



papiNet

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

Data Dictionary - Attributes

papiNet Standard - Version 2.20

January 2004

papiNet Standard - Version 2.20

Data Dictionary - Attributes

Copyright

Copyright 2000 – 2004 papiNet G.I.E (“papiNet”), International Digital Enterprise Alliance, Inc. (“IDEAlliance”), and American Forest & Paper Association, Inc. (“AF&PA”), collectively “Copyright Owner”. All rights reserved by the Copyright Owner under the laws of the United States, Belgium, the European Economic Community, and all states, domestic and foreign. This document may be downloaded and copied provided that all copies retain and display the copyright and any other proprietary notices contained in this document. This document may not be sold, modified, edited, or taken out of context such that it creates a false or misleading statement or impression as to the purpose or use of the papiNet specification, which is an open standard. Use of this Standard, in accord with the foregoing limited permission, shall not create for the user any rights in or to the copyright, which rights are exclusively reserved to the Copyright Owner.

papiNet (formerly known as the European Paper Consortium for e-business - EPC), IDEAlliance (formerly known as the Graphic Communications Association - GCA), the parent organisation of IDEAlliance the Printing Industries of America (PIA), the American Forest and Paper Association (AF&PA), and the members of the papiNet Working Group (collectively and individually, "Presenters") make no representations or warranties, express or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, title, or non-infringement. The presenters do not make any representation or warranty that the contents of this document are free from error, suitable for any purpose of any user, or that implementation of such contents will not infringe any third party patents, copyrights, trademarks or other rights. By making use of this document, the user assumes all risks and waives all claims against Presenters.

In no event shall Presenters be liable to user (or other person) for direct, indirect, special or consequential damages arising from or related to any use of this document, including, without limitation, lost profits, business interruption, loss of programs, or other data on your information handling system even if Presenters are expressly advised of the possibility of such damages.

Use of Documents in papiNet Implementations

Documents may be used as templates for a papiNet implementation. The Presenters grant the right to modify and edit them to fit an actual implementation project provided all copies display the copyright and any other proprietary notices contained in this document. Such modified documents must not be distributed beyond the trading partners implementing or maintaining a papiNet connection.

Additional Copyright Information

Additional copyrights may be referenced throughout this document in the appropriate section.

papiNet Standard - Version 2.20

Data Dictionary - Attributes

Table of Contents

Copyright	2
Use of Documents in papiNet Implementations	2
Additional Copyright Information	2
Sponsoring Organisations	4
papiNet G.I.E.	4
IDEAlliance	4
American Forest & Paper Association	4
Attributes	5
A.....	5
B.....	10
C	12
D	24
E.....	32
F.....	32
G	33
I	36
L.....	45
M.....	47
N	49
O	50
P.....	56
Q.....	80
R	83
S.....	87
T.....	95
U	101
V.....	107
W.....	107

papiNet Standard - Version 2.20

Data Dictionary - Attributes

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/>.

papiNet Standard - Version 2.20

ActionType

AdjustmentType (*Financial*)

Attributes

The "Glossary of Attributes" contains an alphabetic listing of all the attributes in the papiNet standard along with a definition of the attribute, a definition of the constraints, and in which element(s) the attribute is used.

A

ActionType

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

Used in:

- ReelPackagingCharacteristics
- SheetPackagingCharacteristics

Choices:

- **Special** - Specifies that an action is required.
- **Standard** - Specifies that no action is required.

AdjustmentType (Financial)

Describes the type of adjustment applied to an element. An adjustment can be either a value expressed in a currency or a percentage.

Used in:

- MonetaryAdjustment

Choices:

- **CancellationCharge** - A charge applied because a cancellation was late (after the last date of change) and all or part of the ordered product has already been made.
- **CashDiscount** - A reduction due to a discount applied.
- **ChargesForward** - A pending invoice amount brought forward from a previous invoice.
- **ClaimAdjustment** - An adjustment related to a filed complaint.
- **Commission** - Commission costs paid to the trading agency or trader.
- **CompetitiveAllowance** - An allowance provided for competitive reasons.
 - ◇ Introduced in version V2R20.
- **ConsigneeUnloadCharge** - An unloading charge that is the responsibility of the consignee.
 - ◇ Introduced in version V2R20.
- **ContractAllowance** - An allowance for a volume discount, usually because the agreed amount has been exceeded.

papiNet Standard - Version 2.20

AdjustmentType (Financial)

AdjustmentType (Financial)

- **DefectiveAllowance** – An allowance provided for defective material.
 - ✧ Introduced in version V2R20.
- **DeliveryCharge** – The charge for delivering the product.
 - ✧ Introduced in version V2R20.
- **DeliveryNonConformanceAllowance** - An allowance due to non-conformance with the purchase agreement regarding a delivery.
- **EarlyShipAllowance** - An allowance due to a delivery that took place earlier than planned. The seller may be charged a penalty. If this is found before issuing the invoice, it can be handled through this allowance. If found later, it will be handled through a credit note.
- **Environmental** - An allowance applied due to environmental regulations.
- **ExpeditedShipmentCharge** - An extra cost charged due to unexpected or emergency requirements (for example, breaking off a run in the mill to reach the production date for a rush order).
- **FlatRateCharge** – A general flat charge.
 - ✧ Introduced in version V2R20.
- **FreightAllowance** - The freight cost allowed by the mill. This amount is negative, and will be deducted from the invoice (U.S. business practice, in the European Union (EU), use only Freight Charge).
- **FreightCharge** - The actual cost incurred to deliver the product. This amount is positive, and will be added to the invoice.
- **HandlingCharge** – A charge related to the handling of the product.
 - ✧ Introduced in version V2R20.
- **Inspection** – The cost associated with performing an inspection of the product.
- **InterestCharge** – A charge applied for interest on overdue payments.
- **LabourAllowance** – An allowance due to additional labour required in the use or acceptance of the product.
 - ✧ Introduced in version V2R20.
- **LabourCharge** – A charge due to additional labour required in the use or acceptance of the product.
 - ✧ Introduced in version V2R20.
- **LotCharge** – A charge applied to the lot of material.
 - ✧ Introduced in version V2R20.
- **ModelHomeDiscount** – A discount associated with the building of the model home.
 - ✧ Introduced in version V2R20.

papiNet Standard - Version 2.20

AdjustmentType (Financial)

AdjustmentType (Financial)

- **NewStoreCouponDiscount** – A discount associated with entry into a new store.
 - ✧ Introduced in version V2R20.
- **PalletCharge** – A charge that represents the cost or rental of the pallet.
 - ✧ Introduced in version V2R20.
- **PickUpAllowance** – An allowance provided to compensate for the cost of picking up the product.
 - ✧ Introduced in version V2R20.
- **PromotionalAllowance** – An allowance provided for the promotion of the product.
 - ✧ Introduced in version V2R20.
- **PromotionalCharge** – A charge associated with the promotion of the product.
 - ✧ Introduced in version V2R20.
- **Other** - Any other adjustment not covered by the attribute list.
- **PriceCorrection** – An adjustment associated with a correction of the product's price.
- **ProductionSetUpCharge** - A special charge applied due to specific buyer requests.
- **Provision** – The act of making ready or equipping for use.
- **Rebate** - A rebate accepted by the buyer and seller based on the agreed price and volume.
- **ReturnedLoadAllowance** - An allowance applied due to the return of the product.
- **ReturnLoadCharge** - A charge applied due to the return of the product.
- **ScrapAndDunnageCharge** – A charge that represents the scrapping of the material and its removal.
 - ✧ Introduced in version V2R20.
- **ServiceCharge** – A charge associated with a miscellaneous service.
 - ✧ Introduced in version V2R20.
- **SpecialDeliveryCharge** - A special charge for delivering the product differently from the usual or agreed-to method.
- **SpecialHandlingCharge** - A special charge for handling the product differently from the usual or agreed-to method.
- **SpecialPackagingCharge** - A special charge for packaging the product differently from the usual or agreed-to method, or if packaging as requested is out of spec.
- **StopOffAllowance** – An allowance for a delivery stop-off.
- **StopOffCharge** – A charge for a delivery stop-off.

papiNet Standard - Version 2.20

AdjustmentType (Tare)

AdjustmentType (Tare)

- **StorageCharge** - An extra cost charged for storing the product on location (in the plant).
- **Tax** - An adjustment that reflects a tax item.
- **TestingCharge** - A charge related to testing a new paper grade.
- **TradeDiscount** - A discount based on the terms of the trade given on the agreed price. Usually a percentage.
- **TransferCharge** - A freight charge incurred by the goods transfer from one location to another location not previously agreed upon.
- **TrialDiscount** - A discount applied for a trial run of a new or improved product.
- **UnloadingAllowance** - An allowance to compensate for the unloading the product.
 - ✧ Introduced in version V2R20.
- **UnloadingCharge** - A charge for the unloading the product.
 - ✧ Introduced in version V2R20.
- **VolumeDiscount** - A rebate accepted by the buyer and the seller based on the agreed volume.

