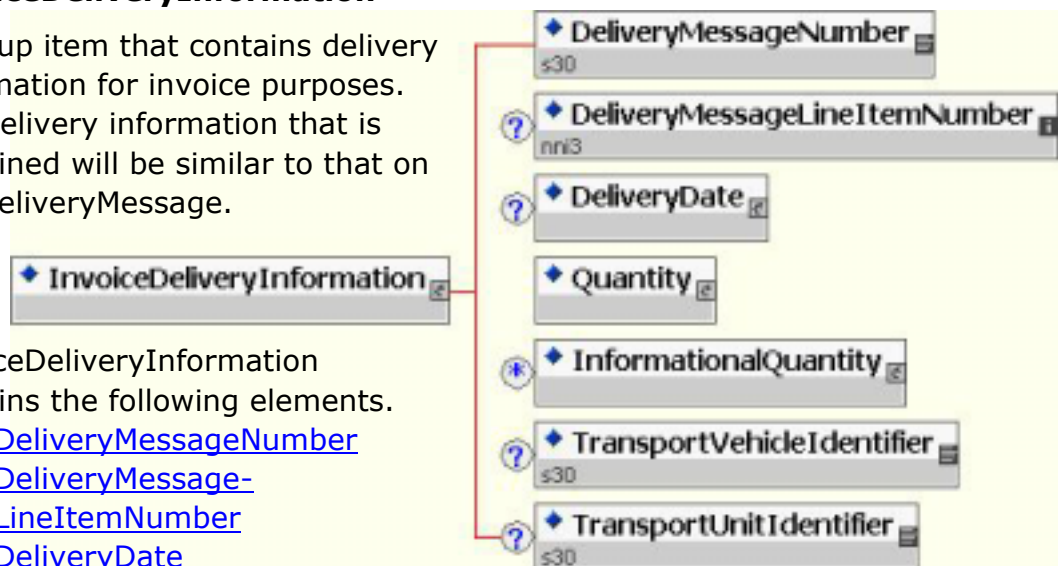


InvoiceDate contains the following elements:

- [Date](#)
- [Time](#)

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.



InvoiceDeliveryInformation contains the following elements.

- [DeliveryMessageNumber](#)
- [DeliveryMessage-LineItemNumber](#)
- [DeliveryDate](#)
- [Quantity](#)
- [InformationalQuantity](#)
- [TransportVehicleIdentifier](#)
- [TransportUnitIdentifier](#)

InvoiceHeader

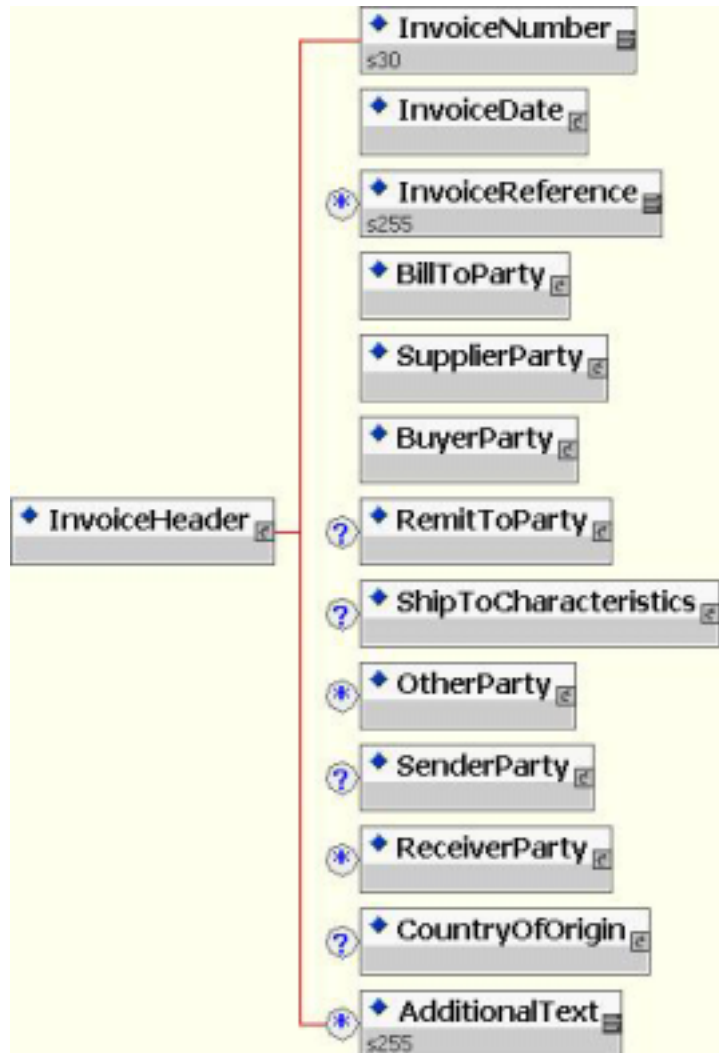
InvoiceLineAmount

InvoiceHeader

A single InvoiceHeader is required.

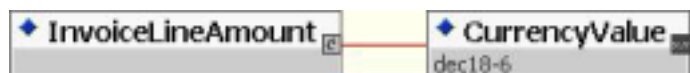
The InvoiceHeader contains the following elements:

- [InvoiceNumber](#)
- [InvoiceDate](#)
- [InvoiceReference](#)
- [BillToParty](#)
- [SupplierParty](#)
- [BuyerParty](#)
- [RemitToParty](#)
- [ShipToCharacteristics](#)
- [OtherParty](#)
- [SenderParty](#)
- [ReceiverParty](#)
- [CountryOfOrigin](#)
- [AdditionalText](#)



InvoiceLineAmount

The total invoice amount per line (includes adjustments and tax). InvoiceLineAmount encapsulates [CurrencyValue](#).



InvoiceLineAmount is equal to the InvoiceLineBaseAmount plus the sum of the signed values of the MonetaryAdjustmentAmount for all instances of MonetaryAdjustment.

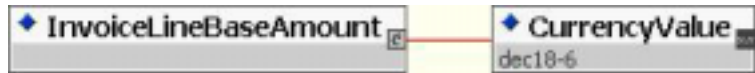
papiNet Standard – Version 2.10

InvoiceLineBaseAmount

InvoiceLineBaseAmountInformation

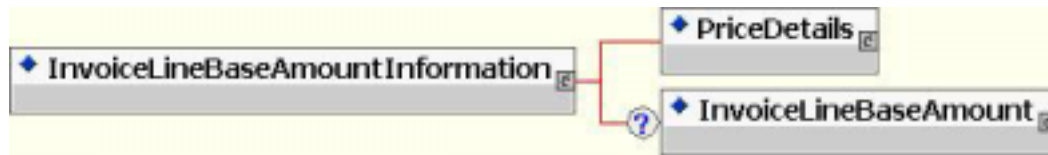
InvoiceLineBaseAmount

A field that contains the result of the calculation



Quantity at the InvoiceLineItem level times the PricePerUnit. It appears at the invoice line item level. InvoiceLineBaseAmount encapsulates [CurrencyValue](#).

InvoiceLineBaseAmountInformation



A group item containing the price per unit and the invoice price amount subtotal. InvoiceLineBaseAmountInformation contains the following elements:

- [PriceDetails](#)
- [InvoiceLineBaseAmount](#)

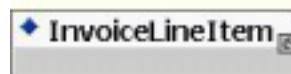
InvoiceLineItem

Multiple InvoiceLineItem instances are allowed; at least one is required.

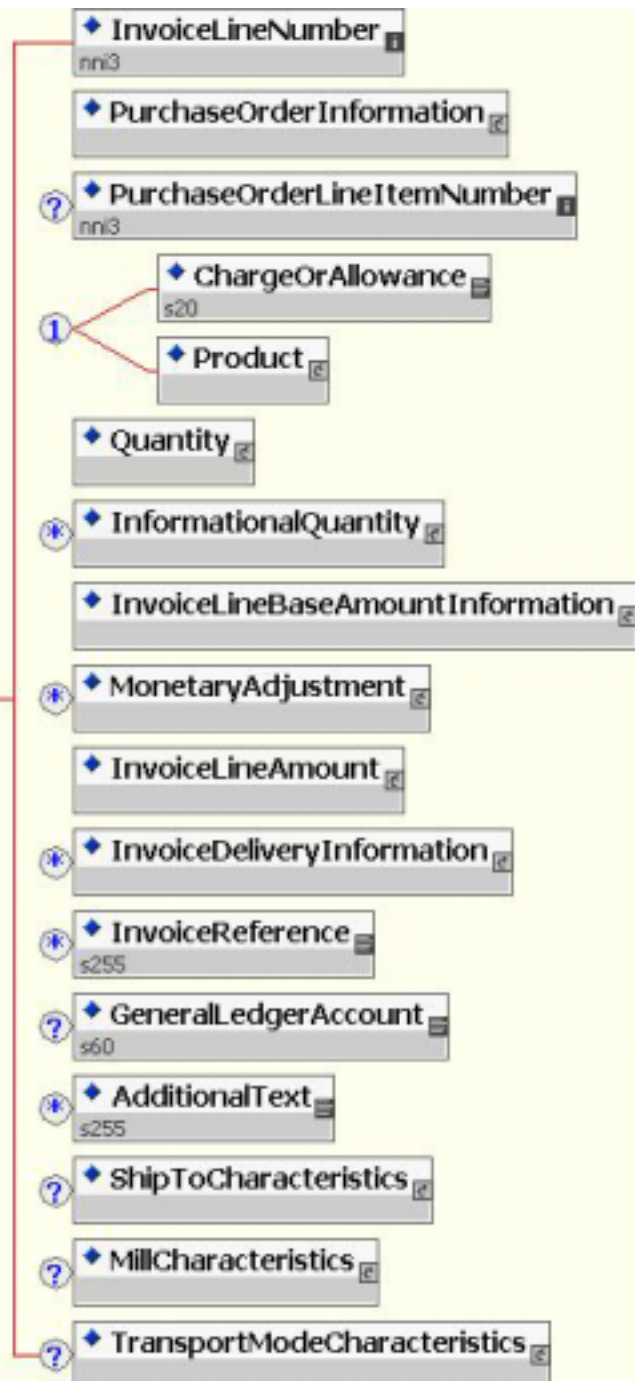
- [InvoiceLineNumber](#)
- [PurchaseOrderInformation](#)
- [PurchaseOrder-LineItemNumber](#)

A choice of either

- [ChargeOrAllowance](#) or [Product](#)
- [Quantity](#)
- [InformationalQuantity](#)
- [InvoiceLine-BaseAmountInformation](#)
- [MonetaryAdjustment](#)



- [InvoiceLineAmount](#)
- [InvoiceDeliveryInformation](#)
- [InvoiceReference](#)
- [GeneralLedgerAccount](#)
- [AdditionalText](#)
- [ShipToCharacteristics](#)
- [MillCharacteristics](#)
- [TransportMode-Characteristics](#)



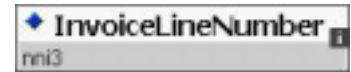
papiNet Standard – Version 2.10

InvoiceLineNumber

InvoiceReference

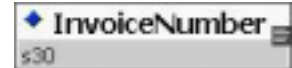
InvoiceLineNumber

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 invoice, generated by the seller.



InvoiceReference

A group item detailing relevant references

pertaining to the invoice message. [InvoiceReferenceType](#) describes the content.



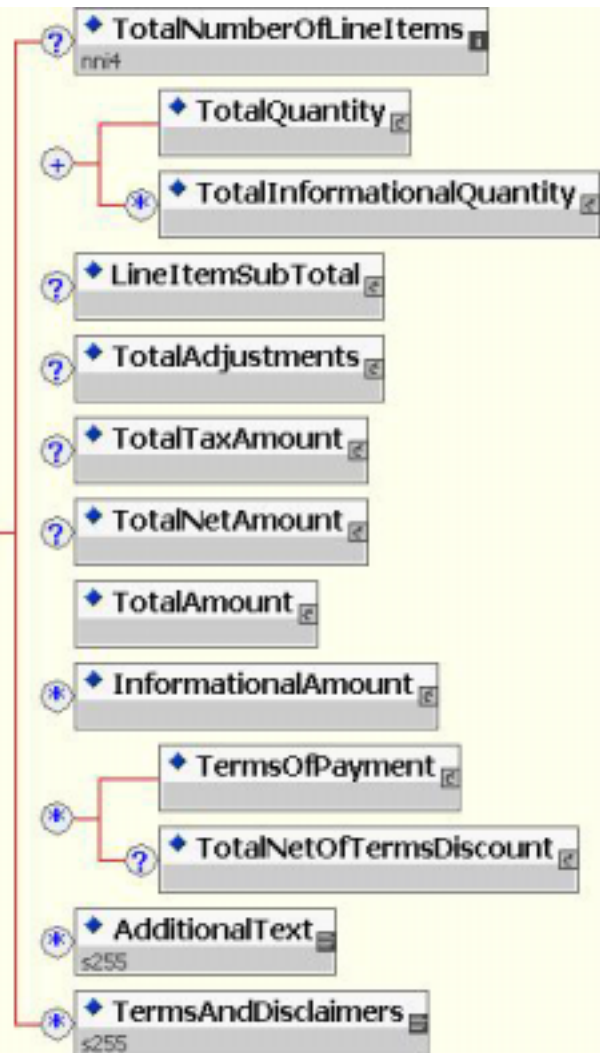
InvoiceSummary

A single InvoiceSummary is required.

- [TotalNumberOfLineItems](#)
- [TotalQuantity](#)
- [TotalInformationalQuantity](#)
- [LineItemSubTotal](#)
- [TotalAdjustments](#)
- [TotalTaxAmount](#)
- [TotalNetAmount](#)
- [TotalAmount](#)
- [InformationalAmount](#)
- [TermsOfPayment](#)

◆ InvoiceSummary

- [TotalNetOfTermsDiscount](#)
- [AdditionalText](#)
- [TermsAndDisclaimers](#)



IssueOrEventID

Used to communicate the identifier for a job.

◆ IssueOrEventID
s30

ItemCount

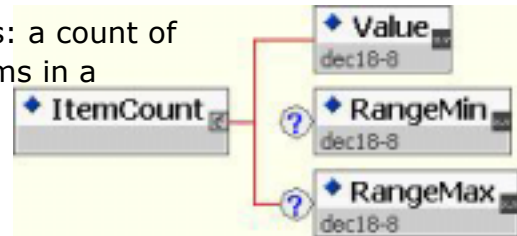
ItemDetails

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).

ItemCount contains the following elements:

- [Value](#)
- [RangeMin](#)
- [RangeMax](#)

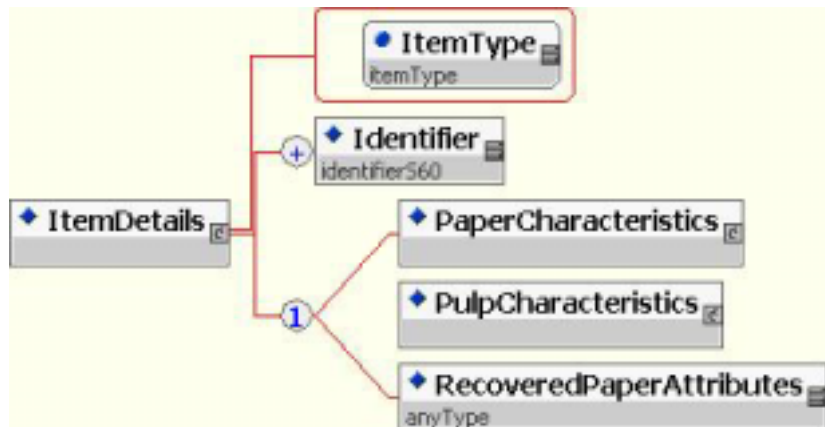


ItemDetails

A group element that identifies a specific item and measured attribute values for that item.

ItemDetails contains the **ItemType** attribute and then the following elements:

- Identifier
- PaperCharacteristics
- PulpCharacteristics
- RecoveredPaperAttributes

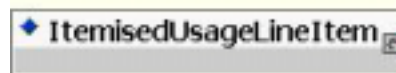


ItemisedUsageLineItem

A group item containing information that relates to an itemized amount of usage.

ItemisedUsageLineItem are:

- [Product](#)
- [PurchaseOrderInformation](#)



- [PurchaseOrderLineItemNumber](#)
- [Quantity](#)
- [InformationalQuantity](#)
- [BasisWeightVariation](#)
- [UsageLineItemDetail](#)



ItemsPerPallet

The number of items on the pallet (either reels or sheet or sheet-package).



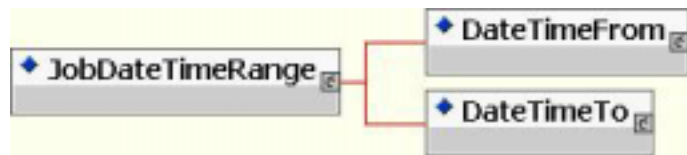
JobCode

The particular identification code of printing an entire request known as a job.



JobDateTimeRange

The specification of the date range for the job.



JobDescription

A textual description of the job.



JobID



An element used to communicate the unique identifier of the Job

papiNet Standard – Version 2.10

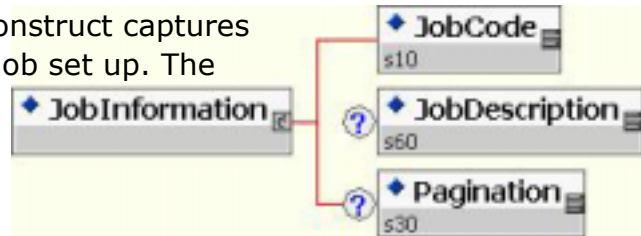
JobInformation

LabelBrandName

JobInformation

JobInformation is optional. This construct captures information specific to the entire job set up. The following options are used.

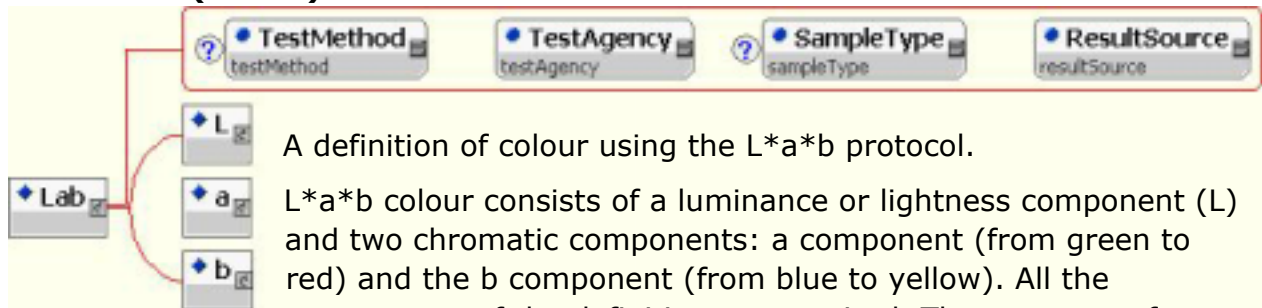
- JobCode
- JobDescription
- Pagination



Jumbo Reel

Refer to [Tambour](#) (TambourID).

Lab (L*a*b)



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. Refer to [DetailMeasurement](#) for the structure.

Lab contains the following attributes:

- [TestMethod](#)
- [TestAgency](#)
- [SampleType](#)
- [ResultSource](#)

LabelBrandName

The trade name or brand name used or, to be used for the label stock.

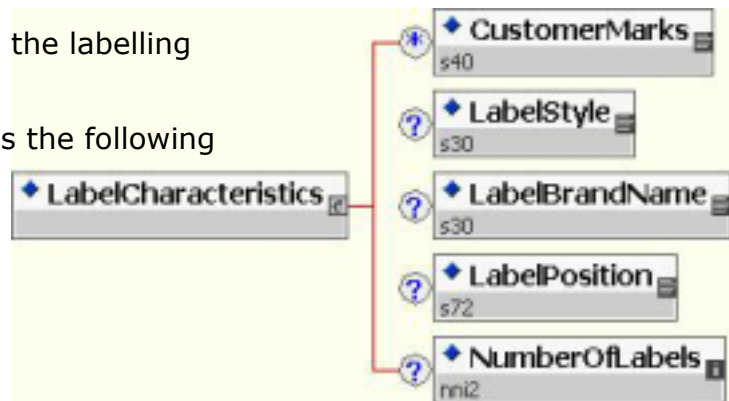


LabelCharacteristics

A group item that organises the labelling information.

LabelCharacteristics contains the following elements:

- [CustomerMarks](#)
- [LabelStyle](#)
- [LabelBrandName](#)
- [LabelPosition](#)
- [NumberOfLabels](#)



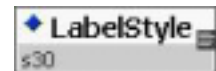
LabelPosition

Information about where the label is to be placed on the package.



LabelStyle

A text field describing the type of special label layout requested by the buyer.



LastDateOfChange

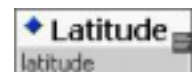
The last date for which changes to the line item may occur before it is

“locked” in the production process. LastDateOfChange encapsulates Date.



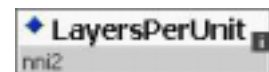
Latitude

A measurement of the position of the party or contact in degrees north or south of the equator



LayersPerUnit

The number of layers on the shipping, handling, or delivery unit. (This element uses pattern matching to ensure the appropriate format for latitude.)

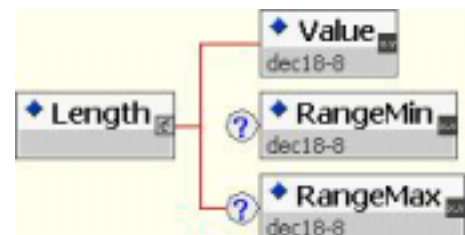


Length

The sheet length measurement expressed with decimals, not fractions.

Length contains the following elements:

- [Value](#)
- [RangeMin](#)
- [RangeMax](#)



papiNet Standard – Version 2.10

LengthFromCore

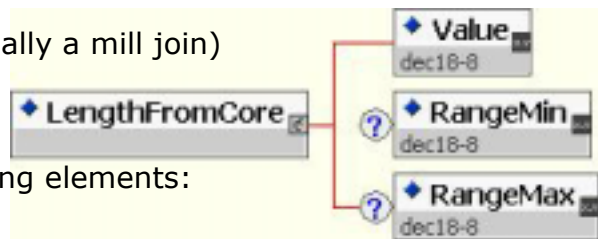
LocationCode

LengthFromCore

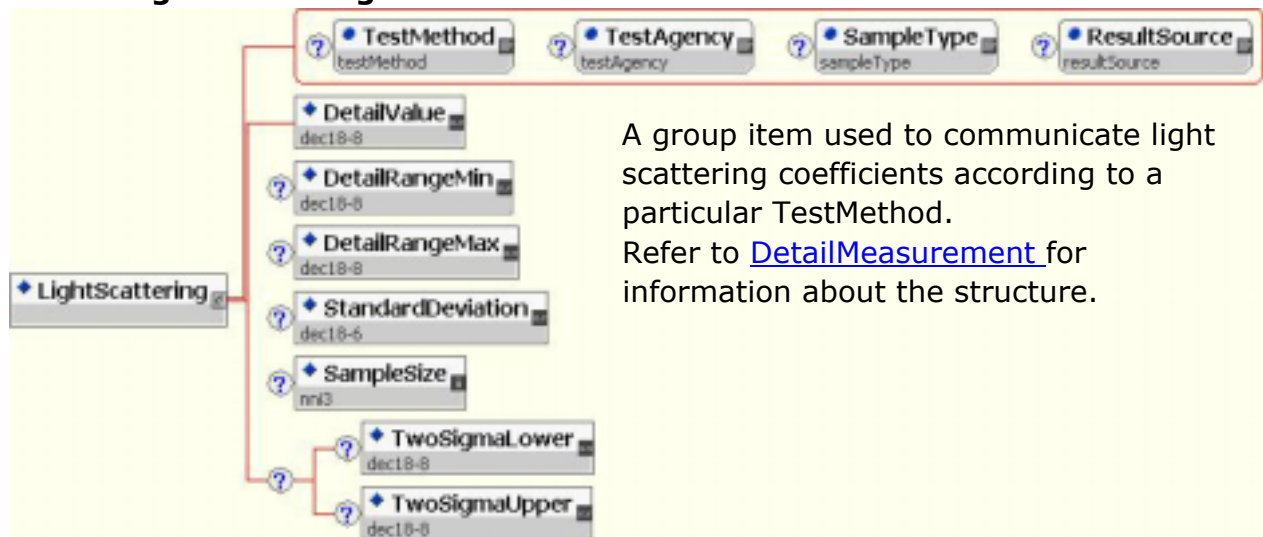
In relationship to a paper event (usually a mill join) where is the event in terms of the length of the paper.

LengthFromCore contains the following elements:

- [Value](#)
- [RangeMin](#)
- [RangeMax](#)



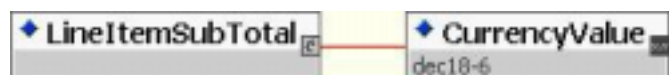
LightScattering



LineItemSubTotal

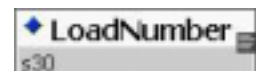
The total amount of all InvoiceLineBaseAmount(s) line items without any monetary adjustments that may occur after the invoice lines.

LineItemSubTotal encapsulates the [CurrencyValue](#) element.



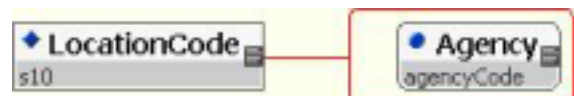
LoadNumber

An element used to communicate the unique identifier of the LoadNumber.



LocationCode

A code used to identify each of the locations (origin and destination) in a DeliveryLeg, as defined by the specified Agency.



LocationParty

LocationParty

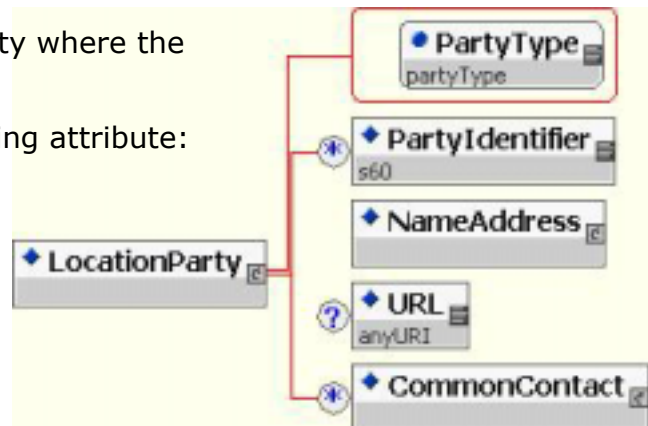
The organization or business entity where the product event take place.

LocationParty contains the following attribute:

- [PartyType](#)

It also contains the following elements:

- [PartyIdentifier](#)
- [NameAddress](#)
- [URL](#)
- [CommonContact](#)



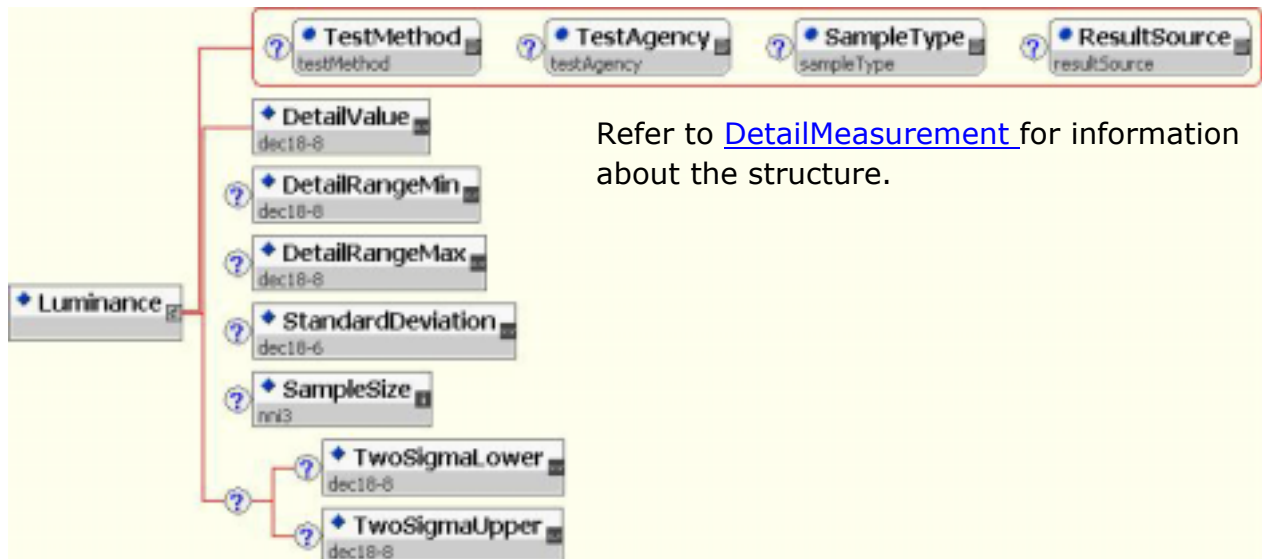
LocationParty is based on the [Party](#) element group.

Longitude

A measurement of the position of the party or contact in degrees east or west of the prime meridian



Luminance



Refer to [DetailMeasurement](#) for information about the structure.

Machine

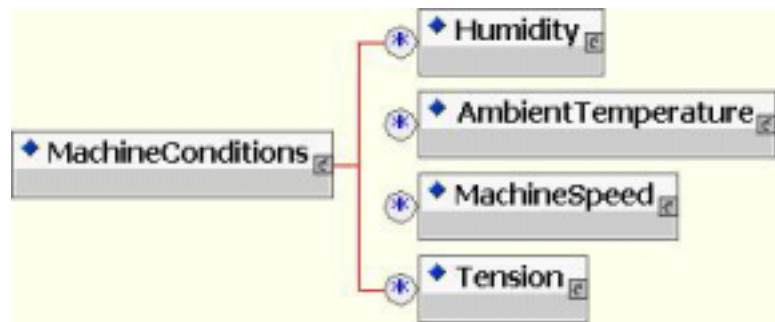
Machine is used to capture information specific to the particular machine used in the conversion or consumption process.

- MachineID
- ReelArm
- ReelStandUnit



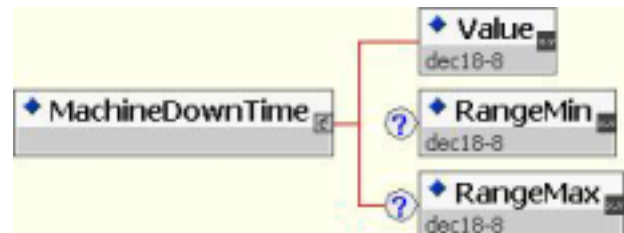
MachineConditions

A grouping element for all the environmental measurement at the time of the run.



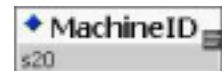
MachineDowntime

The length of loss production time that a machine experienced due to malfunction regardless of cause.



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.

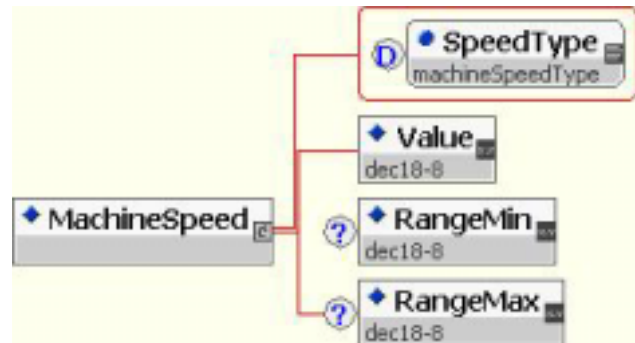


MachineSpeed

MaximumHeight

MachineSpeed

The rate at which the machine was running.



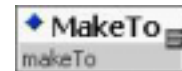
MailAttachment

MailAttachment enables the complainer to indicate that they are providing by mail (express courier, snail mail etc.) proof of the Complaint.



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

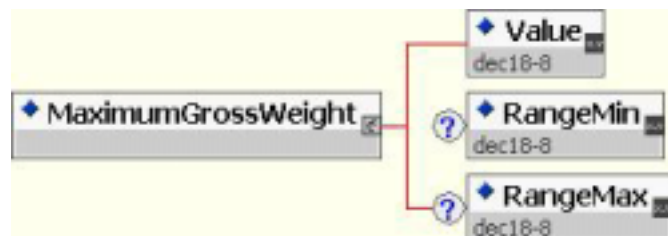


MaximumGrossWeight

The maximum weight allowed including the pallet.

MaximumGrossWeight contains the following elements:

- [Value](#)
- [RangeMin](#)
- [RangeMax](#)

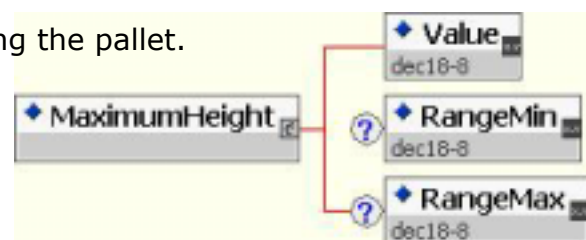


MaximumHeight

The maximum height allowed including the pallet.

MaximumHeight contains the following elements:

- [Value](#)
- [RangeMin](#)
- [RangeMax](#)

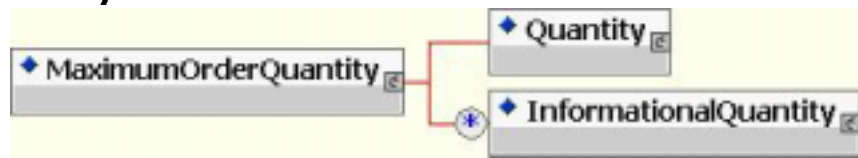


MaximumOrderQuantity

MillCharacteristics

MaximumOrderQuantity

The maximum amount that can be ordered at one time.

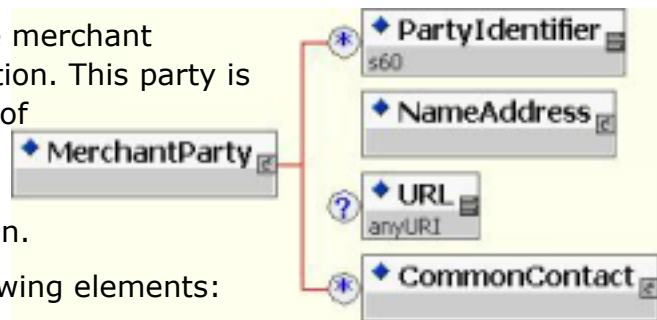


MaximumOrderQuantity contains the following elements:

- [Quantity](#)
- [InformationalQuantity](#)

MerchantParty

This named party represents the merchant involved in the business transaction. This party is only used in the communication of Order Status otherwise it is handled via OtherParty. Refer to [Party](#) for additional information.

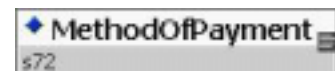


MerchantParty contains the following elements:

- [PartyIdentifier](#)
- [NameAddress](#)
- [URL](#)
- [CommonContact](#)

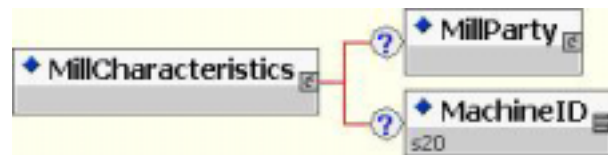
MethodOfPayment

The manner in which payment is to be transmitted to the seller.



MillCharacteristics

A group item defining the mill location and machine ID of a product.

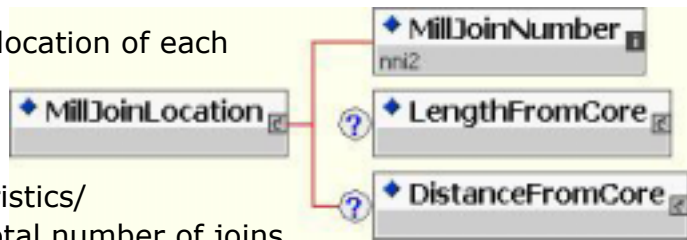


MillCharacteristics contains the following elements.

- [MillParty](#)
- [MachineID](#)

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.

MillJoinLocation contains the following elements:

- [MillJoinNumber](#)
- [LengthFromCore](#)
- [DistanceFromCore](#)

MillJoinNumber

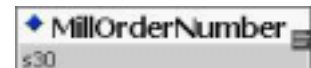
A sequential number that identifies each mill join in a reel. The element



DeliveryMessageReelCharacteristics/NumberOfMillJoins gives the total number of joins in a reel.

MillOrderNumber

The manufacturing order number the mill uses.

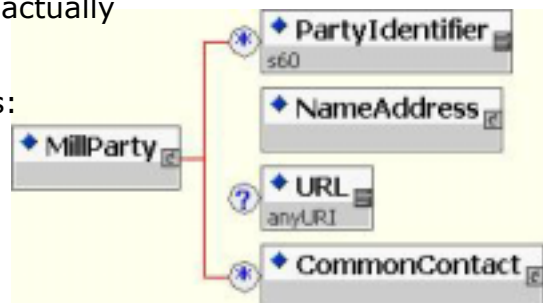


MillParty

The organisation or business entity that actually produces the paper product.

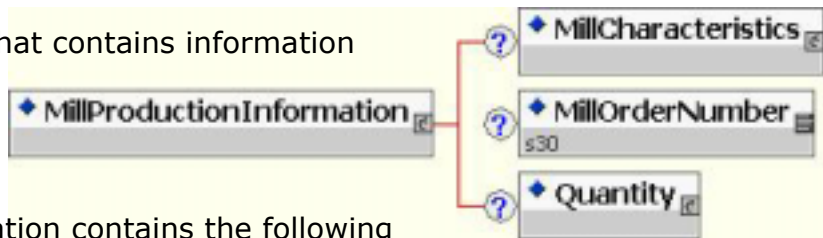
MillParty contains the following elements:

- [PartyIdentifier](#)
- [NameAddress](#)
- [URL](#)
- [CommonContact](#)



MillProductionInformation

A grouping element that contains information about production at the mill.

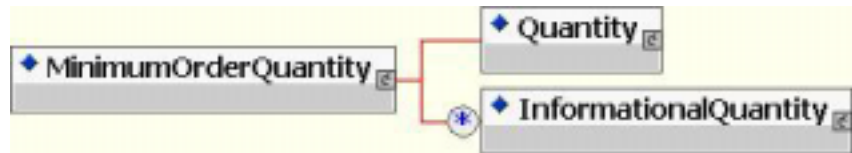


MillProductionInformation contains the following elements:

- [MillCharacteristics](#)
- [MillOrderNumber](#)
- [Quantity](#)

MinimumOrderQuantity

The minimum amount that can be ordered on a purchase order.



MinimumOrderQuantity contains the following elements:

- [Quantity](#)
- [InformationalQuantity](#)

Minutes

A qualifier for the DeliveryTransitTime.

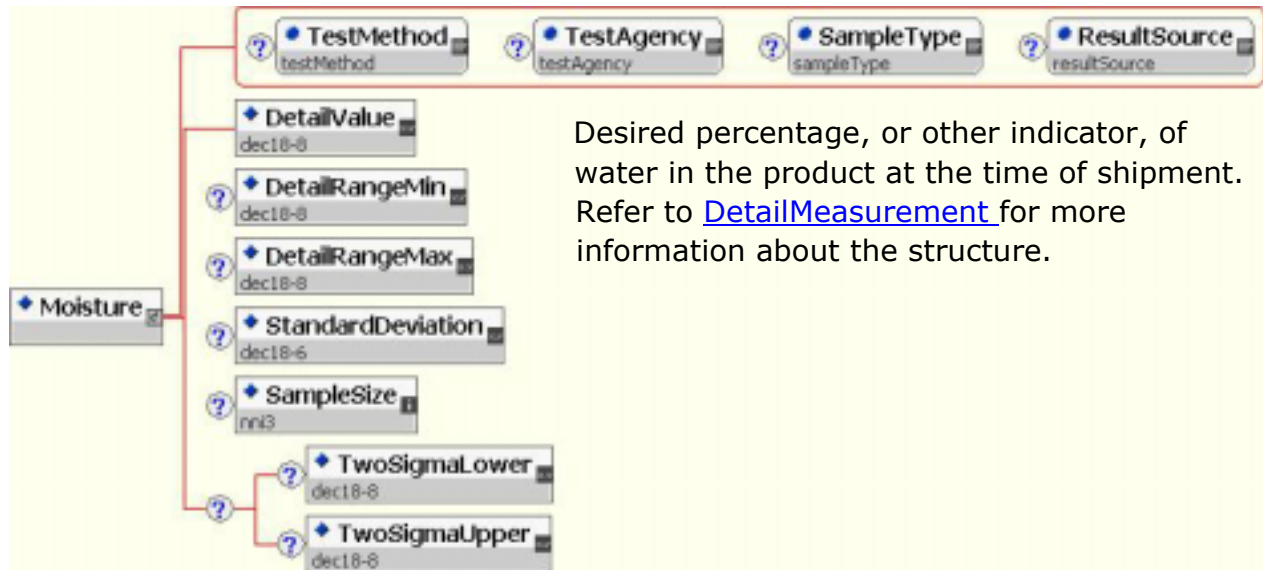


MobilePhone

The mobile phone number of the individual associated with the ContactName.



Moisture



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](#)

MonetaryAdjustment contains the following elements:

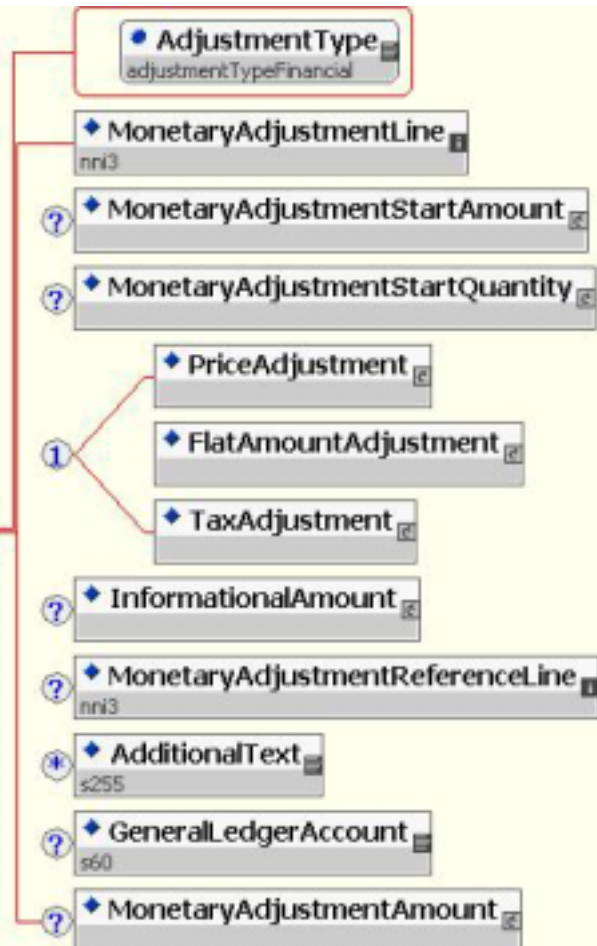
- [MonetaryAdjustmentLine](#)
- [MonetaryAdjustmentStartAmount](#)
- [MonetaryAdjustmentStartQuantity](#)

A choice of one of the following:

- [PriceAdjustment](#)
- [FlatAmountAdjustment](#)
- [TaxAdjustment](#)

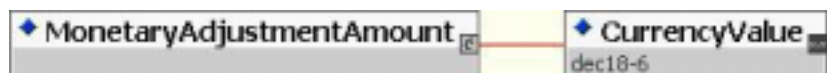
And then the following elements:

- [InformationalAmount](#)
- [MonetaryAdjustmentReferenceLine](#)
- [AdditionalText](#)
- [GeneralLedgerAccount](#)
- [MonetaryAdjustmentAmount](#)



MonetaryAdjustmentAmount

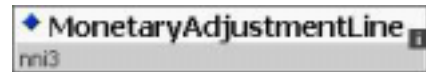
The actual amount of the monetary adjustment.



MonetaryAdjustmentAmount encapsulates the [CurrencyValue](#) attribute.

MonetaryAdjustmentLine

A sequence number indicating the order of printing or the sequence in which a group of adjustments are to be considered.



MonetaryAdjustmentReferenceLine

A link to a previously defined MonetaryAdjustmentLine upon which this adjustment is based.



MonetaryAdjustmentStartAmount

The beginning currency amount used in the calculation of a monetary adjustment.

MonetaryAdjustmentStartAmount

encapsulates the [CurrencyValue](#) element.

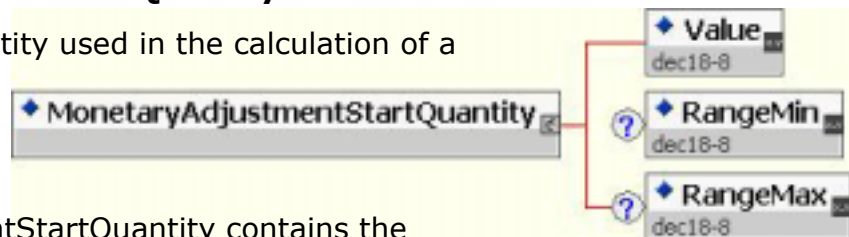


MonetaryAdjustmentStartQuantity

The beginning quantity used in the calculation of a monetary adjustment.

MonetaryAdjustmentStartQuantity contains the following elements:

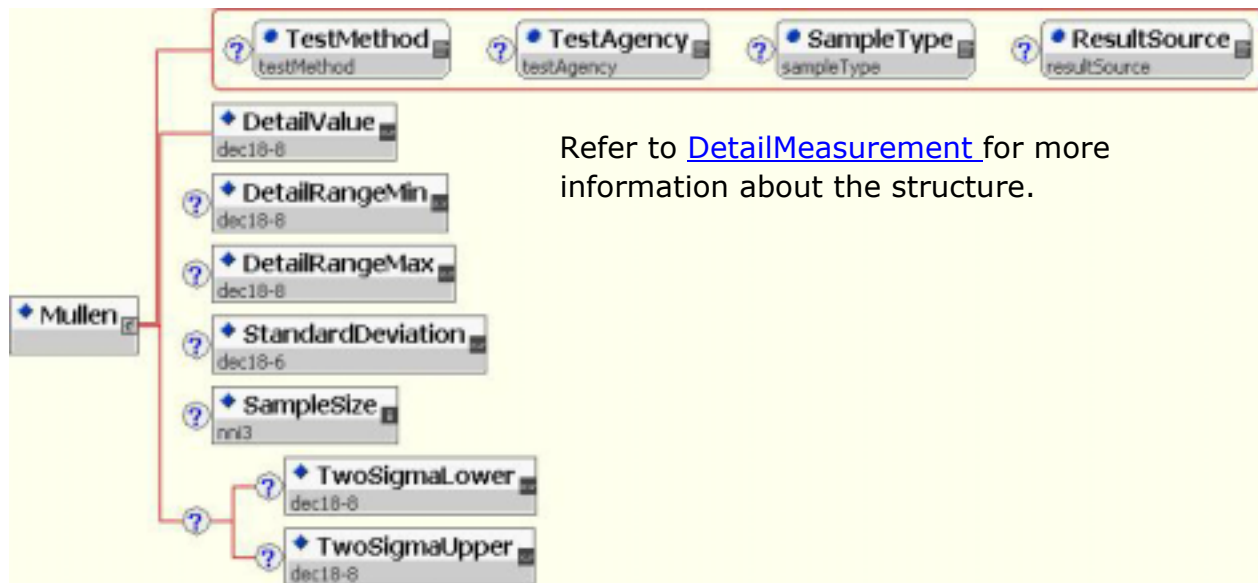
- [Value](#)
- [RangeMin](#)
- [RangeMax](#)



Month

Identifies the month number when communicating a calendar date.

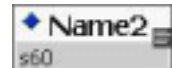


Mullen**Name1**

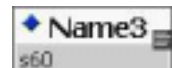
The primary-level name of an organisation or business entity (for example, company name).