AdjustmentType (Tare)

Describes the type of adjustment associated with a quantity.

Used in:

- InformationalQuantity
- OldInformationalQuantity
- OldQuantity
- Quantity
- TotalInformationalQuantity
- TotalOldInformationalQuantity
- TotalOldQuantity
- TotalQuantity

Choices:

- **Core** - The adjustment is describing the core.
- **Pallet** - The adjustment is describing the pallet.
- **Straps** - The adjustment is describing the straps.
- **Total** - The adjustment is describing the total adjustments.
- **Wrap** - The weight adjustment value is the weight of the wrapper for a reel, the weight of a box for a box of reams, or the weight of any wrapping applied to a pallet.
- **WrapCore** - The adjustment is describing the wrapping plus the core.

Agency

Describes the agency maintaining the list of codes for the element to which this attribute refers.

Used in:

- Charge
- ClassificationCode
- ColourShade
- ComplaintReasonCode
- ComplaintResponseReasonCode
- ConversionCode
- CoreStrengthCode
- CreditDebitNoteReasonCode
- GeneralLedgerAccount
- DeliveryRouteCode
- EmbossingCode
- ErrorCode
- InventoryChangeReasonCode
- InventoryClassCode
- JobCode
- LocationCode
- PackagingCode
- ProductIdentifier
- PulpConcernCode
- SheetConcernCode
- TermsOfPaymentCode
- TransportInstructionCode
- TransportLoadingCode
- TransportModeCode
- TransportUnitCode
- TransportVehicleCode

Choices:

- **AFPA** - American Forest and Paper Association.
- **ANSI** - American National Standards Institute.
- **APPITA** – Technical Association of the Australian and NZ Pulp and Paper Industry
- **Buyer** - The buyer has defined the codes used in the particular element of the transaction. Care must be used when using this agency to assure that the recipient of the message understands what is being communicated.
- **CCTI** – Composite Can and Tube Institute

papiNet Standard - Version 2.20

BaleType

BaleType

- **CEPI** - Confederation of European Paper Industries.
- **DUNS** - Dun & Bradstreet.
- **EAN** - European Article Numbering Agency.
- **Espresso** - Espresso Paper Platform
- **ForestExpress** - ForestExpress
- **GCA** - Graphic Communications Association
- **GCA-CCTI** - The GCA and CCTI combined coding
- **IFRA** - INCA FIEJ Research Association (Technical Research and Consulting Association for the Newspaper Industry).
- **Intrastat** - The agency responsible for collecting statistics on the physical trade of goods between the members of the EU.
- **ISO** - International Organisation for Standardisation.
- **NPTA** - National Paper Trade Association.
- **Ondule** - European Association of Corrugated Base Papers Manufacturers (actually Óndule).
- **Other** - Used when the agency responsible for a coding system is not defined in the attribute list, or there is no agency responsible for the codes used.
- **PPPC** - Pulp and Paper Products Council
- **Supplier** - The supplier has defined the codes used in the particular element of the transaction. Care must be used when using this agency to assure that the recipient of the message understands what is being communicated.
- **TAPPI** - Technical Association for the Paper and Pulp Industry
- **UCC** - The Uniform Code Council.
- **UN/ECE** - Currently undefined.
 - ◇ Introduced in version V2R20.
- **XBITS** - XML Book Industry Transaction Standards

B

BaleType

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

Used in:

- Bale

Choices:

- **FlashDried** - fibres pressed together to form a bale.
- **Sheet** - a dried and cut product, stacked, pressed, and packaged together.
- **Wetlap** - a pressed sheet stacked and usually placed on pallets.

papiNet Standard - Version 2.20

BookUnitType

ByLoadType

BookUnitType

Currently undefined.

Used in:

- PackagingCharacteristics

Choices:

- Unit
 - Unit pre-Assembly
 - Unit post-Assembly
-

BoxType

Communicates the type of carton to use

Used in:

- BoxCharacteristics

Choices:

- **SingleWall**
 - **DoubleWall**
 - **TripleWall**
 - **Corrugated**
-

BucketType

Currently undefined.

Used in:

- PlanningBucket

Choices:

- **Actual**
 - **Budget**
 - **Demand**
 - Forecast
-

ByLoadType

Used in:

- ByLoad

Choices:

- **Forecast**
 - **Shipment**
-

C

CallOffHeaderStatusType

CallOffHeaderStatusType defines the status of the call-off header.

Used in:

- CallOffHeader

Choices:

CallOffHeaderStatusType uses a restricted set of the statusType simple data type. Refer to the discussion of this data type in the "Data Type - Data Dictionary"

- Accepted
- Amended
- NoAction
- Original
- Rejected

CallOffLineItemStatusType

CallOffLineItemStatusType defines the status of a call-off line item.

Used in:

- CallOffLineItem

Choices:

CallOffLineItemStatusType uses a restricted set of the statusType data type. Refer to the "Data Type - Data Dictionary" for more details.

- Accepted
- Amended
- Cancelled
- NoAction
- Original
- Pending
- Rejected

CallOffReferenceType

CallOffReferenceType provides a contextual explanation of the specific reference identifier.

Used in:

- CallOffReference

Choices:

CallOffReferenceType uses a restricted set of the referenceType data type. Refer to the "Data Type – Data Dictionary" for more details.

- ContractLineNumber
- ContractNumber
- CustomerReferenceNumber
- DeliveryBookingNumber
- FromSalesOrderNumber
 - ✧ Introduced in version V2R20.
- IndentOrderNumber
- IntraStatNumber
- ISODocumentReference
- LoadingOrderLineItemNumber
 - ✧ Introduced in version V2R20.
- LotIdentifier
- MillOrderNumber
- OriginalInvoiceNumber
- OriginalSalesOrderNumber
 - ✧ Introduced in version V2R20.
- PurchaseOrderNumber
- SalesOrderLineItemNumber
 - ✧ Introduced in version V2R20.
- StockOrderNumber
- SupplierCallOffNumber
- SupplierReferenceNumber
- Other

CallOffStatusType

Identifies the status of the entire call-off message (in other words, at the root level).

Used in:

- CallOff

Choices:

CallOffLineItemStatusType uses a restricted set of the statusType data type. Refer to the "Data Type – Data Dictionary" for more details.

- Accepted
 - Amended
 - Cancelled
 - Original
 - Rejected
-

CallOffType

CallOffType Defines the type of call-off message.

Used in:

- CallOff

Choices:

- **CallOff** - Defines a call-off sent by the buyer to the seller.
 - **CallOffConfirmation** - Defines a call-off confirmation sent by the seller in response to a call-off previously sent by the buyer.
-

ChargeOrAllowanceType

Defines what type of charge or allowance defines the invoice product.