**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

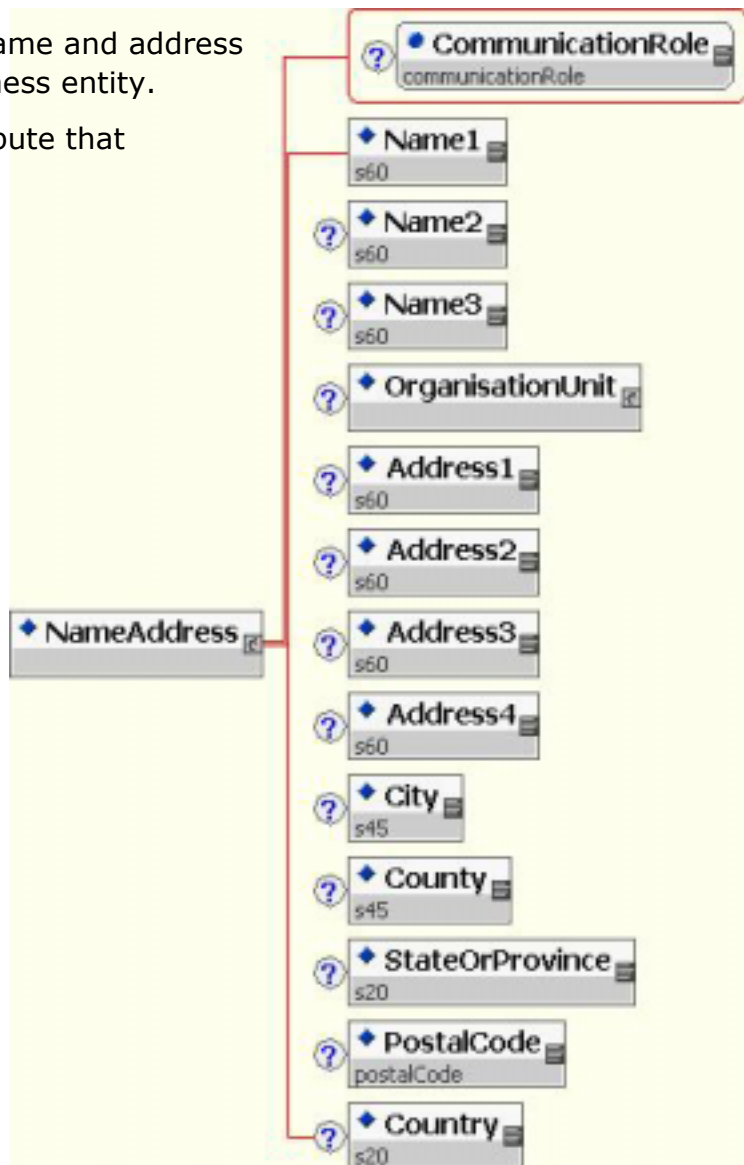
A group item containing name and address of an organisation or business entity.

NameAddress has an attribute that indicates the role:

- [CommunicationRole](#)

the following elements:

- [Name1](#)
- [Name2](#)
- [Name3](#)
- [OrganisationUnit](#)
- [Address1](#)
- [Address2](#)
- [Address3](#)
- [Address4](#)
- [City](#)
- [County](#)
- [StateOrProvince](#)
- [PostalCode](#)
- [Country](#)



NetChargeAmount

A field containing the sum of all instances of the Complaint charges.

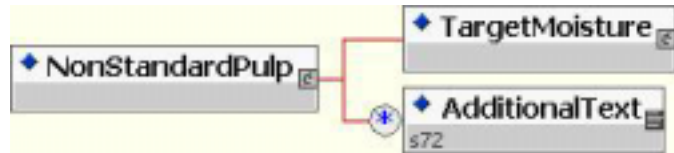
papiNet Standard – Version 2.10

NonStandardPulp

NumberOfInventoryChangeLineItem

NonStandardPulp

The characteristics of the form that pulp in a non-standard presentation takes.



NonStandardPulp contains the following elements:

- [TargetMoisture](#)
- [AdditionalText](#)

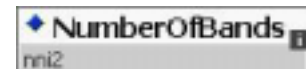
NumberOfAttachments

NumberOfAttachments indicates the number of attachments enclosed in the message



NumberOfBands

The number of bands to be applied to the package.



NumberOfComplaintLineItemDetail

The number of ComplaintLineItemDetail elements for a given ComplaintLineItem (Example: the number of reels in a ComplaintLineItem)



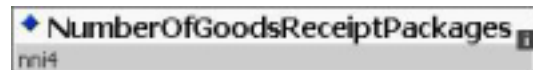
NumberOfComplaintResponseLineItemDetail

The number of ComplaintResponseLineItemDetail elements for a given ComplaintLineItem



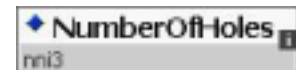
NumberOfGoodsReceiptPackages

A count of the number of packages detailed in the GoodsReceiptLineItem.



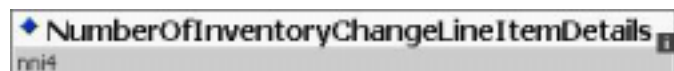
NumberOfHoles

The number of holes punched in a sheet of paper.



NumberOfInventoryChangeLineItemDetails

The number of InventoryChangeLineItemDetail elements included in the message.



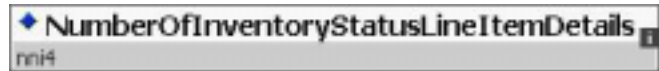
papiNet Standard – Version 2.10

NumberOfInventoryStatusLineItemD

OldInformationalQuantity

NumberOfInventoryStatusLineItemDetails

The number of InventoryStatusLineItemDetail elements included in the message



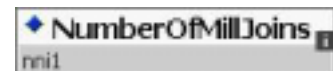
NumberOfLabels

The number of labels to be placed on the package.



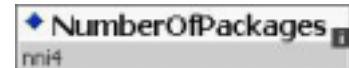
NumberOfMillJoins

The number of joins in the reel.



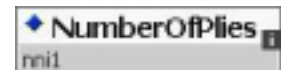
NumberOfPackages

The number of packages in the delivery.



NumberOfPlies

The number of layers of paper product joined together to make the final saleable product.

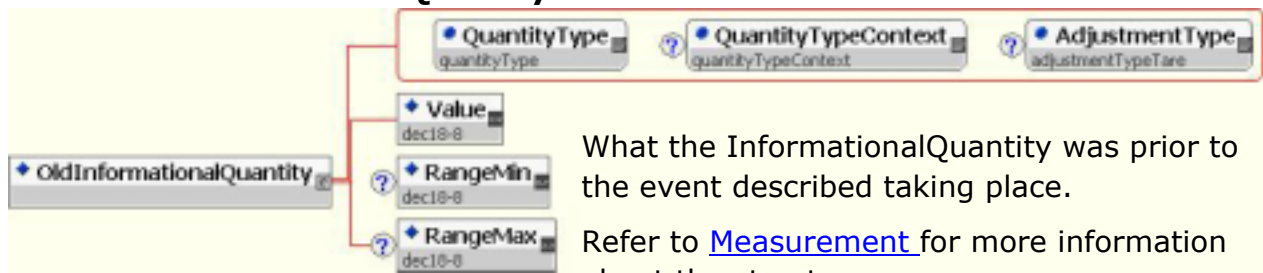


NumberOfWraps

The number of turns of wrapping material to be applied to the package.



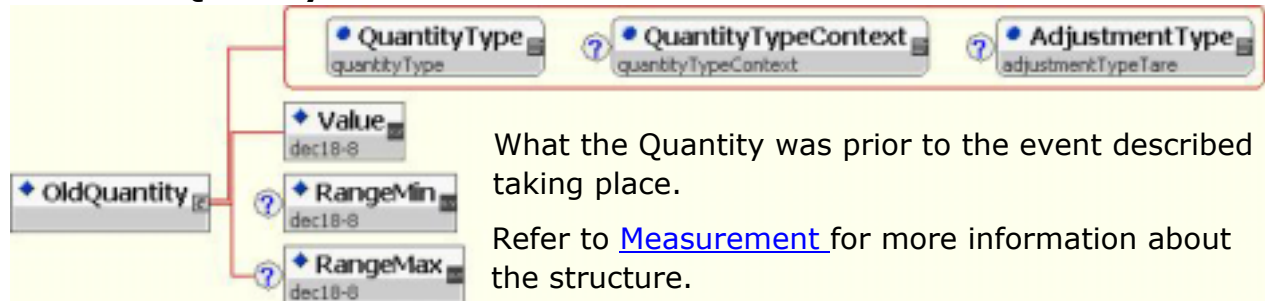
OldInformationalQuantity



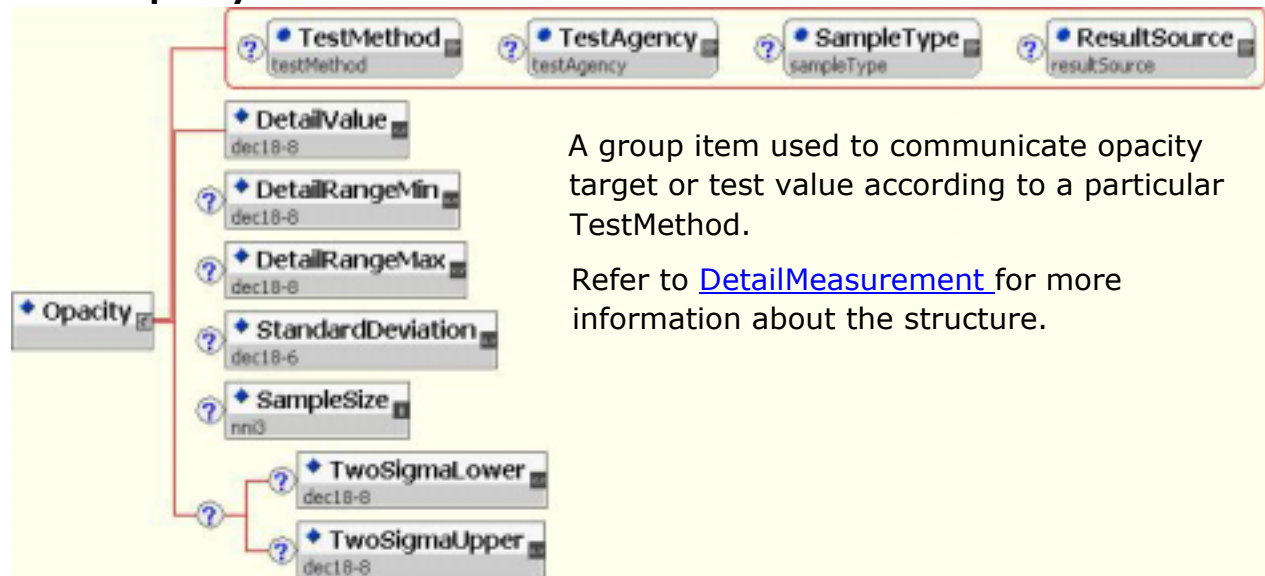
What the InformationalQuantity was prior to the event described taking place.

Refer to [Measurement](#) for more information about the structure.

OldQuantity



Opacity



OrderConfirmation Root



The OrderConfirmation document contains the following attributes:

- [OrderConfirmationStatusType](#)
 - ✧ Accepted
 - ✧ Amended
 - ✧ Cancelled
 - ✧ Rejected
- [Reissued](#) a required attribute that indicates whether the document is an original or a copy. When this attribute is omitted the document is not a copy – it is an original.
 - ✧ Yes
 - ✧ No
- [Language](#), optional defaults to “eng” (English)
 - ✧ Indicates the language for the content of the message.

OrderConfirmation contains the following elements:

- [OrderConfirmationHeader](#)
- [OrderConfirmationLineItem](#)
- [MonetaryAdjustment](#)
- [OrderConfirmationSummary](#)

OrderConfirmationHeader

Required, single instance

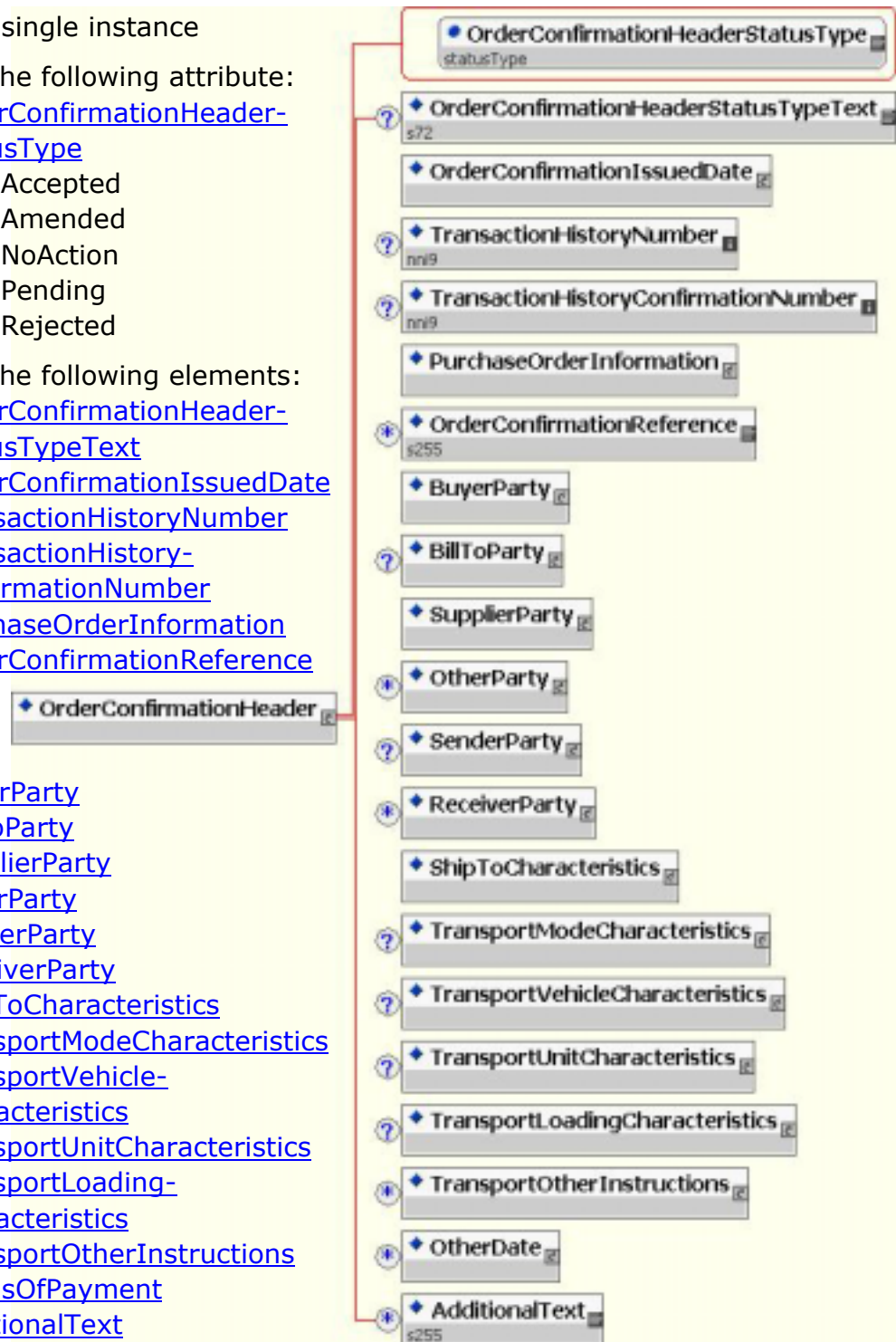
Contains the following attribute:

- [OrderConfirmationHeader-StatusType](#)
 - ✧ Accepted
 - ✧ Amended
 - ✧ NoAction
 - ✧ Pending
 - ✧ Rejected

Contains the following elements:

- [OrderConfirmationHeader-StatusTypeText](#)
- [OrderConfirmationIssuedDate](#)
- [TransactionHistoryNumber](#)
- [TransactionHistory-ConfirmationNumber](#)
- [PurchaseOrderInformation](#)
- [OrderConfirmationReference](#)

- [BuyerParty](#)
- [BillToParty](#)
- [SupplierParty](#)
- [OtherParty](#)
- [SenderParty](#)
- [ReceiverParty](#)
- [ShipToCharacteristics](#)
- [TransportModeCharacteristics](#)
- [TransportVehicle-Characteristics](#)
- [TransportUnitCharacteristics](#)
- [TransportLoading-Characteristics](#)
- [TransportOtherInstructions](#)
- [TermsOfPayment](#)
- [AdditionalText](#)



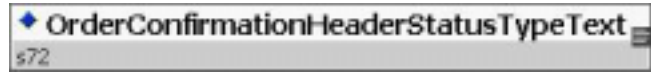
papiNet Standard – Version 2.10

OrderConfirmationHeaderStatusType

OrderConfirmationIssuedDate

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 order confirmation was issued.



OrderConfirmationLineItem

Required, multiple instances

OrderConfirmationLineItem contains the following attribute:

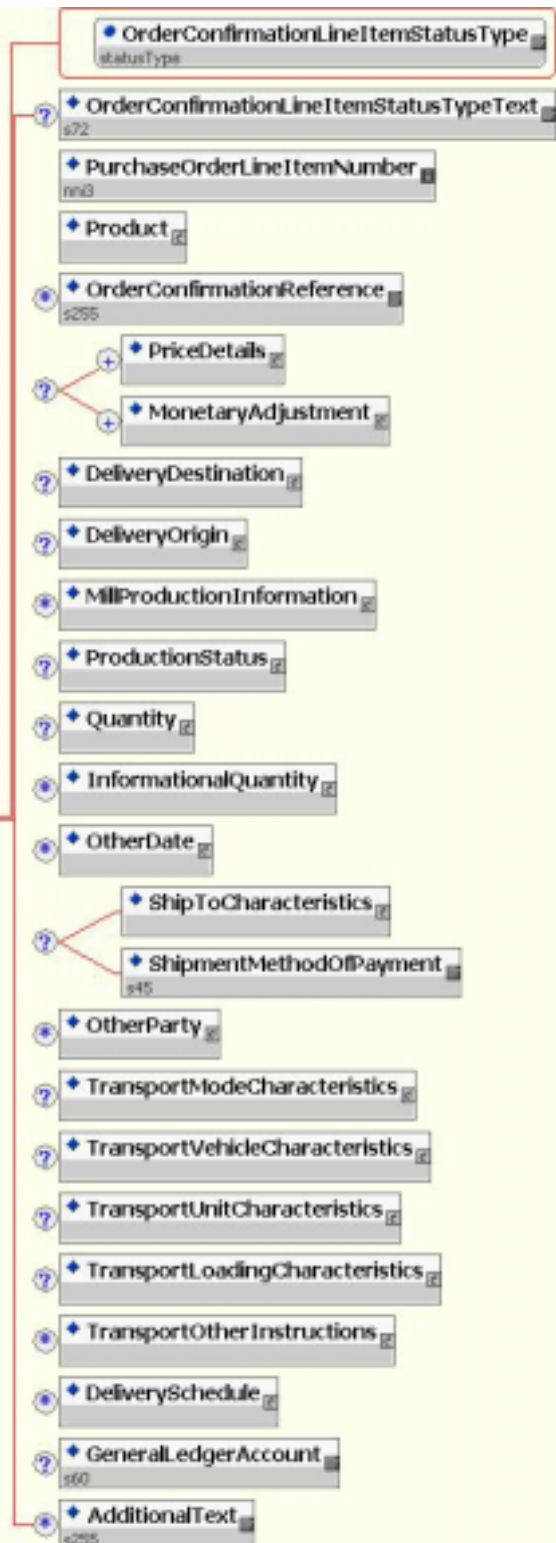
- [OrderConfirmation-LineItemStatusType](#)

OrderConfirmationLineItem contains the following elements:

- [OrderConfirmation-LineItemStatusTypeText](#)
- [PurchaseOrderLineItemNumber](#)
- [Product](#)
- [OrderConfirmationReference](#)
- [PriceDetails](#)
- [MonetaryAdjustment](#)
- [DeliveryDestination](#)
- [DeliveryOrigin](#)
- [MillProductionInformation](#)
- [ProductionStatus](#)
- [Quantity](#)



- [InformationalQuantity](#)
- [OtherDate](#)
- [ShipToCharacteristics](#)
- [ShipmentMethodOfPayment](#)
- [OtherParty](#)
- [TransportModeCharacteristics](#)
- [TransportVehicleCharacteristics](#)
- [TransportUnitCharacteristics](#)
- [TransportLoadingCharacteristics](#)
- [TransportOtherInstructions](#)
- [DeliverySchedule](#)
- [GeneralLedgerAccount](#)
- [AdditionalText](#)



OrderConfirmationLineItem

A group item containing information that relates to a line on the order confirmation.

OrderConfirmationLineItem contains the following attribute:

- [OrderConfirmationLineItemStatusType](#)

OrderConfirmationLineItem contains the following elements:

- [OrderConfirmation-LineItemStatusTypeText](#)
- [PurchaseOrderLineItemNumber](#)
- [Product](#)
- [OrderConfirmationReference](#)
- [PriceDetails](#)
- [MonetaryAdjustment](#)
- [DeliveryDestination](#)
- [DeliveryOrigin](#)
- [MillProductionInformation](#)
- [ProductionStatus](#)
- [Quantity](#)
- [InformationalQuantity](#)
- [ShipToCharacteristics](#)
- [ShipmentMethodOfPayment](#)
- [OtherParty](#)
- [TransportModeCharacteristics](#)
- [TransportVehicleCharacteristics](#)
- [TransportUnitCharacteristics](#)
- [TransportLoadingCharacteristics](#)
- [TransportOtherInstructions](#)
- [DeliverySchedule](#)
- [GeneralLedgerAccount](#)
- [AdditionalText](#)



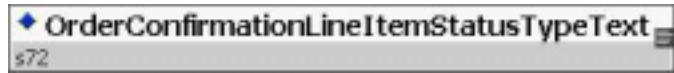
papiNet Standard – Version 2.10

OrderConfirmationLineItemStatusTy

OrderConfirmationReference

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.

OrderConfirmationReference



A group item detailing relevant references pertaining to the order confirmation. Typically, the ContractNumber is referenced.

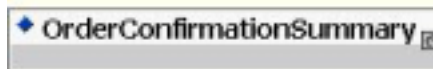
[OrderConfirmationReferenceType](#) provides the identification of what the reference represents.

OrderConfirmationSummary

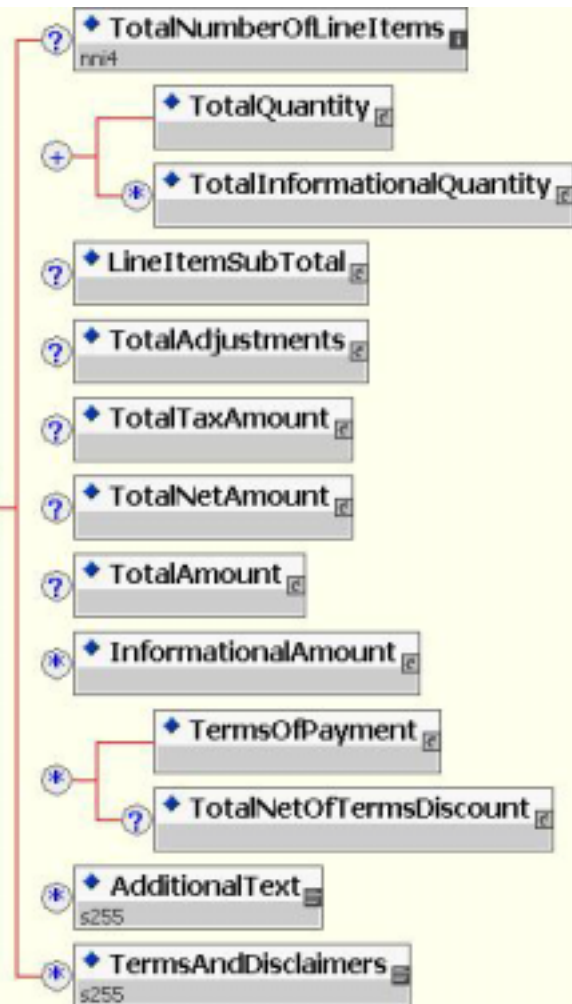
OrderConfirmationSummary is a required, single instance element

Contains the following:

- [TotalNumberOfLineItems](#)
- [TotalQuantity](#)
- [TotalInformationalQuantity](#)
- [LineItemSubTotal](#)
- [TotalAdjustments](#)
- [TotalTaxAmount](#)
- [TotalNetAmount](#)
- [TotalAmount](#)



- [InformationalAmount](#)
- [TermsOfPayment](#)
- [TotalNetOfTermsDiscount](#)
- [AdditionalText](#)
- [TermsAndDisclaimers](#)



OrderPrimaryStatus

An element that contains the highest level status code pertaining to an entire order.



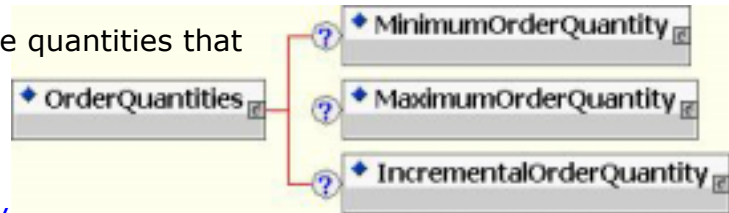
OrderPrimaryStatus contains the attribute [OrderStatusCode](#).

OrderQuantities

An element that contains the quantities that can be used for ordering.

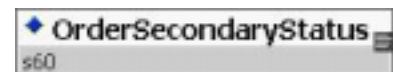
OrderQuantities contains the following elements:

- [MinimumOrderQuantity](#)
- [MaximumOrderQuantity](#)
- [IncrementalOrderQuantity](#)

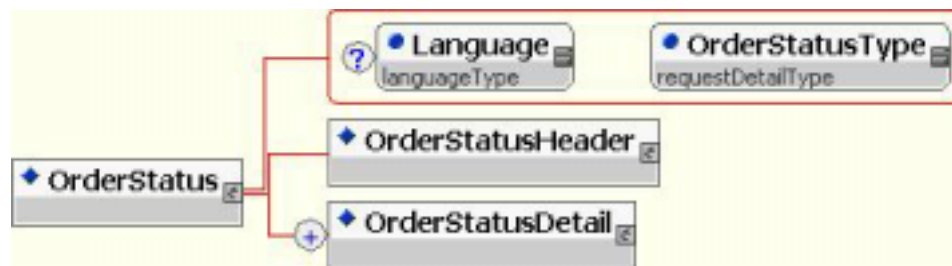


OrderSecondaryStatus

An element that contains a secondary status description pertaining to the entire order.



OrderStatus



The OrderStatus contains these attributes

An attribute to communicate the Language

- [Language](#), optional defaults to "eng" (English)
 - ✧ Indicates the language for the content of the message.
- [OrderStatusType](#)
 - ✧ ByProduct
 - ✧ ByPurchaseOrder
 - ✧ BySupplierOrderNumber

The OrderStatus contains these elements:

- [OrderStatusHeader](#)
- [OrderStatusDetail](#)

OrderStatusDetail

The OrderStatusDetail is a required, multiple instance element that contains the following elements:

- [PurchaseOrderInformation](#)
- [PurchaseOrderLineItemNumber](#)
- [SupplierOrderNumber](#)
- [SupplierOrderLineItemNumber](#)
- [LocationParty](#)
- [Product](#)
- [SupplierParty](#)
- [BuyerParty](#)
- [ShipToParty](#)
- [EndUserParty](#)
- [ForwarderParty](#)
- [MerchantParty](#)
- [SalesOfficeParty](#)
- [LocationParty](#)
- [OtherParty](#)

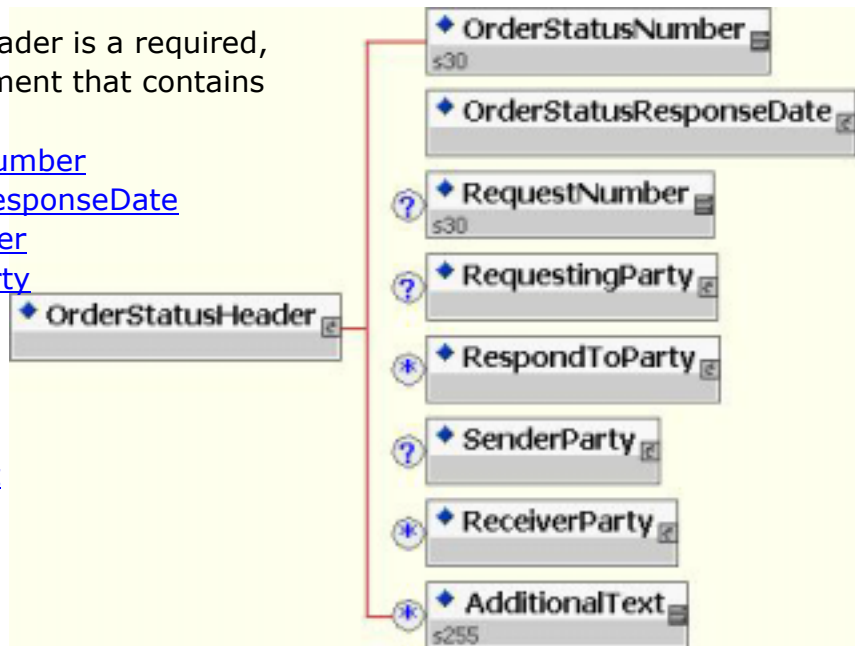
- [OrderStatusInformation](#)
- [Quantity](#)
 - ✧ originally ordered
- [InformationalQuantity](#)
- [LastDateOfChange](#)
- [DeliveryDateWindow](#)
- [OtherDate](#)
- [ShipmentDetails](#)
- [PurchaseOrderReference](#)
- [AdditionalText](#)



OrderStatusHeader

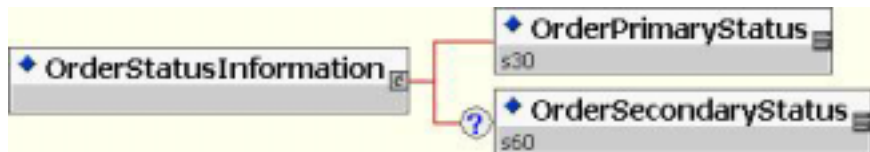
The OrderStatusHeader is a required, single instance element that contains these elements:

- [OrderStatusNumber](#)
- [OrderStatusResponseDate](#)
- [RequestNumber](#)
- [RequestingParty](#)
- [RespondTo-Party](#)
- [SenderParty](#)
- [ReceiverParty](#)
- [AdditionalText](#)



OrderStatusInformation

A group element that stores two levels of Order status codes.

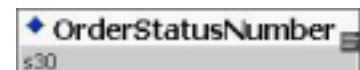


OrderStatusInformation contains the following elements:

- [OrderPrimaryStatus](#)
- [OrderSecondaryStatus](#)

OrderStatusNumber

A number used to identify the Order Status report.



OrderStatusRequestDetail

The element that contains the details associated with the Order Status Request message.

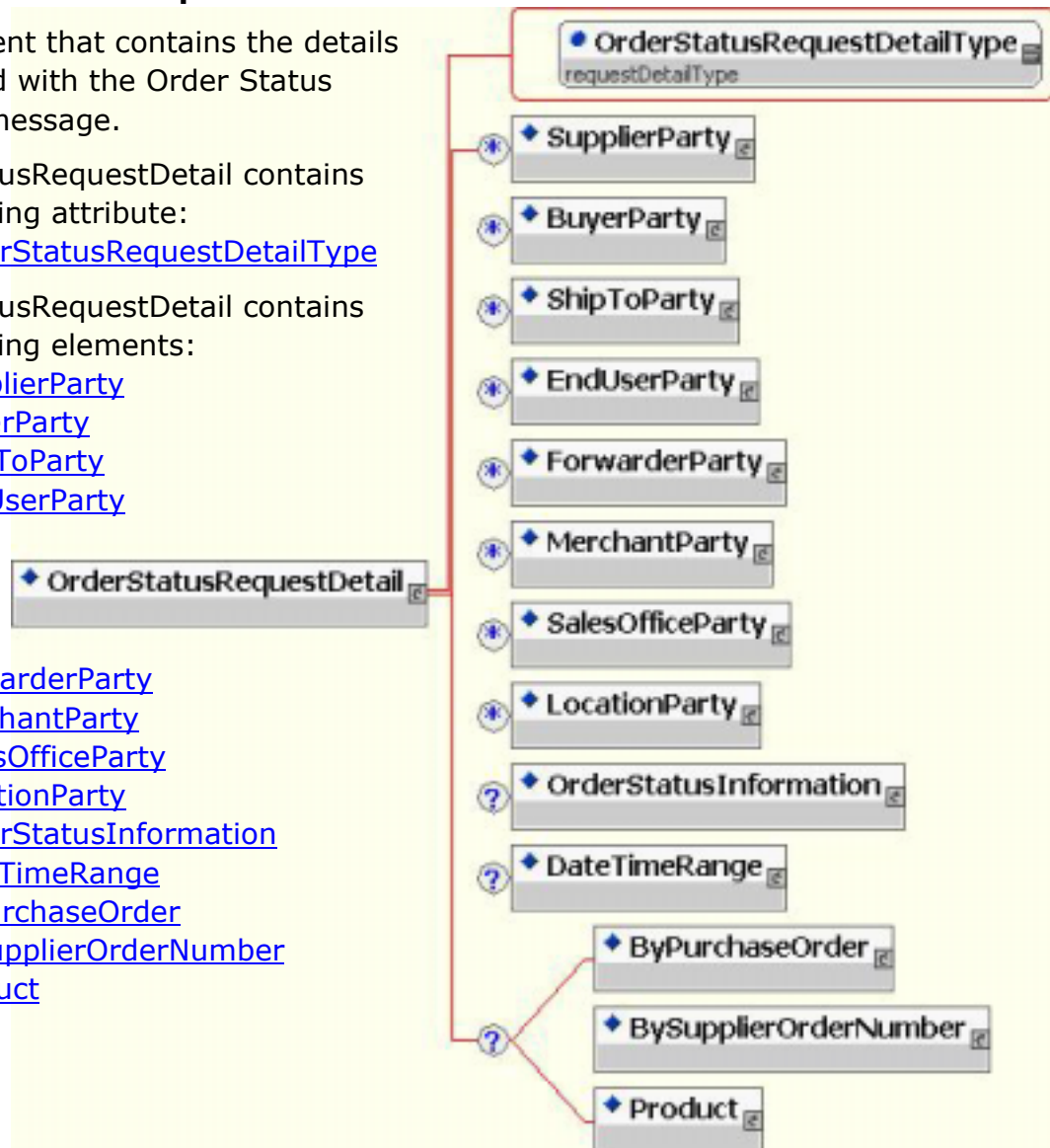
OrderStatusRequestDetail contains the following attribute:

- [OrderStatusRequestDetailType](#)

OrderStatusRequestDetail contains the following elements:

- [SupplierParty](#)
- [BuyerParty](#)
- [ShipToParty](#)
- [EndUserParty](#)

- [ForwarderParty](#)
- [MerchantParty](#)
- [SalesOfficeParty](#)
- [LocationParty](#)
- [OrderStatusInformation](#)
- [DateTimeRange](#)
- [ByPurchaseOrder](#)
- [BySupplierOrderNumber](#)
- [Product](#)



OrderStatusResponseDate

The [Date](#) and [Time](#) that the OrderStatus message was created.

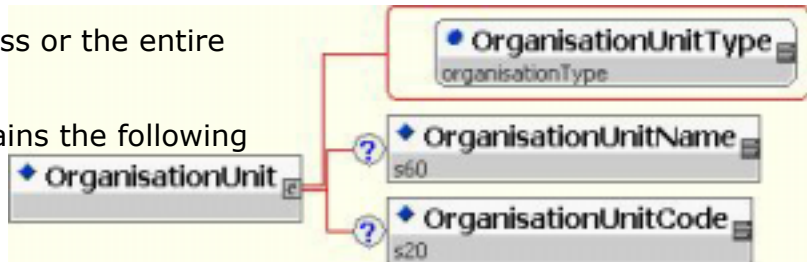


OrganisationUnit

A segment of a business or the entire business.

OrganisationUnit contains the following attribute:

- [OrganisationUnit-Type](#)

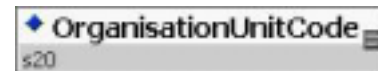


OrganisationUnit contains the following elements:

- [OrganisationUnitName](#)
- [OrganisationUnitCode](#)

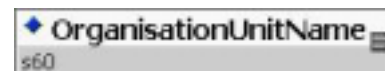
OrganisationUnitCode

A short representation for the organisation unit.



OrganisationUnitName

A description of the organisation unit.



OtherDate

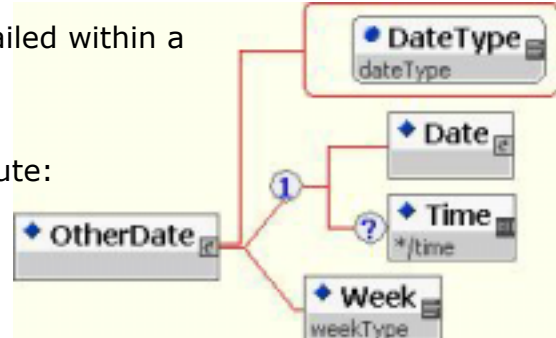
A date that may not be specifically detailed within a message (example: print date at the PurchaseOrderLineItem).

OtherDate contains the following attribute:

- [DateType](#)

OtherDate contains the following elements:

- [Date](#)
- [Time](#)
- [Week](#)

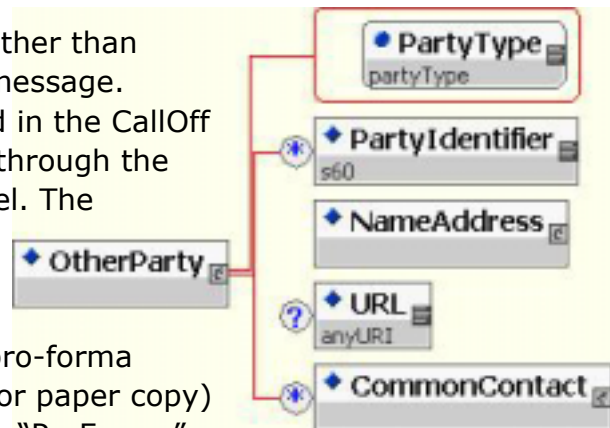


A choice of Date/Time or Week is allowed.

OtherParty

An organisation or business entity other than those specifically detailed within a message.

- CallOff - If a carrier is specified in the CallOff message, this should be done through the CarrierParty on the header level. The PartyType "Carrier" should not be used.
- Invoice - The seller may generate multiple copies of a pro-forma invoice and a copy (electronic or paper copy) sent to the OtherParty that has "ProForma" assigned to the PartyType attribute.



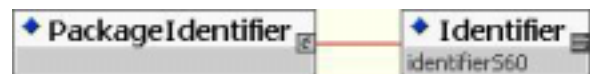
OtherParty contains the [PartyType](#) attribute.

OtherParty contains the following elements:

- [PartyIdentifier](#)
- [NameAddress](#)
- [URL](#)
- [CommonContact](#)
 - ✧ Refer to [Party](#) for additional information

PackageIdentifier

The identifier of the product (such as reel ID or pallet ID) that is used along with the PurchaseOrderLineNumber to call off the product.

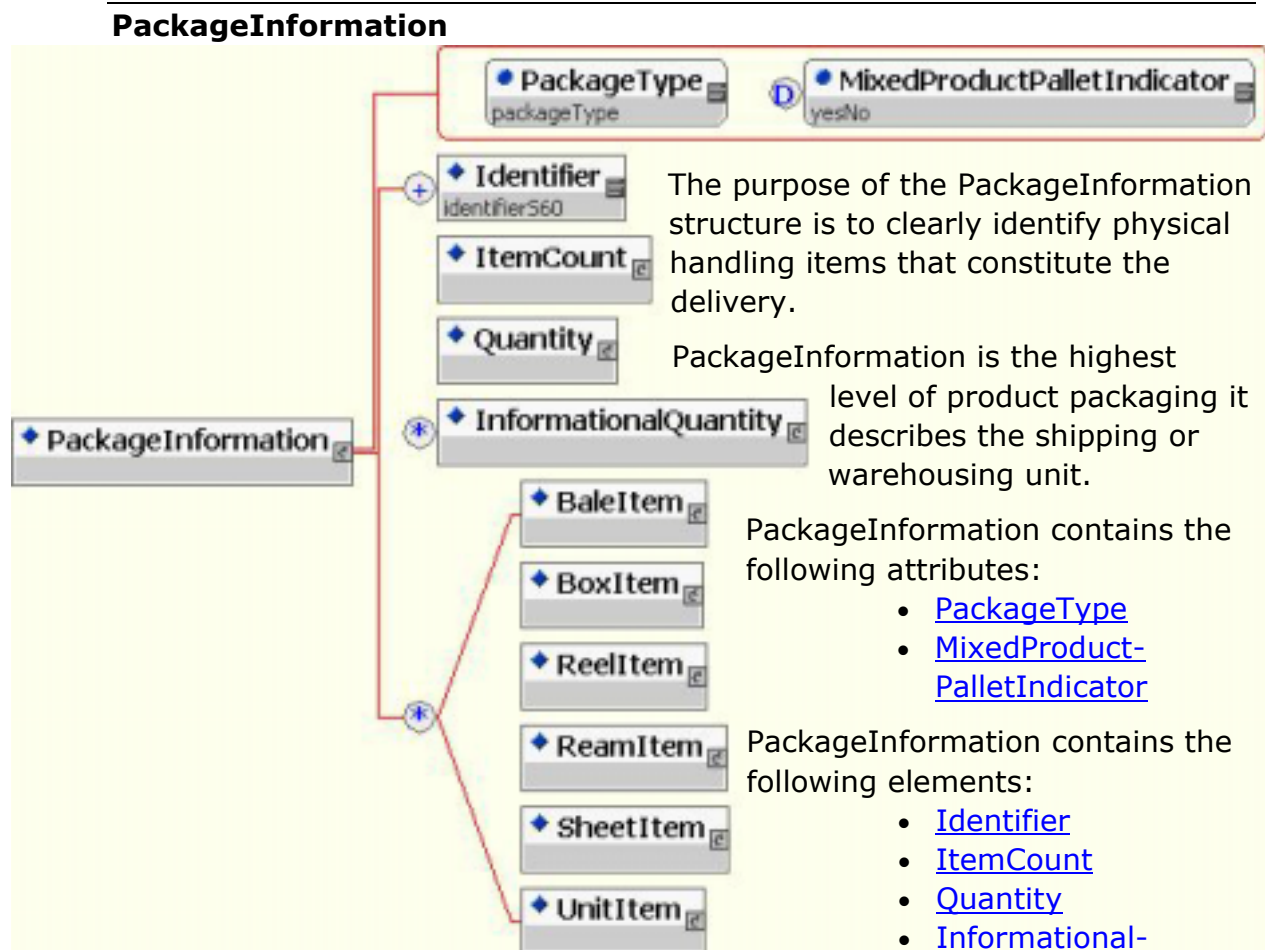


PackageIdentifier encapsulate the [Identifier](#) element.

papiNet Standard – Version 2.10

PackageInformation

PackageInformation



- [Quantity](#)
- [BaleItem](#)
- [BoxItem](#)
- [ReelItem](#)
- [ReamItem](#)
- [SheetItem](#)
- [UnitItem](#)

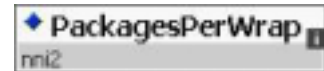
Each package, or handling unit, may be composed of further packages or items, for example, Pallets are composed of Boxes. This relationship is supported by the PackageInformation structure.

Note that use of further levels in the PackageInformation structure, that is Box, etc., is only required if:

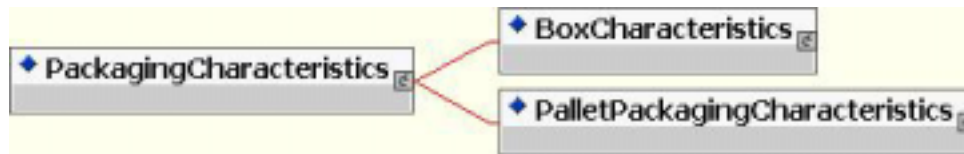
- the components of the package themselves carry identifiers and this information is required for updating inventory systems
- detailed characteristics of the item may also be sent in the message

PackagesPerWrap

The number of packages wrapped together.



PackagingCharacteristics



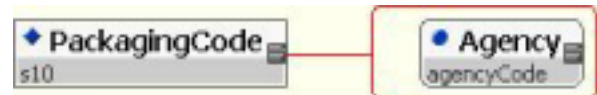
An element containing carton or pallet packing information. PackagingCharacteristics can either have the BoxCharacteristics or PalletPackagingCharacteristics element not both.

PackagingCharacteristics contains the following elements:

- BoxCharacteristics
- PalletPackagingCharacteristics

PackagingCode

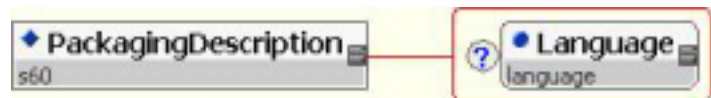
PackagingCode is a code describing the packaging of the product.



PackagingCode contains the [Agency](#) attribute.

PackagingDescription

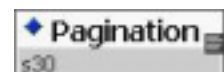
A text field element describing the packaging of a product.



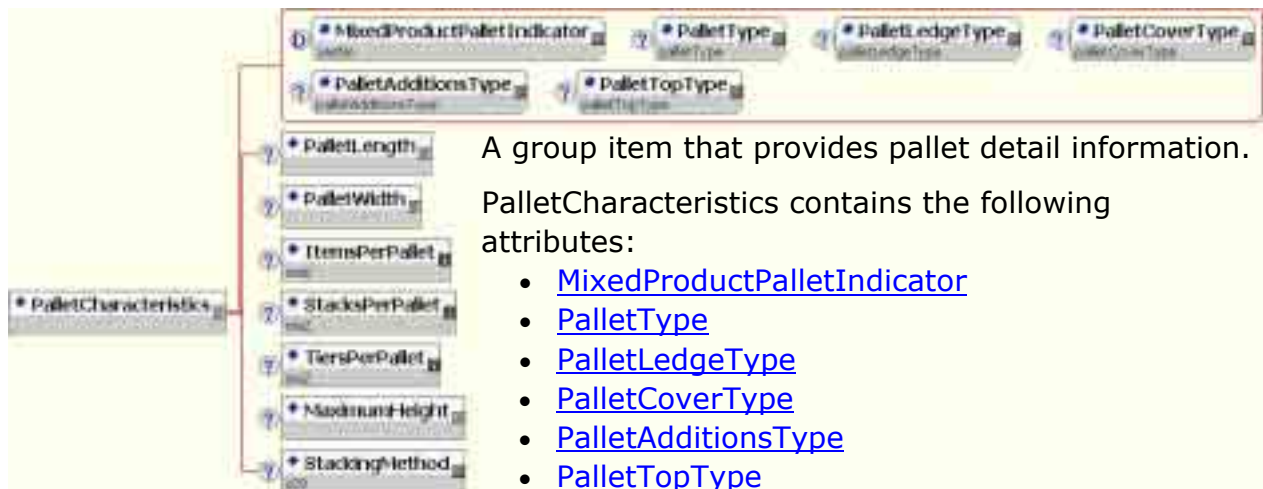
PackagingDescription contains the [Language](#) attribute.

Pagination

Number of pages that make up a book.



PalletCharacteristics



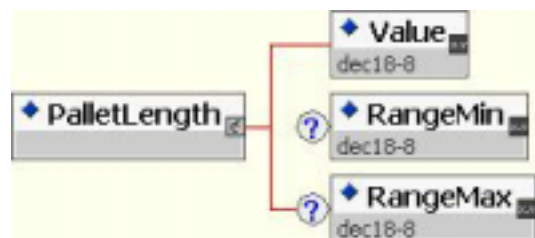
PalletCharacteristics contains the following elements:

- [PalletLength](#)
- [PalletWidth](#)
- [ItemsPerPallet](#)
- [StacksPerPallet](#)
- [TiersPerPallet](#)
- [MaximumHeight](#)
- [StackingMethod](#)

PalletLength

The measurement value of the length of the pallet.

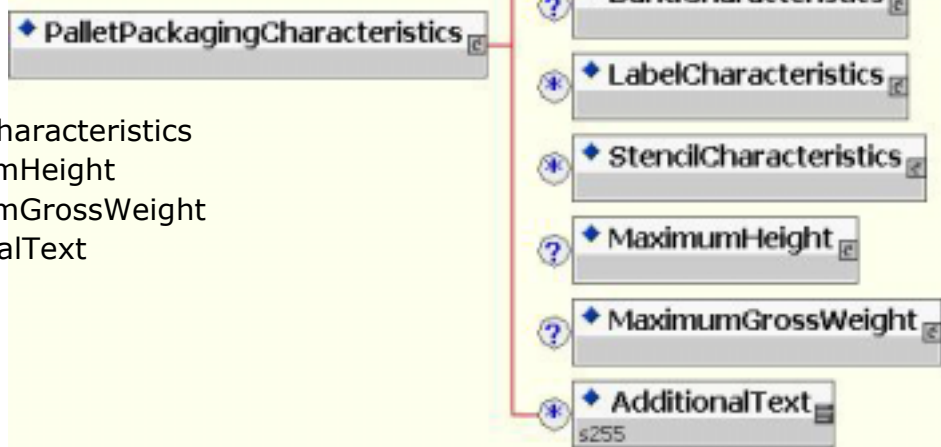
Refer to [Measurement](#) for more information about the structure.



PalletPackagingCharacteristics

PalletPackagingCharacteristics details the characteristics of the packaging for a pallet. It contains the following elements:

- PackagingCode
- PackagingDescription
- WrapCharacteristics
- PalletCharacteristics
- BandCharacteristics
- LabelCharacteristics

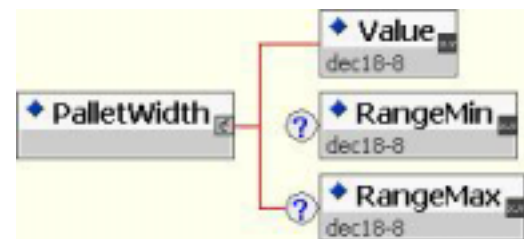


- StencilCharacteristics
- MaximumHeight
- MaximumGrossWeight
- AdditionalText

PalletWidth

The measurement value of the width of the pallet.

Refer to [Measurement](#) for more information about the structure.

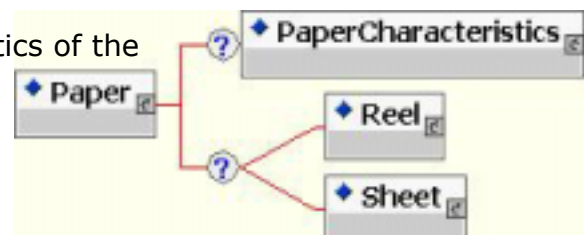


Paper

A group item defining the characteristics of the paper product.

Paper has the following elements:

- [PaperCharacteristics](#)
- [Reel](#)
- [Sheet](#)



PaperCharacteristics (Part 1)

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.

PaperCharacteristics has the following attributes:

- [CoatingTop](#)
- [CoatingBottom](#)
- [FinishType](#)
- [PrintType](#)

PaperCharacteristics has the following elements:

- [Abrasion](#)
- [AbsorptionInk](#)
- [AbsorptionLight](#)
- [AbsorptionWater](#)
- [Ash](#)
- [BasisWeight](#)
- [BendingResistance](#)
- [BendingStiffness](#)
- [Brightness](#)
- [Bulk](#)
- [Burst](#)
- [BurstIndex](#)
- [Caliper](#)
- [CoatWeight](#)
- [ColourDetail](#)
- [Density](#)
- [Dirt](#)
- [DominantWavelength](#)
- [FibreLength](#)
- [Fibre-Classification](#)
- [Folding](#)
- [Formation](#)
- [Freeness](#)
- [Friction](#)
- [Gloss](#)
- [LightScattering](#)
- [Moisture](#)



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PaperCharacteristics (Part 2)

PaperSizeType

PaperCharacteristics (Part 2)

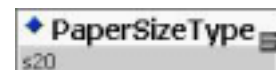
Overlapping the Moisture parameter.

- [Moisture](#)
- [Opacity](#)
- [Permeability](#)
- [pH](#)
- [PlyBond](#)
- [Porosity](#)
- [PostConsumerWaste](#)
- [PPI](#)
- [PreConsumerWaste](#)
- [Recycled](#)
- [Resistance](#)
- [RingCrush](#)
- [Roughness](#)
- [RunnabilityIndex](#)
- [Sizing](#)
- [Smoothness](#)
- [Stiffness](#)
- [Stretch](#)
- [SurfaceStrength](#)
- [TEA](#)
- [Tear](#)
- [TearIndex](#)
- [Tensile](#)
- [TensileIndex](#)
- [Whiteness](#)
- [AdditionalTest](#)
- [NumberOfPlies](#)
- [PlyAttributes](#)



PaperSizeType

A field that defines the sheet size using the DIN standard (DINA4, DINA3, and so on).



PartyIdentifier

PerTab

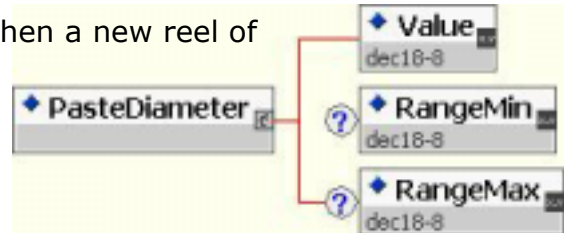
PartyIdentifier

A unique identifier of a specific party. This element contains an attribute [PartyIdentifierType](#) that indicates the type of party.



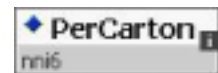
PasteDiameter

The diameter measurement of a reel when a new reel of paper is glued or pasted to it to continue running.

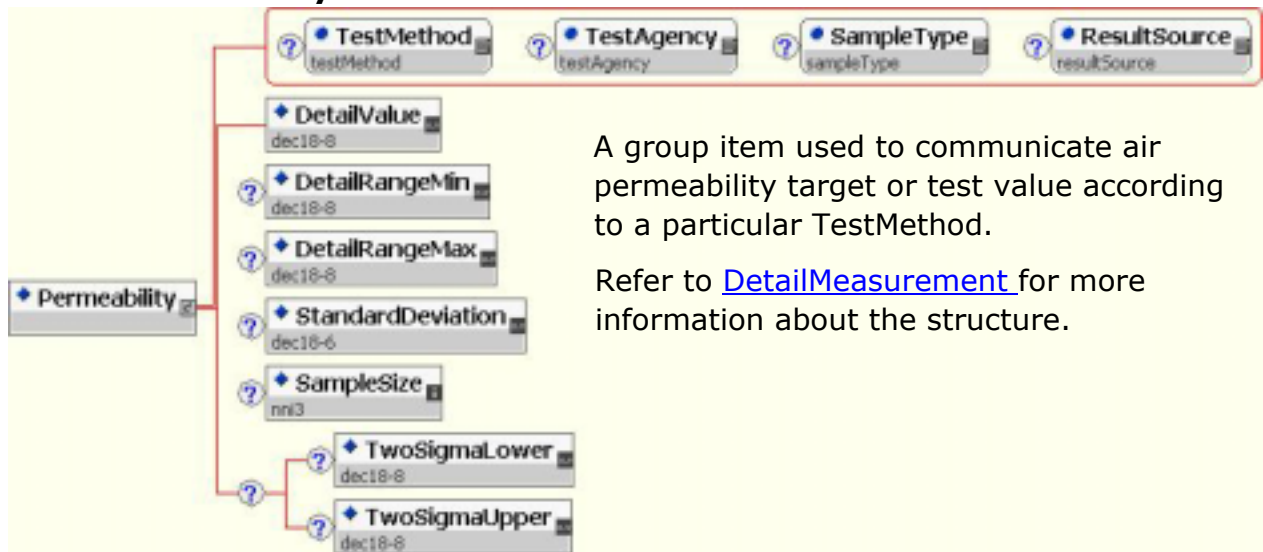


PerCarton

A field indicating the number of sheets per carton.



Permeability

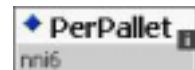


A group item used to communicate air permeability target or test value according to a particular TestMethod.

Refer to [DetailMeasurement](#) for more information about the structure.

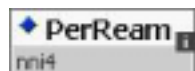
PerPallet

A field indicating the number of sheets on the pallet.



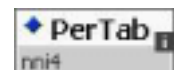
PerReam

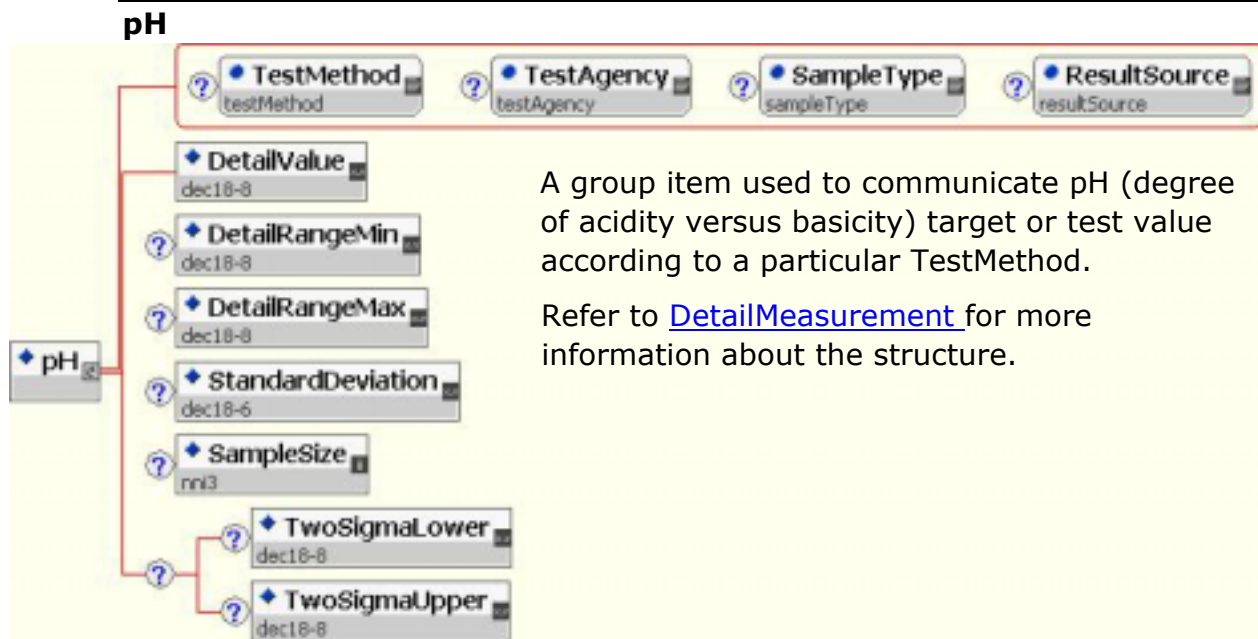
A field indicating the number of sheets per ream.



PerTab

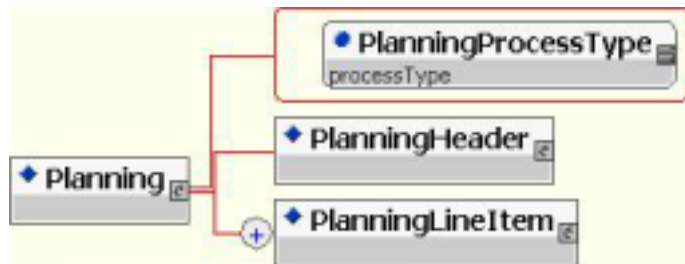
A field indicating the number of sheets per tab marking.





Planning Root

Planning does not have an attribute that indicates whether the document is an original or a copy. It does not matter how many times a Planning message is sent. Its purpose is to update the receiver's planning or forecasting system upon each transmission whether it is an original, revised, or reissued Planning message.



The Planning also contains the following attribute:

- PlanningProcessType
 - ✧ Consumption
 - ✧ DeliveryReceipt
 - ✧ Despatch
 - ✧ Inventory
 - ✧ Production
 - ✧ Sales

The Planning also contains the following elements:

- [PlanningHeader](#)
- [PlanningLineItem](#)

PlanningBucket

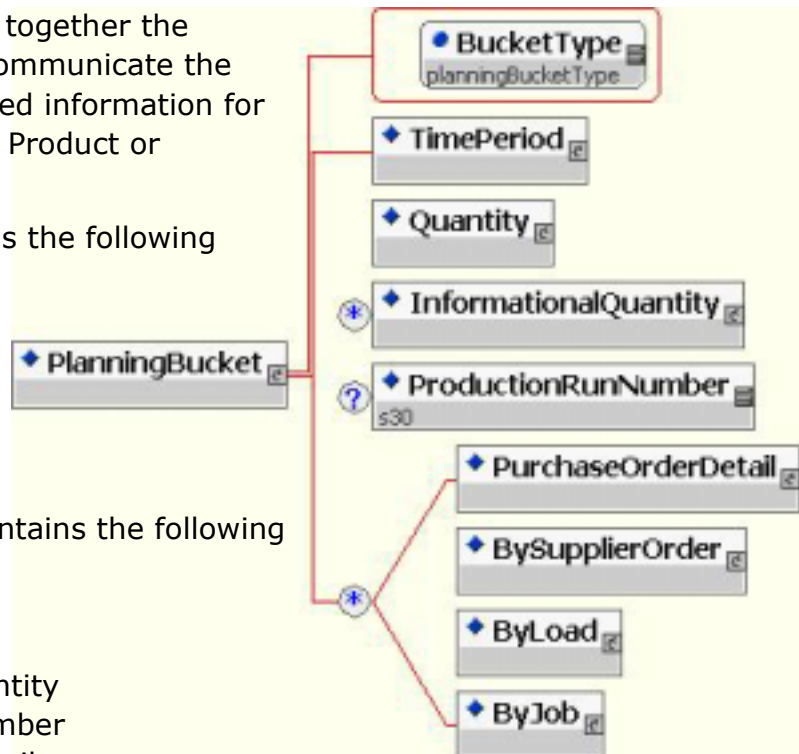
PlanningBucket groups together the elements required to communicate the time and quantity related information for the parent item (either Product or Downtime).

PlanningBucket contains the following attribute:

- BucketType
 - ◇ Actual
 - ◇ Budget
 - ◇ Demand
 - ◇ Forecast

PlanningBucket also contains the following elements:

- TimePeriod
- Quantity
- InformationalQuantity
- ProductionRunNumber
- PurchaseOrderDetail
- BySupplierOrder
- By Load
- ByJob

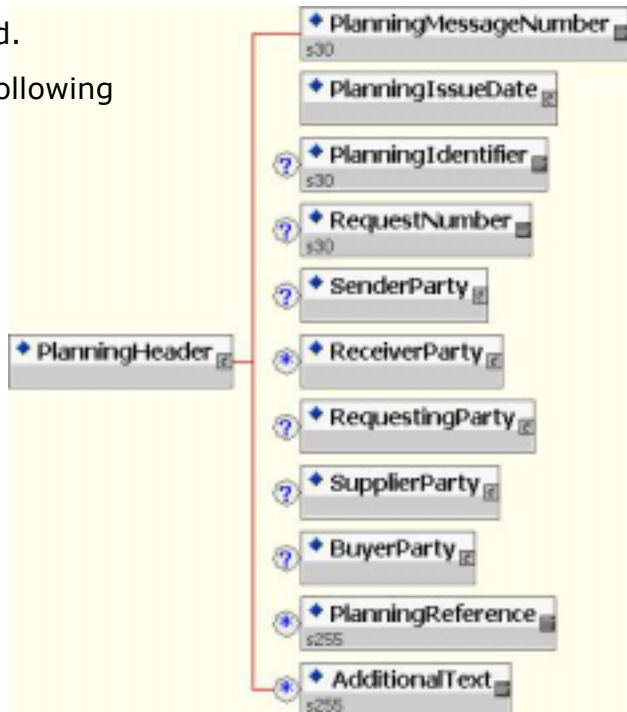


PlanningHeader

A single PlanningHeader is required.

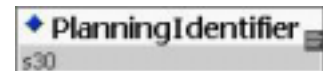
The PlanningHeader contains the following elements:

- [PlanningMessageNumber](#)
- [PlanningIssueDate](#)
- [PlanningIdentifier](#)
- [RequestNumber](#)
- [SenderParty](#)
- [ReceiverParty](#)
- [RequestingParty](#)
- [SupplierParty](#)
- [BuyerParty](#)
- [PlanningReference](#)
- [AdditionalText](#)



PlanningIdentifier

An identifier that communicates the scope or content of the planning message. This field is used to communicate which sub-set of planning information is being maintained.



PlanningIssueDate

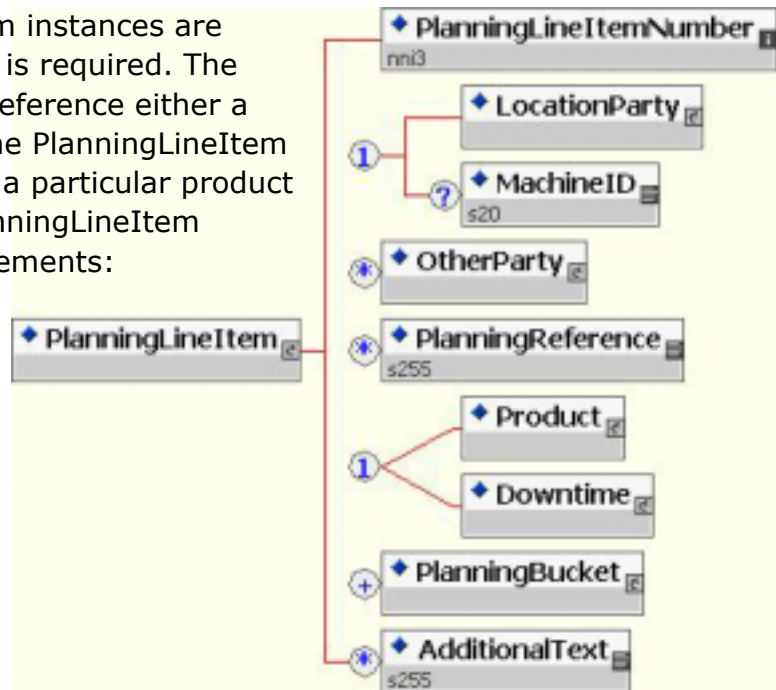
The date and time this version of the Planning data was issued.



PlanningLineItem

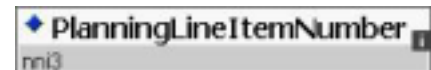
Multiple PlanningLineItem instances are allowed and at least one is required. The PlanningLineItem must reference either a Product or Downtime. The PlanningLineItem presents information for a particular product or downtime event. PlanningLineItem contains the following elements:

- [Planning-LineItemNumber](#)
- [LocationParty](#)
- [MachineID](#)
- [OtherParty](#)
- [PlanningReference](#)
- [Product](#)
- [Downtime](#)
- [PlanningBucket](#)
- [AdditionalText](#)



PlanningLineItemNumber

A sequential number that uniquely identifies the PlanningLineItemNumber.



PlanningMessageNumber

A unique identifier assigned to the Planning message assigned by the issuer that makes this Planning unique. Subsequent Planning messages with updates will use this same PlanningMessageNumber.



PlanningReference

An element detailing relevant references



pertaining to the Planning message. Allowed values for ReferenceType are:

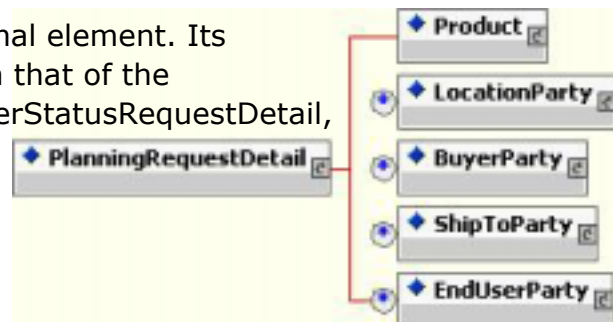
- ContractLineNumber
- ContractNumber
- CustomerJobNumber
- CustomerJobTitle
- CustomerReferenceNumber
- MillOrderNumber
- PurchaseOrderNumber
- PurchaseOrderLineItemNumber
- SupplierReferenceNumber
- SupplierVoyageNumber
- Other

PlanningRequestDetail

PlanningRequestDetail is a conditional element. Its existence is mutually exclusive with that of the InventoryStatusRequestDetail, OrderStatusRequestDetail, Availability, and ProductQuality.

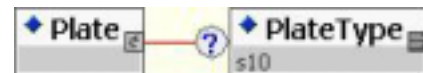
Elements may include

- [Product](#)
- [LocationParty](#)
- [BuyerParty](#)
- [ShipToParty](#)
- [EndUserParty](#)



Plate

The image carrying medium.



PlateType

The category of material used to carry an image to reproduce a print impress. (paper, metal, plastic, rubber)



PlyAttributes (Part 1)

The characteristics of the plies of paper or tissue.
Manufacturing data relevant to each ply that
constitutes the final product

- [PlyNumber](#)
- [Abrasion](#)
- [AbsorptionInk](#)
- [AbsorptionLight](#)
- [AbsorptionWater](#)
- [Ash](#)
- [BasisWeight](#)
- [BendingResistance](#)
- [BendingStiffness](#)
- [Brightness](#)
- [Bulk](#)
- [Burst](#)
- [BurstIndex](#)
- [Caliper](#)
- [CoatWeight](#)
- [ColourDetail](#)
- [Density](#)
- [Dirt](#)
- [DominantWavelength](#)
- [FibreLength](#)
- [FibreClassification](#)
- [Folding](#)
- [Formation](#)
- [Freeness](#)
- [Friction](#)
- [Gloss](#)
- [LightScattering](#)



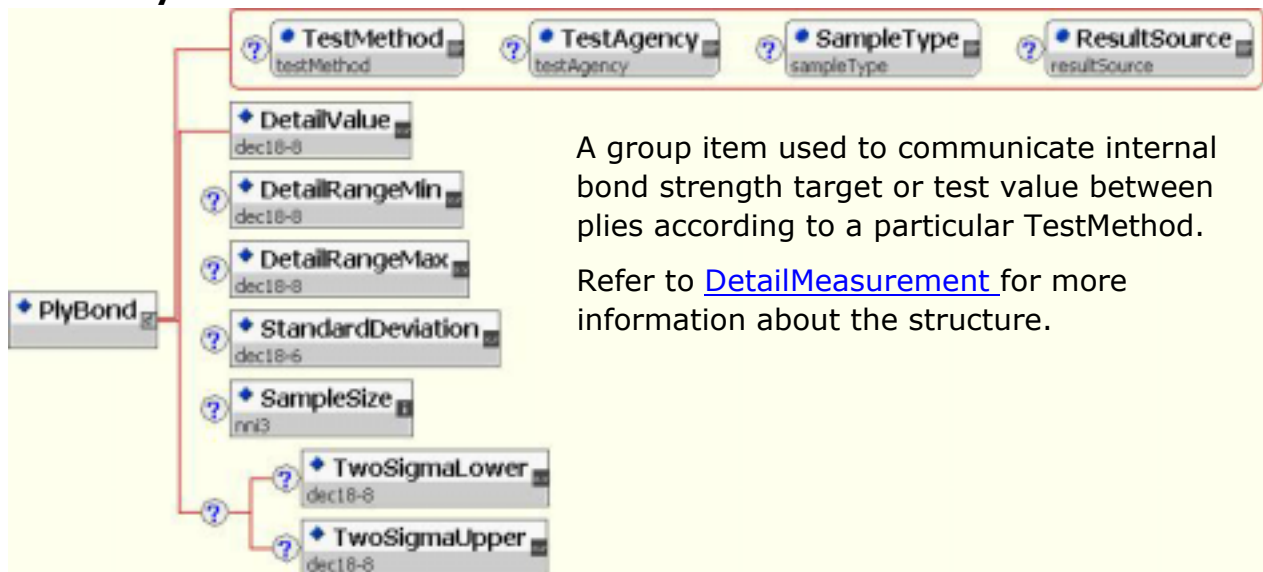
PlyAttributes (Part 2)

Overlapping the LightScattering element.

- [LightScattering](#)
- [Moisture](#)
- [Opacity](#)
- [Permeability](#)
- [pH](#)
- [PlyBond](#)
- [Porosity](#)
- [PostConsumerWaste](#)
- [PPI](#)
- [PreConsumerWaste](#)
- [Recycled](#)
- [Resistance](#)
- [RingCrush](#)
- [Roughness](#)
- [RunnabilityIndex](#)
- [Sizing](#)
- [Smoothness](#)
- [Stiffness](#)
- [Stretch](#)
- [SurfaceStrength](#)
- [TEA](#)
- [Tear](#)
- [TearIndex](#)
- [Tensile](#)
- [TensileIndex](#)
- [Whiteness](#)
- [AdditionalTest](#)

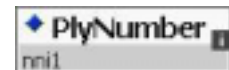


PlyBond

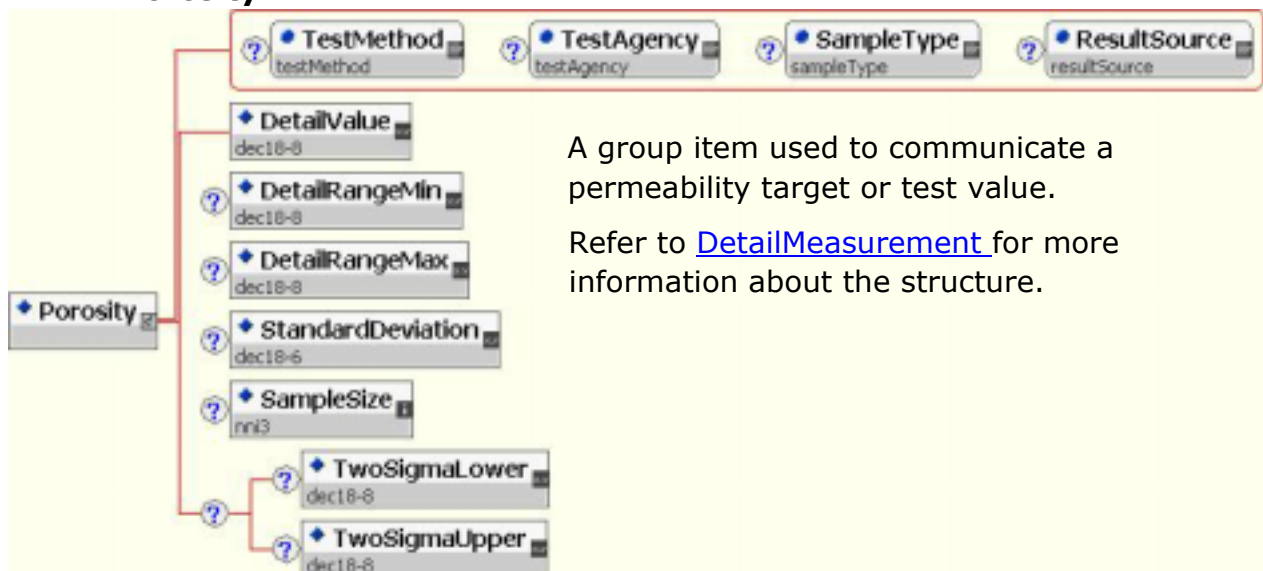


PlyNumber

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.

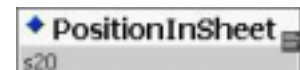


Porosity



PositionInSheet

Location in the sheet where the defect was identified.



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PostalCode

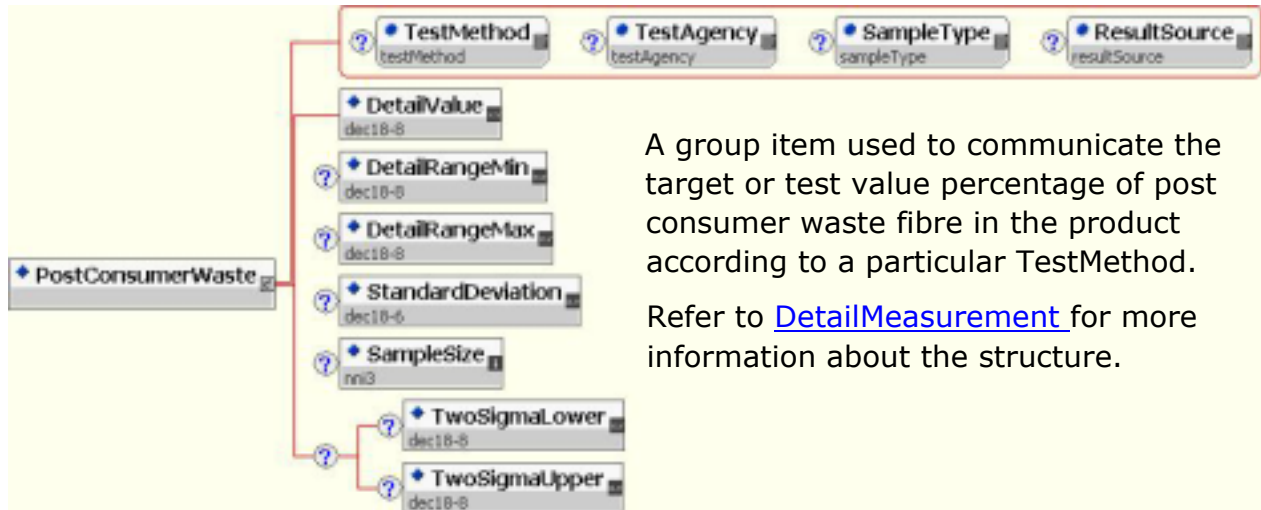
PreConsumerWaste

PostalCode

The postal code associated with the address elements.



PostConsumerWaste

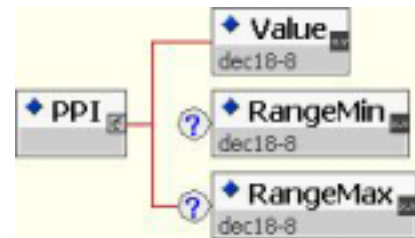


A group item used to communicate the target or test value percentage of post consumer waste fibre in the product according to a particular TestMethod.

Refer to [DetailMeasurement](#) for more information about the structure.

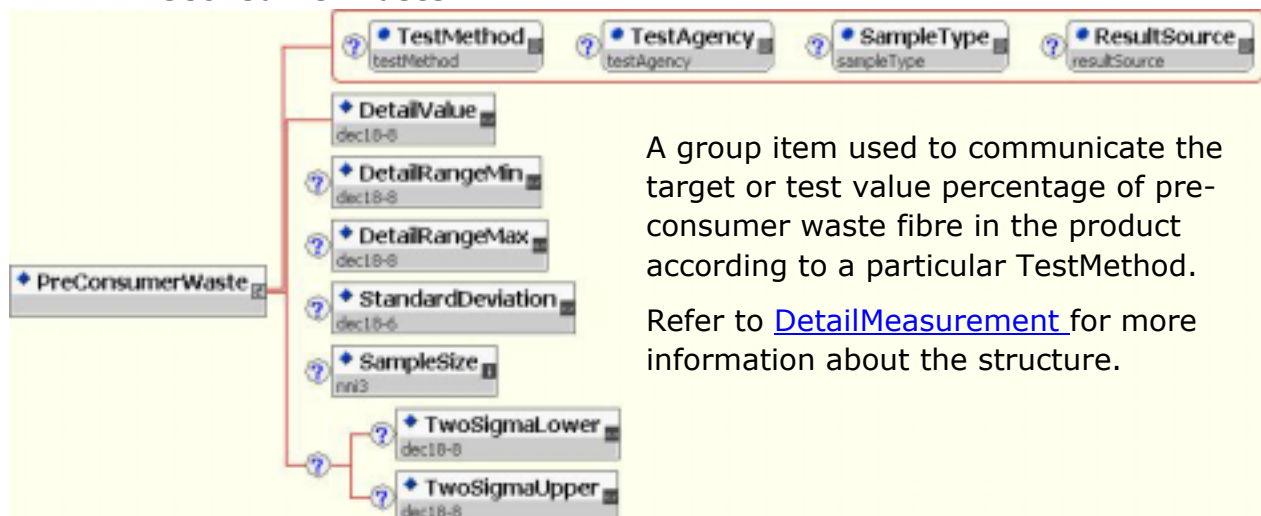
PPI

A group item used to communicate the number of pages in an inch of thickness either as a target or actual value. Refer to [Measurement](#) for more information about the structure ([Value](#), [RangeMin](#), [RangeMax](#)).



Equal to the number of sheets per inch times 2.

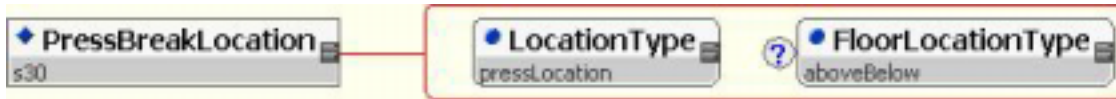
PreConsumerWaste



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.

Refer to [DetailMeasurement](#) for more information about the structure.

PressBreakLocation



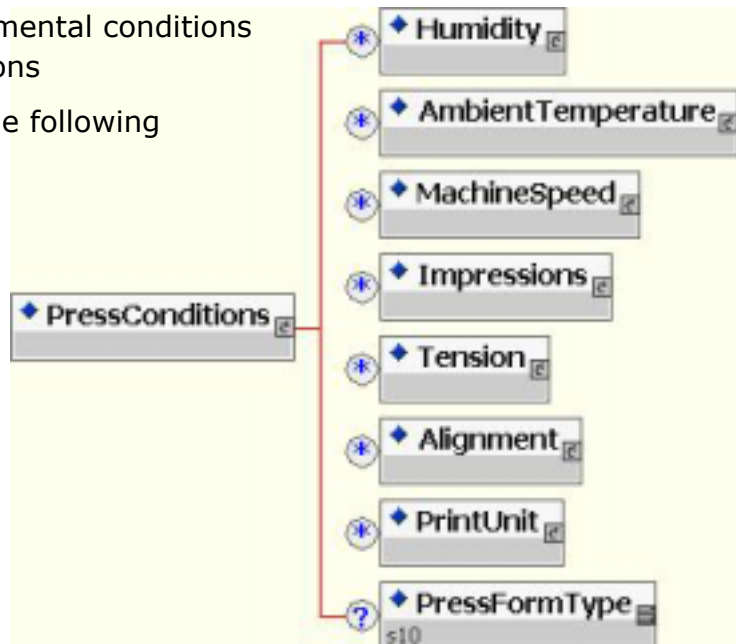
The specific location identified within a printing press.

PressConditions

Construct contains environmental conditions of the press during operations

PressConditions contains the following elements:

- Humidity
- AmbientTemperature
- MachineSpeed
- Impressions
- Tension
- Alignment
- PrintUnit
- PressFormType



PressFormType

Description of press form, expressed as deliveries and number of pages in the signature being printed, e.g. 2X16, 4X4.

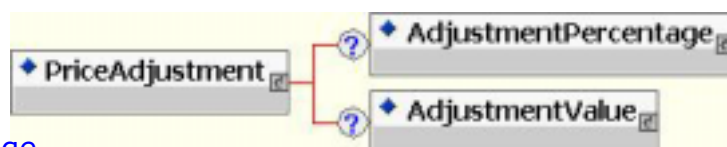


PriceAdjustment

A group item defining a deviation from the PricePerUnit.

PriceAdjustment contains the following elements:

- [AdjustmentPercentage](#)
- [AdjustmentValue](#)



PriceDetails

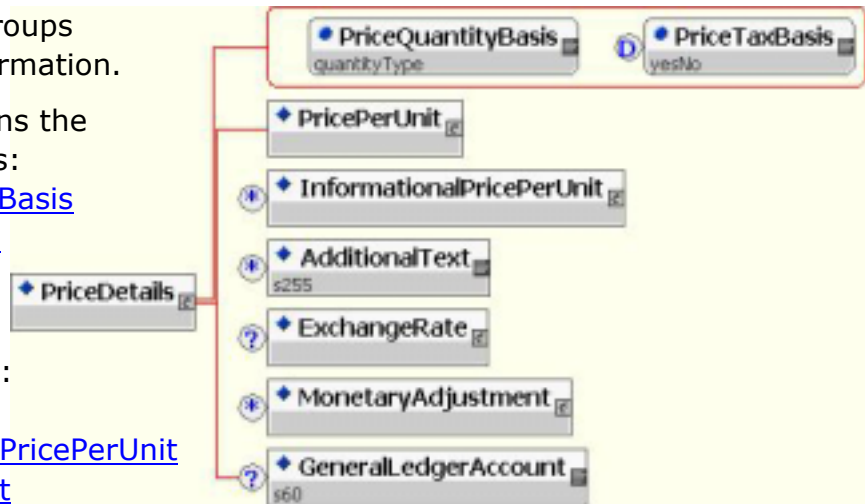
An element that groups together price information.

PriceDetails contains the following attributes:

- [PriceQuantityBasis](#)
- [PriceTaxBasis](#)

PriceDetails contains the following elements:

- [PricePerUnit](#)
- [InformationalPricePerUnit](#)
- [AdditionalText](#)
- [ExchangeRate](#)

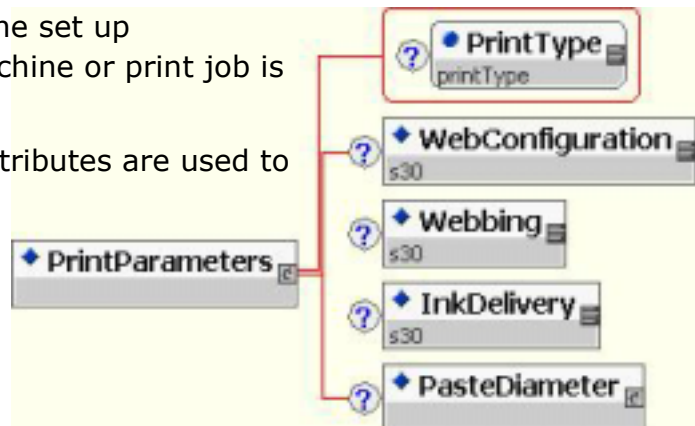


PrintParameters

PrintParameters is optional. The set up parameters of how a print machine or print job is within this construct.

The following elements and attributes are used to capture this information:

- PrintType
- WebConfiguration
- Webbing
- InkDelivery
- PasteDiameter



PrintUnit

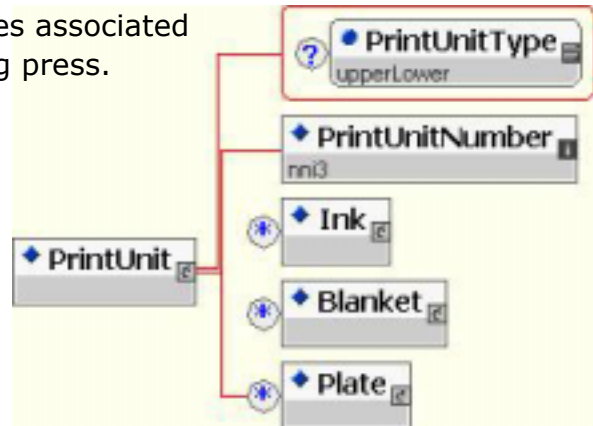
PrintUnit identifies the unique qualities associated with the individual unit of the printing press.

It contains the following attribute:

- PrintUnitType
 - ✧ Upper
 - ✧ Lower

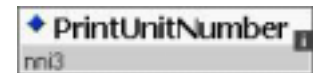
It also contains the follow elements related to the specific print unit.

- PrintUnitNumber
- Ink
- Blanket
- Plate



PrintUnitNumber

The number of the print unit.



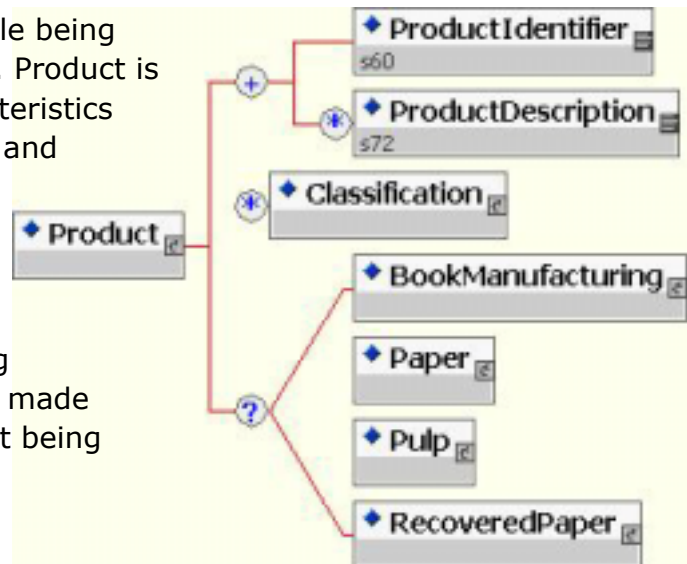
Product

A group item defining the article being ordered and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier and Classification.

- [ProductIdentifier](#)
- [ProductDescription](#)
- [Classification](#)

A choice of one of the following “market-segment” elements is made based upon the type of product being ordered.

- [BookManufacturing](#)
- [Paper](#)
- [Pulp](#)
- [RecoveredPaper](#)



Pulp and Paper are the only products whose characteristics and conversion features have been implemented in papiNet. Recovered Paper and Book Manufacturing are in process and additional product types are under consideration based upon user input.

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ProductAttributes Root

ProductAttributes Root



ProductAttributes has two required attributes:

- ProductAttributesType, with choices of:
 - ✧ PriceList
 - ✧ ProductCrossReference
 - ✧ ProductProperties
- ProductAttributesStatusType, with choices of:
 - ✧ Original
 - ✧ Amended
 - ✧ Replace
 - ✧ Cancelled

ProductAttributes contains the elements:

- [ProductAttributesHeader](#)
- [ProductAttributesLineItem](#)

ProductAttributesHeader

Information that applies to the entire ProductAttributes message.

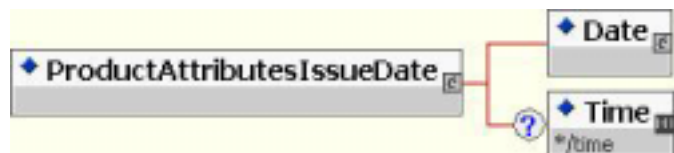
ProductAttributesHeader contains the following elements:

- [ProductAttributesIssueDate](#)
- [TransactionHistoryNumber](#)
- [SenderProductAttributesIdentifier](#)
- [SenderProductAttributesName](#)
- [SenderProductAttributesDescription](#)
- [OtherParty](#)
- [SenderParty](#)
- [ReceiverParty](#)
- [ShipToCharacteristics](#)
- [ProductAttributesReference](#)
- [ValidityPeriod](#)
- [AdditionalText](#)
- [TermsAndDisclaimers](#)



ProductAttributesIssueDate

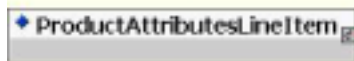
The [Date](#) and [Time](#) the Product Attributes are issued. (Compare to [ValidityPeriod](#).)



ProductAttributesLineItem

A group element that contains data relevant to the Product described on the line item.

Product-Attributes-LineItem



contains the following attributes:

- [Product-Attributes-LineItem-StatusType](#)
- [MeasurementsAre](#)



ProductAttributesLineItem contains the following elements:

- [Product](#)
- [SupplierParty](#)
- [MillParty](#)
- [OrderQuantities](#)
- [InformationalQuantity](#)
- [PriceDetails](#)
- [MonetaryAdjustment](#)
- [ValidityPeriod](#)
- [EndUses](#)
- [ProductAttributesProductURL](#)
- [TermsAndDisclaimers](#)

ProductAttributesProductURL

The web address of information pertinent to a particular product.



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ProductAttributesReference

ProductionRunNumber

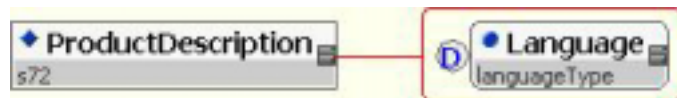
ProductAttributesReference



References that apply to the ProductAttributes message, contains the [ProductAttributesReferenceType](#) attribute.

ProductDescription

A group item used to communicate a human readable description of the product in the language specified by the [Language](#) attribute.



ProductIdentifier

A field used to communicate the code of the article, in a variety of formats designated by the type.



ProductIdentifier contains the following attributes:

- [ProductIdentifierType](#)
- [Agency](#)

ProductionLastDateOfChange

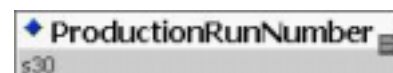
The final [Date](#) and [Time](#) that a line item or delivery line may be amended or cancelled by the buyer.



- Order Confirmation – The buyer can change a PurchaseOrderLineItem before the ProductionLastDateOfChange received from the seller on the OrderConfirmation.
- Purchase Order – When a buyer communicates this information in a Purchase Order what is being communicated is the desired last date of change.

ProductionRunNumber

The ProductionRunNumber assigned by the issuer.



ProductionStatus

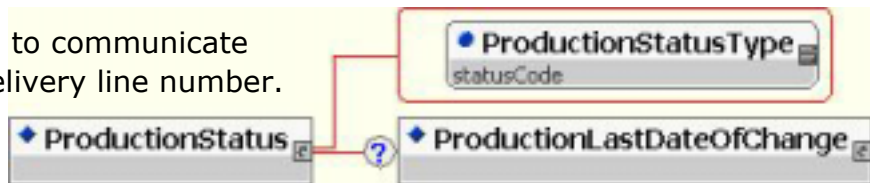
A group item used to communicate the release of a delivery line number.

Production Status has the following attribute:

- [ProductionStatusType](#)

ProductionStatus has the following element:

- [ProductionLastDateOfChange](#)



ProductPerformance Root



ProductPerformance has a required attribute that determines the status of the message being communicated:

- [ProductPerformanceStatusType](#)
 - ✧ Original
 - ✧ Replaced
- [Reissued](#) attribute is optional.

ProductPerformance contains the following elements:

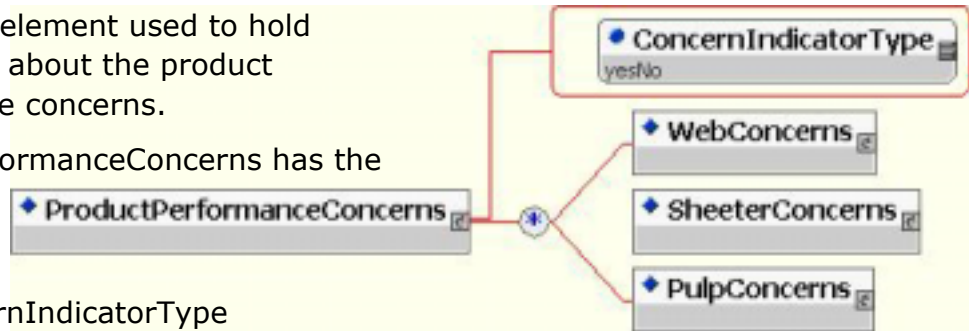
- [ProductPerformanceHeader](#)
- [ProductPerformanceLineItem](#)
- [ProductPerformanceSummary](#)

ProductPerformanceConcerns

A grouping element used to hold information about the product performance concerns.

ProductPerformanceConcerns has the following attribute:

- ConcernIndicatorType

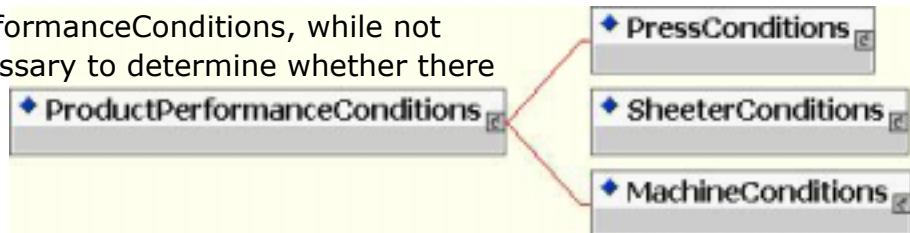


ProductPerformanceConcerns contains the following elements:

- WebConcerns
- SheeterConcerns
- PulpConcerns

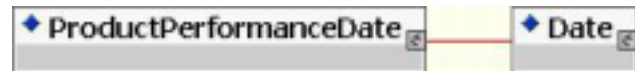
ProductPerformanceConditions

The ProductPerformanceConditions, while not absolutely necessary to determine whether there is a product concern is available.



ProductPerformanceDate

The date the message was measured.



ProductPerformanceIssueDate

The date the message was issued.



papiNet Standard – Version 2.10

ProductPerformanceLineItem

ProductPerformanceLineItemNumbe

ProductPerformanceLineItem

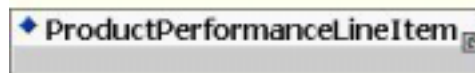
Multiple
ProductPerformanceLineItem
instances are allowed; at least
one is required.