Used in:

- ChargeOrAllowance

Choices:

- ChargeOrAllowanceType uses the data type adjustmentTypeFinancial.
-

papiNet Standard - Version 2.20

ChargeType

ChargeType

ChargeType

Used in:

- Charge

Choices:

- **AdministrativeCosts** - The administrative costs involved as a result of the complaint, for instance, to sell or scrap the waste.
- **AgreedWasteToScrap** - The agreed to quantity or amount of paper the complainer declares to scrap.
- **AgreedWasteToSell** - The agreed to quantity or amount of paper the complainer declares to sell.
- **ConversionCosts** - Costs associated with product conversion (i.e. slitting, rewrapping, etc).
- **KnownProductionDowntime** - Production down time associated with KnownBreaks.
- **LabourCosts** - The labour costs involved as a result of the complaint, for instance reels that need to be cleaned because of edge cuttings.
- **MachineDamage** - The damage suffered by the machine as a result of poor quality paper supplied.
- **PriceDifference** -
- **ProductionDowntime** - Production downtime associated with the result of poor quality paper or a service problem.
- **RejectedReel** - The reel(s) rejected because not workable by the converter/printer.
- **UnknownProductionDowntime** - Production downtime associated with Breaks.
- **WasteToScrap** - The proposed quantity or amount of paper the complainer declares to scrap.
- **WasteToSell** - The proposed quantity or amount of paper the complainer declares to sell.
- **WrongQuantity** -

papiNet Standard - Version 2.20

CommunicationRole

ComplaintReferenceType

CommunicationRole

Provides information about the sender, receiver, and participants to the message communication.

Used in:

- NameAddress

Choices:

- **From** – The message originates from this party.
- **To** – The message is destined to this party.
- **CC** – This party is copied on the message

ComplaintReasonType

Used in:

- ComplaintReason

Choices:

- **Commercial**
- **Logistical**
- **Technical**

ComplaintReferenceType

Used in:

- ComplaintReference

Choices:

- | | |
|------------------------------------|---------------------------|
| • BillOfLadingNumber | • IntraStatNumber |
| • CallOffNumber | • ISODocumentReference |
| • CIMNumber | • LotIdentifier |
| • CMRNumber | • MasterBillOfLading |
| • ContractLineNumber | • MillOrderLineItemNumber |
| • ContractNumber | • MillOrderNumber |
| • CustomerReference-
Number | • OriginalDeliveryNumber |
| • DeliveryBooking-
Number | • OriginalInvoiceNumber |
| • DespatchInstruction-
Number | • PurchaseOrderNumber |
| • IndentOrderNumber | • RunNumber |
| • InitialShipmentAdvice-
Number | • StockOrderNumber |
| | • SupplierCallOffNumber |
| | • SupplierReferenceNumber |
| | • SupplierVoyageNumber |
| | • WarehouseDeliveryNumber |

papiNet Standard - Version 2.20

ComplaintResponseHeaderStatusTyp

ComplaintResponseReferenceType

ComplaintResponseHeaderStatusType

Used in:

- ComplaintResponseHeader

Choices:

- Accepted
 - PartiallyAccepted
 - Rejected
-

ComplaintResponseLineStatusType

Used in:

- ComplaintResponseLineItem

Choices:

- Accepted
 - PartiallyAccepted
 - Rejected
-

ComplaintResponseReasonType

Currently undefined

Used in:

- ComplaintResponseReason

Choices:

- Commercial
 - Logistics
 - Technical
-

ComplaintResponseReferenceType

Used in:

- ComplaintResponseReference

Choices:

- | | |
|----------------------|-------------------------------|
| • BillOfLadingNumber | • CustomerReferenceNumber |
| • CallOffNumber | • DeliveryBookingNumber |
| • CIMNumber | • DespatchInstructionNumber |
| • CMRNumber | • IndentOrderNumber |
| • ContractLineNumber | • InitialShipmentAdviceNumber |
| • ContractNumber | • IntraStatNumber |
-

papiNet Standard - Version 2.20

ComplaintResponseType and

ContactType

- ISODocument-Reference
- LotIdentifier
- MasterBillOfLading
- MillOrderNumber
- OriginalDelivery-Number
- OriginalInvoiceNumber
- RunNumber
- StockOrderNumber
- SupplierCallOffNumber
- SupplierReferenceNumber
- SupplierVoyageNumber
- WarehouseDeliveryNumber

ComplaintResponseType and ComplaintType

Defines the type of Complaint issued by the complainer

Used in:

- Complaint
- ComplaintResponse

Choices:

- **Claim**
- **Feedback**

ConcernIndicatorType

Used in:

- ProductPerformanceConcerns

Choices:

- **Yes**
- **No**

ContactType

Identifies the role of the contact within the party.

Used in:

- CommonContact

Choices:

- **AccountManager** – The person who manages the account for the seller or service provider.
- **Carrier** - This contact person identified in the transaction works for a carrier.
- **CrossDock** - This contact person identified in the transaction works at a cross-docking terminal/warehouse.

papiNet Standard - Version 2.20

CoreEndType

CoreEndType

- **CustomerService** - This contact person identified in the transaction works for the customer service department of the supplying company.
- **HelpDesk** - The contact within the trading partner arrangement who services information related requests.
- **Merchant** - This contact person identified in the transaction works for a merchant.
- **Mill** - The paper or pulp mill involved in the transaction.
- **Other** - This contact person identified in the transaction works for someone other than the entity types defined in the attribute list.
- **Plant** - This contact person identified in the transaction works at the plant.
- **Purchaser** - This contact person identified in the transaction works for the entity that is requesting the product.
- **RemitTo** - This contact person identified in the transaction works for the entity to which payment is to be made.
- **SalesOffice** - This contact person identified in the transaction works for a sales office.
- **Warehouse** - This contact person identified in the transaction works at a warehouse.

CoreEndType

Describes how the core ends are made.

Used in:

- CoreCharacteristics

Choices:

- **Bevelled** - The core end is bevelled. A grinding wheel has been used to grind down the inside of the core right at the end to enable an easier mounting of the core onto the shaft or the chucks. This is also called a bevelled end cut.
- **Bridge** - The core end has a notch that is cut on the inside of the core that is tapered and does not go through the core to edge; this is done so the core can be grasped by a particular type of core chuck on a reel arm on a press. Similar to a tapered core.
- **Notched** - The core end has a notch. Notch can be used to drive the core by the press operator or by manufacturing.
- **NotchedFullMetal** - The core end has a notch. Core end is reinforced with metal cap.
- **Plain** - The core end is smooth, not notched.

papiNet Standard - Version 2.20

CoreMaterialType

CreditDebitNoteReferenceType

- **PlainFullMetal** - The core end has no notch; end is reinforced with a metal tip.
- **Tapered** - The core end is tapered.

CoreMaterialType

Specifies the material out of which the core is made.

Used in:

- CoreCharacteristics

Choices:

- **Aluminium** - The reel core is made of aluminium.
- **Fibre** - The reel core is made of fibre.
- **Iron** - The reel core is made of iron.
- **Paper** - The reel core is made of paper.
- **Plastic** - The reel core is made of plastic.
- **Steel** - The reel core is made of steel.

CreditDebitNoteReasonType

Used in:

- CreditDebitNoteReasonCode

Choices:

- Claim
- Commission
- InvoiceError
- Rebate

CreditDebitNoteReferenceType

Used in:

- CreditDebitNote

Choices:

- AccountNumber
- BuyerClaimNumber
- CMRNumber
- ComplaintNumber
- ComplaintResponseNumber
- ContractLineNumber
- ContractNumber
- DespatchInstructionNumber
- IndentOrderNumber

papiNet Standard - Version 2.20

CreditDebitNoteType

CurrencyFromType

- IntraStatNumber
- ISODocumentReference
- LotIdentifier
- MillOrderLineItemNumber
- MillOrderNumber
- OriginalInvoiceNumber
- Other
- StockOrderNumber
- SupplierClaimNumber
- SupplierReferenceNumber
- SupplierVoyageNumber

CreditDebitNoteType

Defines the type of the CreditDebitNote Message

Used in:

- CreditDebitNote

Choices:

- **CreditNote** – The transaction represents a reduction in the amount the buyer owes.
- **DebitNote** – The transaction represents an increase in the amount the buyer owes.