Each line contains the following
attribute:

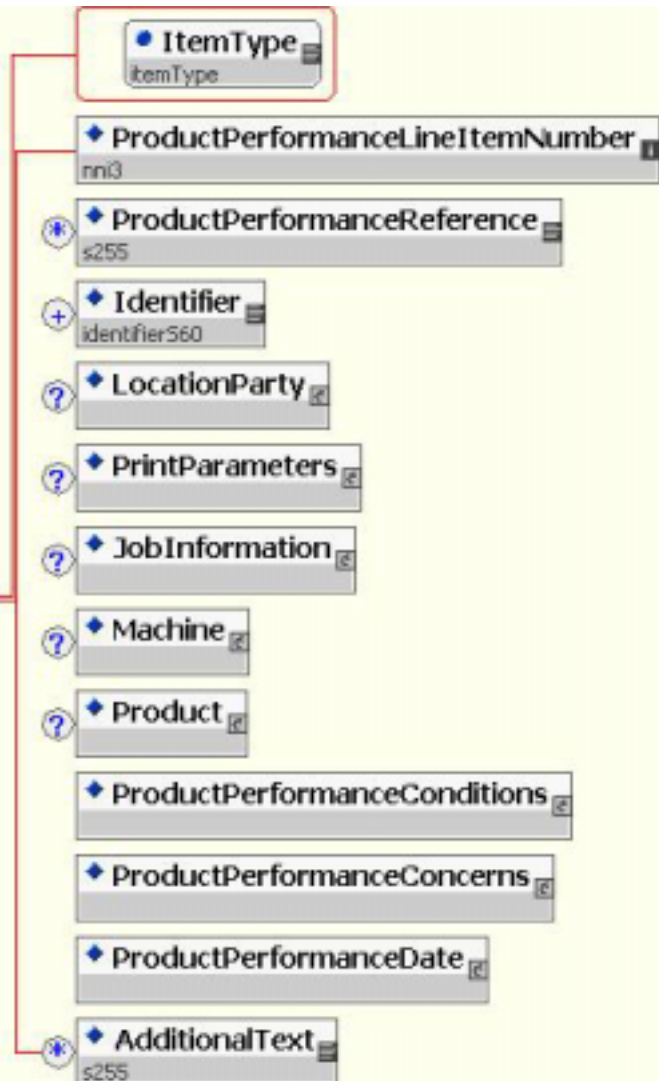
- ItemType

Each line contains the following
elements:

- [ProductPerformance-
LineItemNumber](#)
- [ProductPerformance-
Reference](#)



- [Identifier](#)
- [LocationParty](#)
- [PrintParameters](#)
- [JobInformation](#)
- [Machine](#)
- [Product](#)
- [ProductPerformance-
Conditions](#)
- [ProductPerformance-
Concerns](#)
- [ProductPerformanceDate](#)
- [AdditionalText](#)



ProductPerformanceLineItemNumber

The line item identifying the one
line being communicated from the
Printer to Supplier.



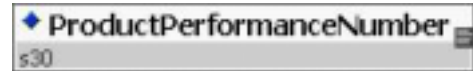
papiNet Standard – Version 2.10

ProductPerformanceNumber

ProductPerformanceSummary

ProductPerformanceNumber

The report number used to identify the entire message.



ProductPerformanceReference



Reference back to another business document.

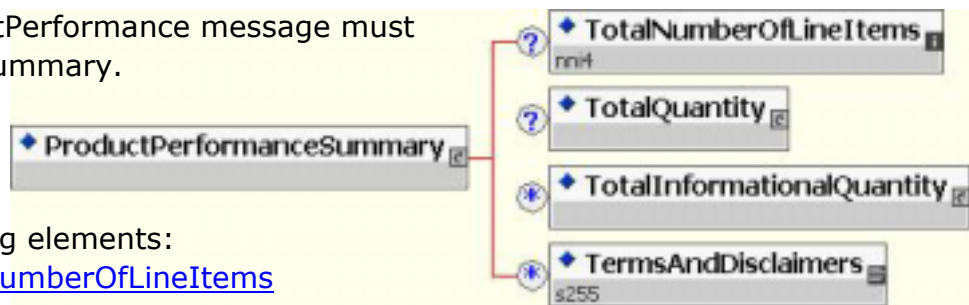
ProductPerformanceSummary

The ProductPerformance message must contain a summary.

The summary contains

the following elements:

- [TotalNumberOfLineItems](#)
- [TotalQuantity](#)
- [TotalInformationalQuantity](#)
- [TermsAndDisclaimers](#)



ProductQuality Root

ProductQuality has an optional attribute that determines the

language of text elements such as descriptions. The default language is "eng".

- [Language](#)
 - ✧ See ISO standard 639-2

ProductQuality has a required attribute that determines the status of the message being communicated:

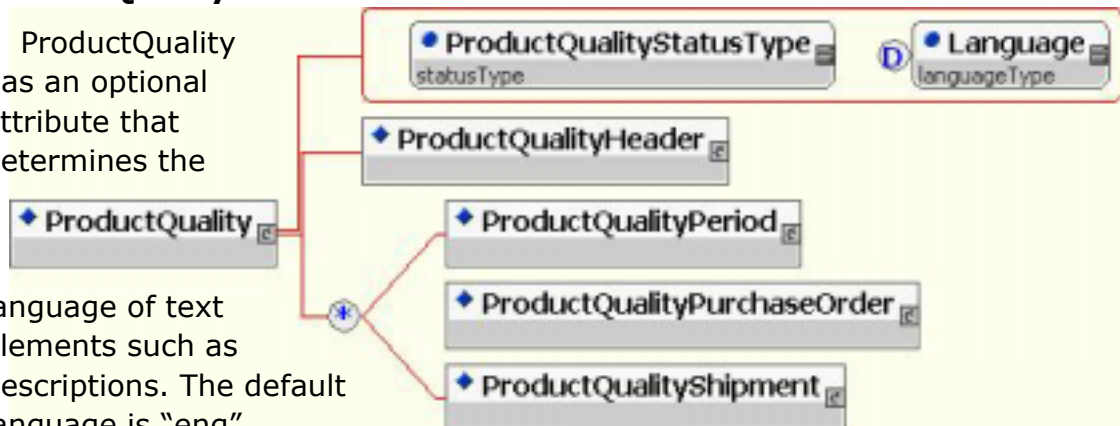
- [ProductQualityStatusType](#)
 - ✧ Replaced
 - ✧ Cancelled
 - ✧ Original

ProductQuality also contains the following elements:

- [ProductQualityHeader](#)

and a choice of:

- [ProductQualityPeriod](#)
- [ProductQualityPurchaseOrder](#)
- [ProductQualityShipment](#)
- The choice may be repeated.



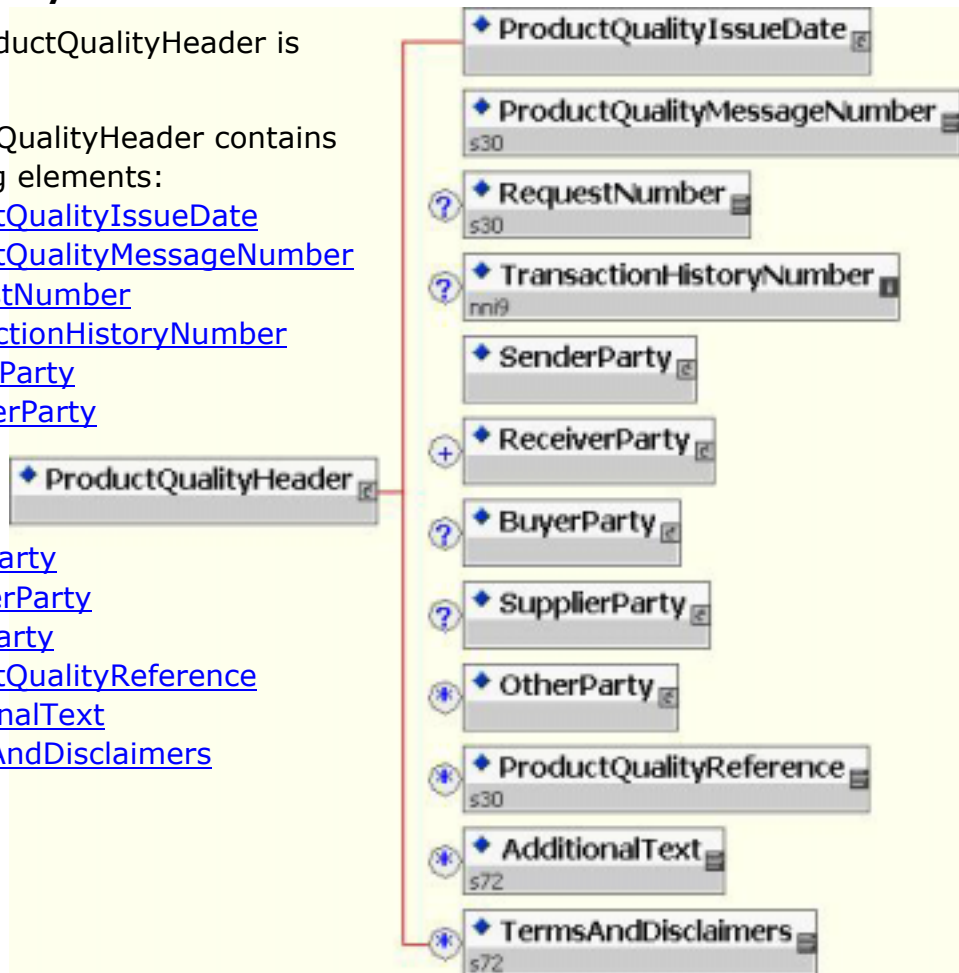
ProductQualityHeader

A single ProductQualityHeader is required.

The ProductQualityHeader contains the following elements:

- [ProductQualityIssueDate](#)
- [ProductQualityMessageNumber](#)
- [RequestNumber](#)
- [TransactionHistoryNumber](#)
- [SenderParty](#)
- [ReceiverParty](#)

- [BuyerParty](#)
- [SupplierParty](#)
- [OtherParty](#)
- [ProductQualityReference](#)
- [AdditionalText](#)
- [TermsAndDisclaimers](#)



ProductQualityIssueDate

The date the ProductQuality message was issued.



ProductQualityMessageNumber

A unique identifier assigned to each message for identification purposes.

Subsequent ProductQuality messages with updates or cancellations will use this same ProductQualityMessageNumber.

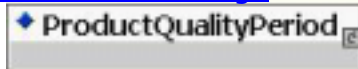


ProductQualityPeriod

Multiple ProductQualityPeriod instances are allowed.

ProductQualityPeriod contains the following elements:

- [TimePeriod](#)
- [Product](#)
- [PurchaseOrderInformation](#)
- [PurchaseOrder-LineItemNumber](#)
- [LocationParty](#)
- [MachineID](#)
- [ShipToParty](#)
- [EndUserParty](#)
- [ProductQualityReference](#)
- [Quantity](#)
- [InformationalQuantity](#)
- [StartIdentifierRange](#)



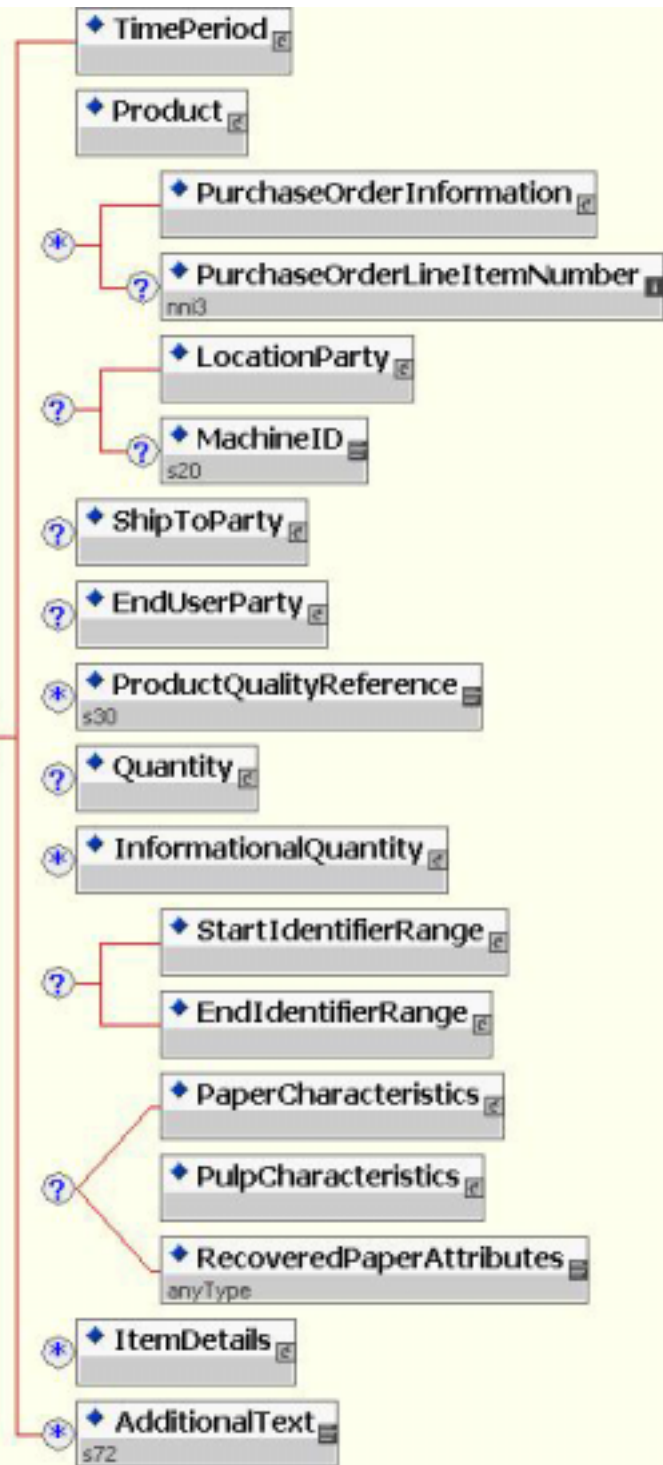
- [EndIdentifierRange](#)

Choice of:

- PaperCharacteristics
- PulpCharacteristics, or
- RecoveredPaper-ProductAttributes

This choice provides summary information for the identified period.

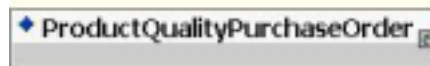
- [ItemDetails](#)
- [AdditionalText](#)



ProductQualityPurchaseOrder

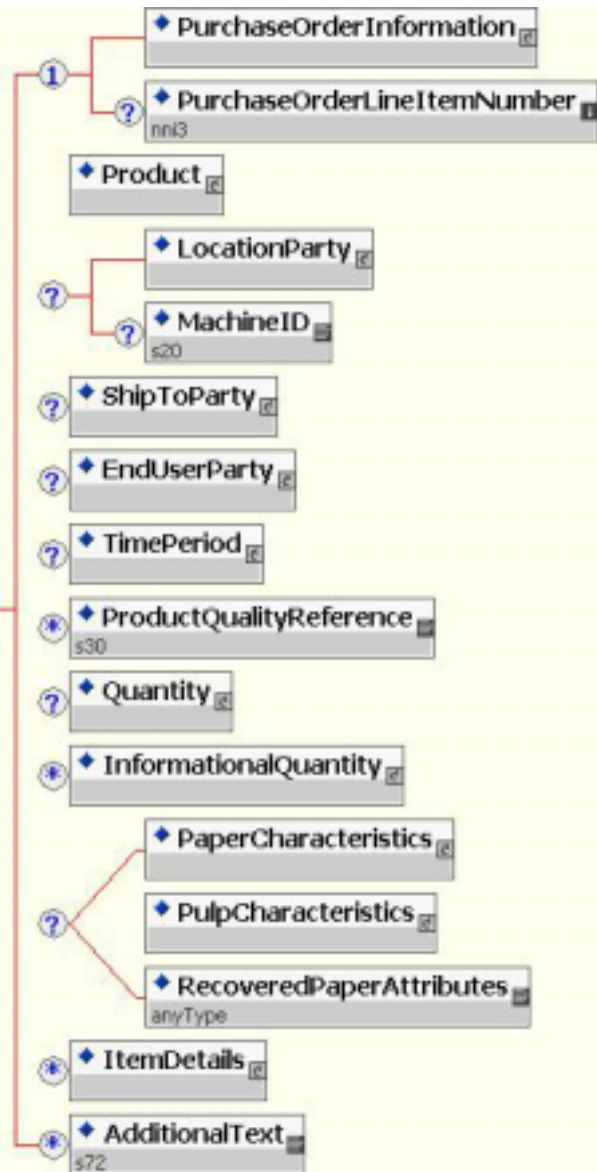
Multiple instances of purchase order information is allowed to support a list of purchase orders manufactured during the indicated period. Alternatively, ProductQualityPeriod may be repeated with the same TimePeriod for each purchase order if the quality data is available at this level of detail.

Multiple ProductQualityPurchaseOrder instances are allowed.



ProductQualityPurchaseOrder contains the following elements:

- [PurchaseOrderInformation](#)
- [PurchaseOrder-LineItemNumber](#)
- [Product](#)
- [LocationParty](#)
- [ShipToParty](#)
- [EndUserParty](#)
- [TimePeriod](#)
- [ProductQualityReference](#)
- [Quantity](#)
- [InformationalQuantity](#)
- [PaperCharacteristics](#)
- [PulpCharacteristics](#)
- [RecoveredPaperAttributes](#)
- [ItemDetails](#)
- [AdditionalText](#)



Choice of:

- PaperCharacteristics
- PulpCharacteristics, or
- RecoveredPaperProductAttributes

This choice provides summary information for the identified purchase order.

- [ItemDetails](#)
- [AdditionalText](#)

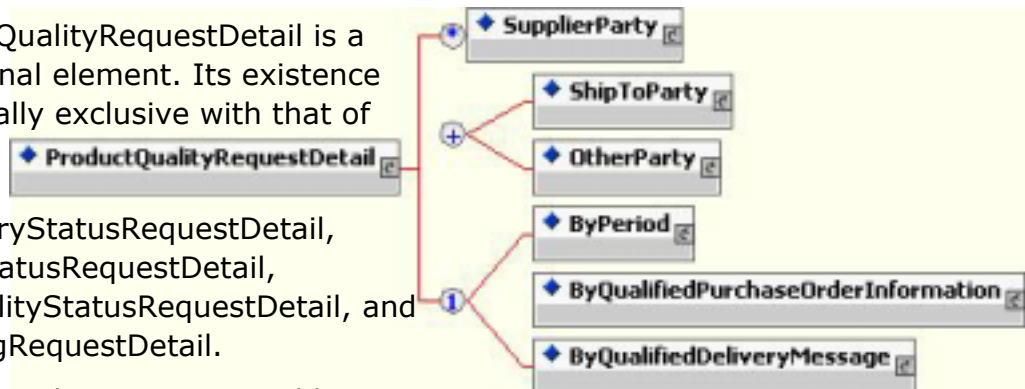
ProductQualityReference

An element detailing relevant references pertaining to the ProductQuality message.



ProductQualityRequestDetail

ProductQualityRequestDetail is a conditional element. Its existence is mutually exclusive with that of the



InventoryStatusRequestDetail, OrderStatusRequestDetail, AvailabilityStatusRequestDetail, and PlanningRequestDetail.

ProductQualityRequestDetail has a required attribute:

- ProductQualityRequestDetailType
 - ✧ ByPeriod
 - ✧ ByQualifiedPurchaseOrderInformation
 - ✧ ByShipment

Elements may include:

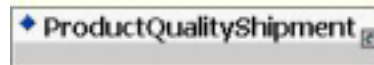
- [SupplierParty](#)
- [ShipToParty](#)
- [OtherParty](#)
- [ByPeriod](#)
- [ByQualifiedPurchaseOrderInformation](#)
- [ByQualifiedDeliveryMessage](#)

ProductQualityShipment

Multiple ProductQualityShipment instances are allowed; at least one is required.

ProductQualityShipment contains the following elements:

- [DeliveryMessageNumber](#)
- [DeliveryMessage-LineItemNumber](#)
- [Product](#)
- [PurchaseOrderInformation](#)
- [PurchaseOrder-LineItemNumber](#)
- [LocationParty](#)
- [MachineID](#)
- [ShipToParty](#)
- [EndUserParty](#)
- [TimePeriod](#)



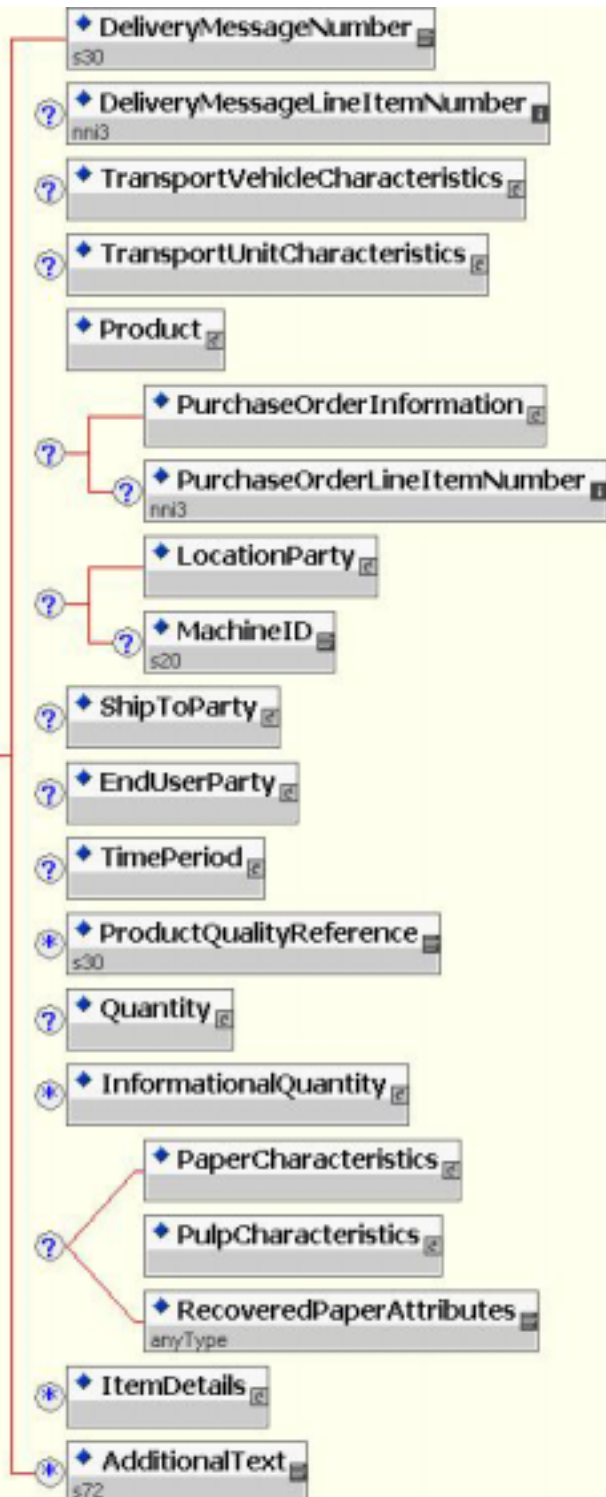
- [ProductQualityReference](#)
- [Quantity](#)
- [InformationalQuantity](#)

Choice of:

- PaperCharacteristics
- PulpCharacteristics, or
- RecoveredPaper-ProductAttributes

This choice provides summary information for the identified delivery.

- [ItemDetails](#)
- [AdditionalText](#)



ProofApprovalDate

Date field indicating when proofs will be approved.

ProofApprovalDate contains the following elements:

- Date
- Time

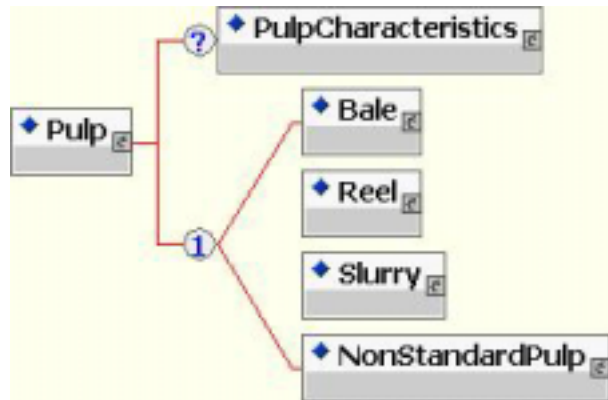


Pulp

A group item defining the characteristics of pulp that are not dependent on a particular conversion process.

Pulp contains the following elements

- [PulpCharacteristics](#)
- [Bale](#)
- [Reel](#)
- [Slurry](#)
- [NonStandardPulp](#)



PulpCharacteristics

The physical and chemical characteristics of the pulp product regardless of the form that it is taking.

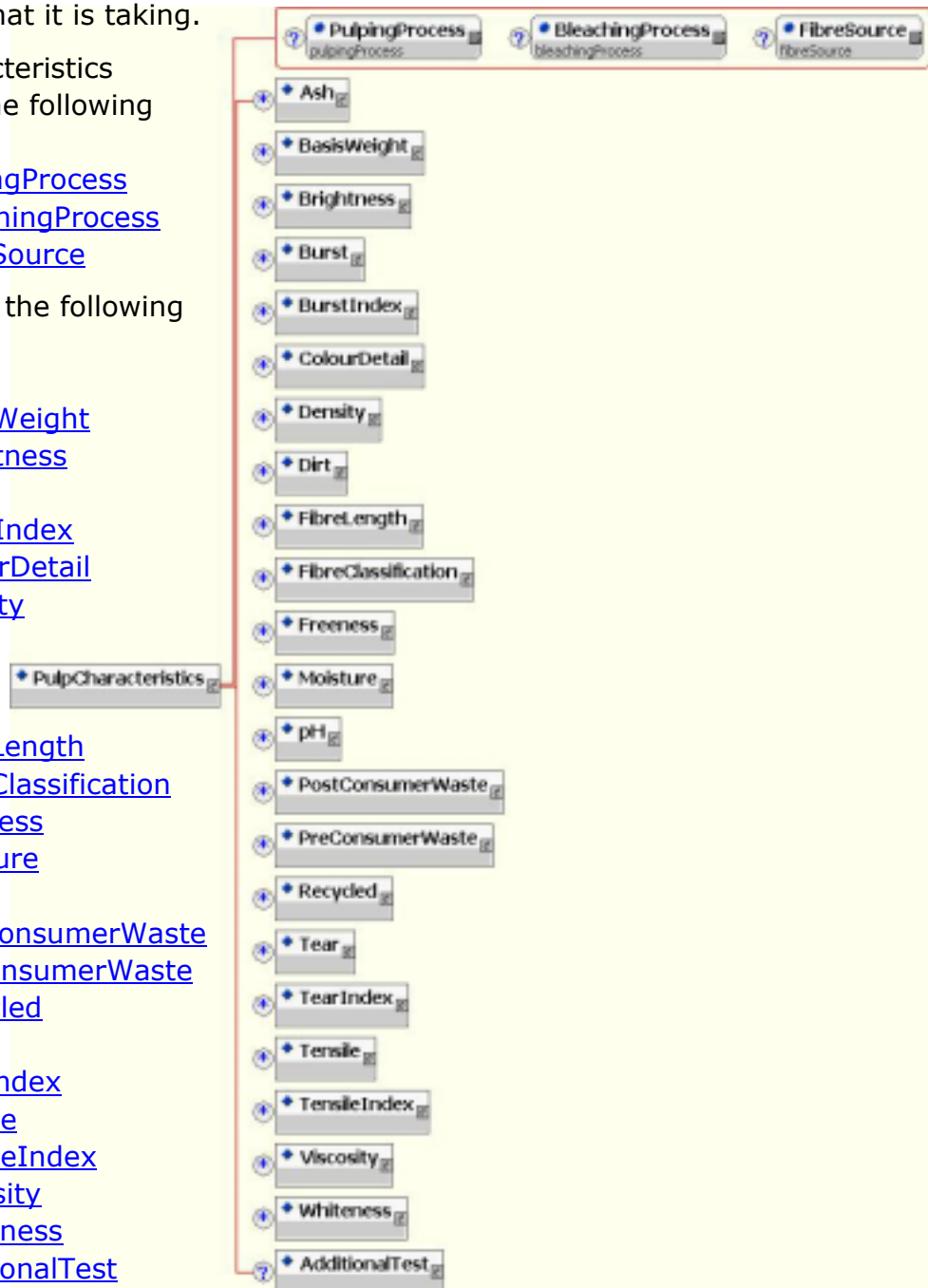
PulpCharacteristics contains the following attributes:

- [PulpingProcess](#)
- [BleachingProcess](#)
- [FibreSource](#)

Along with the following element:

- [Ash](#)
- [BasisWeight](#)
- [Brightness](#)
- [Burst](#)
- [BurstIndex](#)
- [ColourDetail](#)
- [Density](#)
- [Dirt](#)

- [FibreLength](#)
- [FibreClassification](#)
- [Freeness](#)
- [Moisture](#)
- [pH](#)
- [PostConsumerWaste](#)
- [PreConsumerWaste](#)
- [Recycled](#)
- [Tear](#)
- [TearIndex](#)
- [Tensile](#)
- [TensileIndex](#)
- [Viscosity](#)
- [Whiteness](#)
- [AdditionalTest](#)



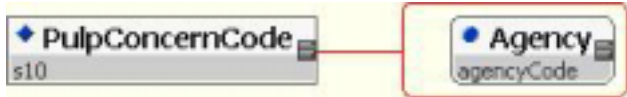
papiNet Standard – Version 2.10

PulpConcernCode

PulpConcerns

PulpConcernCode

A group of codes that qualifies the defect or issue with a particular unit of pulp.



PulpConcernDescription

A narrative to correspond to the concern code.

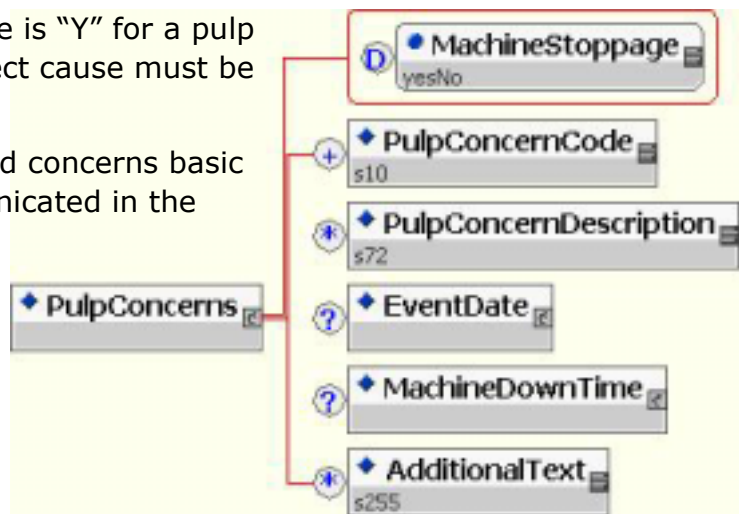


PulpConcerns

If the ConcernIndicatorType is "Y" for a pulp related product then a defect cause must be give.

If there are any pulp related concerns basic information can be communicated in the following construct.

- MachineStoppage
- PulpConcernCode
- PulpConcern-Description
- EventDate
- MachineDowntime
- AdditionalText

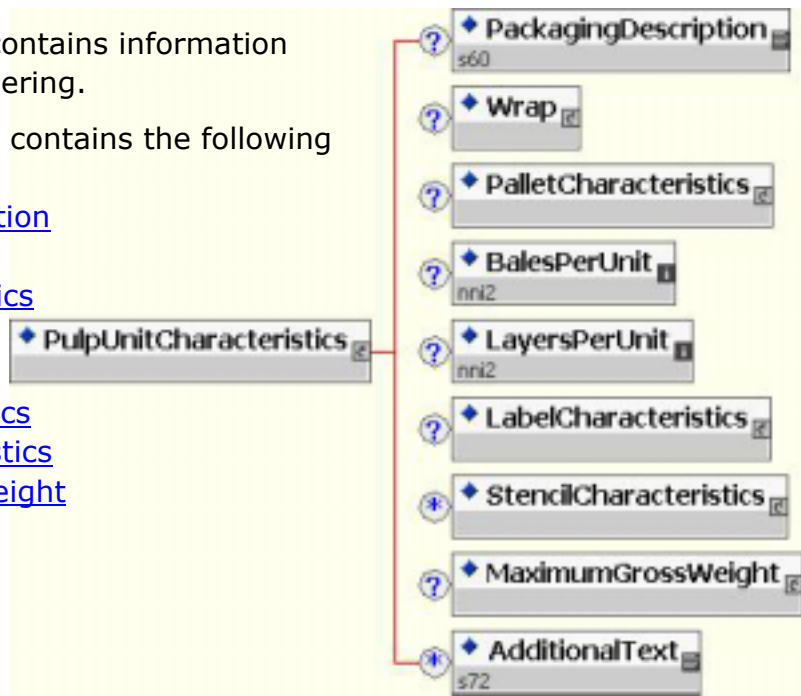


PulpUnitCharacteristics

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

PulpUnitCharacteristics contains the following elements:

- [PackagingDescription](#)
- [Wrap](#)
- [PalletCharacteristics](#)
- [BalesPerUnit](#)
- [LayersPerUnit](#)
- [LabelCharacteristics](#)
- [StencilCharacteristics](#)
- [MaximumGrossWeight](#)
- [AdditionalText](#)



PunchedHoleDetails

A grouping element that will contain the configuration information for punched holes.

PunchedHoleDetails contains the [NumberOfHoles](#) element.

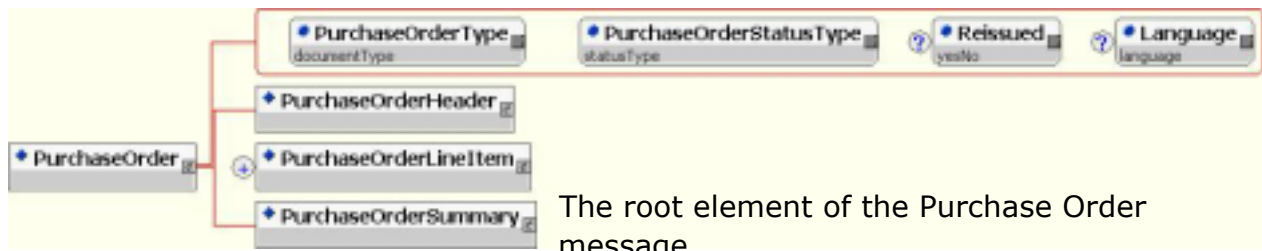


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PurchaseOrder

PurchaseOrderDetail

PurchaseOrder



PurchaseOrder contains the following attributes:

- [PurchaseOrderType](#)
- [PurchaseOrderStatusType](#)
- [Reissued](#)
- [Language](#)

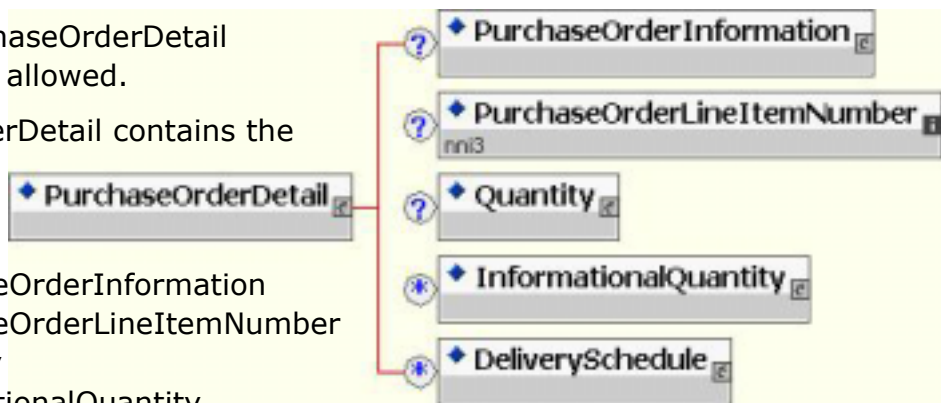
PurchaseOrder contains the following elements:

- [PurchaseOrderHeader](#)
- [PurchaseOrderLineItem](#)
- [PurchaseOrderSummary](#)

PurchaseOrderDetail

Multiple PurchaseOrderDetail instances are allowed.

PurchaseOrderDetail contains the following elements:



- PurchaseOrderInformation
- PurchaseOrderLineItemNumber
- Quantity
- InformationalQuantity
- DeliverySchedule

PurchaseOrderHeader

The header level of information for the Purchase Order containing information that relates to the entire Purchase Order.

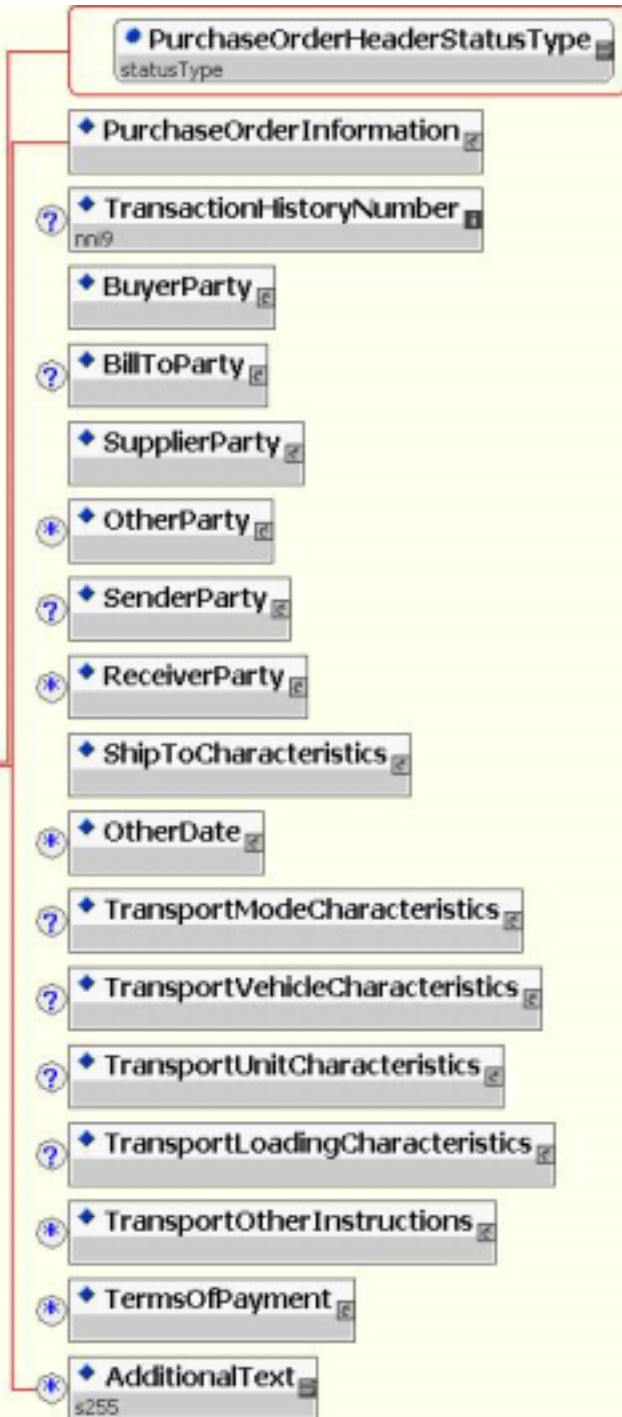
PurchaseOrderHeader has the following attribute:

- [PurchaseOrderHeader-StatusType](#)
 - ✧ Amended
 - ✧ Cancelled
 - ✧ New
 - ✧ NoAction

PurchaseOrderHeader has the following elements:

- [PurchaseOrderInformation](#)
- [TransactionHistoryNumber](#)

- [BuyerParty](#)
- [BillToParty](#)
- [SupplierParty](#)
- [OtherParty](#)
- [SenderParty](#)
- [ReceiverParty](#)
- [ShipToCharacteristics](#)
- [OtherDate](#)
- [TransportMode-Characteristics](#)
- [TransportVehicle-Characteristics](#)
- [TransportUnitCharacteristics](#)
- [TransportLoading-Characteristics](#)
- [TransportOtherInstructions](#)
- [TermsOfPayment](#)
- [AdditionalText](#)

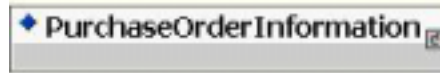


PurchaseOrderInformation

PurchaseOrderIssuedDate

PurchaseOrderInformation

A group item containing information unique to this purchase order, which is



provided by the buyer.

PurchaseOrderInformation has the following elements:

- [PurchaseOrderNumber](#)
- [PurchaseOrderReleaseNumber](#)
- [PurchaseOrderIssuedDate](#)
- [PurchaseOrderReference](#)



PurchaseOrderIssuedDate

The [Date](#) and [Time](#) on which the purchase order was issued within the buyer's system.



PurchaseOrderLineItem

PurchaseOrderLineItem is a required, multiple instances element.

PurchaseOrderLineItem has a required attribute:

- [PurchaseOrderLineItemStatusType](#)
 - ✧ Amended
 - ✧ Cancelled
 - ✧ New
 - ✧ NoAction

PurchaseOrderLineItem has the following elements:

- [PurchaseOrderLineItemNumber](#)
- [PurchaseOrderReference](#)
- [Product](#)
- [PricePerUnit](#)
- [MonetaryAdjustment](#)
- [MillCharacteristics](#)
- [Quantity](#)

✧ PurchaseOrderLineItem

- [InformationalQuantity](#)
- [TotalBlanketOrderValue](#)
- [ValidityPeriod](#)
- [ProductionStatus](#)
- [OtherDate](#)
- [ShipToCharacteristics](#)
- [OtherParty](#)
- [TransportModeCharacteristics](#)
- [TransportVehicleCharacteristics](#)
- [TransportUnitCharacteristics](#)
- [TransportLoadingCharacteristics](#)
- [TransportOtherInstructions](#)
- [DeliverySchedule](#)
- [GeneralLedgerAccount](#)
- [AdditionalText](#)

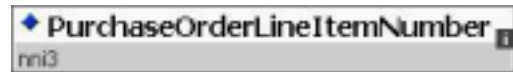


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PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber

The sequential number that uniquely identifies the purchase order line item.



PurchaseOrderNumber

The unique order identifier as designated by the customer.



PurchaseOrderReference

An item detailing relevant references (such as contract number) pertaining to the purchase order.



The type of reference is identified by the [PurchaseOrderReferenceType](#) attribute.

PurchaseOrderReleaseNumber

A sequential number given to the release of a reservation order or a blanket order.

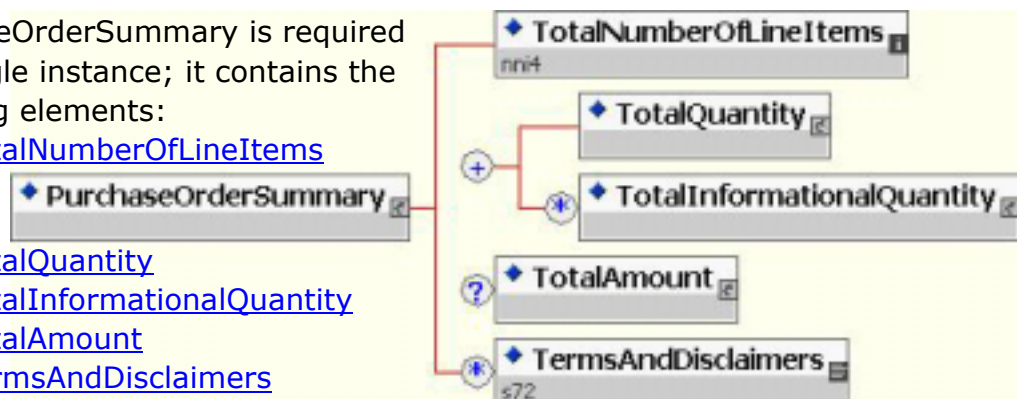


This further qualifies the purchase order number previously provided to the seller.

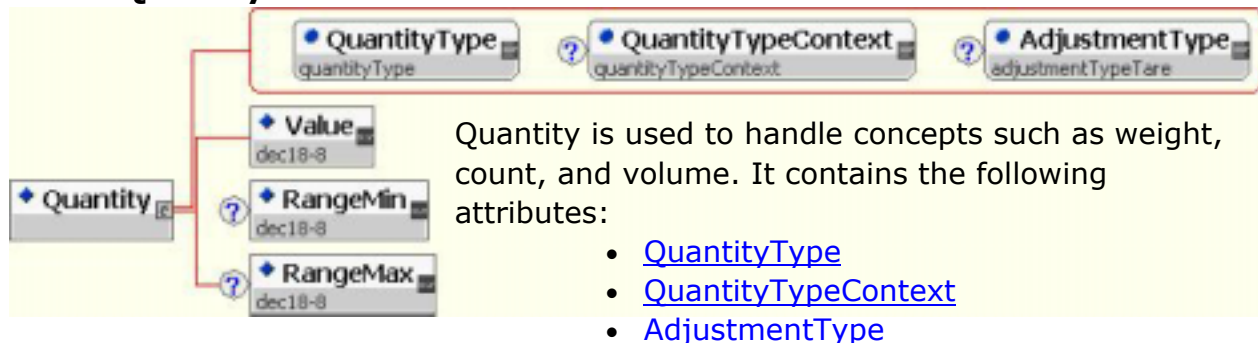
PurchaseOrderSummary

PurchaseOrderSummary is required and single instance; it contains the following elements:

- [TotalNumberOfLineItems](#)
- [TotalQuantity](#)
- [TotalInformationalQuantity](#)
- [TotalAmount](#)
- [TermsAndDisclaimers](#)



Quantity



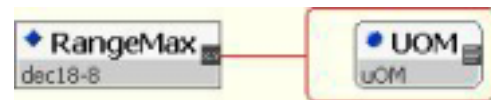
Quantity uses the [Measurement](#) group and has the following elements:

- [Value](#)
- [RangeMin](#)
- [RangeMax](#)

RangeMax

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

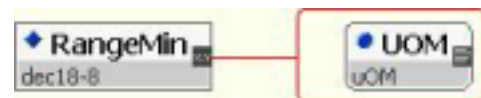
RangeMax contains the [UOM](#) attribute.



RangeMin

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

RangeMin contains the [UOM](#) attribute.

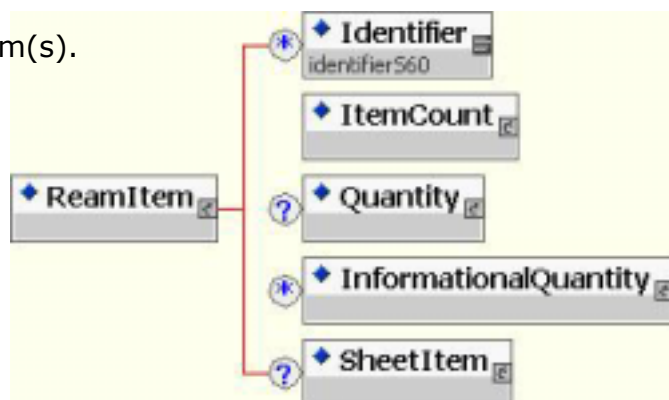


ReamItem

A wrapped quantity of SheetItem(s).

Ream contains the elements:

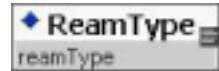
- [Identifier](#)
- [ItemCount](#) of sheets
- [Quantity](#) of the Ream
- [InformationalQuantity](#) associated with the Ream
- [SheetItem](#) (optional)



ReamType

The textual description of the method used to make up the reams. Valid choices are:

- 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.



ReasonDescription

Text associated with a particular ReasonIdentifier



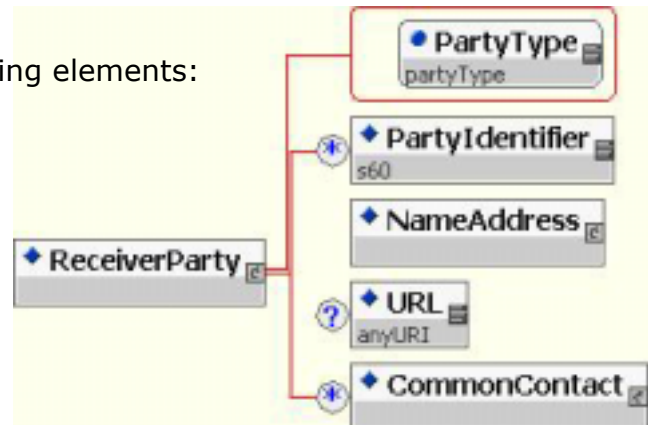
ReceiverParty

The party for whom the information (message) is intended, typed by the attribute [PartyType](#).