CurrencyFromType

Currently undefined

- Introduced in version V2R20.

Used in:

- ExchangeRate

Choices:

The following currency types are defined:

- | | | | | |
|-------|-------|-------|-------|-------|
| • ADP | • AWG | • BOB | • CLF | • DDM |
| • AED | • BBD | • BRC | • CLP | • DEM |
| • AFA | • BDT | • BSD | • CNY | • DJF |
| • ALL | • BEF | • BTN | • COP | • DKK |
| • ANG | • BGL | • BUK | • CRC | • DOP |
| • AOK | • BHD | • BWP | • CSK | • DZD |
| • ARA | • BIF | • BZD | • CUP | • ECS |
| • ATS | • BMD | • CAD | • CVE | • EGP |
| • AUD | • BND | • CHF | • CYP | • ESP |

papiNet Standard - Version 2.20

CurrencyType

CurrencyType		CurrencyType		
• ETB	• IQD	• MNT	• PTE	• TPE
• EUR	• IRR	• MOP	• PYG	• TRL
• FIM	• ISK	• MRO	• QAR	• TTD
• FJD	• ITL	• MTL	• ROL	• TWD
• FKP	• JMD	• MUR	• RWF	• TZS
• FRF	• JOD	• MVR	• SAR	• UGS
• GBP	• JPY	• MWK	• SBD	• USD
• GHC	• KES	• MXP	• SCR	• UYP
• GIP	• KHR	• MYR	• SDP	• VEB
• GMD	• KMF	• MZM	• SEK	• VND
• GNF	• KPW	• NGN	• SGD	• VUV
• GRD	• KRW	• NIC	• SHP	• WST
• GTQ	• KWD	• NLG	• SLL	• YDD
• GWP	• KYD	• NOK	• SOS	• YER
• GYD	• LAK	• NPR	• SRG	• YUD
• HKD	• LBP	• NZD	• STD	• ZAR
• HNL	• LKR	• OMR	• SUR	• ZMK
• HTG	• LRD	• PAB	• SVC	• ZRZ
• HUF	• LSL	• PEI	• SYP	• ZWD
• IDR	• LUF	• PGK	• SZL	
• IEP	• LYD	• PHP	• THB	
• ILS	• MAD	• PKR	• TND	
• INR	• MGF	• PLZ	• TOP	

CurrencyType

A three-character ISO 4217 currency code in capital letters. The ISO standard classification for currencies. See www.iso.ch or <http://www.iso.ch/cate/d23132.html> for further information.

Used in:

- CurrencyValue

Choices:

The following currency types are defined:

• ADP	• ATS	• BHD	• BTN	• CLP
• AED	• AUD	• BIF	• BUK	• CNY
• AFA	• AWG	• BMD	• BWP	• COP
• ALL	• BBD	• BND	• BZD	• CRC
• ANG	• BDT	• BOB	• CAD	• CSK
• AOK	• BEF	• BRC	• CHF	• CUP
• ARA	• BGL	• BSD	• CLF	• CVE

papiNet Standard - Version 2.20

CustomsReferenceNumberType

- CYP
- DDM
- DEM
- DJF
- DKK
- DOP
- DZD
- ECS
- EGP
- ESP
- ETB
- EUR
- FIM
- FJD
- FKP
- FRF
- GBP
- GHC
- GIP
- GMD
- GNF
- GRD
- GTQ
- GWP
- GYD

- HKD
- HNL
- HTG
- HUF
- IDR
- IEP
- ILS
- INR
- IQD
- IRR
- ISK
- ITL
- JMD
- JOD
- JPY
- KES
- KHR
- KMF
- KPW
- KRW
- KWD
- KYD
- LAK
- LBP
- LKR

- LRD
- LSL
- LUF
- LYD
- MAD
- MGF
- MNT
- MOP
- MRO
- MTL
- MUR
- MVR
- MWK
- MXP
- MYR
- MZM
- NGN
- NIC
- NLG
- NOK
- NPR
- NZD
- OMR
- PAB
- PEI

- PGK
- PHP
- PKR
- PLZ
- PTE
- PYG
- QAR
- ROL
- RWF
- SAR
- SBD
- SCR
- SDP
- SEK
- SGD
- SHP
- SLL
- SOS
- SRG
- STD
- SUR
- SVC
- SYP
- SZL
- THB

- TND
- TOP
- TPE
- TRL
- TTD
- TWD
- TZS
- UGS
- USD
- UYP
- VEB
- VND
- VUV
- WST
- YDD
- YER
- YUD
- ZAR
- ZMK
- ZRZ
- ZWD

CustomsReferenceNumberType

Currently undefined.

Used in:

- CustomsReferenceNumber

Choices:

- SimplifiedCustomsClearanceLicenseNumber
- T2L

D

DateType

Provides a context for the other date used in the message.

Used in:

- OtherDate

Choices:

- **AvailableToShipDate** – The date the product needs to be available to ship.
 - ✧ Introduced in Version V2R20.
- **BoundBookDate** – Date the book is to be bound
- **CancelAfterDate** – An action defined by the context is to be cancelled after the specified date.
- **ComponentDueDate** – The date the component is due at the manufacturing or assembly location.
 - ✧ Introduced in Version V2R20.
- **ComponentShipDate** – The date the component has shipped or should ship.
 - ✧ Introduced in Version V2R20.
- **ConsumptionDate** – The date the item was or should be consumed.
 - ✧ Introduced in Version V2R20.
- **DateOfLastChange** – The last date that changes are permitted.
- **DeliveryDate** – The date the product is to be delivered.
- **DeliveryPriorToDate** – The delivery must take place prior to this date.
- **DeliveryRequestedDate** – The date on which the buyer requests goods to be delivered. Delivery will happen at this date on a “best endeavours” basis.
- **DespatchDate** – The date the product is to be despatched.
- **DoNotDeliverAfterDate** – The delivery must not take place after the date specified.
- **DrawDate** – Introduced in version V2R20.
- **EarliestDate** – Introduced in version V2R20.
- **EndCallOffDate** – The date that call-offs should end.
- **EndOfDeliveryMonth** – The end of the month that delivery has taken place.
- **EndOfDespatchMonth** – The end of the month that despatch has taken place.
- **EndOfInvoiceMonth** – The end of the month that invoice has taken place.

papiNet Standard - Version 2.20

DateType

DateType

- **EstimatedTimeOfArrival** – The date and time that the shipment is expected to arrive.
- **EstimatedTimeOfDeparture** – The date and time that the shipment is expected to leave.
- **ExMillDate** – Goods are ready at the mill.
- **InvoiceDate** – The date of invoicing.
- **LastChangeDate** - The most recent date the document was changed.
- **OnPressDate** – date printing will commence
- **OnSalesDate** – publicised sales date
- **OrderConfirmationDate** – The date that order confirmation took place.
- **OrderFirmedDate** – The date that the order will be consider firm unless additional information is received.
- **Other** - Any other type of date that is not contained in the attribute list.
- **PlannedShipDate** – The anticipated date of shipment.
- **PrintDate** - The date on which a job is planned to go on the press to be printed. The ordered product needs to be available before this date.
- **ProductionDate** – The date the item has been or should be produced.
 - ✧ Introduced in Version V2R20.
- **PublicationDate** – Date the book will be published
- **ProductionDate** – The date the product is produced.
- **Reference Period** – A period of time for the message.
- **RequiredByDate** – The date by which the activity must be completed. In the context of a purchase order this date refers to the date by which the material must be at the buyer’s location of use.
- **ShipEvenlyThroughout** – Distribute shipment of product in relatively even shipments throughout the date range indicated
- **ShipmentPriorToDate** - The shipment (despatch) must take place prior to this date—in other words, the goods have to leave the terminal.
- **ShipmentRequestedDate** – The date shipment is requested.
- **SpecificationVersionDate** – Date of version of a specification
- **StartCallOffDate** - The date on which the first call-off can be placed.
- **TheWeekBeginning** - The delivery is to be made at the beginning of the week that is mentioned in the Date construct.
- **TheWeekEnding** - The delivery is to be made at the end of the week that is mentioned in the Date construct.

papiNet Standard - Version 2.20

DeliveryDateType

DeliveryDateType

- **WarehouseDate** – Depending on the message context this can communicate the date that items are due in the warehouse or have been placed in the warehouse. For example:
 - ✧ Date books are due in the publisher’s warehouse
 - ✧ Date reels were unloaded and put into the warehouse.