ReceiverParty contains the following elements:

- [PartyIdentifier](#)
- [NameAddress](#)
- [URL](#)
- [CommonContact](#)

Refer to [Party](#) (in the Glossary) for additional information.



RecoveredPaper

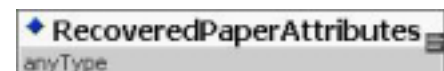
A group item defining the characteristics of recycled fibre that are not dependent on a particular conversion process.



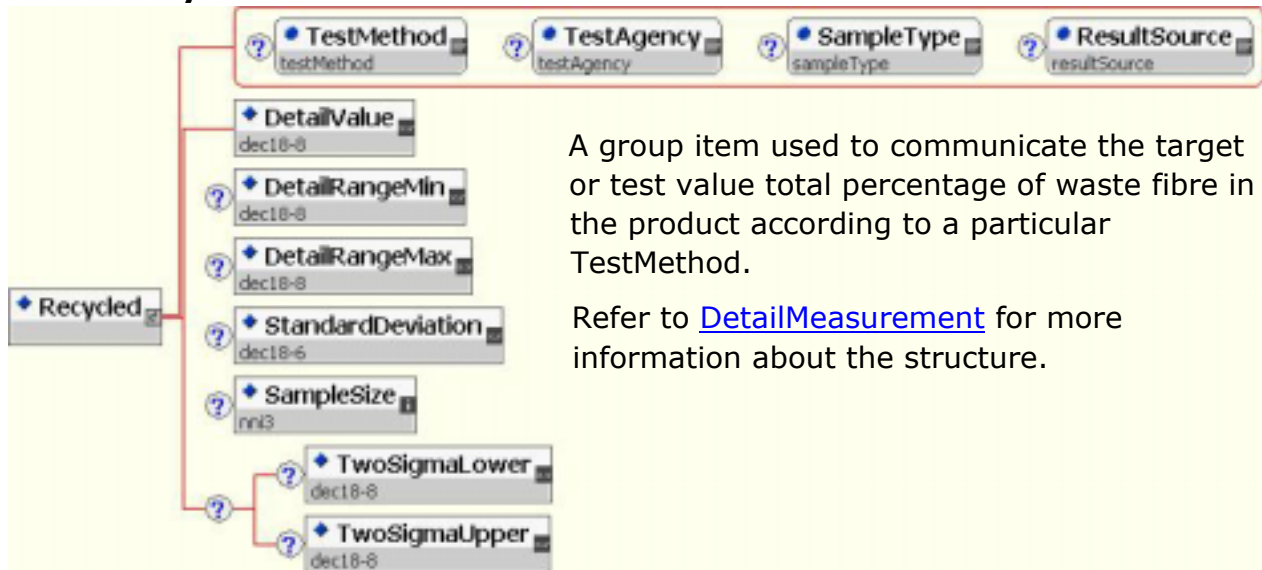
RecoveredPaper encapsulates the [RecoveredPaperAttributes](#) element.

RecoveredPaperAttributes

The attributes of Recovered Paper.

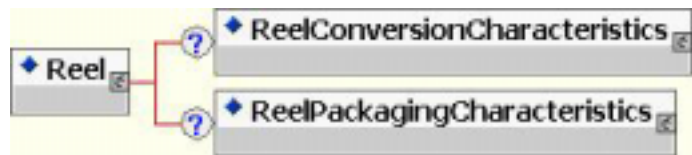


Recycled



Reel

A group item that contains the conversion and packaging characteristics of a reel.

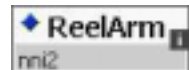


Reel is required, single instance.

- [ReelConversionCharacteristics](#)
- ✧ [ReelPackagingCharacteristics](#)

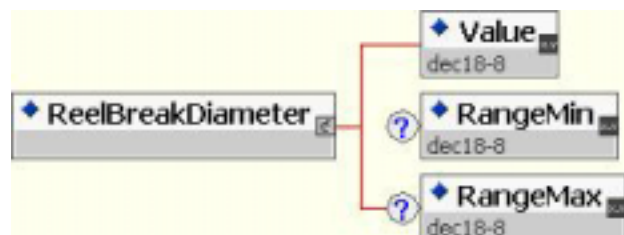
ReelArm

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.

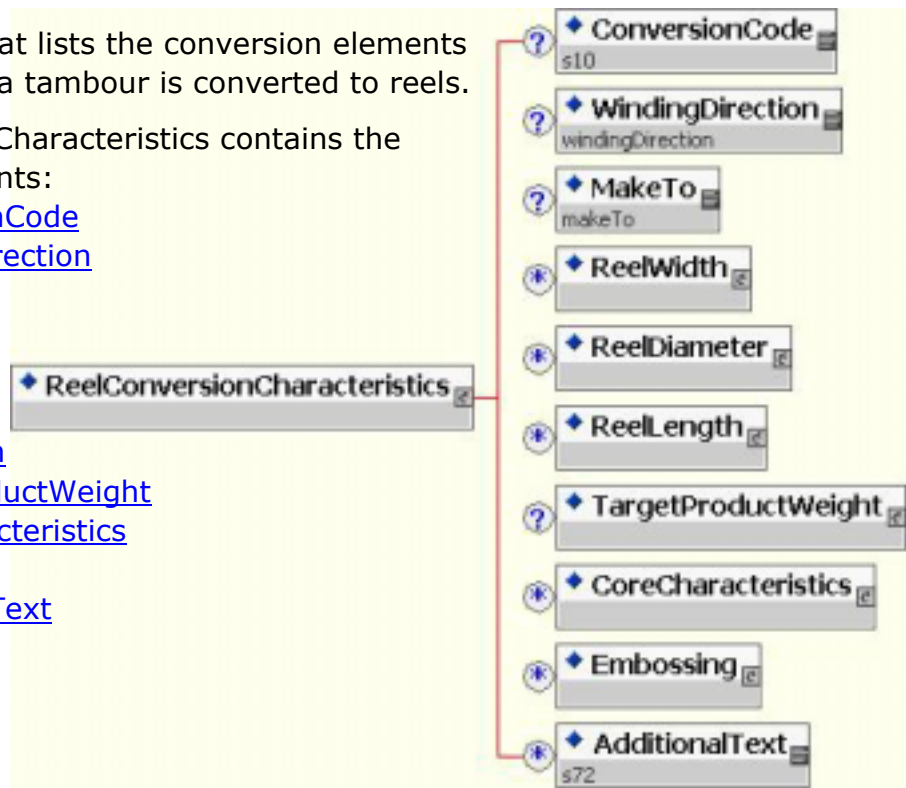


ReelConversionCharacteristics

A group item that lists the conversion elements describing how a tambour is converted to reels.

ReelConversionCharacteristics contains the following elements:

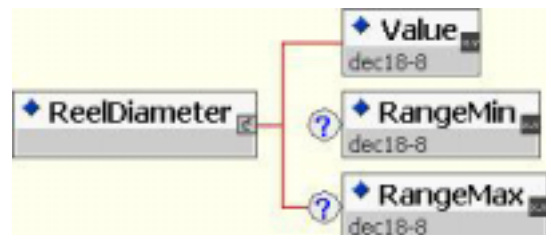
- [ConversionCode](#)
- [WindingDirection](#)
- [MakeTo](#)
- [ReelWidth](#)
- [Reel-](#)
[Diameter](#)
- [ReelLength](#)
- [TargetProductWeight](#)
- [CoreCharacteristics](#)
- [Embossing](#)
- [AdditionalText](#)



ReelDiameter

The diameter measurement of reel excluding packaging.

Refer to [Measurement](#) for more information about the structure.



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ReelItem

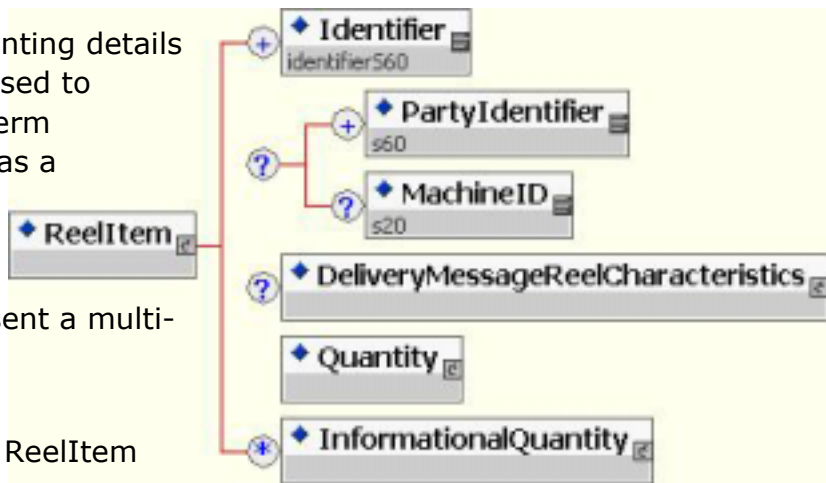
ReelLength

ReelItem

A group item representing details of an actual (as opposed to specified) reel. The term ReelPackage is used as a constraint of Usage-
LineItemDetail
@ItemType to represent a multi-reel package.

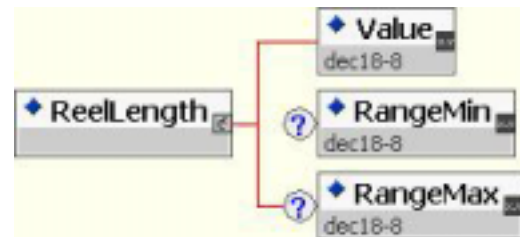
ReelItem contains:

- [Identifier](#) of the ReelItem
- [PartyIdentifier](#)
- [MachineID](#)
- [DeliveryMessageReelCharacteristics](#)
- [Quantity](#) of the reel
- and [InformationalQuantity](#) associated with the reel.



ReelLength

The total length of the paper on the reel.
Refer to [Measurement](#) for structure.



ReelPackagingCharacteristics

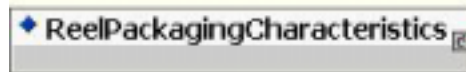
A group item that lists the packaging elements describing how a reel should be packed.

ReelPackagingCharacteristics contains the following attribute:

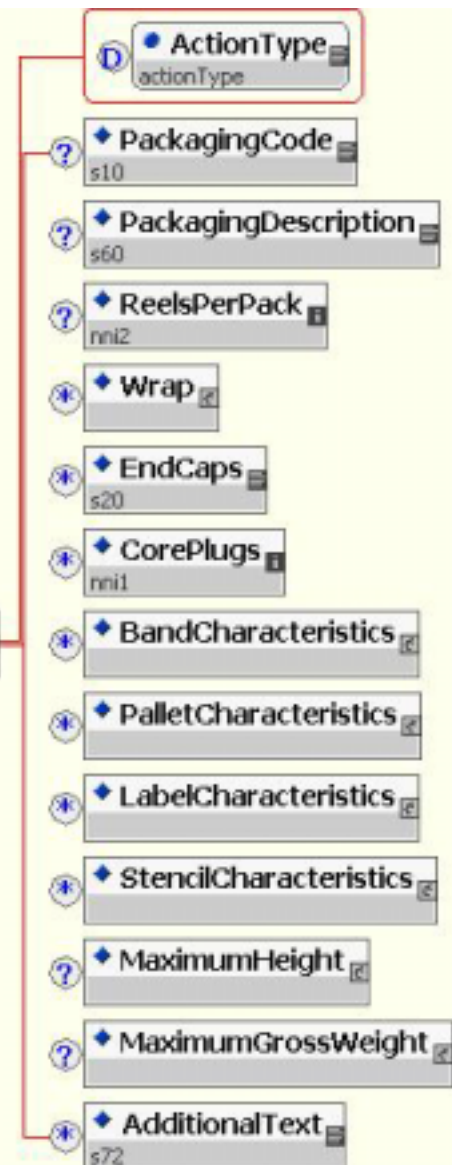
- [ActionType](#)

ReelPackagingCharacteristics contains the following elements:

- [PackagingCode](#)
- [PackagingDescription](#)
- [ReelsPerPack](#)
- [Wrap](#)
- [EndCaps](#)
- [CorePlugs](#)

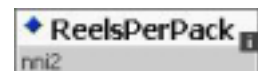


- [BandCharacteristics](#)
- [PalletCharacteristics](#)
- [LabelCharacteristics](#)
- [StencilCharacteristics](#)
- [MaximumHeight](#)
- [MaximumGrossWeight](#)
- [AdditionalText](#)



ReelsPerPack

The number of reels within a package.



ReelStandUnit

The reel stand unit number.



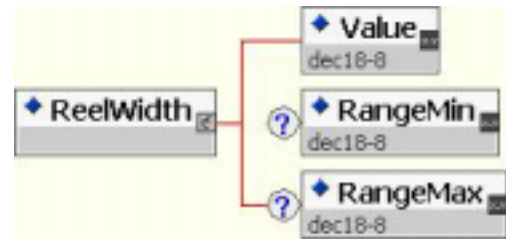
ReelWidth

RequestedAction

ReelWidth

The width of reel from edge to edge excluding packaging.

Refer to [Measurement](#) for more information on the structure.



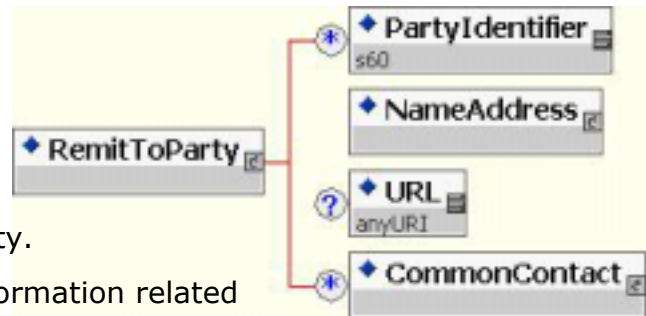
RemitToParty

A group item containing details of the party to whom payment will be made. When RemitToParty is optional and then omitted, the SupplierParty is assumed to be the RemitToParty.

The RemitToParty contains all information related to remittance except for the seller's bank information that is contained in SupplierParty.

RemitToParty contains the following elements:

- [PartyIdentifier](#)
- [NameAddress](#)
- [URL](#)
- [CommonContact](#)



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.)



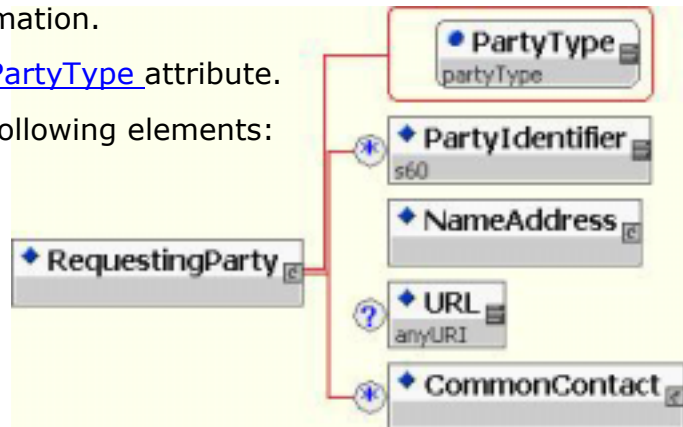
RequestingParty

The party requesting the information.

RequestingParty contains the [PartyType](#) attribute.

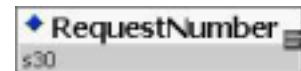
RequestingParty contains the following elements:

- [PartyIdentifier](#)
- [NameAddress](#)
- [URL](#)
- [CommonContact](#)

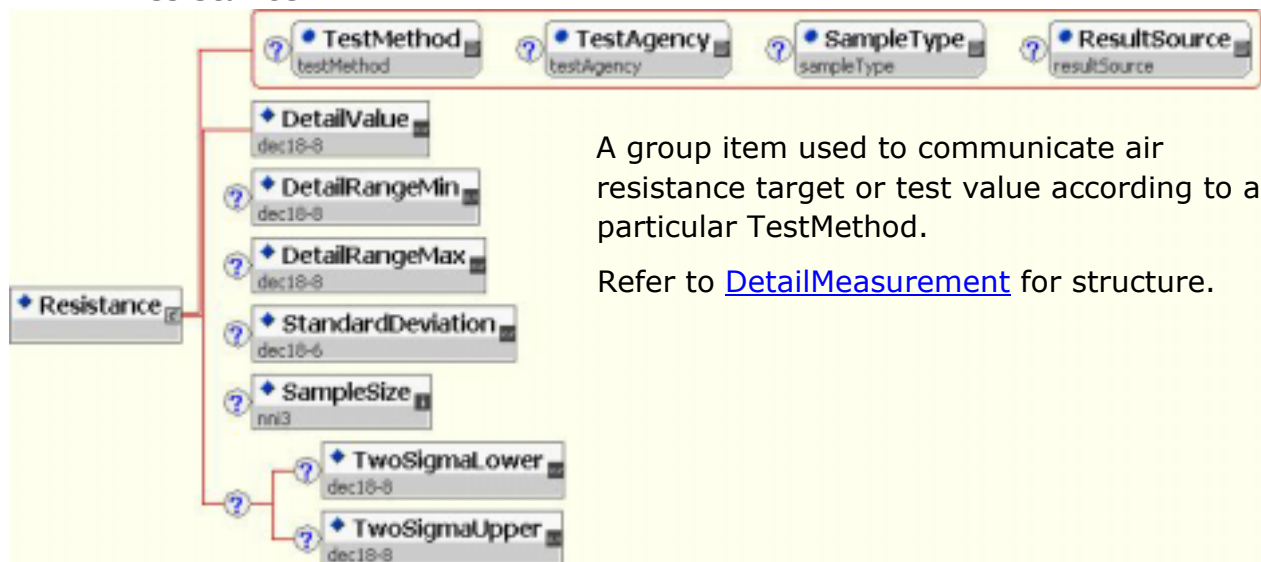


RequestNumber

A unique tracking number specifically identifying this InfoRequest message to the originator.



Resistance



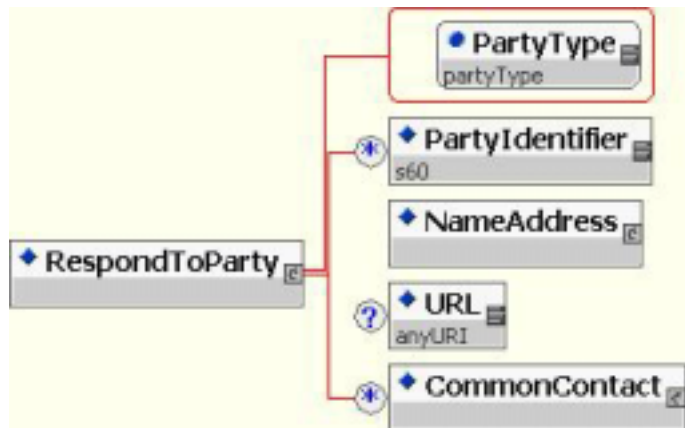
RespondToParty

The party the message should be sent to (“responded to”). Refer to [Party](#) for a discussion of party use.

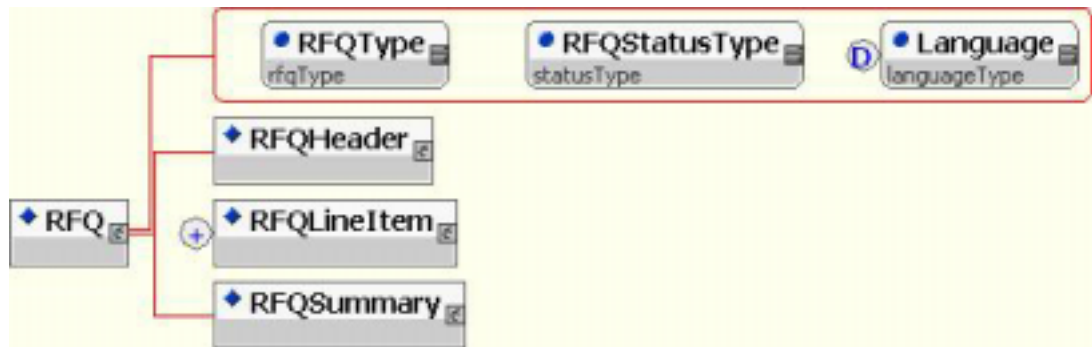
RespondToParty contains the [PartyType](#) attribute.

RespondToParty contains the following elements:

- [PartyIdentifier](#)
- [NameAddress](#)
- [URL](#)
- [CommonContact](#)



RFQ Root



The RFQ root has the following attributes:

- [RFQType](#), required, indicates the type of RFQ being communicated.
 - ✧ StandardRFQ
- [RFQStatusType](#), required, this attribute affects the status types used at the document header and line item levels
 - ✧ Amended
 - ✧ Cancelled
 - ✧ Original
- [Language](#), optional defaults to “eng”
 - ✧ Indicates the language for the content of the message.

The RFQ root contains the following elements:

- [RFQHeader](#)
- [RFQLineItem](#)
- [RFQSummary](#)

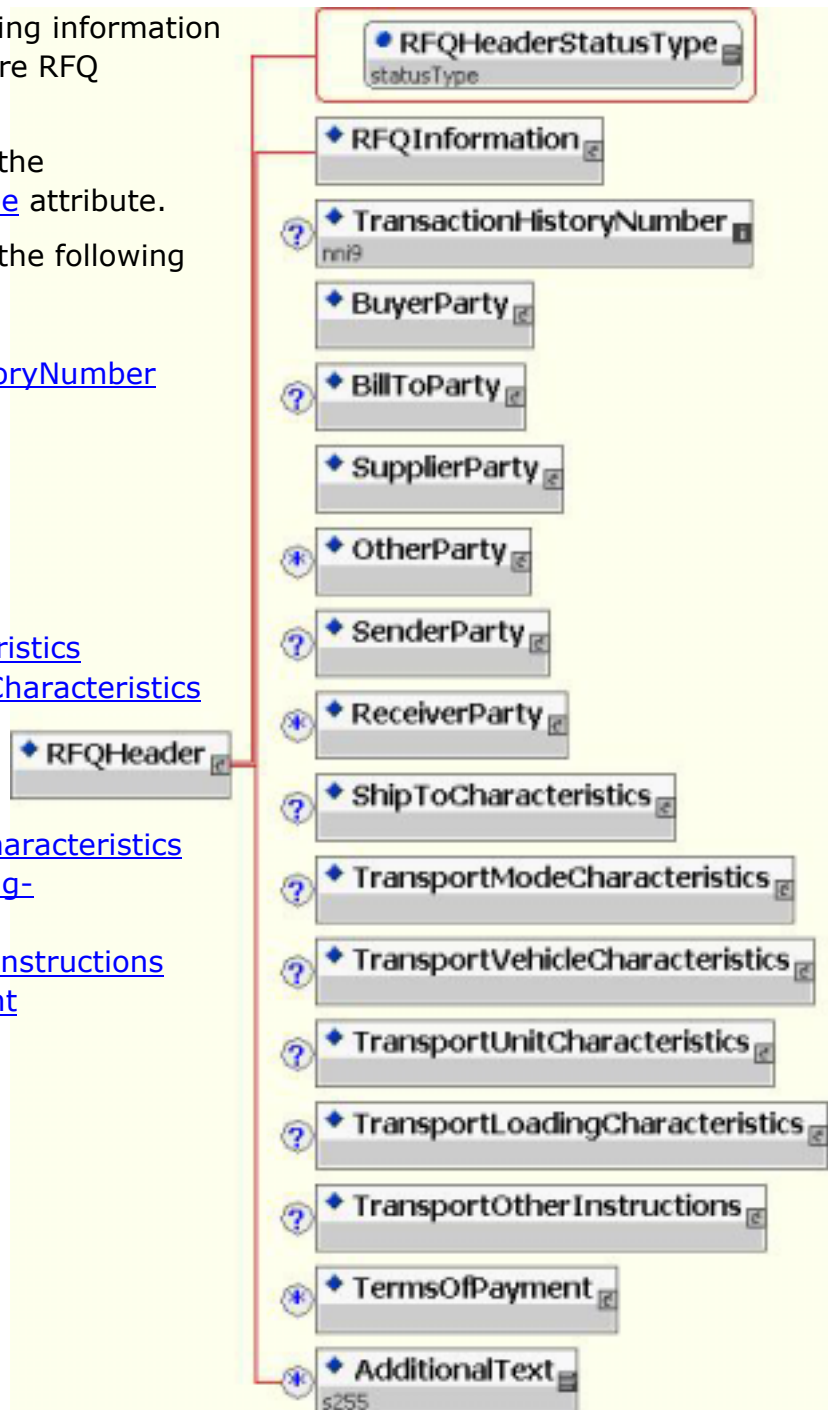
RFQHeader

A group item containing information applicable to the entire RFQ message.

RFQHeader contains the [RFQHeaderStatusType](#) attribute.

RFQHeader contains the following elements:

- [RFQInformation](#)
- [TransactionHistoryNumber](#)
- [BuyerParty](#)
- [BillToParty](#)
- [SupplierParty](#)
- [OtherParty](#)
- [SenderParty](#)
- [ReceiverParty](#)
- [ShipToCharacteristics](#)
- [TransportModeCharacteristics](#)
- [Transport-Vehicle-Characteristics](#)
- [TransportUnitCharacteristics](#)
- [TransportLoading-Characteristics](#)
- [TransportOtherInstructions](#)
- [TermsOfPayment](#)
- [AdditionalText](#)

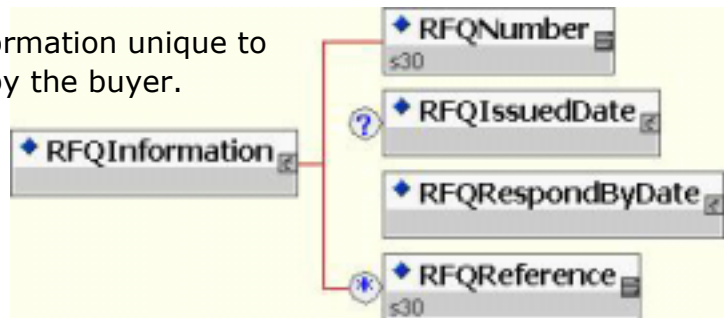


RFQInformation

A group item containing information unique to this RFQ which is provided by the buyer.

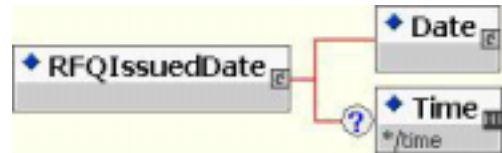
RFQInformation contains the following elements:

- [RFQNumber](#)
- [RFQIssuedDate](#)
- [RFQRespondByDate](#)
- [RFQReference](#)



RFQIssuedDate

The [Date](#) and [Time](#) the RFQ was issued.



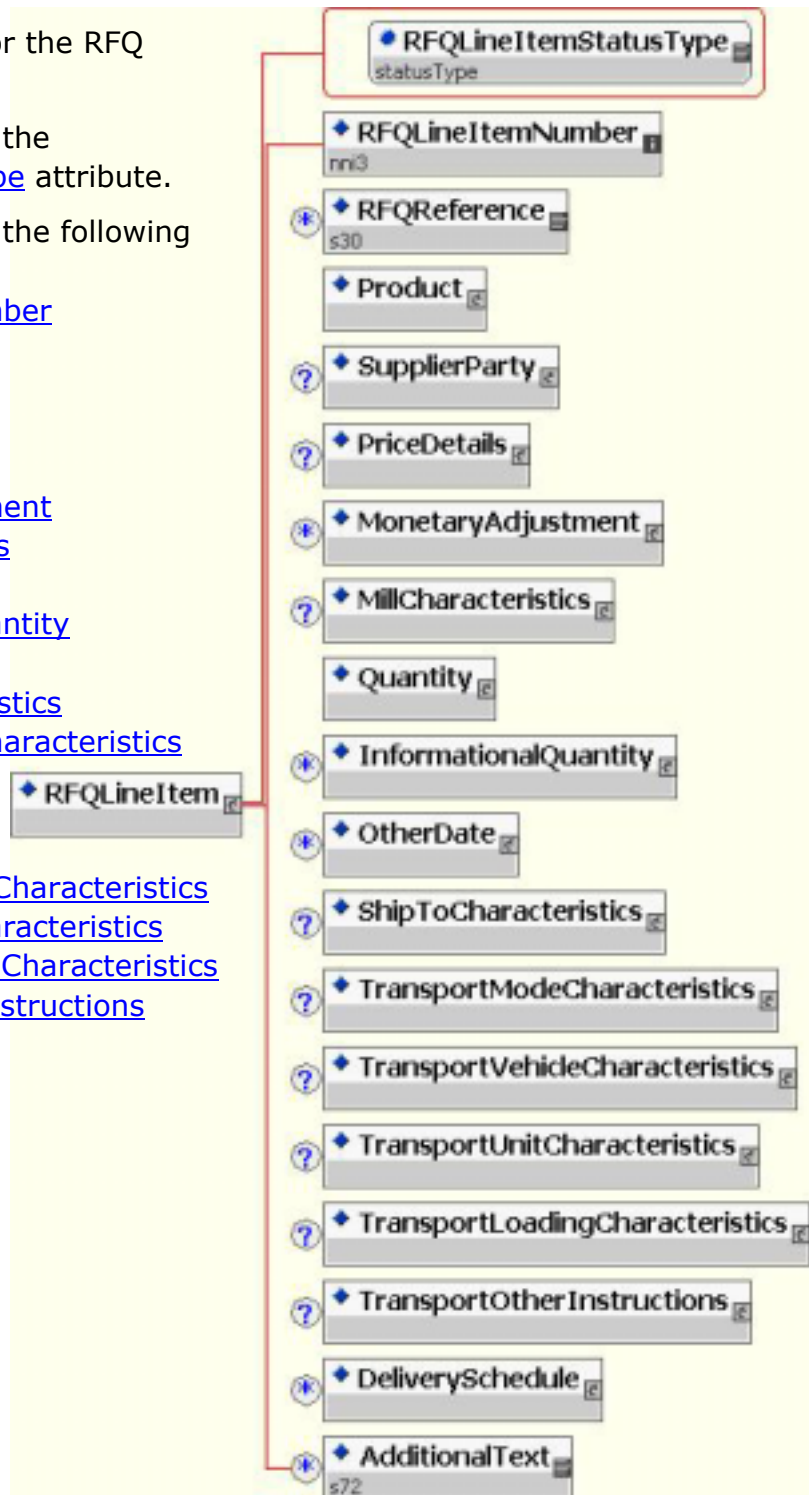
RFQLineItem

The repetitive detail for the RFQ message.

RFQLineItem contains the [RFQLineItemStatusType](#) attribute.

RFQLineItem contains the following elements:

- [RFQLineItemNumber](#)
- [RFQReference](#)
- [Product](#)
- [SupplierParty](#)
- [PriceDetails](#)
- [MonetaryAdjustment](#)
- [MillCharacteristics](#)
- [Quantity](#)
- [InformationalQuantity](#)
- [OtherDate](#)
- [ShipToCharacteristics](#)
- [TransportModeCharacteristics](#)
- [TransportVehicleCharacteristics](#)
- [TransportUnitCharacteristics](#)
- [TransportLoadingCharacteristics](#)
- [TransportOtherInstructions](#)
- [DeliverySchedule](#)
- [AdditionalText](#)



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RFQLineItemNumber

RFQRespondByDate

RFQLineItemNumber

A sequential number that uniquely identifies the RFQ line item.



RFQNumber

The unique RFQ identifier as designated by the customer.



RFQReference

A repeatable element that details the relevant references (such as contract number) pertaining to the RFQ. The RFQReference is defined by [RFQReferenceType](#).



RFQRespondByDate

The [Date](#) and [Time](#) by which a response needs to be received by the RFQ issuer.



RFQResponse

The root element of the RFQ Response.

RFQResponse contains the following attributes:

- [RFQResponse-StatusType](#)



- ✧ Accepted
- ✧ Amended
- ✧ Counter-proposal
- ✧ Rejected

- [Language](#)

- ✧ Indicates the language for the content of the message.

RFQResponse contains the following elements:

- [RFQResponseHeader](#)
- [RFQResponseLineItem](#)
- [MonetaryAdjustment](#)
- [RFQResponseSummary](#)

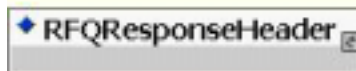
RFQResponseHeader

Information that pertains to the entire RFQ Response.

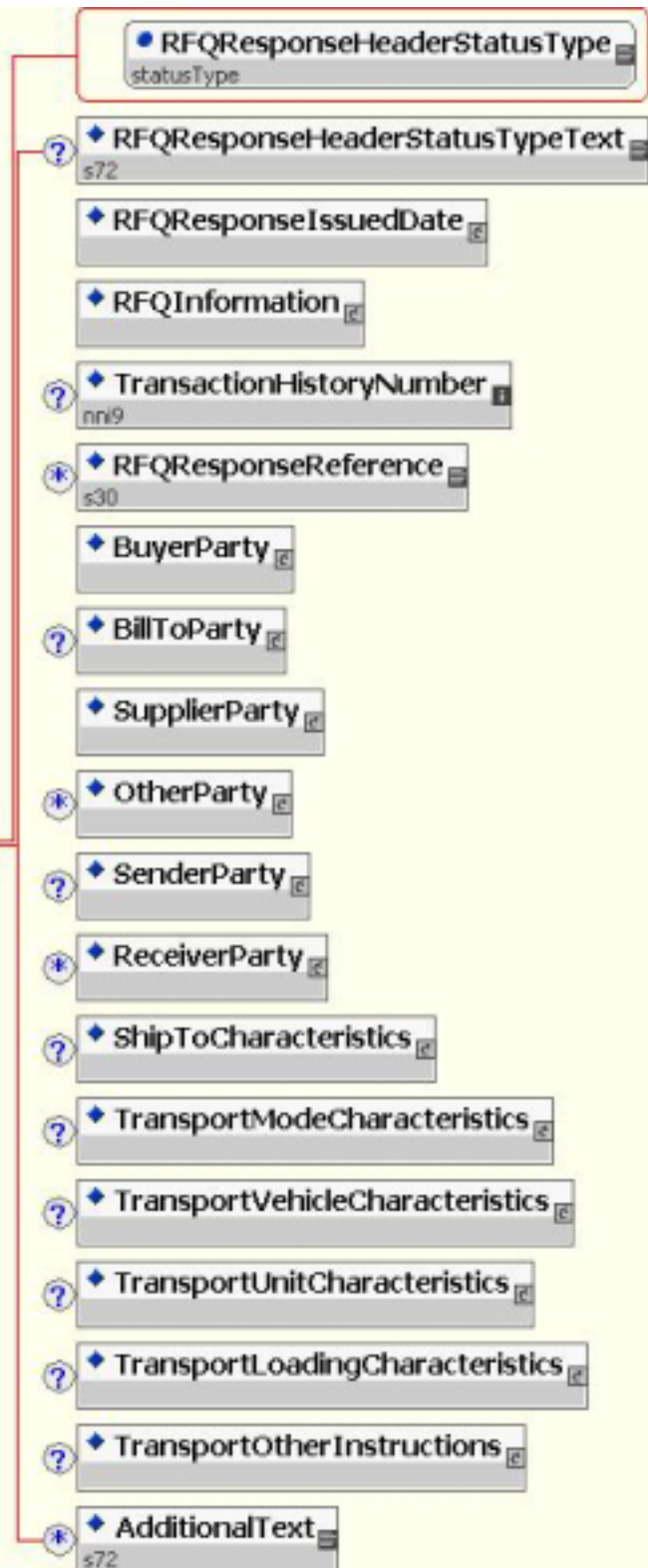
RFQResponseHeader contains the [RFQResponse-HeaderStatusType](#) attribute.

RFQResponseHeader contains the following elements:

- [RFQResponseHeader-StatusTypeText](#)
- [RFQResponseIssuedDate](#)
- [RFQInformation](#)
- [TransactionHistoryNumber](#)
- [RFQResponseReference](#)
- [BuyerParty](#)
- [BillToParty](#)
- [SupplierParty](#)
- [OtherParty](#)
- [SenderParty](#)
- [ReceiverParty](#)



- [ShipToCharacteristics](#)
- [TransportMode-Characteristics](#)
- [TransportVehicle-Characteristics](#)
- [TransportUnit-Characteristics](#)
- [TransportLoading-Characteristics](#)
- [TransportOtherInstructions](#)
- [TermsOfPayment](#)
- [AdditionalText](#)



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RFQResponseHeaderStatusTypeText

RFQResponseIssuedDate

RFQResponseHeaderStatusTypeText

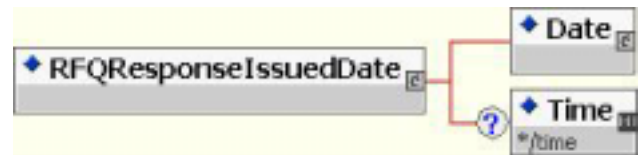
A text field that may provide detail explaining the status of the RFQResponse.



When an RFQ is rejected, the reason for the rejection must be specified in this field.

RFQResponseIssuedDate

The [Date](#) and [Time](#) that the response to the RFQ was created.



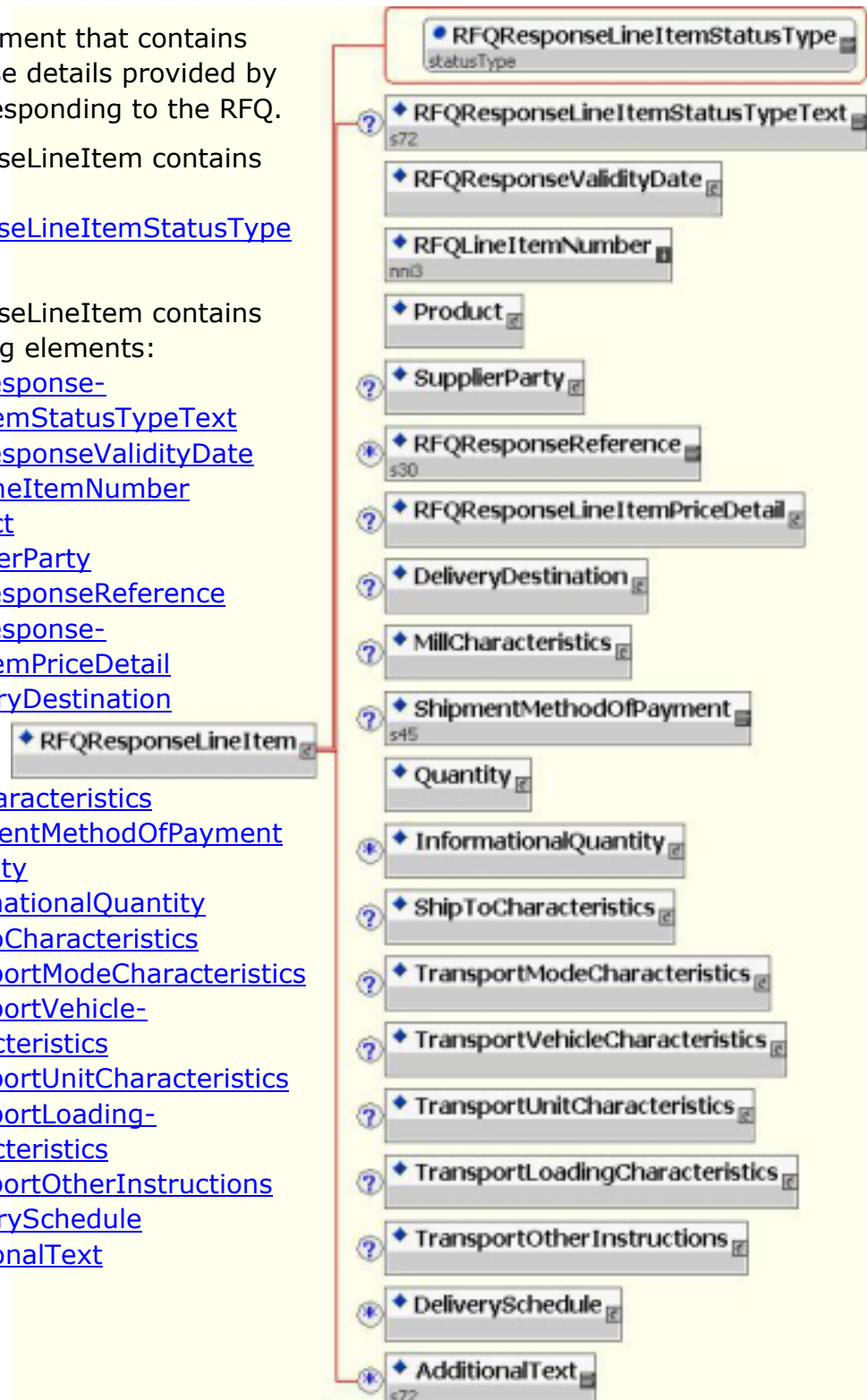
RFQResponseLineItem

A group element that contains the response details provided by the party responding to the RFQ.

RFQResponseLineItem contains the [RFQResponseLineItemStatusType](#) attribute.

RFQResponseLineItem contains the following elements:

- [RFQResponse-LineItemStatusTypeText](#)
- [RFQResponseValidityDate](#)
- [RFQLineItemNumber](#)
- [Product](#)
- [SupplierParty](#)
- [RFQResponseReference](#)
- [RFQResponse-LineItemPriceDetail](#)
- [DeliveryDestination](#)
- [MillCharacteristics](#)
- [ShipmentMethodOfPayment](#)
- [Quantity](#)
- [InformationalQuantity](#)
- [ShipToCharacteristics](#)
- [TransportModeCharacteristics](#)
- [TransportVehicle-Characteristics](#)
- [TransportUnitCharacteristics](#)
- [TransportLoading-Characteristics](#)
- [TransportOtherInstructions](#)
- [DeliverySchedule](#)
- [AdditionalText](#)



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RFQResponseLineItemPriceDetail

RFQResponseReference

RFQResponseLineItemPriceDetail

The pricing information associated with the response to an RFQ.

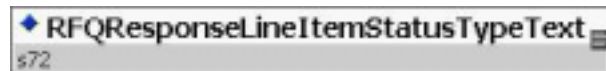


RFQResponseLineItemPriceDetail contains the following elements:

- [PriceDetails](#)
- [MonetaryAdjustment](#)

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.

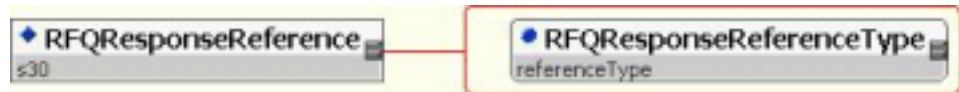
RFQResponseNumber

The identifying number of the RFQ Response.



RFQResponseReference

A repeatable element that details the relevant references (such as contract number) pertaining to the RFQResponse. [RFQResponseReferenceType](#) indicates what type of reference is being communicated.



RFQResponseSummary

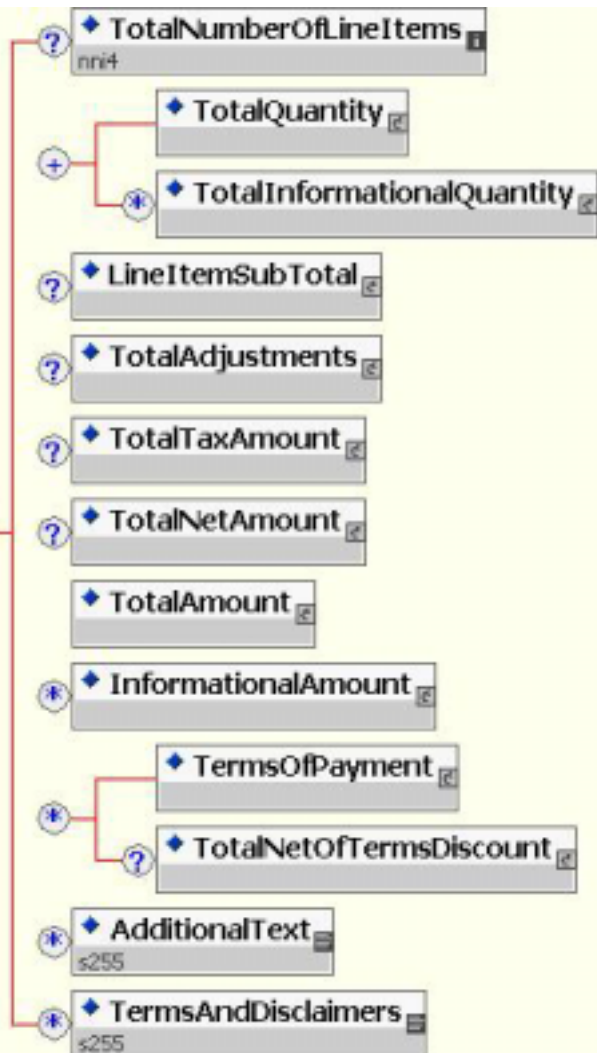
A group element that contains information that summarizes the contents of the RFQResponse.

RFQResponseSummary contains the following elements:

- [TotalNumberOfLineItems](#)
- [TotalQuantity](#)
- [TotalInformationalQuantity](#)
- [LineItemSubTotal](#)
- [TotalAdjustments](#)
- [TotalTaxAmount](#)
- [TotalNetAmount](#)



- [TotalAmount](#)
- [InformationalAmount](#)
- [TermsOfPayment](#)
- [TotalNetOfTermsDiscount](#)
- [AdditionalText](#)
- [TermsAndDisclaimers](#)



RFQResponseValidityDate

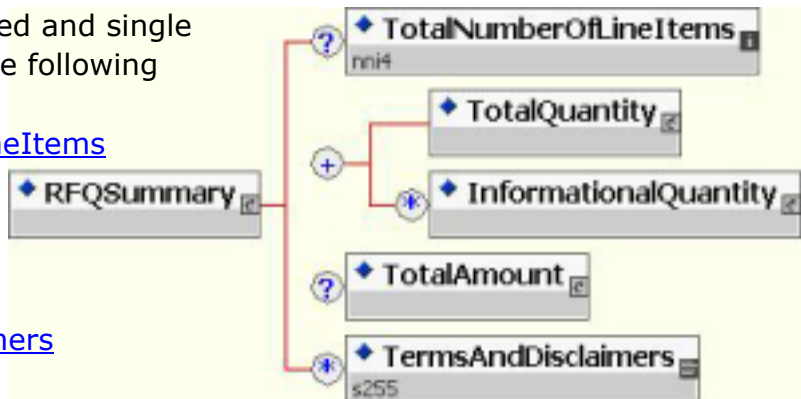
The [Date](#) and [Time](#) within which a response to the RFQ is valid.