DeliveryDateType

Provides a context for the delivery date window

Used in:

- DeliveryDateWindow

Choices:

- **CancelAfterDate** - The delivery is to be cancelled if not delivered by this date.
- **DateOfLastChange** - The latest date at which an amendment versus cancellation is allowed to take place. The seller in the message confirmation communicates this date.
- **DeliveryRequestedDate** - The date on which a buyer requests goods to be delivered. Delivery will happen at this date on a “best endeavours” basis.
- **DoNotDeliverAfterDate** - The delivery must not take place after the date specified.
- **DoNotShipAfterDate** – The shipment must not take place after the date specified.
- **EndCallOffDate** – The date on which the last call-off can be placed.
- **LastChangeDate** - The most recent date the document was changed.
- **LoadingDate** – The date on which loading should or is planned to take place.
 - ✧ Introduced in version V2R20.
- **PlannedShipDate** – The date on which shipment is planned to take place.
- **ReferencePeriod** - The period of the time the CreditDebitNote references.
- **ShipmentPriorToDate** - The shipment (despatch) must take place prior to this date—in other words, the goods have to leave the terminal.
- **ShipmentRequestedDate** – The date on which shipment is requested to take place.
- **StartCallOffDate** - The date on which the first call-off can be placed.

papiNet Standard - Version 2.20

DeliveryLegReferenceType

DeliveryMessageReferenceType

DeliveryLegReferenceType

Currently undefined

- Introduced in version V2R20.

Used in:

- DeliveryLegReference

Choices:

- DeliveryBookingNumber
- SupplierVoyageNumber
- ContainerReference
- ForwarderReference

DeliveryMessageReferenceType

DeliveryMessageReferenceType provides the context for the DeliveryMessageReference. It uses a restricted version of the referenceType data type.

Used in:

- DeliveryMessageReference

Choices:

- | | |
|--------------------------------|--------------------------------|
| • BillOfLadingNumber | • IntraStatNumber |
| • CallOffLineItemNumber | • ISODocumentReference |
| • CallOffNumber | • LoadingOrder |
| • CIMNumber | ✧ introduced in version V2R20. |
| • CMRNumber | • LoadingOrderLineItemNumber |
| • ContractLineNumber | ✧ introduced in version V2R20. |
| • ContractNumber | • LotIdentifier |
| • CustomerReference-Number | • MasterBillOfLading |
| • DeliveryBooking-Number | • MillOrderLineItemNumber |
| • DeliveryLocation | • MillOrderNumber |
| • DespatchInstruction-Number | • OriginalDeliveryNumber |
| • FromSalesOrder-Number | • OriginalInvoiceNumber |
| ✧ introduced in version V2R20. | • OriginalSalesOrderNumber |
| • IndentOrderNumber | ✧ introduced in version V2R20. |
| • InitialShipmentAdvice-Number | • RunNumber |
| | • SalesOrderNumber |
| | ✧ introduced in version V2R20. |

papiNet Standard - Version 2.20

DeliveryMessageStatusType

- SalesOrderLineItem-Number
 - ✧ introduced in version V2R20.
- StockOrderNumber

DeliveryMessageType

- SupplierCallOffNumber
- SupplierReferenceNumber
- SupplierVoyageNumber
- WarehouseDeliveryNumber

DeliveryMessageStatusType

Identifies the status of the entire delivery message (in other words, at the root level). Refer to the "Data Type – Data Dictionary" for the definitions of the choices used in this attribute.

Used in:

- DeliveryMessage

Choices:

DeliveryMessageStatusType uses a restricted set of the statusType data type.

- Cancelled
- Original
- Replaced

DeliveryMessageType

DeliveryMessageType defines the type of delivery message: either an initial shipment advice or a delivery message.

Used in:

- DeliveryMessage

Choices:

- **DeliveryMessage** - A delivery message type that contains optional routing information, quantities at the DeliveryMessageLineItem level, and details at the DeliveryMessageLineItemDetail level. The seller uses a DeliveryMessage to provide delivery details to the ship-to party.
- **InitialShipmentAdvice** - A delivery message type that contains detailed routing information, quantities at the DeliveryMessageLineItem level and optionally details at the DeliveryMessageLineItemDetail level. The seller uses the InitialShipmentAdvice to provide preliminary notification of shipment routing and quantities. The quantities indicated may not necessarily be delivered—for example, if there is damage in transit or the delivery is rerouted to another destination.

DeliveryScheduleReferenceType

Provides the context for the DeliveryScheduleReference and uses a restricted version of the referenceType data type.

Used in:

- DeliveryScheduleReference

Choices:

- ContractLineNumber
- ContractNumber
- CustomerBookingNumber
- CustomerReferenceNumber
- DeliveryBookingNumber
- DeliveryLocation
- IndentOrderNumber
- IntraStatNumber
- ISODocumentReference
- MillOrderNumber
- MillOrderLineItemNumber
- Other
- PurchaseOrderNumber
- SupplierReferenceNumber

DeliveryStatusType

Indicates whether or not you are allowed to take action on the delivery or if more information is required

Used in:

- DeliveryStatus

Choices:

- **Cancelled** - The delivery has been cancelled. You are not allowed to deliver this product.
- **Free** - You are allowed to deliver this product
- **NotFree** - You are not allowed to deliver this product. More information is required from the receiver.

papiNet Standard - Version 2.20

DocumentName

DocumentName

DocumentName

Defines the document name of the electronic transaction that is being acknowledged

Used in:

- BusinessAcknowledgement

Choices:

- Availability
- Business-Acknowledgement
- CallOff
- Complaint
- ComplaintResponse
- CreditDebitNote
- DeliveryMessage
- DeliveryMessageBook
- Forecast
- GoodsReceipt
- InfoRequest
- InventoryChange
- InventoryStatus
- Invoice
- OrderConfirmation
- OrderStatus
- Other
- Planning
- ProductAttributes
- ProductPerformance
- ProductQuality
- PurchaseOrder
- RFQ
- RFQResponse
- ShippingInstructions
- Usage

papiNet Standard - Version 2.20

DocumentReferenceIDType

DocumentRequiredType

DocumentReferenceIDType

Used in:

- DocumentReferenceID

Choices:

- AccountNumber
- AudioVideoSelection-Number
- Author
- BuyerClaimNumber
- JobNumber
- BuyerBudgetCenter
- BuyerDivisionIdentifier
- BuyerImprint
- BuyerRetailPrice
- CallOffLineItemNumber
- ContractLineNumber
- ContractNumber
- CustomerReference-Number
- FromPurchaseOrder-Number
- IndentOrderNumber
- IntraStatNumber
- ISBN10
- ISBN10Dash
- ISBN13
- ISODocument-Reference
- LotIdentifier
- MasterContractNumber
- OrderPartyReferenceNumber
- OriginalPurchaseOrderNumber
- PackageNumber
- PriceContractNumber
- PriceList
- PrintingNumber
- ReleaseNumber
- RFQLineItemNumber
- RFQNumber
- RunNumber
- ShippingInstructions-LineItemNumber
- ShippingInstructionsNumber
- SpecificationReferenceNumber
- StockOrderNumber
- SupplierReferenceNumber
- Title
- TitleAlias
- ToPurchaseOrderNumber
- UniversalProductIdentifier
- Other

DocumentRequiredType

Currently undefined

- Introduced in version V2R20.

Used in:

- DocumentRequired

Choices:

- Refer to ReferenceType for an analysis of how the various reference types are used within the papiNet standard.

E

EndsDiscountRule

Currently undefined

- Introduced in version V2R20.

Used in:

- EndsDiscountInformation

Choices:

- NoDiscount
- TotalVolume
- TotalVolumeOverPermittedPercent

ExchangeRateType

Defines the nature of the exchange rate

Used in:

- ExchangeRate

Choices:

- **Fixed** – a fixed exchange rate
- **Float** – an exchange rate that floats and is locked in at a particular point in time.

F

FloorLocationType

Used in:

- PressBreakLocation

Choices:

- **Above**
- **Below**

G

GoodsReceiptAcceptance, GoodsReceiptHeaderAcceptance

Defines the state of the goods received as compared to the DeliveryMessage specifications

Used in:

- GoodsReceipt
- GoodsReceiptLineItem
- GoodsReceiptPackage

Choices:

- **GoodsReceivedAsIs** – The delivered goods were received without inspection, or checking of the goods for damage, or accuracy against the DeliveryMessage.
- **GoodsReceivedAsSpecified** - Received goods agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights. There is no transit damage.
- **GoodsReceivedCancelled** – Received goods notification is being cancelled. This value is only used when the GoodsReceiptStatusType is "Cancelled."
- **GoodsReceivedRejected** – Received goods agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights; but there has been transit damage resulting in rejection of all goods.
- **GoodsReceivedWithDamage** – Received goods agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights; but there has been transit damage of some items. All transit damages must be specified.
- **GoodsReceivedWithoutDeliveryMessage** – Goods were received but there was no prior DeliveryMessage. This acceptance status applies to the entire GoodsReceipt message and is available only at the message level.
- **GoodsReceivedWithVariance** – Received goods do not agree completely with the DeliveryMessage specifications. For those items at variance, actual received item identifiers and item weights must be specified.
 - ✧ Additionally, used with the VarianceType of "NotReceived" to indicate items that were on the Delivery Message but not in the Delivery as received.
- **GoodsReceivedWithVarianceAndDamage** – Received goods do not agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights and there has been

papiNet Standard - Version 2.20

GoodsReceiptReferenceType

GoodsReceiptStatusType

transit damage of some items. For those items at variance or with transit damage, actual received item identifiers, item weights, and transit damages must be specified.

GoodsReceiptReferenceType

Provides the context for the GoodsReceiptReferenceUses a restricted version of the referenceType data type

Used in:

- GoodsReceiptHeader
- GoodsReceiptLineItem

Choices:

- BillOfLadingNumber
- CallOffNumber
- CIMNumber
- CMRNumber
- CustomerReferenceNumber
- DespatchInstructionNumber
- InitialShipmentAdviceNumber
- LotIdentifier
- MasterBillOfLading
- MillOrderLineItemNumber
- MillOrderNumber
- OriginalGoodsReceiptNumber
- OriginalPurchaseOrderNumber
- OriginalDeliveryNumber
- Other
- SupplierCallOffNumber
- SupplierReferenceNumber
- SupplierVoyageNumber

GoodsReceiptStatusType

Defines the status of the entire GoodsReceipt message at root level

Used in:

- GoodsReceipt

Choices:

- **Cancelled** - The entire GoodsReceipt message is cancelled.
- **Original** - Initial version of a GoodsReceipt is being sent.
- **Replaced** - The GoodsReceipt message replaces an original GoodsReceipt.

GoodsReceivedRejectedType

Defines the reason the goods were rejected

Used in:

- GoodsReceipt
- GoodsReceiptLineItem
- GoodsReceiptPackage

Choices:

- **ExcessiveTransitDamage** - The item(s) is/are damaged beyond acceptable use during transit.
- **TooEarly** – The delivery has occurred prior to the agreed delivery date/time. For example, there is insufficient storage at the delivered time.
- **TooLate** – The delivery has occurred after the agreed delivery date/time. For example, delivered after press date.
- **UnableToUnload** – The delivered items cannot be unloaded. For example, damaged vehicle doors, load has shifted during transportation, or ShipTo requires reels to be palletised but they are delivered on the vehicle floor.
- **WrongBarCode** – The barcode used to identify the product is incorrect.
- **WrongBasisWeight** – The basis weight of the product is not what was ordered.
- **WrongDiameter** – The diameter delivered is unusable. For example, a physical limitation on a reel stand is exceeded.
- **WrongLabel** – The delivered item has incorrect or missing information, or incorrect label stock that would prevent its use. For example, insufficient peel-off barcode labels.
- **WrongReelWidth** – The width of the reel is incorrect.
 - ◊ Introduced in Version V2R20.
- **WrongVehicleType** – The items have been delivered in a vehicle that cannot be unloaded at the ShipTo facility. For example, the ShipTo requires side unloading vehicles, but the delivery vehicle can only be unloaded from the rear.
- **WrongWrap** – The delivered item is wrapped in material that will prevent its use. For example, a hole is not present in the end cap for vacuum lifting.

GPSSystem

Used in:

- GPSCoordinates

papiNet Standard - Version 2.20

IdentifierCodeType

IdentifierCodeType

Choices:

- **ECEF** – Earth Centered Earth Fixed
- **HAE** – Height about Ellipse
- **MSL** – Mean Sea Level (default)

I

IdentifierCodeType

Defines the type of product identifier used (for example, reel number, ream number, bar code). This code type specifies how to decode the identifier value.

Used in:

- Identifier

Choices:

- **EAN8**- European Article Number coded on 8 digits.
- **EAN13** - European Article Number coded on 13 digits.
- **EPSMA** – European Association for Pressure Sensitive LabelStock Manufacturers
 - ✧ Introduced in version V2R20.
- **EUGROPA** - European Paper Merchants Association code.
- **GlobalReturnableAssetNumber** – The EAN.UCC Global Returnable Asset Number
- **GlobalTradeItemNumber** – The EAN.UCC Global Trade Item Number
- **IFRA** - IFRA Bar Code using 16 digits and the Interleaved 2/5 symbols.
- **NARI** - North American Roll Identifier coded on 13 digits, and using the Code 39 symbols.
- **NPTA** - National Paper Trade Association code.
- **SerialisedShippingContainerCode**- The EAN.UCC Serialized Shipping Container Code
- **Supplier** - Supplier's own identifier coding scheme.
- **TAPPI13** -TAPPI 13-character identifier coding scheme.
- **TAPPI9**- TAPPI 9-character identifier coding scheme.
- **UIC14**- The CEPI Unit identifier coded on 14 digits and using the Code 128 symbols. This is still a trial package identifier.
- **UIC16**- The CEPI Unit identifier coded on 16 digits and using the Code 128 symbols. This is the official European package identifier as opposed to the UIC 14.

papiNet Standard - Version 2.20

IdentifierFormatType

IdentifierFormatType

- **UPC** - Universal Product Code administered by the Universal Code Council. Note: There are several formats used for this coding scheme.

IdentifierFormatType

Currently undefined

- Introduced in version V2R20.