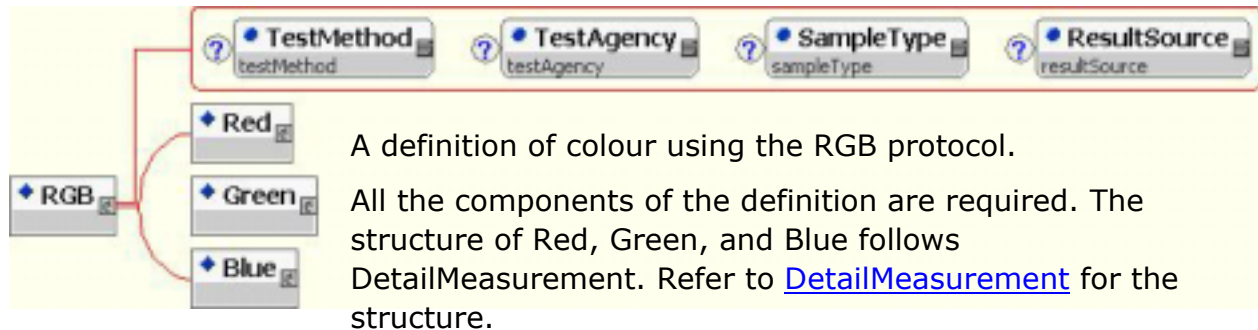
RFQSummary

RFQSummary is required and single instance; it contains the following elements:

- [TotalNumberOfLineItems](#)
- [TotalQuantity](#)
- [InformationalQuantity](#)
- [TotalAmount](#)
- [TermsAndDisclaimers](#)



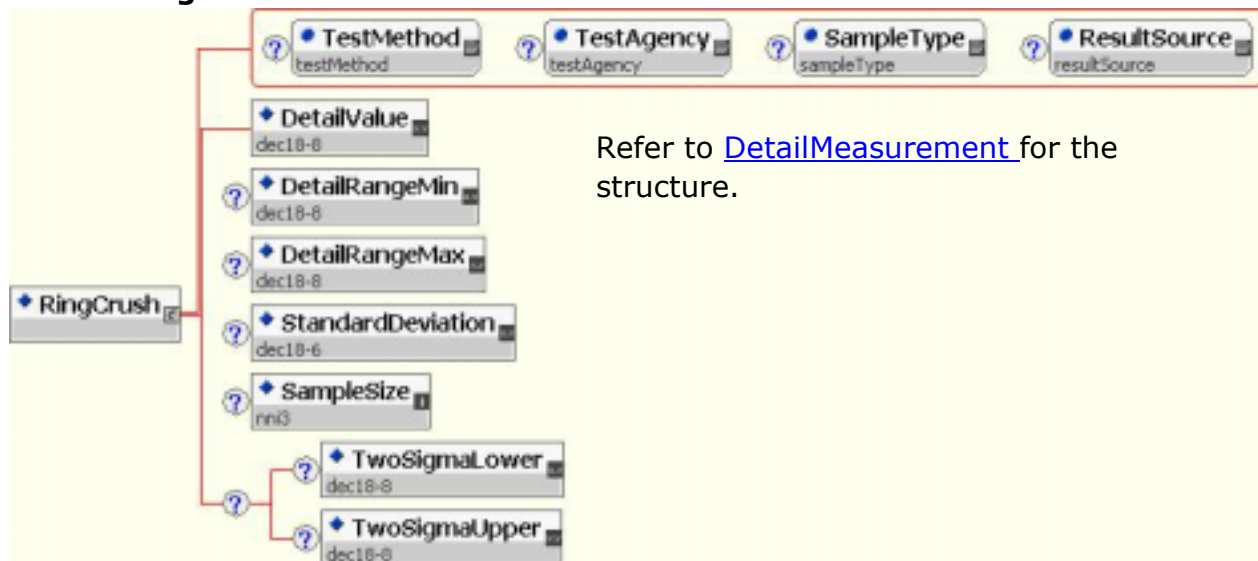
RGB



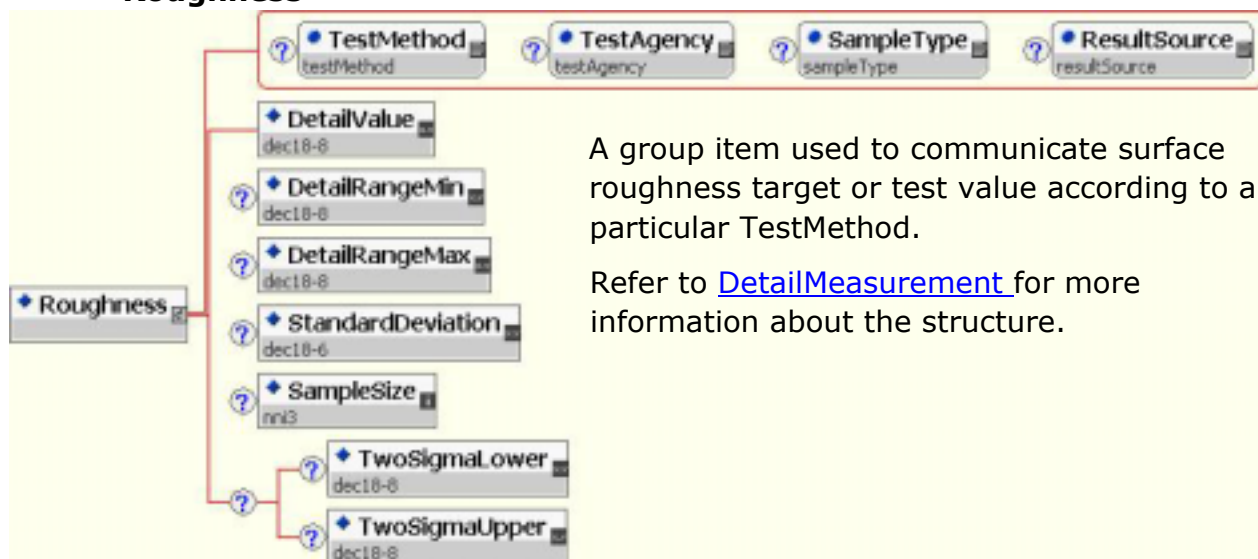
RGB contains the following attributes:

- [TestMethod](#)
- [TestAgency](#)
- [SampleType](#)
- [ResultSource](#)

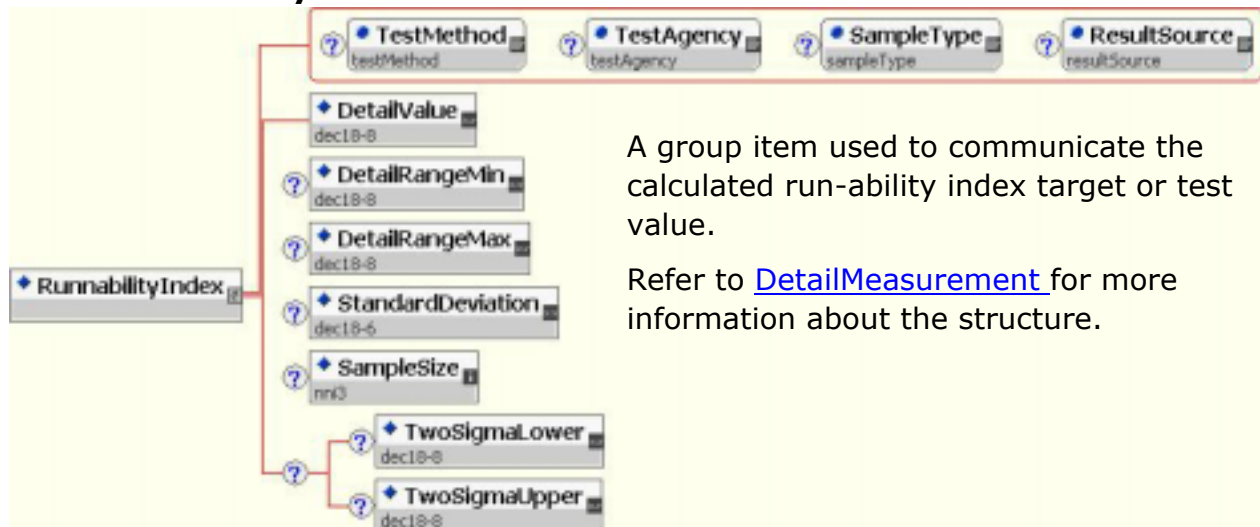
RingCrush



Roughness

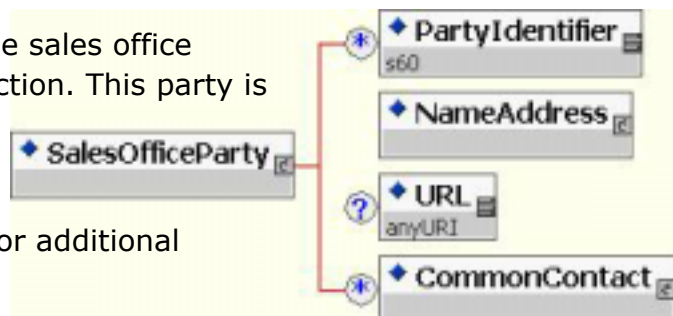


RunnabilityIndex



SalesOfficeParty

This named party represents the sales office involved in the business transaction. This party is only used in the communication of Order Status otherwise it is handled via OtherParty. Refer to [Party](#) for additional information.



SalesOfficeParty contains the following elements:

- [PartyIdentifier](#)
- [NameAddress](#)
- [URL](#)
- [CommonContact](#)

SampleSize

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



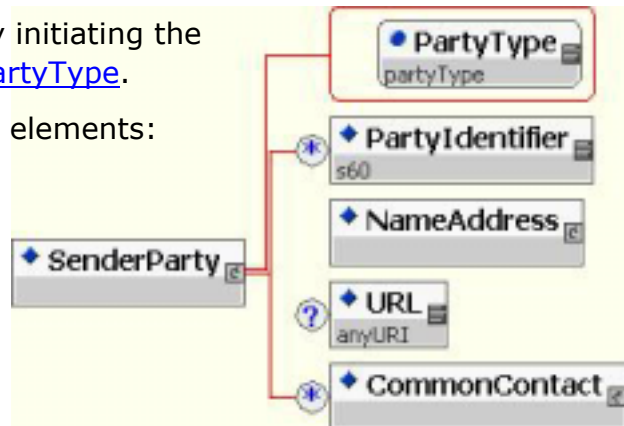
SenderParty

The organisation or business entity initiating the message, typed by the attribute [PartyType](#).

SenderParty contains the following elements:

- [PartyIdentifier](#)
- [NameAddress](#)
- [URL](#)
- [CommonContact](#)

Refer to [Party](#) (in the Glossary) for additional information.



SenderProductAttributesDescription

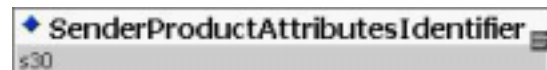
An element containing free text used to describe the set of products sent in the ProductAttributes message.

SenderProductAttributesDescription contains the [Language](#) attribute.



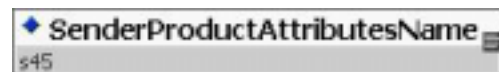
SenderProductAttributesIdentifier

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 messages with updates will use this same identifier.



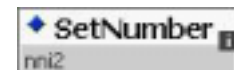
SenderProductAttributesName

The name given to the set of products sent in the ProductAttributes message.



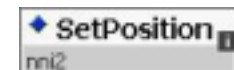
SetNumber

The part of the radius of the Tambour that constitutes the reel.



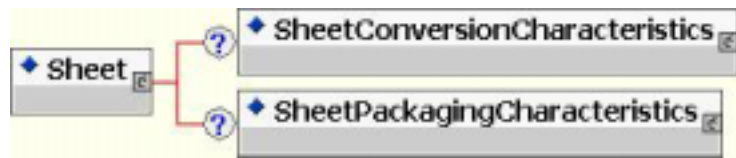
SetPosition

The position of the reel in relation to the reels cut across the Tambour.



Sheet

A group item that contains the conversion and packaging characteristics for sheets.



Sheet is a required, single instance and contains the following elements:

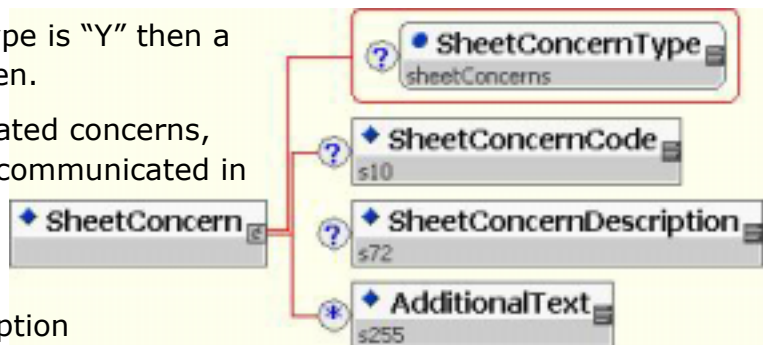
- [SheetConversionCharacteristics](#)
- [SheetPackagingCharacteristics](#)

SheetConcern

If the ConcernIndicatorType is "Y" then a defect cause must be given.

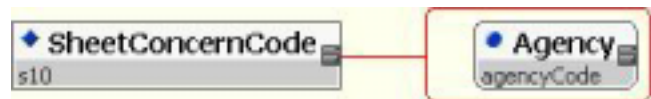
If there are any sheet related concerns, basic information can be communicated in the following construct.

- SheetConcernType
- SheetConcernCode
- SheetConcernDescription
- AdditionalText



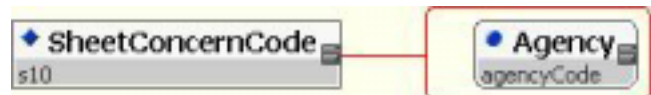
SheetConcernCode

Code used to identify problem with the sheet.



SheetConcernDescription

Description used to narrate the problem with the sheet.

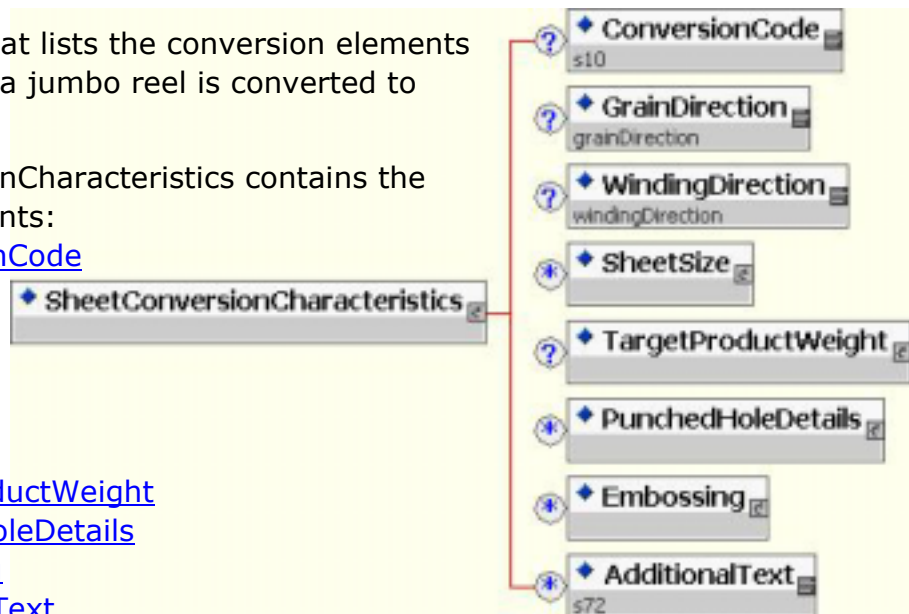


SheetConversionCharacteristics

A group item that lists the conversion elements describing how a jumbo reel is converted to sheets.

SheetConversionCharacteristics contains the following elements:

- [ConversionCode](#)
- [Grain-Direction](#)
- [Winding-Direction](#)
- [SheetSize](#)
- [TargetProductWeight](#)
- [PunchedHoleDetails](#)
- [Embossing](#)
- [AdditionalText](#)



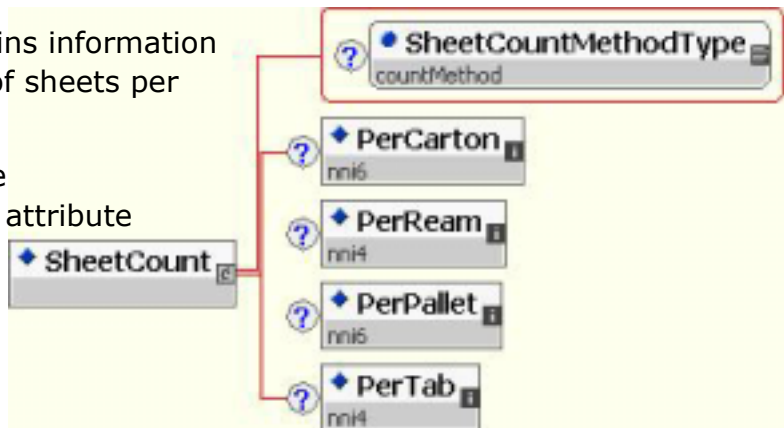
SheetCount

A group item that contains information relative to the number of sheets per packaging type.

SheetCount contains the [SheetCountMethodType](#) attribute

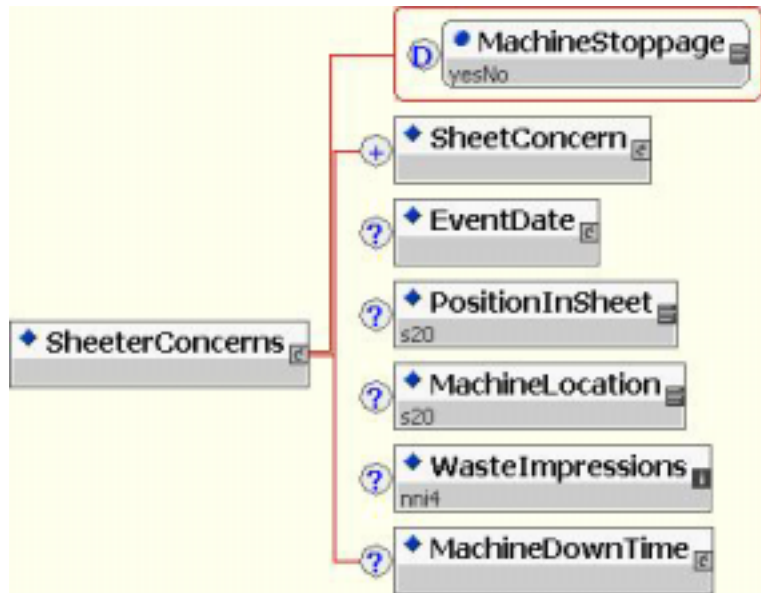
SheetCount contains the following element:

- [PerCarton](#)
- [PerReam](#)
- [PerPallet](#)
- [PerTab](#)



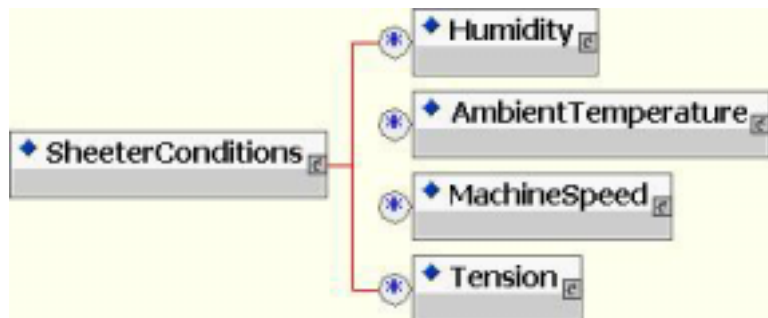
SheeterConcerns

SheeterConcerns is a group element that provides information about an event on a sheeter.



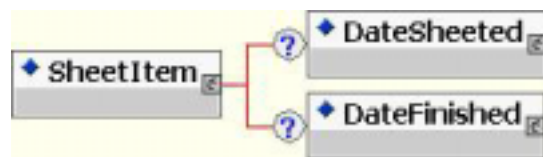
SheeterConditions

Identifies the environmental conditions when the sheet was printed on.



SheetItem

A group item consisting potentially of the date the sheets were converted into sheets and/or packaged or finished.



A SheetItem contains the:

- [DateSheeted](#)
- [DateFinished](#)

SheetPackagingCharacteristics

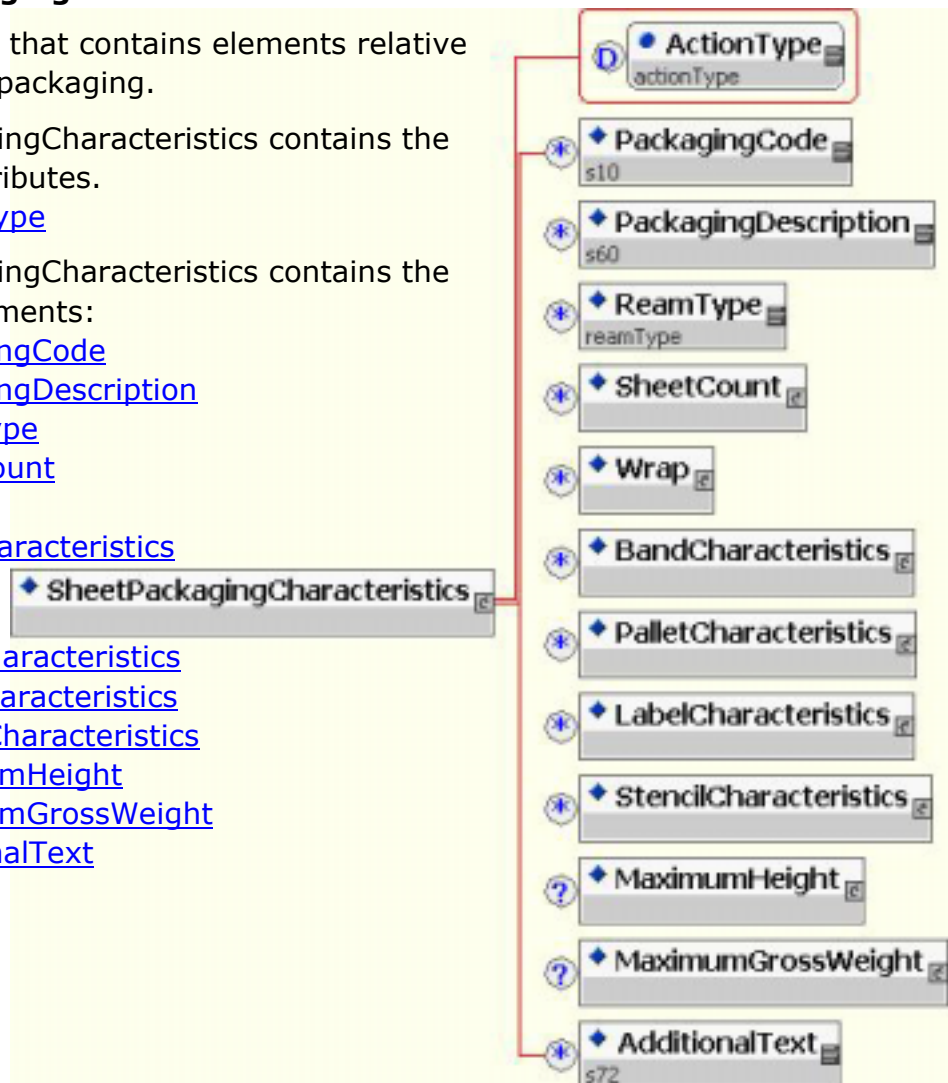
A group item that contains elements relative to the sheet packaging.

SheetPackagingCharacteristics contains the following attributes.

- [ActionType](#)

SheetPackagingCharacteristics contains the following elements:

- [PackagingCode](#)
- [PackagingDescription](#)
- [ReamType](#)
- [SheetCount](#)
- [Wrap](#)
- [BandCharacteristics](#)
- [PalletCharacteristics](#)
- [LabelCharacteristics](#)
- [StencilCharacteristics](#)
- [MaximumHeight](#)
- [MaximumGrossWeight](#)
- [AdditionalText](#)

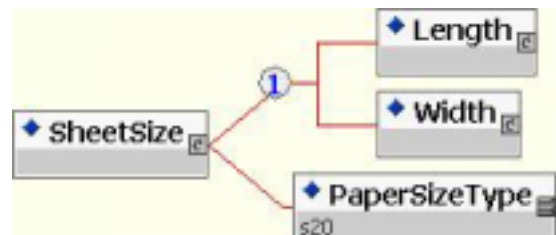


SheetSize

A group item that contains elements relative to the sheet size.

SheetSize has the following elements:

- [Length](#)
- [Width](#)
- [PaperSizeType](#)

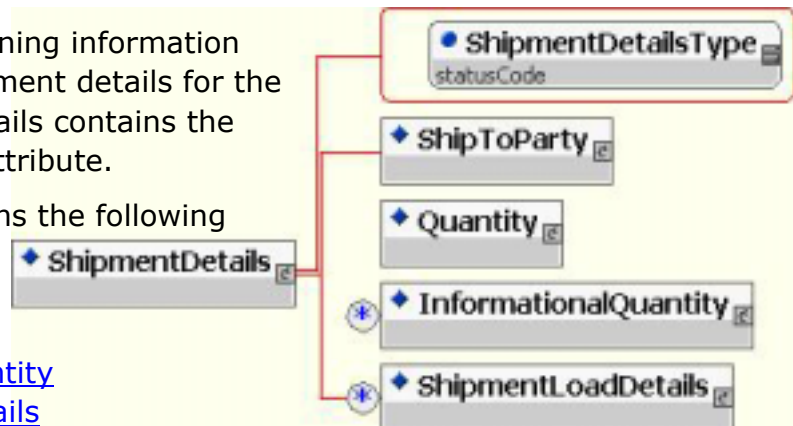


ShipmentDetails

A group element containing information that relates to the shipment details for the line item. ShipmentDetails contains the [ShipmentDetailsType](#) attribute.

ShipmentDetails contains the following elements:

- [ShipToParty](#)
- [Quantity](#)
- [InformationalQuantity](#)
- [ShipmentLoadDetails](#)

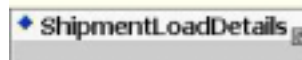


ShipmentLoadDetails

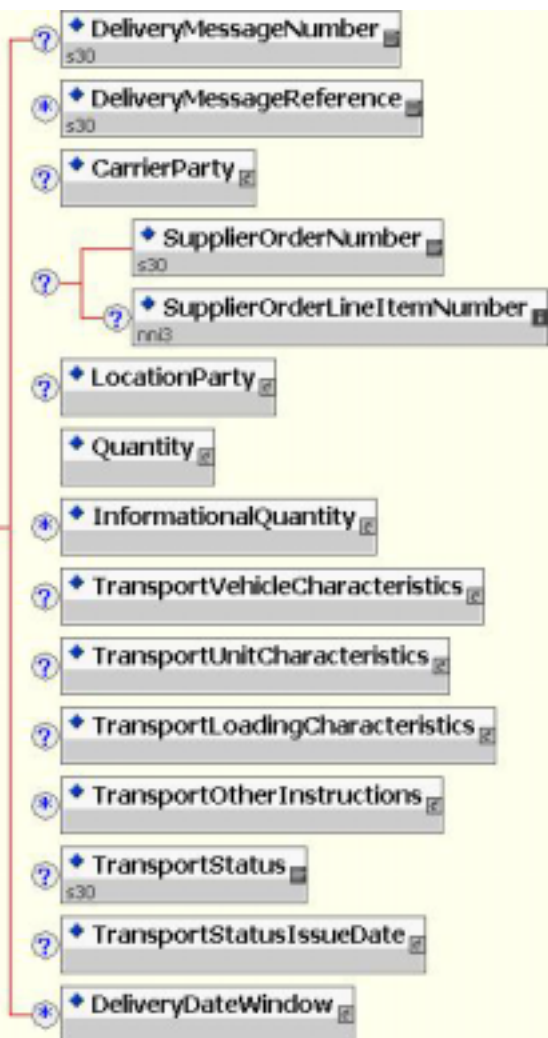
A group element that containing information that relates to the shipment load details for the line item. Carrier and transport information may be detailed.

ShipmentLoadDetails contains the following elements:

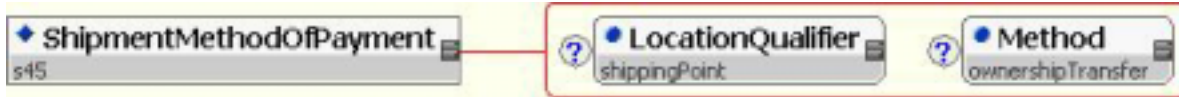
- [DeliveryMessageNumber](#)
- [DeliveryMessageReference](#)
- [CarrierParty](#)
- [SupplierOrderNumber](#)



- [SupplierOrderLineItemNumber](#)
- [LocationParty](#)
- [Quantity](#)
- [InformationalQuantity](#)
- [TransportVehicleCharacteristics](#)
- [TransportUnitCharacteristics](#)
- [TransportLoadingCharacteristics](#)
- [TransportOtherInstructions](#)
- [TransportStatus](#)
- [TransportStatusIssueDate](#)
- [DeliveryDateWindow](#)



ShipmentMethodOfPayment



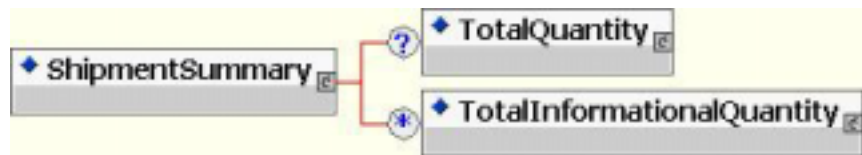
An element communicating responsibility of freight payment and when transfer of ownership will occur.

ShipmentMethodOfPayment contains the following attributes:

- [LocationQualifier](#)
- [Method](#)

ShipmentSummary

Summary information for an entire shipment



ShipmentSummary contains the following elements:

- TotalInformationalQuantity
- TotalQuantity

ShippingInstructions Root Element



ShippingInstructions contains the following attributes:

- [ShippingInstructionsType](#)
 - ✧ ShippingInstructionsConfirmation
 - ✧ ShippingInstructionsPackaging
 - ✧ ShippingInstructionsRouting
- [ShippingInstructionsStatusType](#)
 - ✧ Accepted
 - ✧ Amended
 - ✧ Cancelled
 - ✧ Original
 - ✧ Rejected
- [Reissued](#), indicates if this ShippingInstructions has been reissued.
 - ✧ Yes
 - ✧ No
- [Language](#), optional defaults to "eng" (English)
 - ✧ Indicates the language for the content of the message.

Elements:

- [ShippingInstructionsHeader](#)
- [ByProduct](#)
 - or
- [ByShipTo](#)
- [ShippingInstructionsSummary](#)

ShippingInstructionsConfirmationIssuedDate

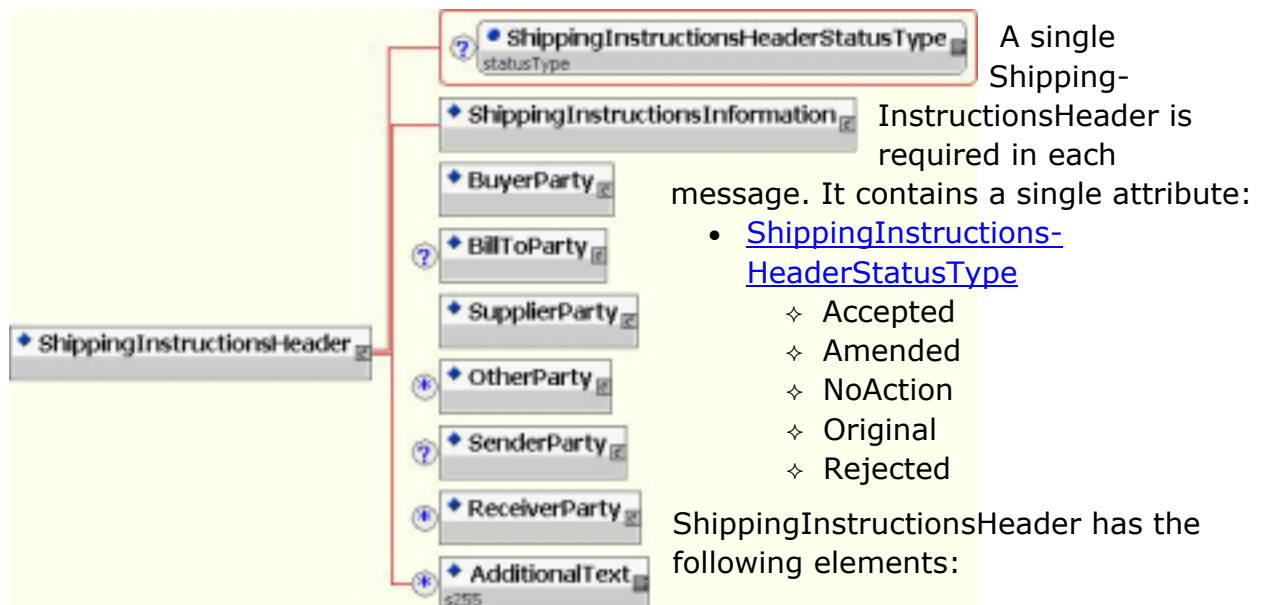
The date on which the shipping instruction confirmation was issued within the sellers system.



ShippingInstructionsConfirmationIssuedDate contains the following elements:

- Date
- Time

ShippingInstructionsHeader



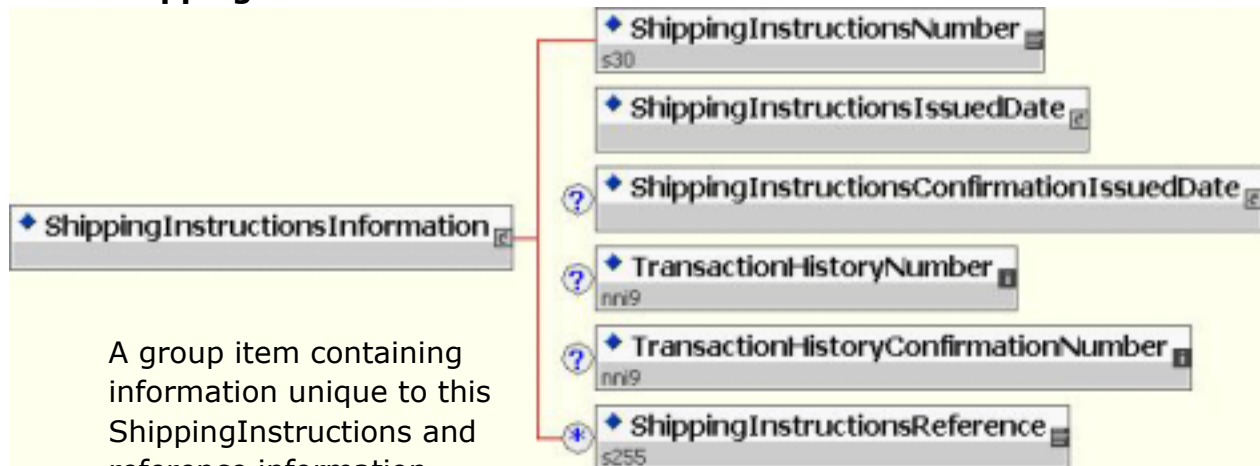
- [ShippingInstructionsInformation](#)
- [BuyerParty](#)
- [BillToParty](#)
- [SupplierParty](#)
- [OtherParty](#)
- [SenderParty](#)
- [ReceiverParty](#)
- [AdditionalText](#)

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ShippingInstructionsInformation

ShippingInstructionsIssuedDate

ShippingInstructionsInformation



A group item containing information unique to this ShippingInstructions and reference information used to identify the product to be shipped

ShippingInstructionsInformation contains the following elements:

- ShippingInstructionsNumber
- ShippingInstructionsIssuedDate
- ShippingInstructionsConfirmationIssuedDate
- TransactionHistoryNumber
- ShippingInstructionsReference

ShippingInstructionsIssuedDate

The date on which the shipping instruction was issued within the buyer's system.



ShippingInstructionsIssuedDate contains the following elements:

- Date
- Time

ShippingInstructionsLineItemByProduct

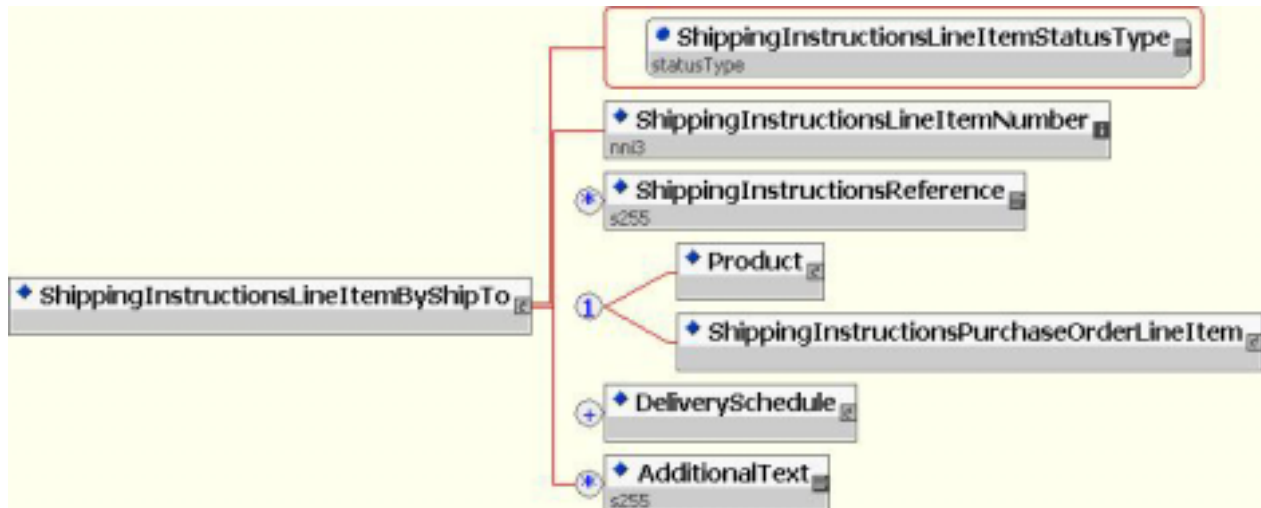
ShippingInstructionsLineItemByProduct has a required attribute that indicates the status of the line item:

- ShippingInstructionsLineItemStatusType
 - ✧ Accepted
 - ✧ Amended
 - ✧ Cancelled
 - ✧ NoAction
 - ✧ Original
 - ✧ Pending

ShippingInstructionsLineItemByProduct contains the following elements:

- ShippingInstructionsLineItemNumber
- ShippingInstructionsReference
- ShipToInformation
- DeliverySchedule
- TransportModeCharacteristics
- TransportVehicleCharacteristics
- TransportUnitCharacteristics
- TransportLoadingCharacteristics
- TransportOtherInstructions
- AdditionalText
- Rejected

ShippingInstructionsLineItemByShipTo



ShippingInstructionsLineItemByShipTo contains the following elements:

- ShippingInstructionsLineItemNumber
- ShippingInstructionsReference

A choice of one of either of the two elements is required:

- Product
- ShippingInstructionsPurchaseOrderLineItem

And then the following elements:

- DeliverySchedule
- AdditionalText

ShippingInstructionsLineItemNumber

The sequential number that uniquely identifies the shipping instructions line item.



ShippingInstructionsNumber

The unique shipping instruction identifier as designated by the customer.

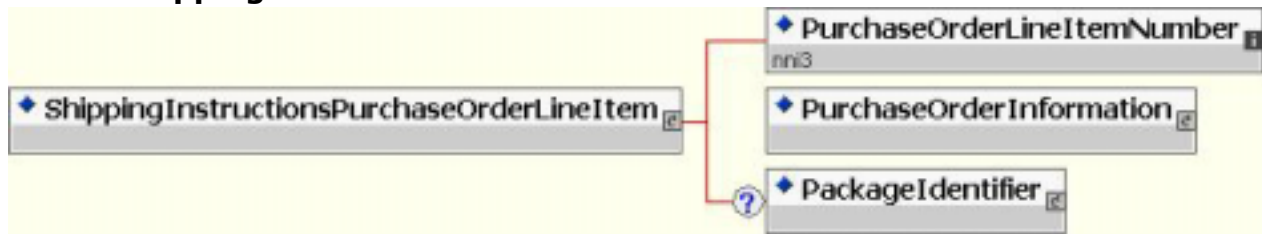


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ShippingInstructionsPurchaseOrderL

ShippingInstructionsSummary

ShippingInstructionsPurchaseOrderLineItem

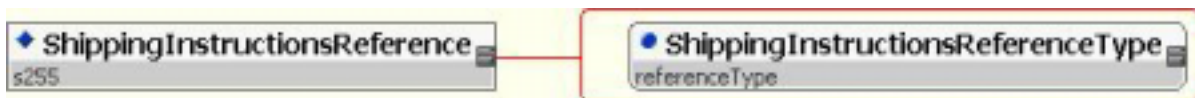


Purchase order line item information for purchase order being referenced in shipping instructions.

ShippingInstructionsPurchaseOrderLineItem contains the following elements:

- PurchaseOrderLineItemNumber
- PurchaseOrderInformation
- PackageIdentifier

ShippingInstructionsReference

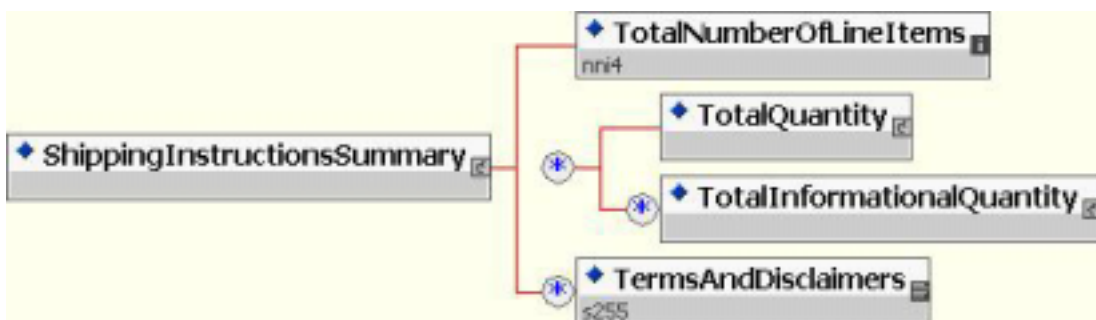


A group item detailing relevant references (such as ISBN) pertaining to the shipping instructions and/or product being shipped.

ShippingInstructionsReference contains the following attributes:

- ShippingInstructionsReferenceType

ShippingInstructionsSummary



ShippingInstructionsSummary contains the following elements:

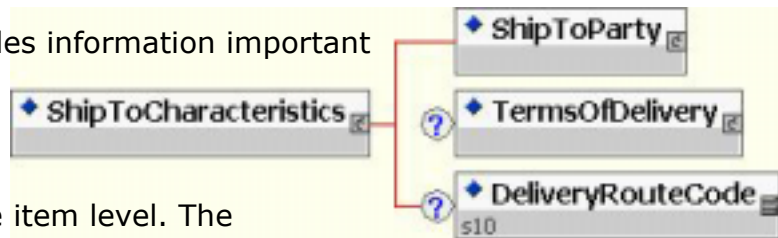
- [TotalNumberOfLineItems](#)
- [TotalQuantity](#)
- [TotalInformationalQuantity](#)
- [TermsAndDisclaimers](#)

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. ShipToCharacteristics contains the following elements:

- [ShipToParty](#)
- [TermsOfDelivery](#)
- [DeliveryRouteCode](#)

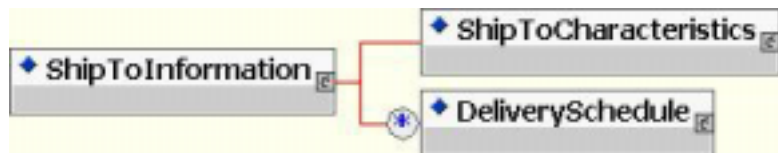


ShipToInformation

Group element containing information about the ship to and delivery of a product.

ShipToInformation contains the following elements:

- ShipToCharacteristics
- DeliverySchedule

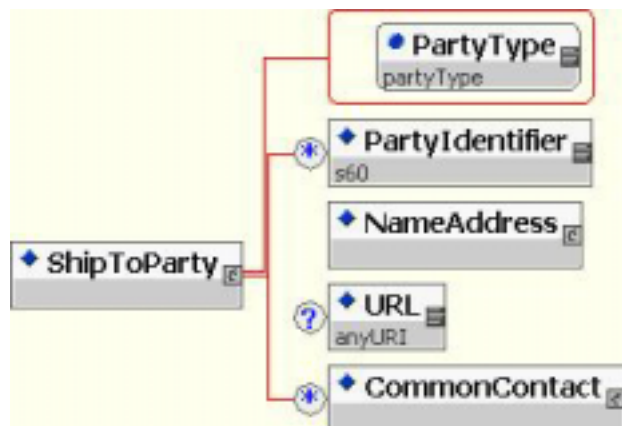


ShipToParty

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

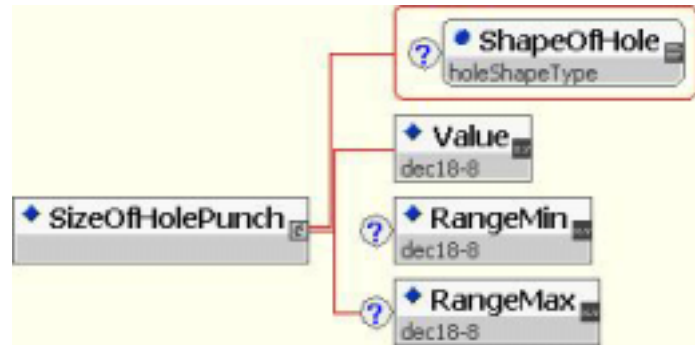
ShipToParty contains the following elements:

- [PartyIdentifier](#)
- [NameAddress](#)
- [URL](#)
- [CommonContact](#)

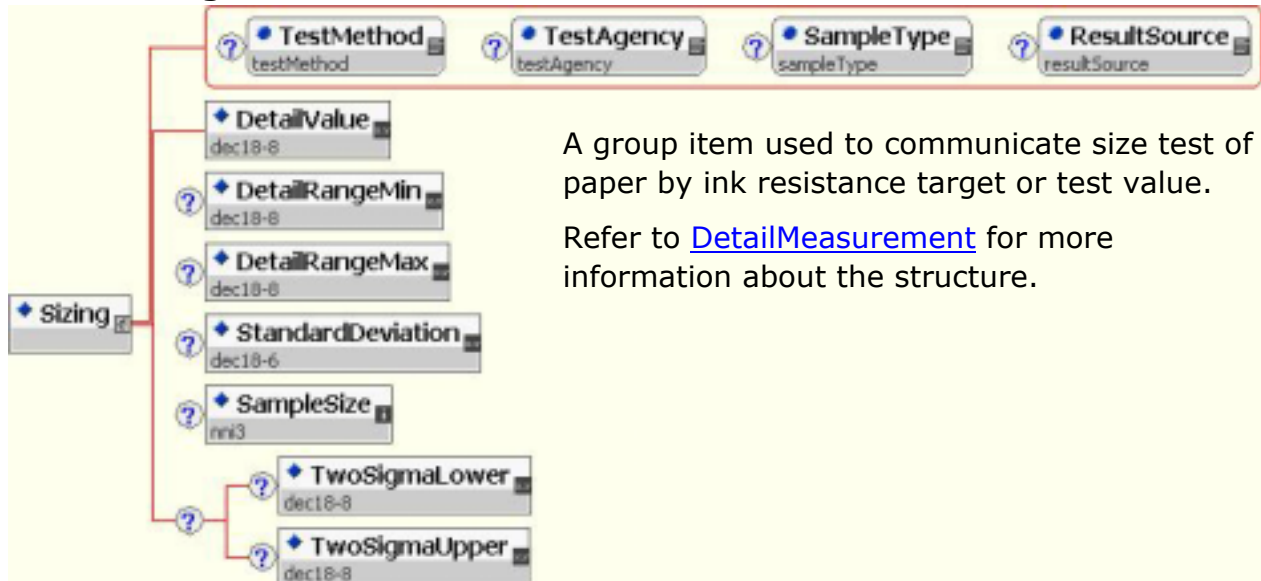


SizeOfHolePunch

A definition of the size and shape of the punched holes.



Sizing



A group item used to communicate size test of paper by ink resistance target or test value.

Refer to [DetailMeasurement](#) for more information about the structure.

Slurry

Product that has moisture content high enough to prevent formation of a sheet, and which can be delivered in liquid form.



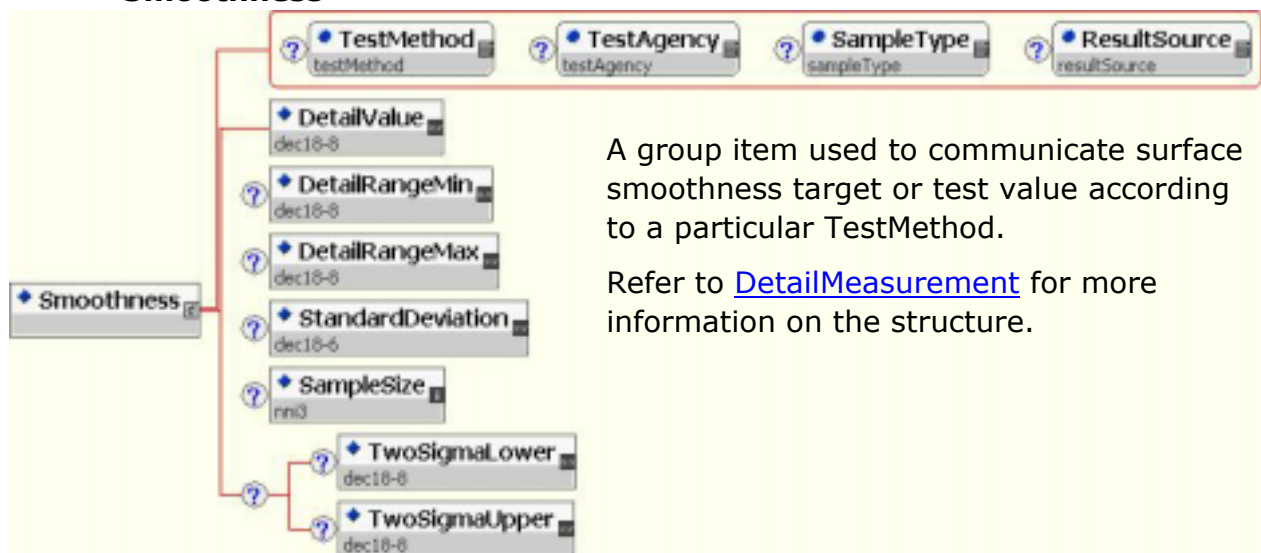
Examples:

- Noodle pulp, is pumped into trucks as thick slurry, and then pumped directly into the hydro-pulper. 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.