Used in:

- Identifier

Choices:

- Codabar
- CodablockA
- CodablockF
- Code11
- Code16K
- Code2/5Beared
- Code2/5Industrial
- Code2/5Interleaved
- Code2/5InterleavedMod10
- Code2/5MatrixEurope
- Code2/5MatrixJapan
- Code2/5Standard
- Code39
- Code39F.ASCII
- Code39Mod43
- Code93
- Code128Auto-Switching
- Code128A
- Code128B
- Code128C
- Code128C(F1Mod10)
- Composite
- Datamatrix
- EAN8
- EAN8Plus2
- EAN8Plus5
- EAN13
- EAN13Plus2
- EAN13Plus8
- EAN128
- HumanReadable
- IBM_BC412
- ITF14
- Logmars
- MicroPDF14
- PDF417
- Plessey
- Postnet
- QR_Code
- RSS
- TLC39
- UPC_A
- UPC_A_Plus2
- UPC_A_Plus5
- UPC_E
- UPC_E_Plus2
- UPC_E_Plus5
- UCCEAN128SSCC
- UCCEAN128Multi
- UPC_ShippingContainer
- Other

IdentifierType

This attribute specifies whether the Identifier is the primary way to identify the product or a secondary way. Only one of the given identifiers can be primary. In addition, this attribute also specifies the physical support used to code the identifier (for example, a Radio Frequency (RF) Tag).

Used in:

- Identifier

Choices:

- **Barcode** - The physical support used to code the identifier is a bar code.
- **CorrelationID** - Introduced in version V2R20. Currently undefined.
- **Primary** - This article Identifier is the primary identifier used.
- **RFTag** - The physical support used to code the identifier is a Radio Frequency Tag.
- **Secondary** - This article Identifier is the secondary identifier used.

Incoterms

The Incoterms consist of 13 official international trade terms plus an additional term called Other. The Incoterms define the responsibilities of buyers and sellers for delivery under a sales contract. They provide definitions for delivery points, loading and unloading obligations, and customs clearance.

Used in:

- IncotermsLocation

Choices:

- **CFR** - COST AND FREIGHT (... named port of destination)
- **CIF** - COST, INSURANCE AND FREIGHT (... named port of destination).
- **CIP** - CARRIAGE AND INSURANCE PAID TO (... named place of destination).
- **CPT** - CARRIAGE PAID TO (... named place of destination).
- **DAF** - DELIVERED AT FRONTIER (... named place).
- **DDP** - DELIVERED DUTY PAID (... named place of destination).
- **DDU** - DELIVERED DUTY UNPAID (... named place of destination).
- **DEQ** - DELIVERED EX QUAY (... named port of destination).
- **DES** - DELIVERED EX SHIP (... named port of destination).
- **EXW** - EX WORKS (... named place).
- **FAS** - FREE ALONGSIDE SHIP (... named port of shipment).
- **FCA** - FREE CARRIER (... named place).

papiNet Standard - Version 2.20

InfoRequestType

InventoryChangeReferenceType

- **FOB** - FREE ON BOARD (... named port of shipment).
- **Other** - Used when the situation is not covered by the 13 official Incoterms (for example, CIN used in Switzerland for CIP)

InfoRequestType

An attribute designed to indicate which response message is expected in response to the InfoRequest message.

Used in:

- InfoRequest

Choices:

- **Availability**
- **InventoryChange**
- **InventoryStatus** – An InfoRequest message that is requesting an inventory status.
- **OrderStatus** – An InfoRequest message that is requesting an order status.
- **Planning**
- **ProductQuality**

InventoryChangeReferenceType

Provides the context for the InventoryChangeReference and uses a restricted version of the referenceType data type.

Used in:

- InventoryChangeReference

Choices:

- AccountNumber
- BuyerClaimNumber
- CMRNumber
- ComplaintNumber
- ContractLineNumber
- ContractNumber
- IndentOrderNumber
- InventoryDispositionInstructionsNumber
- InventoryDispositionInstructionsLineNumber
- IntraStatNumber
- ISODocumentReference
- MillOrderLineNumber
- MillOrderNumber
- Other

papiNet Standard - Version 2.20

InventoryChangeStatusType

InventoryDispositionInstructionsReferenc

- OriginalInvoiceNumber
- StockOrderNumber
- SupplierClaimNumber
- SupplierReferenceNumber
- SupplierVoyageNumber

InventoryChangeStatusType

Defines the status of the entire InventoryChange message at root level

Used in:

- InventoryChange

Choices:

- Cancelled
- Original
- Replaced

InventoryChangeType

Identifies the reason for the inventory change

Used in:

- InventoryChange

Choices:

- **Buy** – The material has been purchased
- **Classification** – The inventory change is due to a change in classification
- **InventoryTransfer** – The material has been transferred
- **LocationTransfer** – The material has been moved
- **OwnershipTransfer** – the party owning the material is being changed.
- **QuantityReject** – The change is due to rejection.
- **Rewrapping** – The material has been rewrapped
- **Sell** – The material has been sold
- **SiteDamage** – Damage has taken place at the storage site.
- **TransitDamage** – Damage has taken place in transit.
- **Waste** – The quantity is being changed due to spoilage or waste of material.

InventoryDispositionInstructionsReferenceType

Currently undefined.

papiNet Standard - Version 2.20

InventoryDispositionInstructionsType

InventoryStatusReferenceType

- Introduced in version V2R20.

Used in:

- InventoryDispositionInstructionsReference

Choices:

- Refer to ReferenceType

InventoryDispositionInstructionsType

Indicates the type of inventory disposition that is required Introduced in version V2R20.

Used in:

- InventoryDispositionInstructionsDetail

Choices

- Destroy
- Hold
- Scrap
- Transfer

InventoryStatusReferenceType

Provides the context for the InventoryStatusReference. Uses a restricted version of the referenceType data type

Used in:

- InventoryStatusReference

Choices:

- | | |
|-------------------------|---------------------------|
| • AccountNumber | • MillOrderLineNumber |
| • BuyerClaimNumber | • MillOrderNumber |
| • CMRNumber | • OriginalInvoiceNumber |
| • ContractLineNumber | • Other |
| • ContractNumber | • StockOrderNumber |
| • IndentOrderNumber | • SupplierClaimNumber |
| • IntraStatNumber | • SupplierReferenceNumber |
| • ISODocument-Reference | • SupplierVoyageNumber |

papiNet Standard - Version 2.20

InventoryStatusReportingDetailType

InventoryStatusRequestDetailType

InventoryStatusReportingDetailType

Communicates the level of detail in which inventory is to be reported.

Used in:

- InventoryStatusRequestDetail

Choices:

- **AggregatedInventory** – Inventory is to be reported in summary.
- **DetailedInventory** – Inventory is reported in detail (using the InventoryStatusLineItemDetail element).

InventoryStatusRequestDetailType

Communicates the method in which the inventory status should be summarized.

Used in:

- InventoryStatusRequestDetail

Choices:

- **ByProduct** – by product
- **ByPurchaseOrder** – by the purchase order the material was ordered
- **BySupplierOrder** – by the order the material was manufactured

papiNet Standard - Version 2.20

InvoiceReferenceType

InvoiceReferenceType

InvoiceReferenceType

Provides the context for the InvoiceReference. Uses a restricted version of the referenceType data type.