Slurry contains the following elements:

- [TargetSolidsContent](#)
- [AdditionalText](#)

Smoothness



A group item used to communicate surface smoothness target or test value according to a particular TestMethod.

Refer to [DetailMeasurement](#) for more information on the structure.

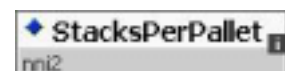
StackingMethod

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).



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StandardDeviation

StencilCharacteristics

StandardDeviation

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

StandardDeviation contains the [UOM](#) attribute.



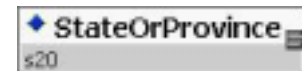
StartIdentifierRange

An element that identifies the starting item identifier in the range of items that contributed to the aggregated measurements for the range.



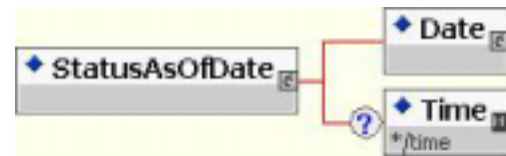
StateOrProvince

The political designation or boundary of a specific area of land.



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.



StencilCharacteristics



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

StencilCharacteristics contains the following attributes:

- [StencilInkType](#)
- [StencilLocation](#)
- [StencilContent](#)
- [StencilFormat](#)

Additionally it contains the following element:

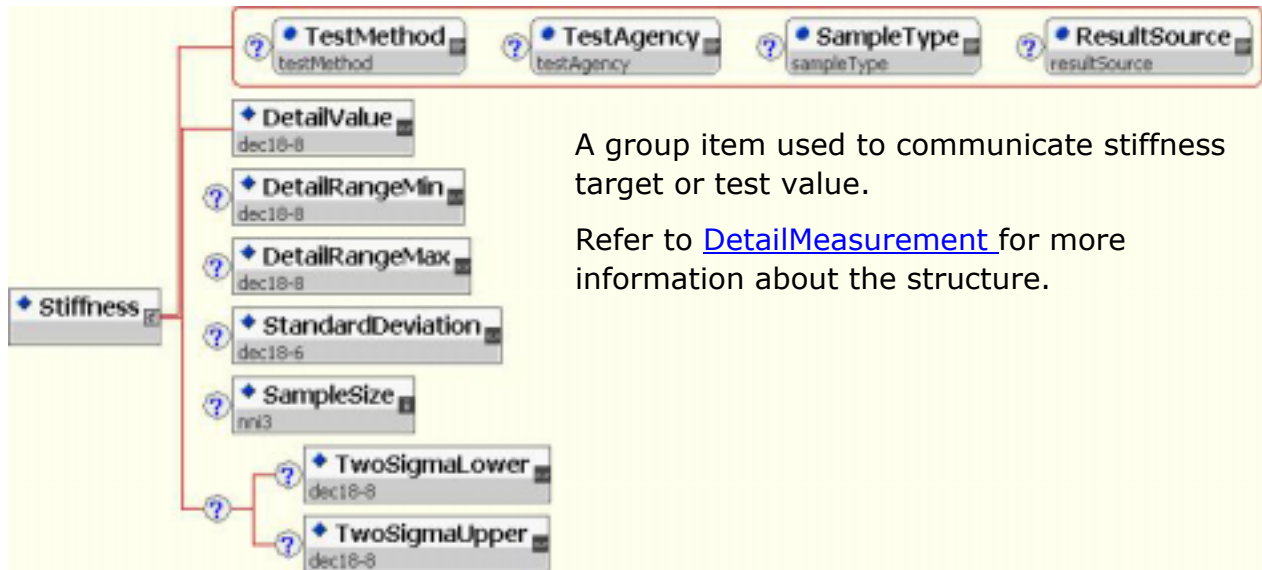
- [StencilText](#)

StencilText

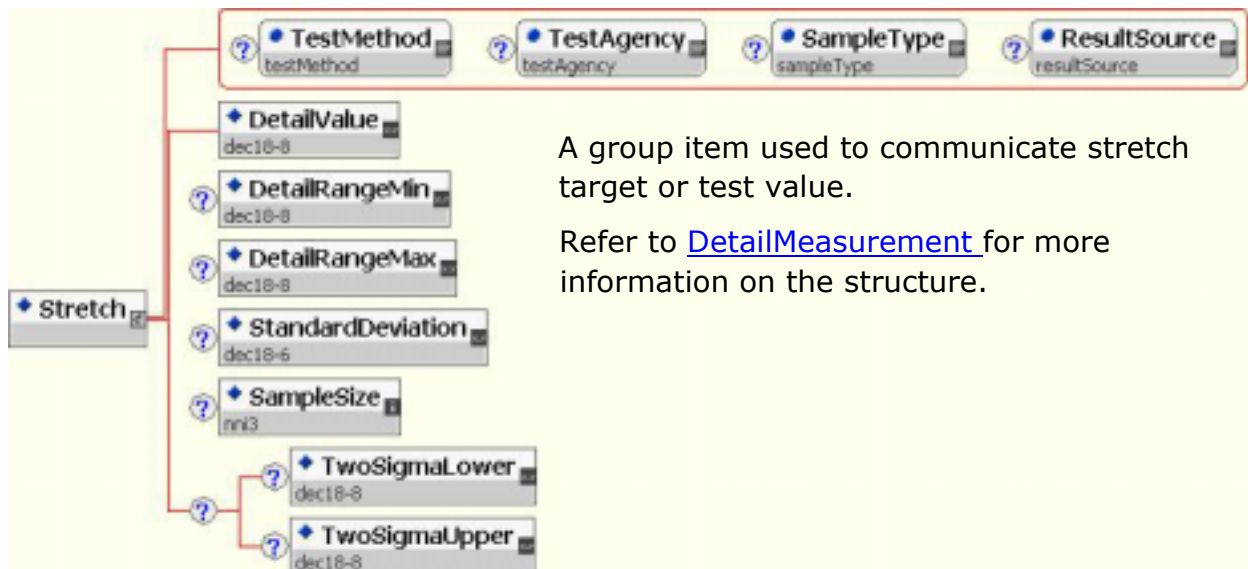
Plain text that is to be stencilled on the product. Used in conjunction with StencilContent = "PlainText".



Stiffness



Stretch



SuppliedComponentInformation

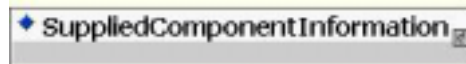
Information about components supplied by the publisher to the vendor i.e. paper supplied to the print vendor or jackets supplied to the bind vendor.

SuppliedComponentInformation contains the following attributes:

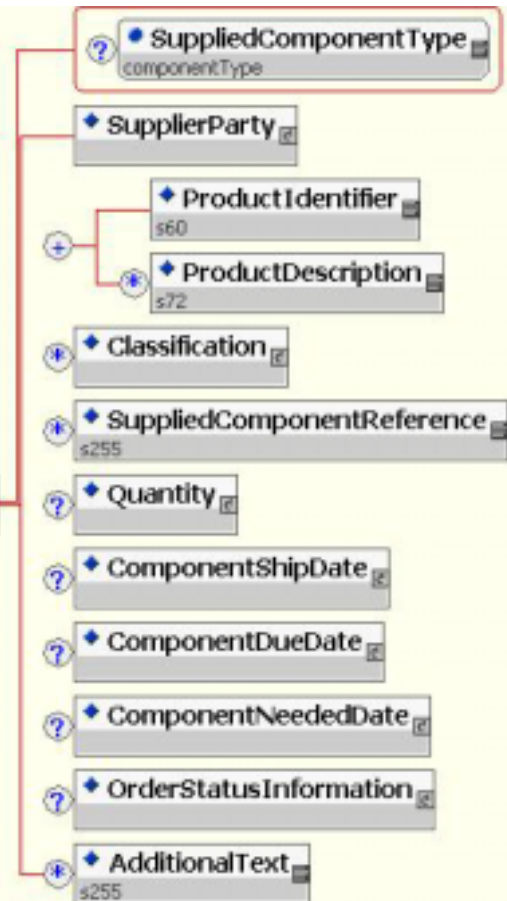
- SuppliedComponentType

SuppliedComponentInformation contains the following elements:

- SupplierParty
- ProductIdentifier

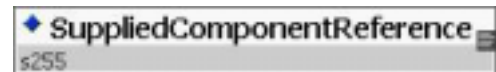


- ProductDescription
- Classification
- SuppliedComponentReference
- Quantity
- ComponentShipDate
- ComponentDueDate
- ComponentNeededDate
- OrderStatusInformation
- AdditionalText



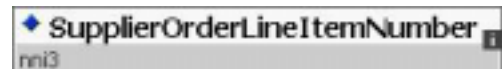
SuppliedComponentReference

Used to send component purchase order number for supplied components if they need to be returned on a invoice



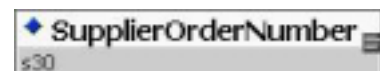
SupplierOrderLineItemNumber

The line item number from the supplier order.



SupplierOrderNumber

The number of the supplier order.

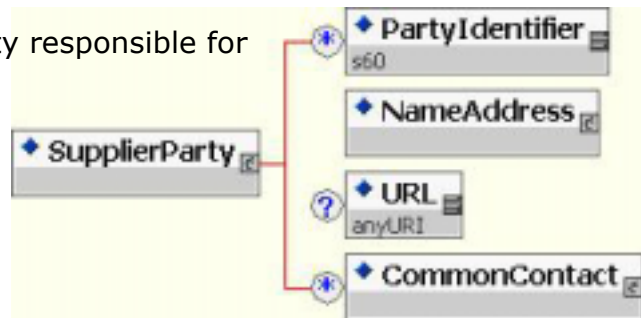


SupplierParty

The organisation or business entity responsible for providing the product.

SupplierParty contains the following elements:

- [PartyIdentifier](#)
- [NameAddress](#)
- [URL](#)
- [CommonContact](#)



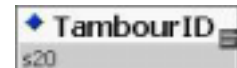
Refer to [Party](#) for additional information

SurfaceStrength



TambourID

The unique identifier of the jumbo reel (also called mother reel or Tambour).

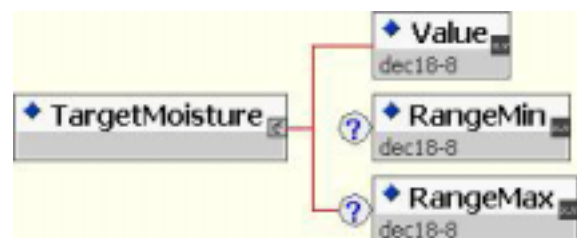


TargetMoisture

The moisture target for the product being specified.

TargetMoisture contains the following elements:

- [Value](#)
- [RangeMin](#)
- [RangeMax](#)



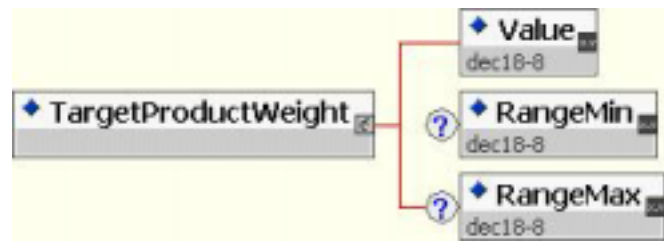
TargetProductWeight

TaxAmount

TargetProductWeight

The desired weight of the finished product.

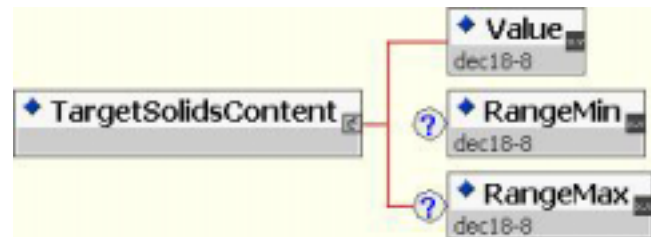
Refer to [Measurement](#) for more information about the structure.



TargetSolidsContent

The target amount of solids for the slurry being produced.

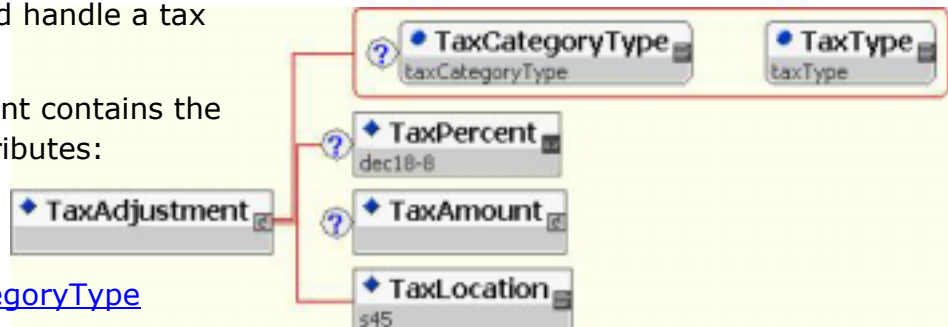
Refer to [Measurement](#) for more information about the structure.



TaxAdjustment

This content element contains the necessary information to describe, calculate, and handle a tax adjustment.

TaxAdjustment contains the following attributes:



- [TaxCategoryType](#)
- [TaxType](#)

TaxAdjustment contains the following elements:

- [TaxPercent](#)
- [TaxAmount](#)
- [TaxLocation](#)

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](#).

TaxAmount encapsulates the [CurrencyValue](#) element.



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.



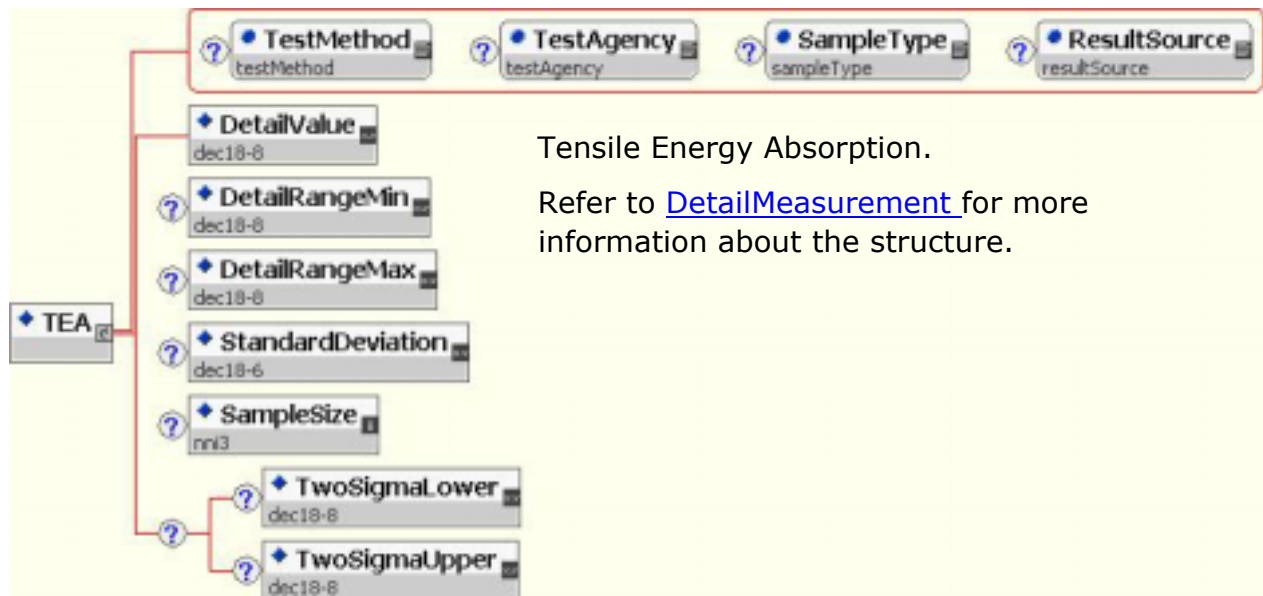
TaxPercent

The fixed tax percentage to be applied according to specific tax regulations.



If the [TaxCategoryType](#) is "Zero" and there is a non-zero value in this element, the message can be rejected by the receiver.

TEA

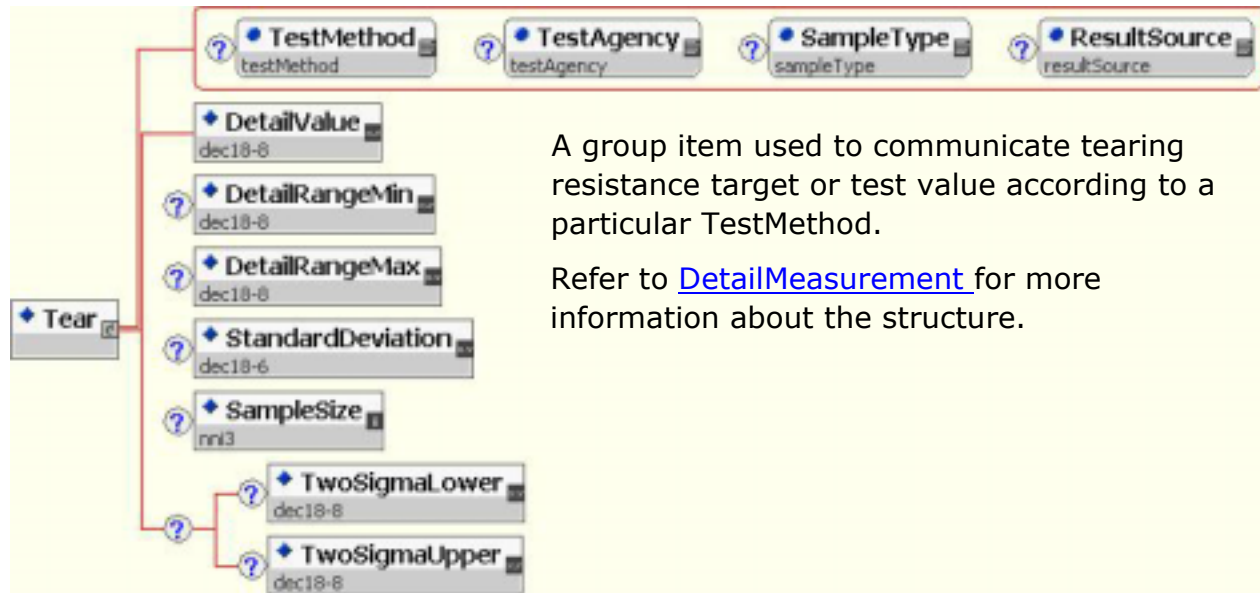


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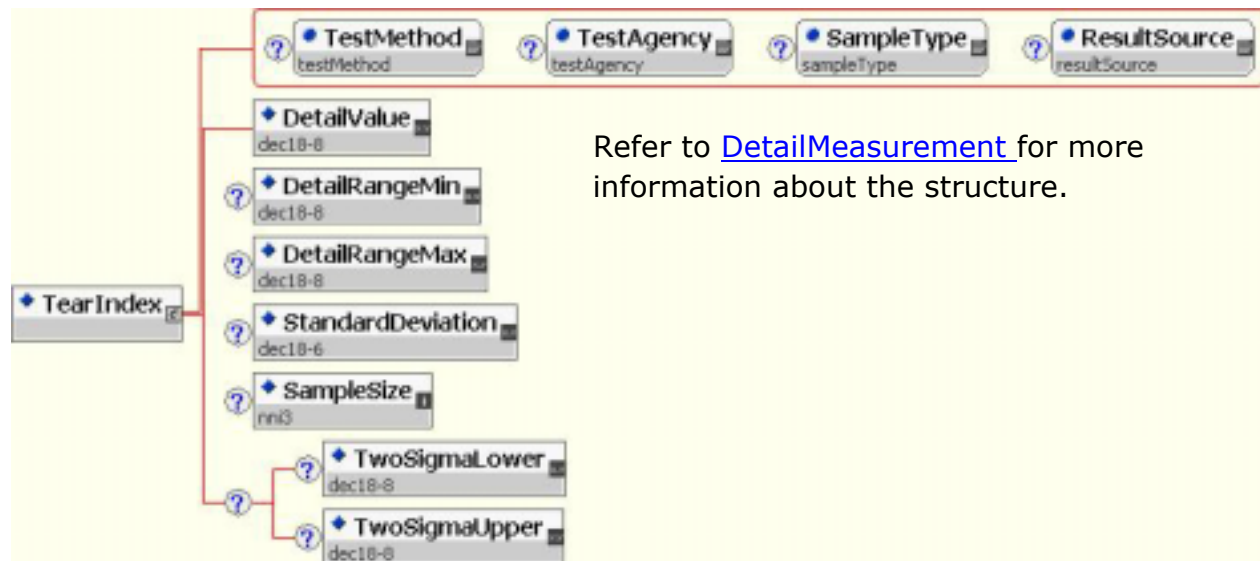
Tear

Telephone

Tear



TearIndex



Telephone

The business phone number of the individual associated with the [ContactName](#).

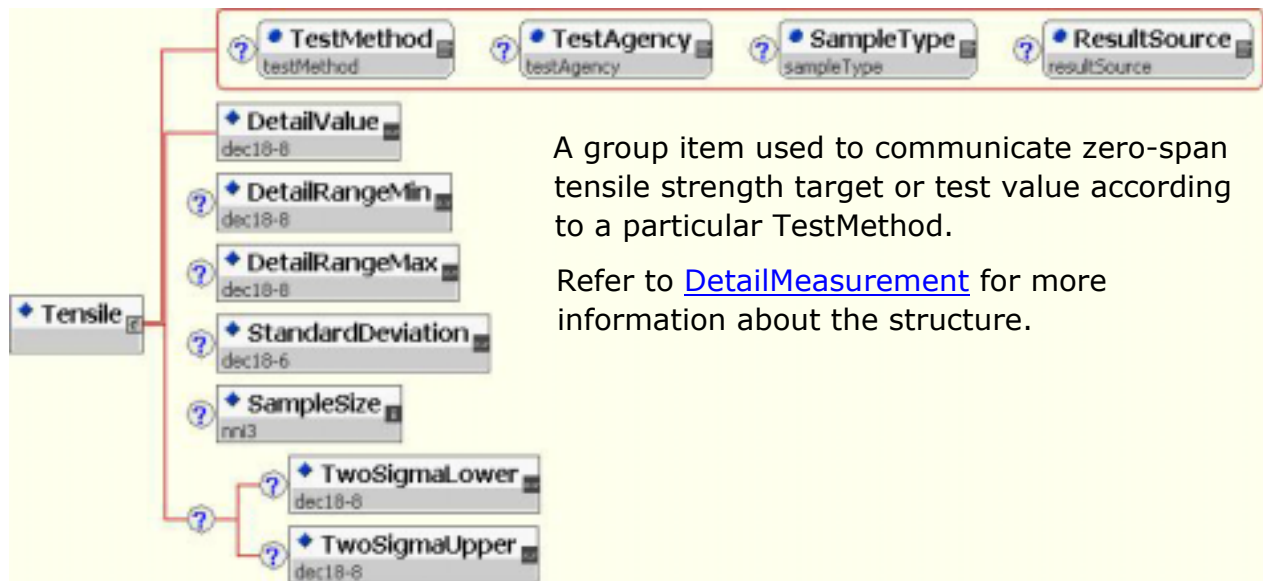


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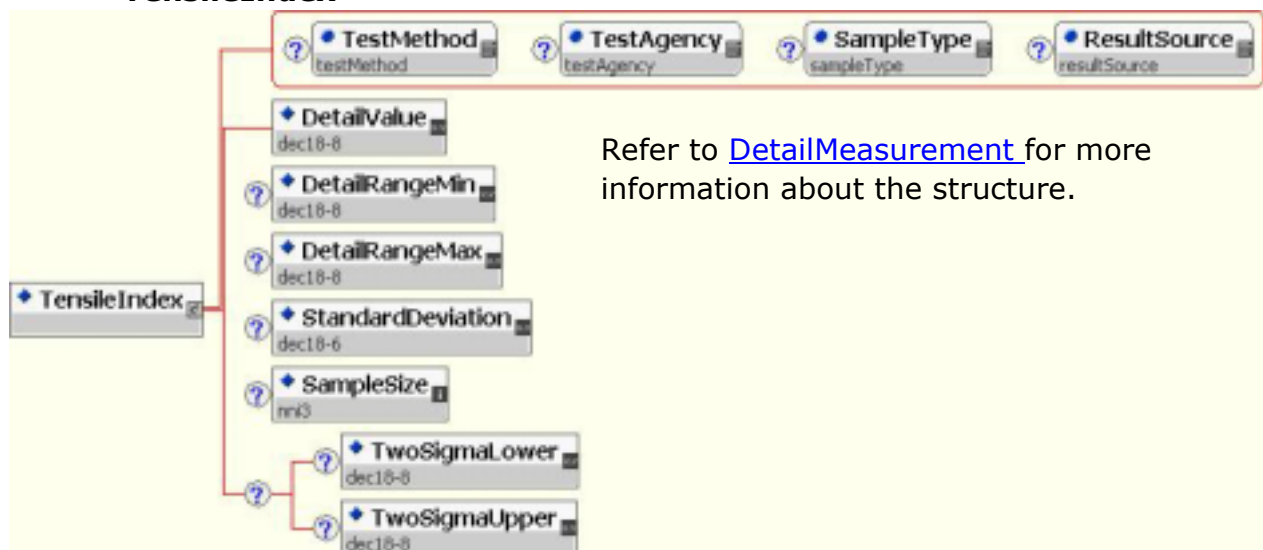
Tensile

Tension

Tensile

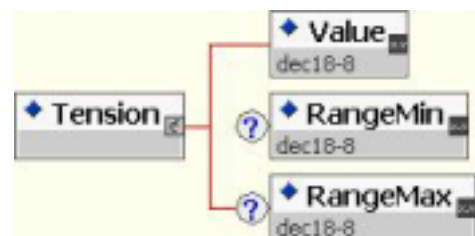


TensileIndex



Tension

Tension of the web on the printing press.



TermsAndDisclaimers

A repeatable element that contains legal information with an indication of what the [Language](#) is.



TermsBasisDate

The [Date](#) and [Time](#) on which the terms-of-payment calculations are based.



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.

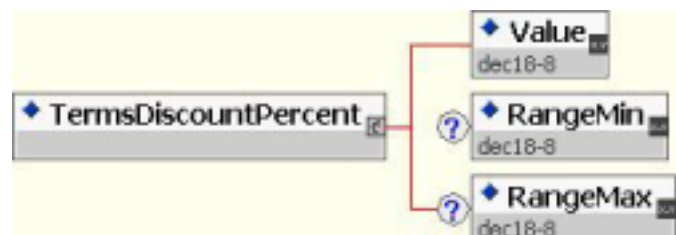


TermsDiscountPercent

The percentage taken away from the invoice line items; a result of the terms of payment.

TermsDiscountPercent contains the following elements:

- [Value](#)
- [RangeMin](#)
- [RangeMax](#)

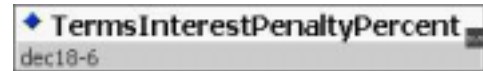


TermsInterestPenaltyPercent

TermsOfDelivery

TermsInterestPenaltyPercent

The penalty associated with not meeting the terms discount parameters.



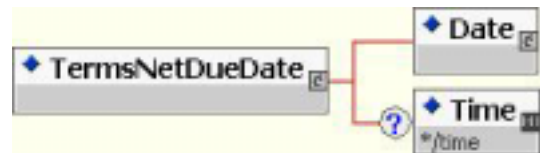
TermsNetDaysDue

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.



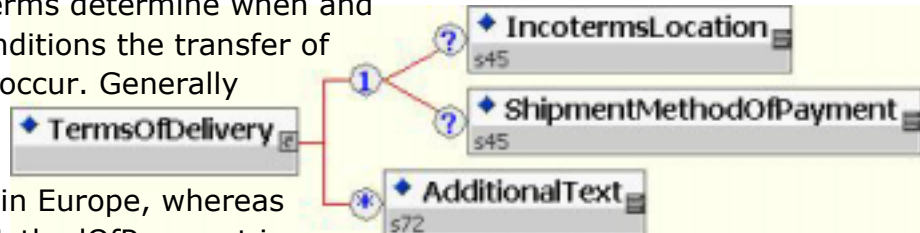
TermsOfChartering

The terms of the vessel chartering.



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.



TermsOfDelivery contains either:

- [IncotermsLocation](#)

or:

- [ShipmentMethodOfPayment](#)

and:

- [AdditionalText](#)

TermsOfPayment

A group item that contains agreed-to terms defining when, how, and under what conditions the payment of the goods is to be made.

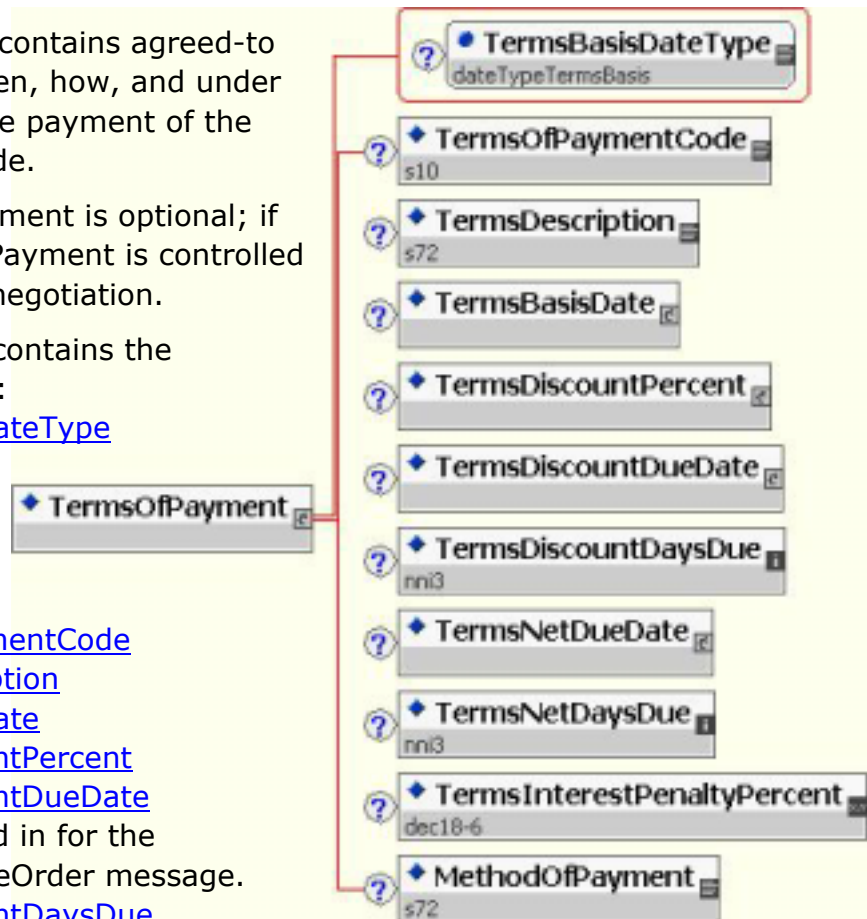
When TermsOfPayment is optional; if omitted, TermsOfPayment is controlled through previous negotiation.

TermsOfPayment contains the following attribute:

- [TermsBasisDateType](#)

TermsOfPayment contains the following elements:

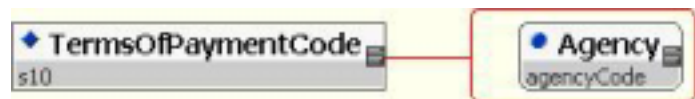
- [TermsOfPaymentCode](#)
- [TermsDescription](#)
- [TermsBasisDate](#)
- [TermsDiscountPercent](#)
- [TermsDiscountDueDate](#)
 - ✧ Not filled in for the PurchaseOrder message.
- [TermsDiscountDaysDue](#)
- [TermsNetDueDate](#)
 - ✧ Not filled in for the PurchaseOrder message.
- [TermsNetDaysDue](#)
- [TermsInterestPenaltyPercent](#)
- [MethodOfPayment](#)



TermsOfPaymentCode

A code used as a shorthand representation for the

TermsOfPayment. The [Agency](#) attribute is used to indicate the source of the code.

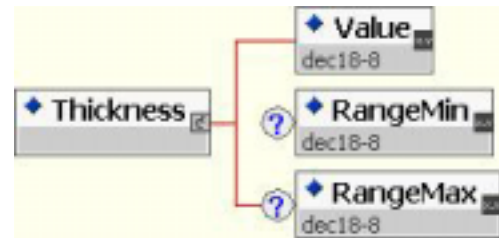


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Thickness

TimePeriod

Thickness



TiersPerPallet

The number of tiers on the pallet, where a tier is a layer of items.



Time

An element that contains the time of the event.



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, hh:mm:ss, hh:mm:ssZ, or hh:mm:ss±hh:mm.

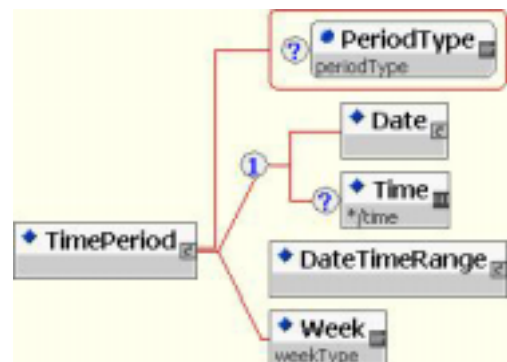
- hh:mm:ss±hh:mm is used to represent a time with a time zone. The time zone is communicated as the number of hours offset from the Universal Time Coordinate (UTC), a.k.a. Greenwich Mean Time.
- hh:mm:ssZ indicates the time at Zulu (another name for UTC). Based on the convention described in the next 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 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](#).

TimePeriod contains the following elements:

- [Date](#)
- [Time](#)
- [DateTimeRange](#)
- [Week](#)



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TotalAdjustments

TotalInformationalAmount

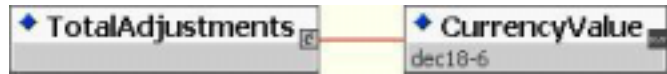
TotalAdjustments

TotalAdjustments contains the sum of all instances of

PriceAdjustment and FlatAmountAdjustment at the line and summary level.

TotalAdjustments contains the sum of all instance of the

MonetaryAdjustmentAmount excluding tax amounts. TotalAdjustments encapsulates the [CurrencyValue](#) element.



TotalAmount

A field containing the total amount including tax.

PurchaseOrder – The total amount, using a valid unit of measure of all

the items in the message. Multiple total amounts are allowed so different units of measure or grade sub-totals can be communicated.

Invoice - TotalAmount is equal to [TotalNetAmount](#) plus [TotalTaxAmount](#). In certain countries this is the amount that is due for payment based upon the terms of payment.

TotalAmount encapsulates the [CurrencyValue](#) element.



TotalBlanketOrderValue

The authorized amount of the blanket purchase order.

TotalBlanketOrderValue encapsulates the [CurrencyValue](#) element.



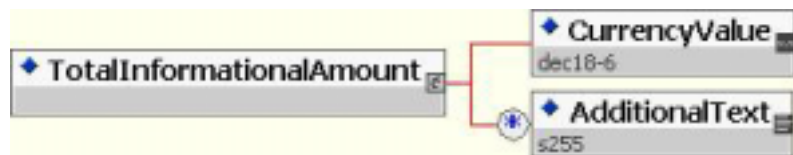
TotalInformationalAmount

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.

InformationalAmount contains the elements:

- [CurrencyValue](#)
- [AdditionalText](#)

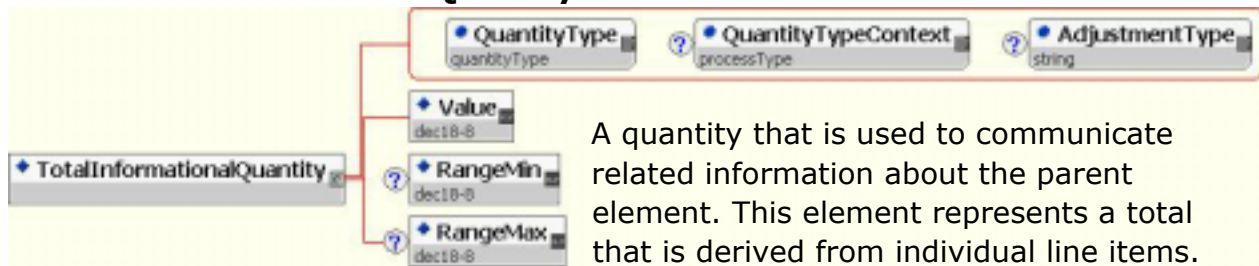


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TotalInformationalQuantity

TotalNetAmount

TotalInformationalQuantity



TotalInformationalQuantity contains the following attributes:

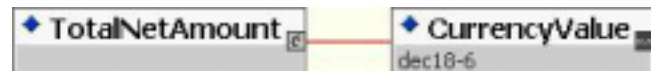
- [QuantityType](#)
- [QuantityTypeContext](#)
- [AdjustmentType](#)

TotalInformationalQuantity contains the following elements:

- [Value](#)
- [RangeMin](#)
- [RangeMax](#)

TotalNetAmount

A field containing total amount excluding tax. In the Invoice



TotalNetAmount is equal to the sum of [LineItemSubTotal](#) plus [TotalAdjustments](#). TotalNetAmount encapsulates [CurrencyValue](#).

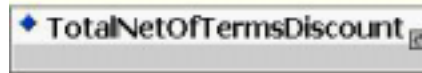
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TotalNetOfTermsDiscount

TotalNumberOfShipments

TotalNetOfTermsDiscount

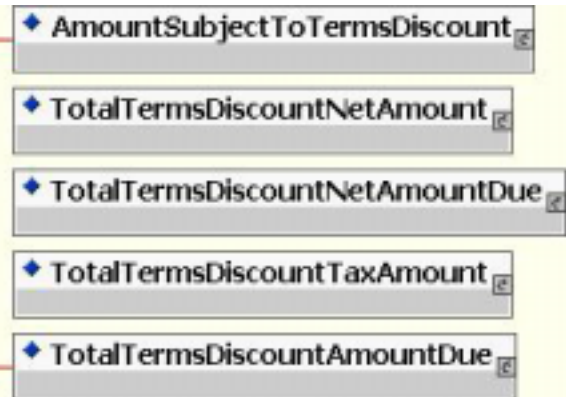
The components of the amount to be paid if payment terms are met, including the amount that is



subject to the payment terms discount, the discount amount, and the net amount due.

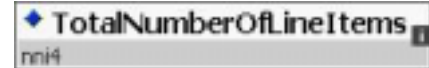
TotalNetOfTermsDiscount contains the following elements:

- [AmountSubjectToTermsDiscount](#)
- [TotalTermsDiscountNetAmount](#)
- [TotalTermsDiscountNetAmountDue](#)
- [TotalTermsDiscountTaxAmount](#)
- [TotalTermsDiscountAmountDue](#)



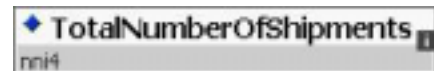
TotalNumberOfLineItems

The total number of individual line items in the message.



TotalNumberOfShipments

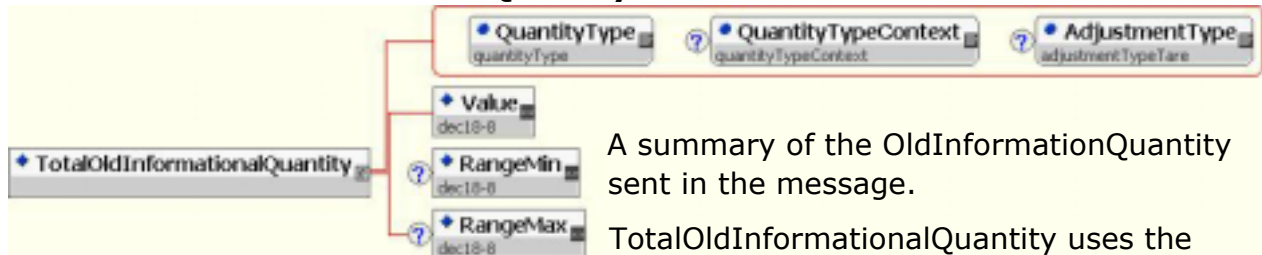
Total number of shipments referred to in a delivery message.



TotalOldInformationalQuantity

TotalOldQuantity

TotalOldInformationalQuantity



A summary of the OldInformationQuantity sent in the message.

TotalOldInformationalQuantity uses the QuantityInformation attribute group and

the Measurement group (element grouping).

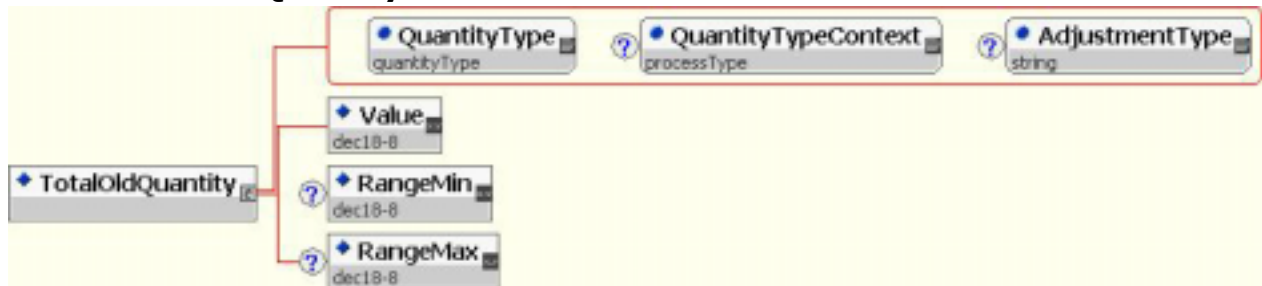
TotalOldInformationalQuantity uses the following attributes:

- [QuantityType](#)
- [QuantityTypeContext](#)
- [AdjustmentType](#)

TotalOldInformationalQuantity uses the following elements:

- [Value](#)
- [RangeMin](#)
- [RangeMax](#)

TotalOldQuantity



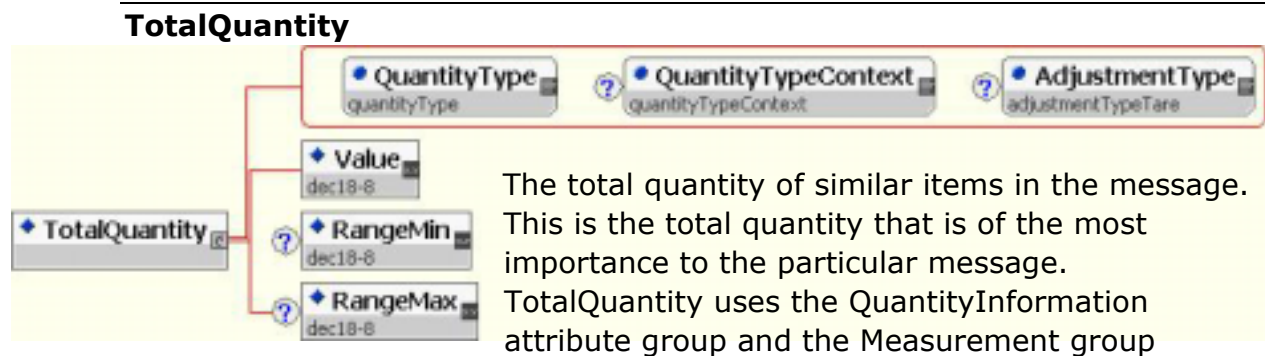
A summary of the OldQuantity sent in the message. TotalOldQuantity uses the QuantityInformation attribute group and the Measurement group (element grouping).

TotalOldQuantity uses the following attributes:

- [QuantityType](#)
- [QuantityTypeContext](#)
- [AdjustmentType](#)

TotalOldQuantity uses the following elements:

- [Value](#)
- [RangeMin](#)
- [RangeMax](#)



(element grouping).

TotalQuantity uses the following attributes:

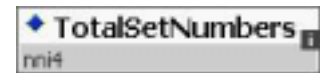
- [QuantityType](#)
- [QuantityTypeContext](#)
- [AdjustmentType](#)

TotalQuantity uses the following elements:

- [Value](#)
- [RangeMin](#)
- [RangeMax](#)

TotalSetNumbers

The total number of sets wound from the Tambour (in the radial direction). Tambour is also called jumbo reel or mother reel.



TotalSetPositions

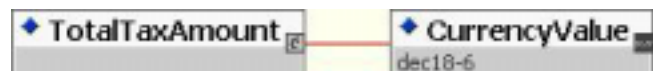
The total number of reels cut across the Tambour (in the width direction). Tambour is also called jumbo reel or mother reel.



TotalTaxAmount

TotalTaxAmount contains the sum of all instances of

TaxAdjustment at line and summary level. TotalTaxAmount contains the sum of all instances of the MonetaryAdjustmentAmount for tax adjustments. TotalTaxAmount encapsulates [CurrencyValue](#).



TotalTermsDiscountAmountDue

The total amount due after prompt

payment discount, includes the related taxes. Encapsulates [CurrencyValue](#).



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TotalTermsDiscountNetAmount

TransactionHistoryNumber

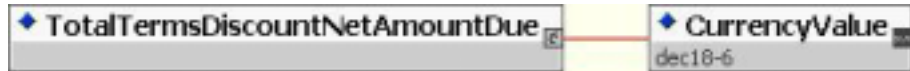
TotalTermsDiscountNetAmount

The total prompt payment discount amount excluding taxes. Encapsulates [CurrencyValue](#).



TotalTermsDiscountNetAmountDue

The total amount due after prompt payment discount excluding taxes. Encapsulates [CurrencyValue](#).



TotalTermsDiscountTaxAmount

The total tax amount calculated after prompt payment discount. Encapsulates [CurrencyValue](#).



TransactionHistoryConfirmationNumber

A sequential number that keeps track of the version of the confirmation document being sent.



- OrderConfirmation - Used to return an OrderConfirmation document version number in response to receiving a PurchaseOrder message.

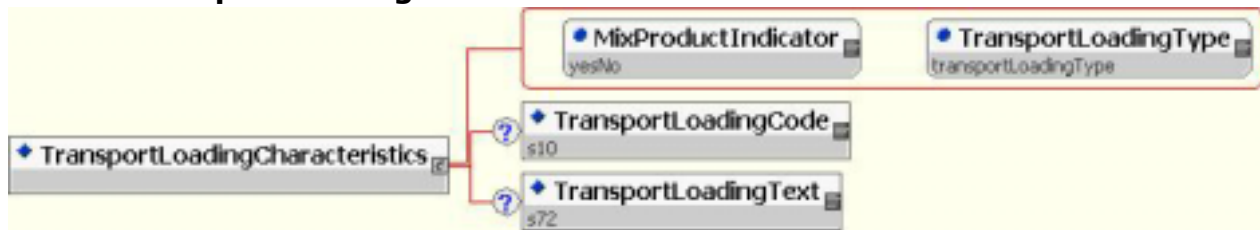
TransactionHistoryNumber

A sequential number that keeps track of the version of any document being sent by the message originator.



OrderConfirmation– Used to associate an OrderConfirmation message with a specific PurchaseOrder message. This is the same number that was sent in the original purchase order.

TransportLoadingCharacteristics



A group item defining how the transported items are to be loaded.

TransportLoadingCharacteristics contains the following attributes

- [MixProductIndicator](#)
- [TransportLoadingType](#)

TransportLoadingCharacteristics contains the following elements:

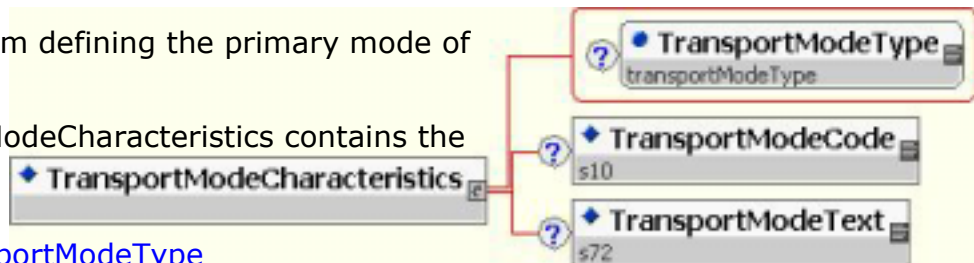
- [TransportLoadingCode](#)
- [TransportLoadingText](#)

TransportModeCharacteristics

A group item defining the primary mode of transport.

TransportModeCharacteristics contains the following attribute:

- [TransportModeType](#)

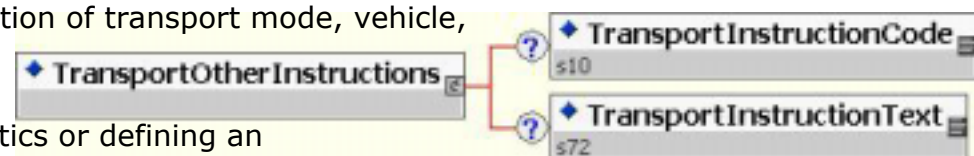


TransportModeCharacteristics contains the following elements:

- [TransportModeCode](#)
- [TransportModeText](#)

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.



TransportOtherInstructions contains the following attributes:

- [TransportInstructionCode](#)
- [TransportInstructionText](#)

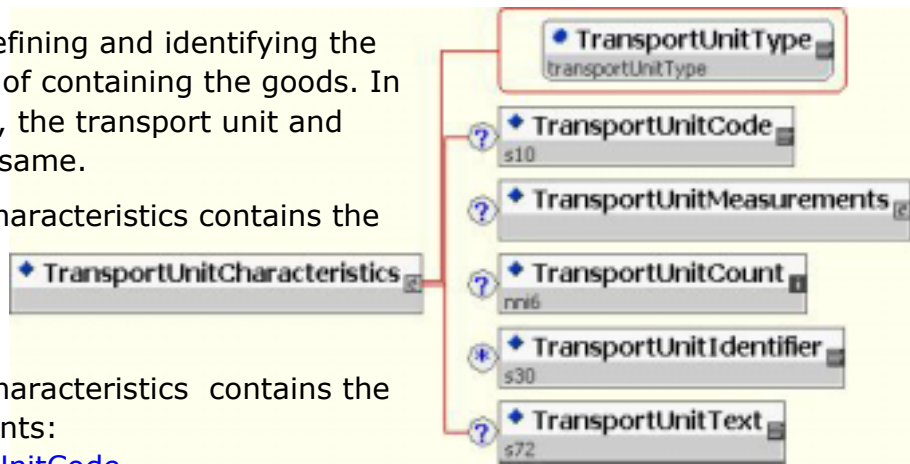
TransportUnitCharacteristics

A group item defining and identifying the primary means of containing the goods. In some instances, the transport unit and vehicle are the same.

TransportUnitCharacteristics contains the [TransportUnitType](#) attribute.

TransportUnitCharacteristics contains the following elements:

- [TransportUnitCode](#)
- [TransportUnitMeasurements](#)
- [TransportUnitCount](#)
 - ✧ This element is not required for the PurchaseOrder.
- [TransportUnitIdentifier](#)
 - ✧ This element is not required for the PurchaseOrder.
- [TransportUnitText](#)



TransportVehicleCharacteristics

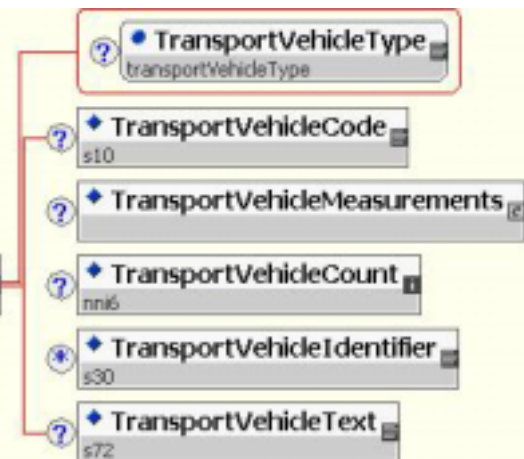
A group item defining the primary means of transporting the goods, such as a side port vessel. In some instances, the transport unit and vehicle are the same.

TransportVehicleCharacteristics contains the

[TransportVehicleType](#) attribute.

TransportVehicleCharacteristics contains the following elements:

- [TransportVehicleCode](#)
- [TransportVehicleMeasurements](#)
- [TransportVehicleCount](#)
 - ✧ This element is not required for the PurchaseOrder.
- [TransportVehicleIdentifier](#)
 - ✧ This element is not required for the PurchaseOrder.
- [TransportVehicleText](#)

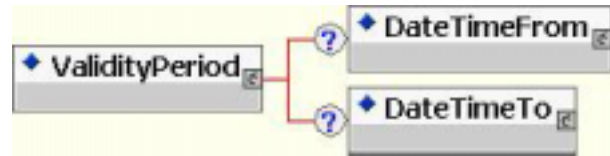


ValidityPeriod

The validity period for a blanket purchase order or product attributes definition.

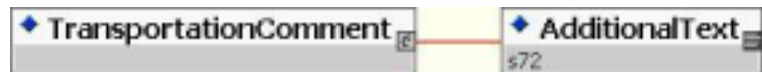
ValidityPeriod contains the following elements:

- [DateTimeFrom](#)
- [DateTimeTo](#)



TransportationComment

Textual Commentary on Transportation for an entire GoodsReceipt.

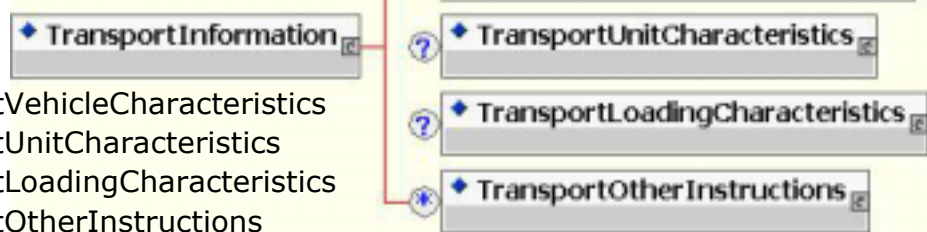


TransportationComment contains the [AdditionalText](#) element.

TransportInformation

TransportInformation groups together the various transport components.

- TransportModeCharacteristics



- TransportVehicleCharacteristics
- TransportUnitCharacteristics
- TransportLoadingCharacteristics
- TransportOtherInstructions

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.



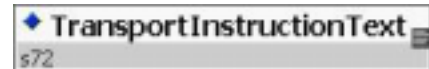
TransportInstructionCode contains the [Agency](#) attribute.

TransportInstructionText

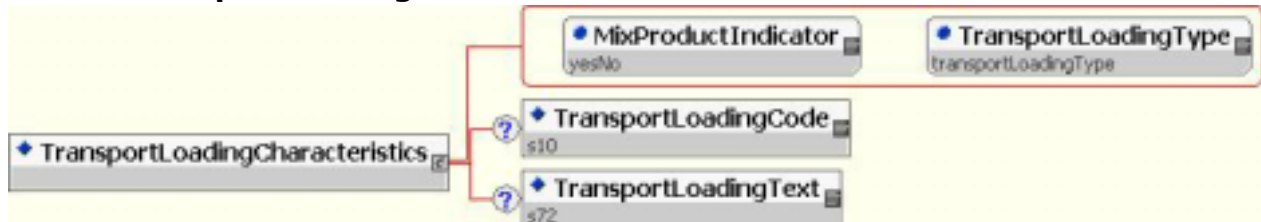
TransportModeCharacteristics

TransportInstructionText

A text field further describing the transport instructions.



TransportLoadingCharacteristics



A group item defining how the transported items are to be loaded.

TransportLoadingCharacteristics contains the following attributes

- [MixProductIndicator](#)
- [TransportLoadingType](#)

TransportLoadingCharacteristics contains the following elements:

- [TransportLoadingCode](#)
- [TransportLoadingText](#)

TransportLoadingCode

A code defining how the transported items are to be loaded.



TransportLoadingCode contains the [Agency](#) attribute.

TransportLoadingText

A text field further describing the transport loading instructions.



TransportModeCharacteristics

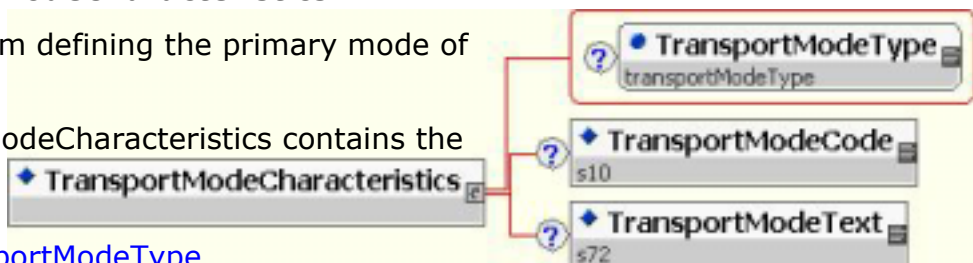
A group item defining the primary mode of transport.

TransportModeCharacteristics contains the following attribute:

- [TransportModeType](#)

TransportModeCharacteristics contains the following elements:

- [TransportModeCode](#)
- [TransportModeText](#)



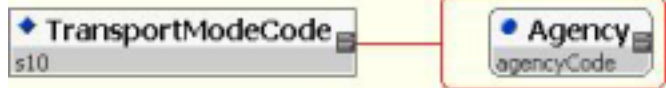
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TransportModeCode

TransportStatusIssueDate

TransportModeCode

A code defining the primary mode of transport.



TransportModeCode contains the [Agency](#) attribute.

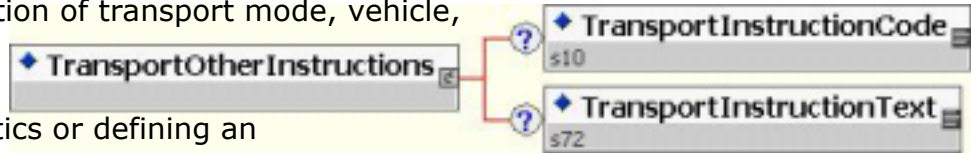
TransportModeText

A text field further describing the transport mode.



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.



TransportOtherInstructions contains the following attributes:

- [TransportInstructionCode](#)
- [TransportInstructionText](#)

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.



of the shipment.

TransportStatusIssueDate

The [Date](#) and [Time](#) the transport status is issued.



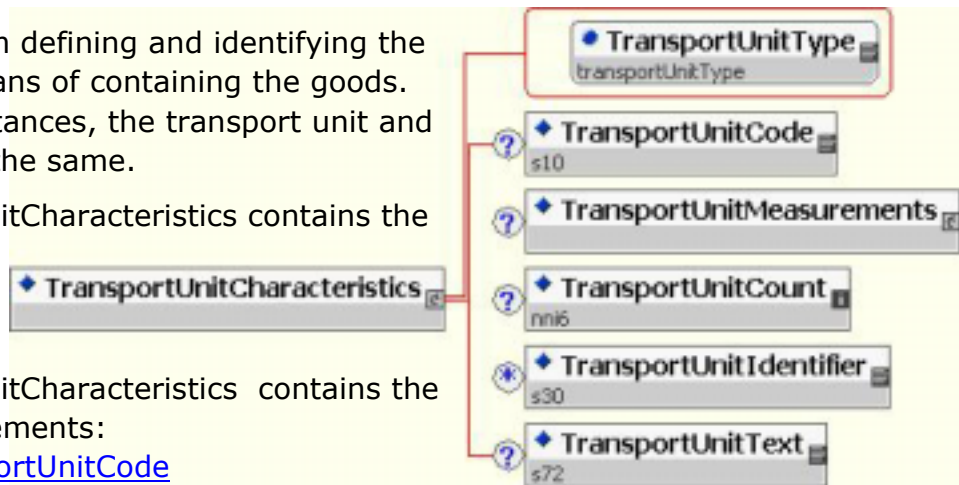
TransportUnitCharacteristics

A group item defining and identifying the primary means of containing the goods. In some instances, the transport unit and vehicle are the same.

TransportUnitCharacteristics contains the [TransportUnitType](#) attribute.

TransportUnitCharacteristics contains the following elements:

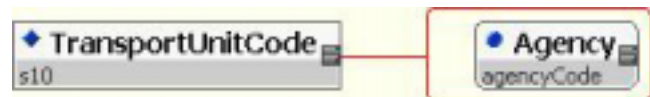
- [TransportUnitCode](#)
- [TransportUnitMeasurements](#)
- [TransportUnitCount](#)
 - ✧ This element is not required for the PurchaseOrder.
- [TransportUnitIdentifier](#)
 - ✧ This element is not required for the PurchaseOrder.
- [TransportUnitText](#)



TransportUnitCode

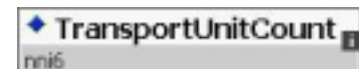
A code defining the primary means of containing the goods.

TransportUnitCode contains the [Agency](#) attribute.



TransportUnitCount

An item defining the number of units used to transport the goods.

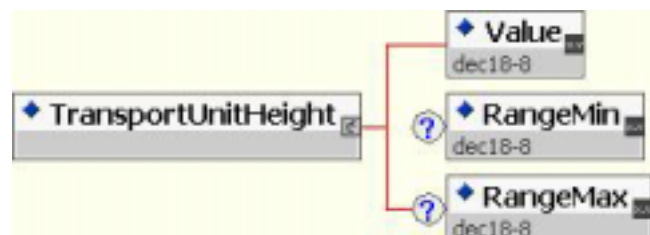


TransportUnitHeight

The height of the transport unit in a UOM (usually meters or feet).

TransportUnitHeight contains the following elements:

- [Value](#)
- [RangeMin](#)
- [RangeMax](#)



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](#).

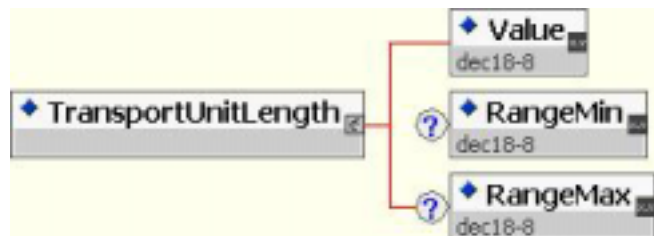


TransportUnitLength

The length of the transport unit in a valid UOM (usually meters or feet).

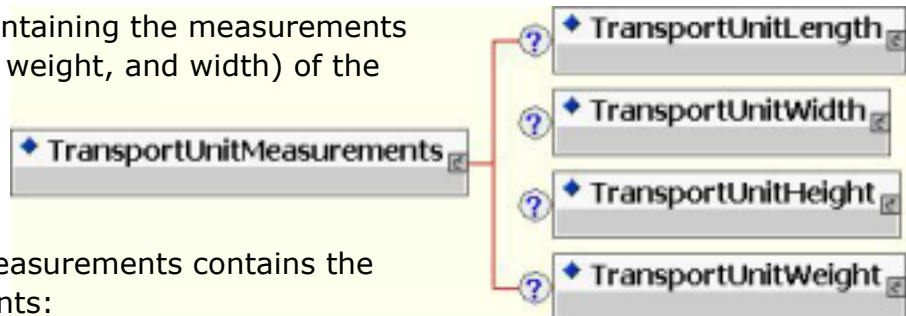
TransportUnitLength contains the following elements:

- [Value](#)
- [RangeMin](#)
- [RangeMax](#)



TransportUnitMeasurements

A group item containing the measurements (length, height, weight, and width) of the transport unit.

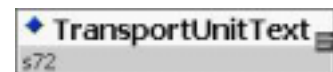


TransportUnitMeasurements contains the following elements:

- [TransportUnitLength](#)
- [TransportUnitWidth](#)
- [TransportUnitHeight](#)
- [TransportUnitWeight](#)

TransportUnitText

A text field further describing the transport unit.

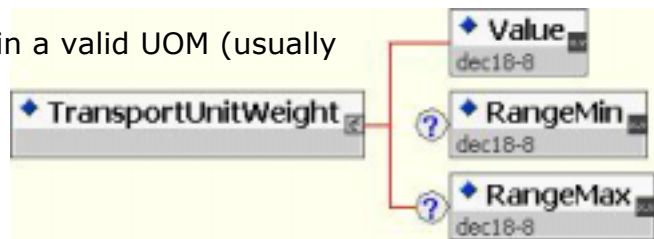


TransportUnitWeight

The weight of the transport unit in a valid UOM (usually tons, pounds, or kilograms).

TransportUnitWeight contains the following elements:

- [Value](#)
- [RangeMin](#)
- [RangeMax](#)

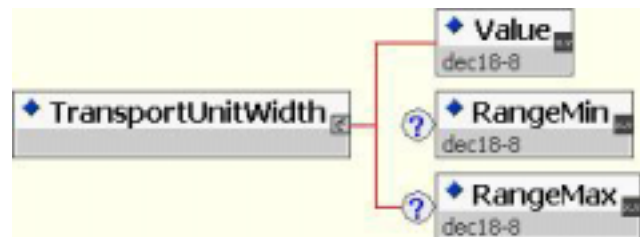


TransportUnitWidth

The width of the transport unit in a valid UOM (usually meters or feet).

TransportUnitWidth contains the following elements:

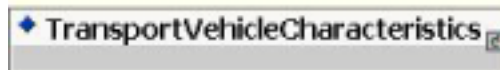
- [Value](#)
- [RangeMin](#)
- [RangeMax](#)



TransportVehicleCharacteristics

A group item defining the primary means of transporting the goods, such as a side port vessel. In some instances, the transport unit and vehicle are the same.

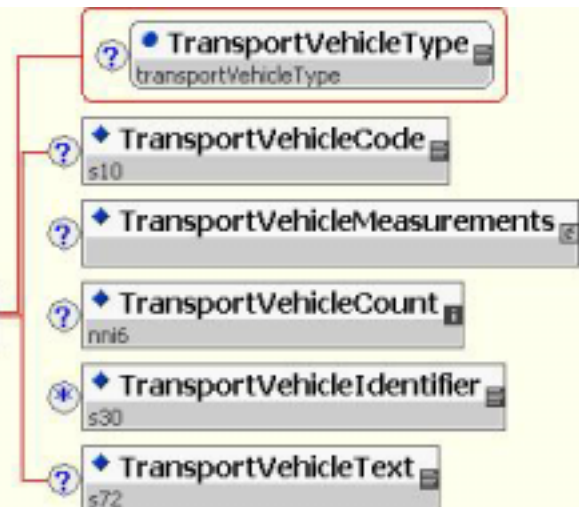
TransportVehicleCharacteristics



contains the [TransportVehicleType](#) attribute.

TransportVehicleCharacteristics contains the following elements:

- [TransportVehicleCode](#)
- [TransportVehicleMeasurements](#)
- [TransportVehicleCount](#)
 - ✧ This element is not required for the PurchaseOrder.
- [TransportVehicleIdentifier](#)
 - ✧ This element is not required for the PurchaseOrder.
- [TransportVehicleText](#)



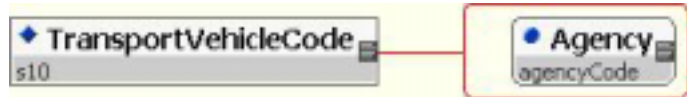
TransportVehicleCode

TransportVehicleLength

TransportVehicleCode

A code defining the primary means of transporting the goods.

TransportVehicleCode contains the [Agency](#) attribute.



TransportVehicleCount

The number of vehicles used to transport the goods.

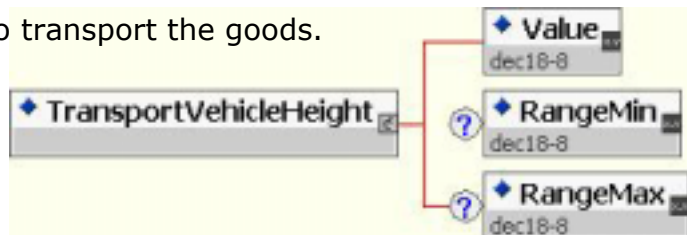


TransportVehicleHeight

The number of vehicles used to transport the goods.

TransportVehicleHeight contains the following elements:

- [Value](#)
- [RangeMin](#)
- [RangeMax](#)



TransportVehicleIdentifier

The identifier of the transport vehicle (license plate number, voyage number, or vessel name).

TransportVehicleIdentifier contains the [TransportVehicleIdentifierType](#) attribute.

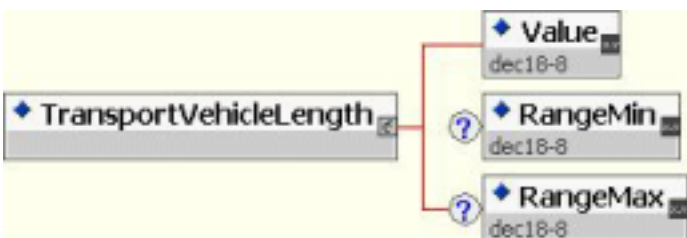


TransportVehicleLength

The length of the transport vehicle in a valid UOM (usually meters or feet).

TransportVehicleLength contains the following elements:

- [Value](#)
- [RangeMin](#)
- [RangeMax](#)



TransportVehicleMeasurements

A group item containing the measurements (length, height, weight, and width) of the transport vehicle.

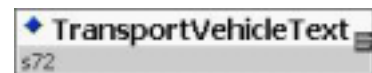
TransportVehicleMeasurements contains the following elements:

- [TransportVehicleLength](#)
- [TransportVehicleWidth](#)
- [TransportVehicleHeight](#)
- [TransportVehicleWeight](#)



TransportVehicleText

A text field further describing the transport vehicle.

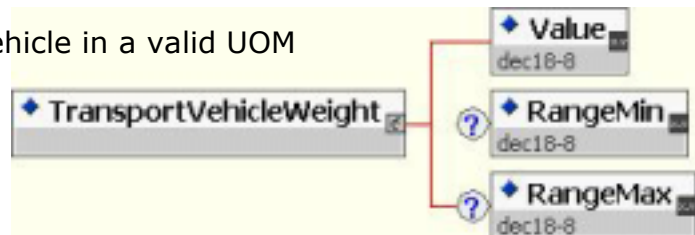


TransportVehicleWeight

The weight of the transport vehicle in a valid UOM (usually tons, pounds, or kilograms).

TransportVehicleWeight contains the following elements:

- [Value](#)
- [RangeMin](#)
- [RangeMax](#)

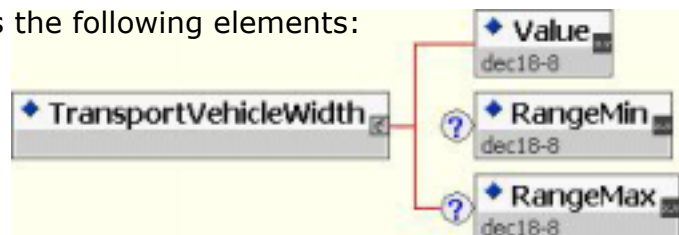


TransportVehicleWidth

The width of the transport vehicle in a valid UOM (usually meters or feet).

TransportVehicleWidth contains the following elements:

- [Value](#)
- [RangeMin](#)
- [RangeMax](#)



TwoSigmaLower

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

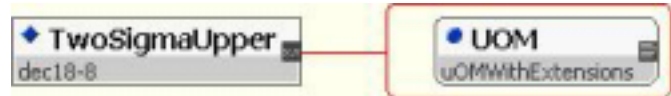
TwoSigmaLower contains the [UOM](#) attribute.



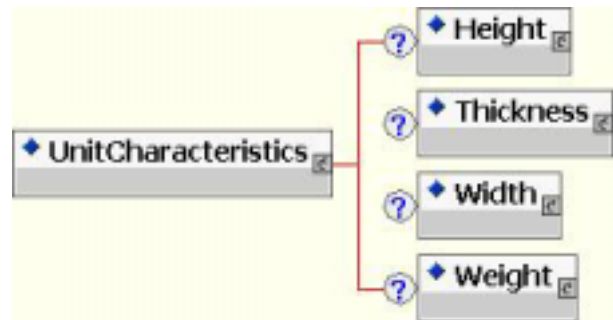
TwoSigmaUpper

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

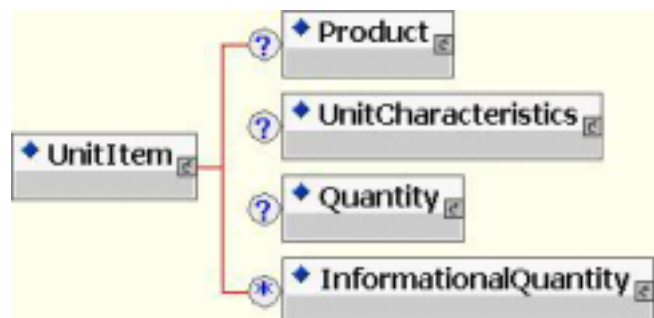
TwoSigmaLower contains the [UOM](#) attribute.



UnitCharacteristics

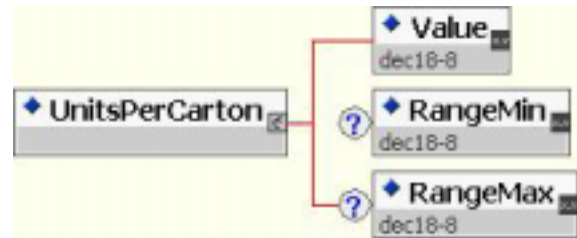


UnitItem

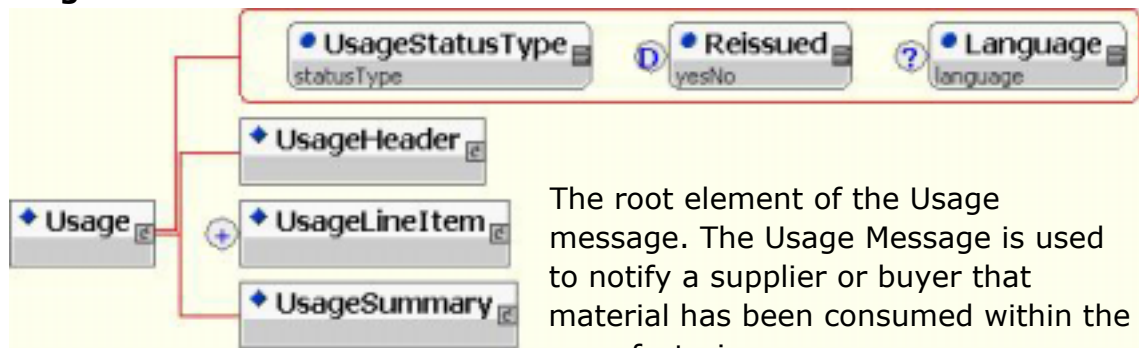


UnitsPerCarton

The number of units per carton.

**URL**

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

**Usage**

The root element of the Usage message. The Usage Message is used to notify a supplier or buyer that material has been consumed within the manufacturing process.

Usage contains the following attributes:

- [UsageStatusType](#)
- [Reissued](#)
- [Language](#)

Usage contains the following elements:

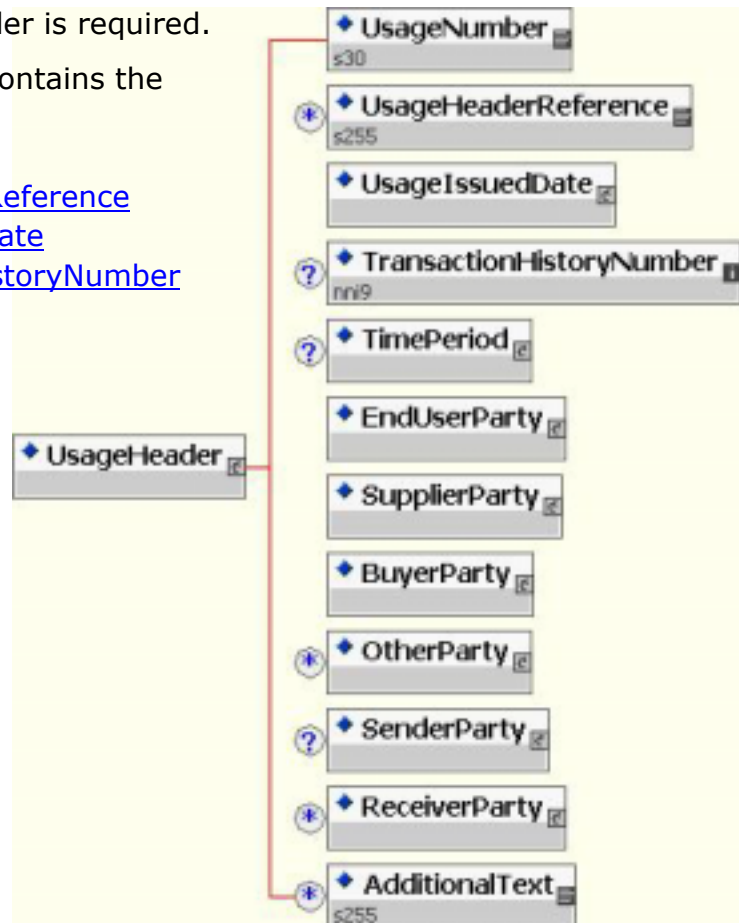
- [UsageHeader](#)
- [UsageLineItem](#)
- [UsageSummary](#)

UsageHeader

A single UsageHeader is required.

The UsageHeader contains the following elements:

- [UsageNumber](#)
- [UsageHeaderReference](#)
- [UsageIssuedDate](#)
- [TransactionHistoryNumber](#)
- [TimePeriod](#)
- [EndUserParty](#)
- [SupplierParty](#)
- [BuyerParty](#)
- [OtherParty](#)
- [SenderParty](#)
- [ReceiverParty](#)
- [AdditionalText](#)



UsageHeaderReference

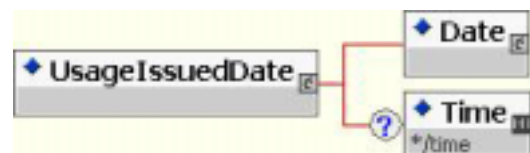
A repeatable element that details relevant

references to the usage message. The content of the UsageHeaderReference is identified by the [UsageReferenceType](#) attribute.



UsageIssuedDate

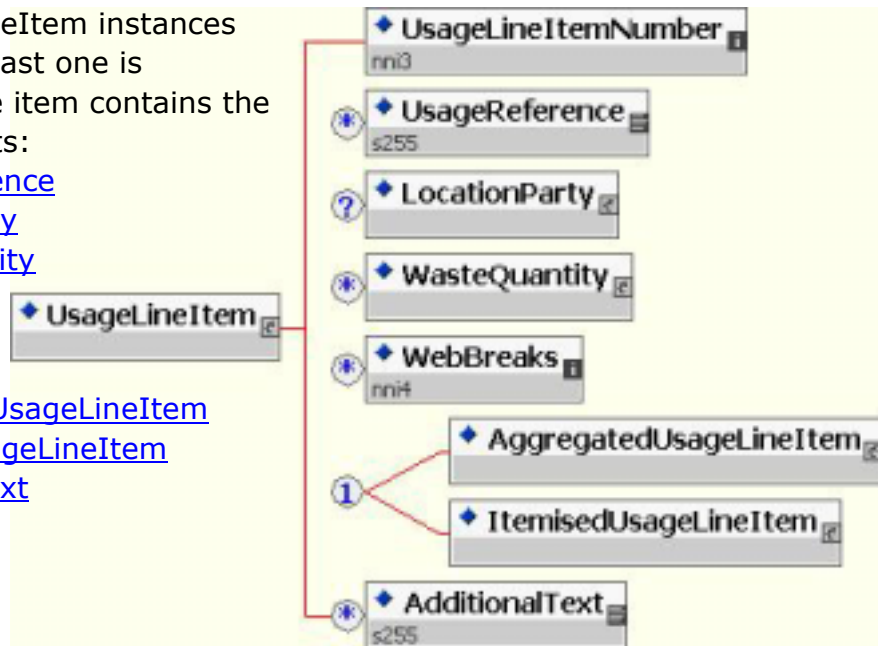
Identifies the [Date](#) and [Time](#) when the usage information has been reported.



UsageLineItem

Multiple UsageLineItem instances are allowed; at least one is required. The line item contains the following elements:

- [UsageReference](#)
- [LocationParty](#)
- [WasteQuantity](#)
- [WebBreaks](#)
- [AggregatedUsageLineItem](#)
- [ItemisedUsageLineItem](#)
- [AdditionalText](#)



UsageLineItemDetail

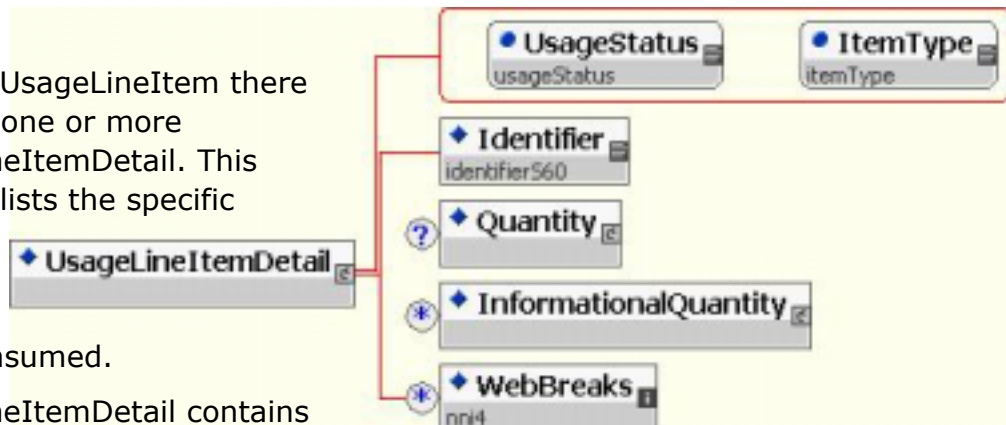
For each ItemisedUsageLineItem there must be one or more UsageLineItemDetail. This element lists the specific product that has been consumed.

UsageLineItemDetail contains the following attributes:

- [UsageStatus](#)
- [ItemType](#)

UsageLineItemDetail contains the following elements:

- [Identifier](#)
- [Quantity](#)
- [InformationalQuantity](#)
- [WebBreaks](#)



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UsageLineItemNumber

ValidityPeriod

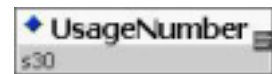
UsageLineItemNumber

A sequential number that uniquely identifies the usage line item.



UsageNumber

Unique identifier assigned to each Usage message 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

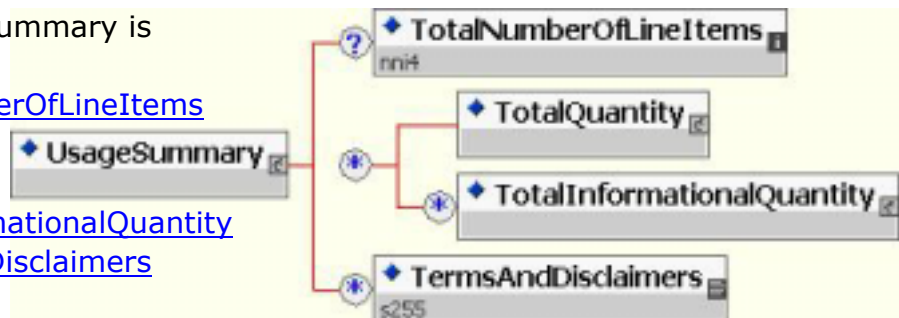
[UsageReferenceType](#).



UsageSummary

A single UsageSummary is required.

- [TotalNumberOfLineItems](#)
- [Total-Quantity](#)
- [TotalInformationalQuantity](#)
- [TermsAndDisclaimers](#)

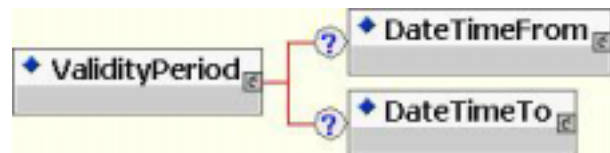


ValidityPeriod

The validity period for a blanket purchase order or product attributes definition.

ValidityPeriod contains the following elements:

- [DateTimeFrom](#)
- [DateTimeTo](#)



Value

WasteQuantity

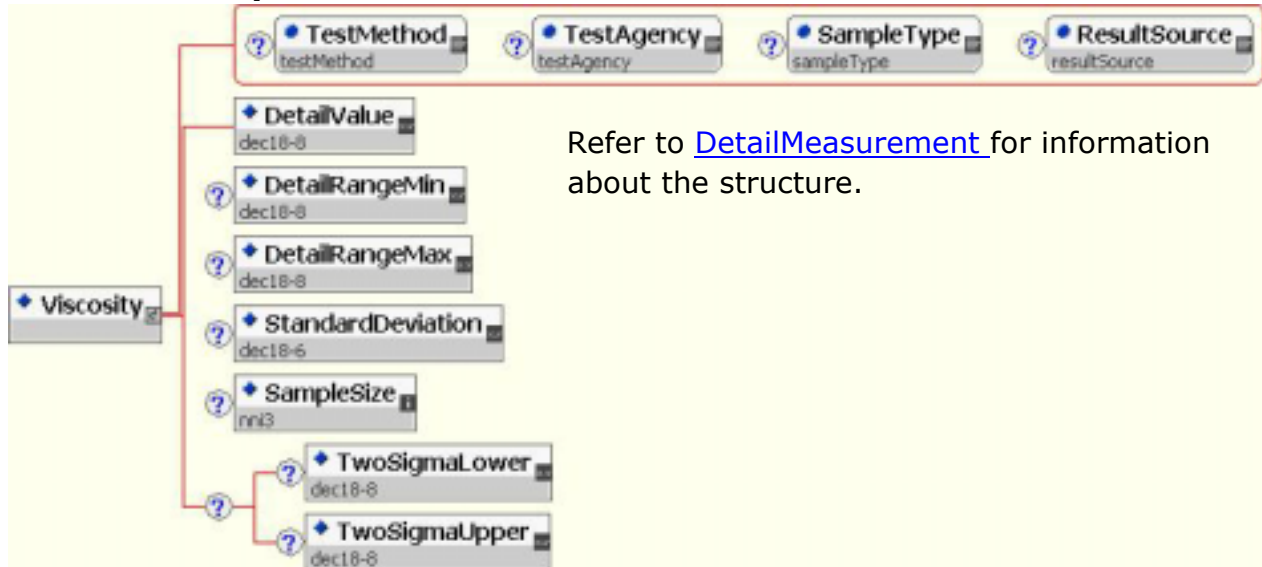
Value

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

Value contains the [UOM](#) attribute.



Viscosity



Refer to [DetailMeasurement](#) for information about the structure.

WasteImpressions

The number of bad revolutions produced on a printing unit.



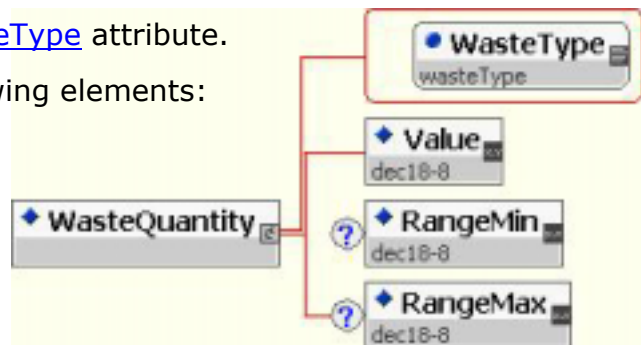
WasteQuantity

The quantity of product wasted.

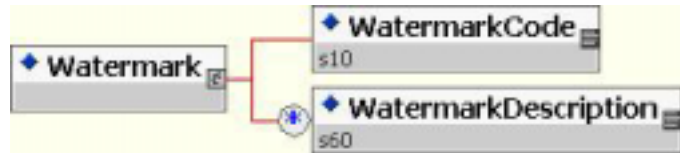
WasteQuantity contains the [WasteType](#) attribute.

WasteQuantity contains the following elements:

- [Value](#)
- [RangeMin](#)
- [RangeMax](#)



Watermark



WatermarkCode



WatermarkDescription



Webbing

The webbing that is used in the printing process.



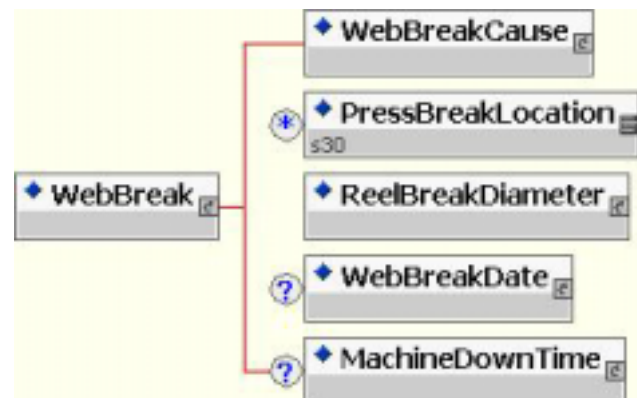
WebBreak

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.

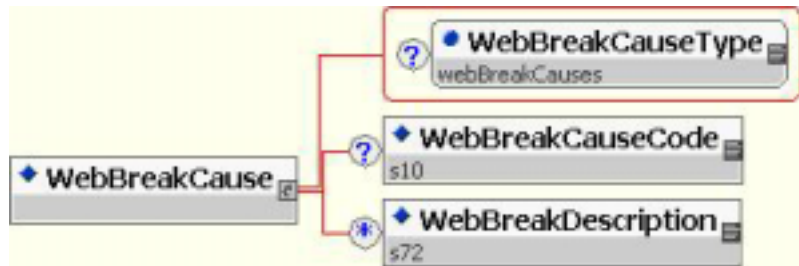
WebBreak contains the following attribute and elements for identifying defects:

- WebBreakCause
- PressBreakLocation
- ReelBreakDiameter
- WebBreakDate
- MachineDownTime



WebBreakCause

A group element that contains information that describes the cause of a web break.



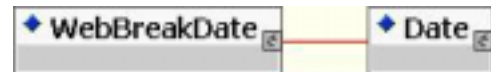
WebBreakCauseCode

Codes pertaining to the break supplied by the User.



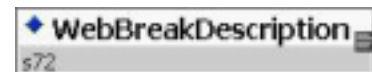
WebBreakDate

The date of the web break.



WebBreakDescription

Description of the web break



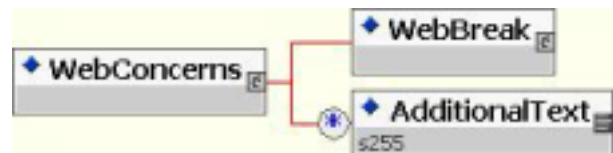
WebBreaks

The number of web breaks. WebBreaks contains the [WebBreakType](#) attribute.



WebConcerns

A grouping element that contains the information about a web break.



WebConfiguration

The way the web runs through the press.

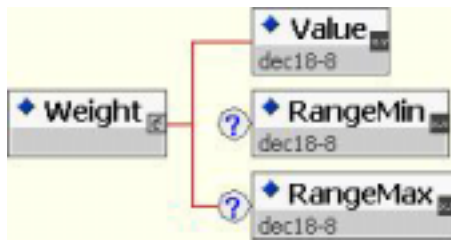


Week

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."

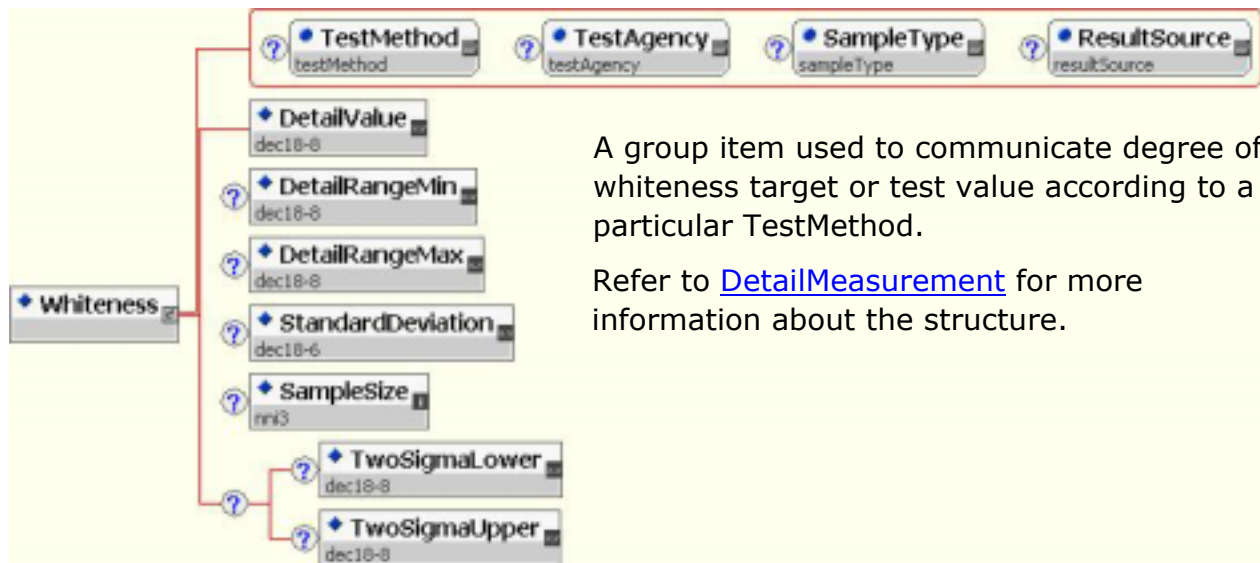


Weight



The weight of the item.

Whiteness



A group item used to communicate degree of whiteness target or test value according to a particular TestMethod.

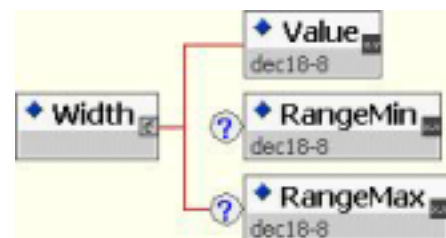
Refer to [DetailMeasurement](#) for more information about the structure.

Width

The sheet width measurement using a valid UOM; can be expressed with decimals, but not fractions.

Width contains the following elements:

- [Value](#)
- [RangeMin](#)
- [RangeMax](#)



WindingDirection

An element that indicates where the wire side should be when someone winds the reel. WireSideOut or WireSideIn.



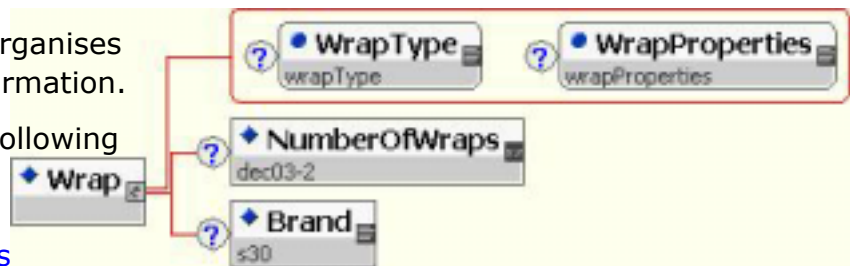
- WireSideIn - When someone looks at a finished reel, the wire side of the sheet is facing the core.
- WireSideOut - When someone looks at a finished reel, the wire side of the sheet is facing away from the core.

Wrap

A group item that organises wrapping detail information.

Wrap contains the following attributes:

- [WrapType](#)
- [WrapProperties](#)

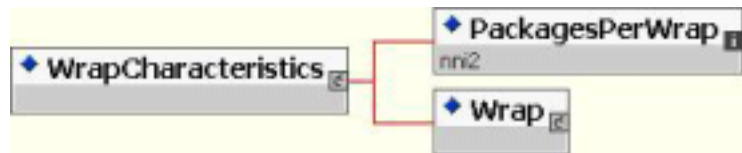


Wrap also contains the following elements:

- [NumberOfWraps](#)
- [Brand](#)

WrapCharacteristics

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

**Year**

Identifies the year number when communicating a calendar date.