Used in:

- InvoiceReference

Choices:

- AccountNumber
- Author
- BarCodedSerialNumber
 - ✧ Introduced in version V2R20.
- BillAndHoldInvoiceNumber
 - ✧ Introduced in version V2R20.
- BillOfLadingNumber
 - ✧ Introduced in version V2R20.
- BookLanguage
- CMRNumber
- ContractLineNumber
- ContractNumber
- ConvertingReport-Number
- Copyright
- CreditAuthorizationNumber
 - ✧ Introduced in version V2R20
- CreditNoteNumber
 - ✧ Introduced in version V2R20
- CustomerReference-Number
- DespatchInformation-Number
- Edition
- FromSalesOrderNumber
 - ✧ Introduced in version V2R20
- GoodsReceiptNumber
- IndentOrderNumber
- IntraStatNumber
- ISBN10
- ISBN10Dash
- ISBN13
- ISODocumentReference
- LoadingOrder
 - ✧ Introduced in version V2R20
- LoadingOrderLineItemNumber
 - ✧ Introduced in version V2R20
- LotIdentifier
- MillOrderLineItemNumber
- MillOrderNumber
- NonconformanceReportNumber
 - ✧ Introduced in version V2R20
- OriginalInvoiceNumber
- OriginalSalesOrderNumber
 - ✧ Introduced in version V2R20
- Other
- PupilsTeacher
- QualityReportNumber
 - ✧ Introduced in version V2R20
- SalesOrderNumber
 - ✧ Introduced in version V2R20
- SalesOrderLineItemNumber
 - ✧ Introduced in version V2R20
- SchoolGrade
- SchoolGradeLevel
- SellersInvoiceNumber
 - ✧ Introduced in version V2R20

papiNet Standard - Version 2.20

InvoiceType

ISOCountryCode

- ShippingInstructions-LineItemNumber
- ShippingInstructions-Number
- StockOrderNumber
- SupplierReferenceNumber
- SupplierVoyageNumber
- UsageNumber

InvoiceType

Defines the various types of invoices

Used in:

- Invoice

Choices:

- **Invoice** - A regular invoice (referred to as an invoice) is a message claiming payment for goods supplied under conditions agreed to between seller and buyer. The invoice communicates, among other things, payment terms, payment method, and the payment amount required for one or more deliveries.
- **PrePayment** - A prepayment invoice is an invoice to pay amounts for goods in advance. These amounts will be subtracted from the final invoice.
- **ProForma** - A pro-forma invoice is a document/message serving as a preliminary invoice, containing on the whole the same information as the final invoice, but not actually claiming payment. Pro-forma invoices are typically used in a cross-border shipment for customs purposes

ISOCountryCode

The valid list of ISO Country Codes. Refer to <http://www.iso.ch/iso/en/prods-services/iso3166ma/02iso-3166-code-lists/list-en1.html> for the list of valid codes.

Used in:

- Country

Choices:

- Refer to the ISO website listed above for the valid list.

ItemType

Indicates the form of the item being reported as being used. Many of the ItemType(s) indicated here have a corresponding named element equivalent, which is referenced here for definition purposes.

Used in:

- ComplaintResponseLineItemDetail
- ComplaintLineItemDetail
- ItemDetails
- UsageLineItemDetail

Choices:

- BaleItem
- Box
- BoxItem
- Pallet
- PulpUnit
- ReamItem
- ReelItem
- ReelPackage
- Tambour

L

Language

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard. The various references are provided below.

papiNet has set the default value for Language to "eng". RFC3066 would indicate that it should be set to "en" however, we feel that it is more appropriate to use the content-rich 3-digit codes whenever possible.

Used in:

- | | |
|----------------------------|------------------------|
| • Availability | • EndUses |
| • Business-Acknowledgement | • GoodsReceipt |
| • CallOff | • InfoRequest |
| • Complaint | • InventoryChange |
| • ComplaintResponse | • InventoryStatus |
| • CreditDebitNote | • Invoice |
| • DeliveryMessage | • OrderConfirmation |
| • DeliveryMessageBook | • OrderStatus |
| | • PackagingDescription |

papiNet Standard - Version 2.20

LocationQualifier

LocationQualifier

- ProductDescription
- ProductQuality
- PurchaseOrder
- RFQ
- RFQResponse
- ScaleTicket
- ShippingInstructions
- SenderProductAttributes-Description
- TermsAndDisclaimers
- Usage

Choices:

- <http://www.loc.gov/standards/iso639-2/>
This is the official site of the ISO 639-2 Registration Authority.
- <http://www.w3.org/International/O-HTML-tags.html>
Provides an explanation of the errata updating XML.
- <http://www.ietf.org/rfc/rfc3066.txt>
is the key document that is referenced in the above errata.

LocationQualifier

An attribute of the shipment method of payment describing the location to which the delivery terms refer. This location determines where and when the goods ownership is transferred from the seller to the buyer.

Used in:

- ShipmentMethodOfPayment

Choices:

- **Destination** – Introduced in version V2R20. Currently undefined.
- **DistributionCentre** - Ownership is transferred at the distribution centre, which is an intermediate warehouse.
- **Dock** – Introduced in version V2R20. Currently undefined.
- **Factory** – Introduced in version V2R20. Currently undefined.
- **Mill** - Ownership is transferred at the manufacturing unit (paper mill).
- **OnVesselFOBPoint** - Ownership is transferred on the vessel.
- **Origin** – Introduced in version V2R20.
- **OriginAfterLoadingOnEquipment** - Ownership is transferred at the time equipment is loaded at the mill/warehouse/terminal.
- **OriginShippingPoint** - Ownership is transferred at the origin shipping point, in other words, at the port of loading.
- **Plant** - Ownership does not transfer until received at the buyer's facility.
- **Port** – Introduced in version V2R20. Currently undefined.
- **Reload** – Introduced in version V2R20. Currently undefined.
- **Terminal** – Introduced in version V2R20. Currently undefined.

papiNet Standard - Version 2.20

LocationType

MailAttachmentType

- **Warehouse** - Ownership changes upon departure of the goods from the warehouse.

LocationType

Location of Break on the Press. A group item detailing relevant locations on the press to the Performance Message.

Used in:

- PressBreakLocation

Choices:

- **AirTurn** – After Colour Unit – just prior to Dryer
- **Chills** – After Dryer – on chill rolls
- **Dryer** – Within Dryer equipment
- **Folder** – Within Folders ; prior to cut off delivery
- **Infeed** – Prior to Printing Units, after Reel Stand /Splicing Area
- **PrintingUnit** – Within any colour unit
- **RibbonDeck** After slitting ; prior to folder
- **ReelStand** – Non Splice phase – prior to Infeed
- **Slitters** – As Web is slit to ribbons
- **Splicer** – during pasting cycle

M

MachineStoppage

An indicator on whether the production had to be periodically stopped.

Used in:

- PulpConcerns
- SheeterConcerns

Choices:

- **Yes**
- **No**

MailAttachmentType

Used in:

- MailAttachment

Choices:

- BillOfLading
- CMR
- Photo

papiNet Standard - Version 2.20

Method

MixedProductPalletIndicator

- Sample
- Waybill

Method

An attribute of the shipment method of payment, which defines the responsibilities of buyers and sellers for delivery under a sales contract.

It especially determines the obligations of the seller and the buyer regarding the payment of the freight costs.

Used in:

- ShipmentMethodOfPayment

Choices:

- **CollectFreight** – Introduced in version V2R20. Currently undefined.
- **CollectFreightAndAllowed** - Introduced in version V2R20. Currently undefined.
- **CollectFreightCreditedBackToCustomer** - Defines the difference between the invoice freight cost and the allowance by the mill. This can be a credit or a debit to the customer.
- **CustomerPickupBackhaul** - Specifies that the carrier who is doing the delivery can pick a return load.
- **Pickup** - Specifies that the customer will pick up the goods; in other words, the goods transport is organised by the buyer who will therefore pay for the freight.
- **PrepaidButChargedToCustomer** - Specifies that the freight costs will be prepaid by the seller but will be charged back to the buyer.
- **PrepaidBySeller** - Specifies that the seller will prepay the freight costs.

MixedProductPalletIndicator

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

Used in:

- PackageCharacteristics
- PalletCharacteristics

Choices:

- **No** - Products from different PurchaseOrderLineItem(s) cannot be shipped on the same pallet.

papiNet Standard - Version 2.20

MixProductIndicator

NASTA

- **Yes** - Products from different PurchaseOrderLineItem(s) may be shipped on the same pallet. The same pallet identifier will be referenced on another DeliveryMessageLineItemDetail(s).

MixProductIndicator

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

Used in:

- BoxItem
- PalletItem
- TransportLoadingCharacteristics

Choices:

- **No** - Products from different PurchaseOrderLineItem(s) cannot be shipped on the same shipment.
- **Yes** - Products from different PurchaseOrderLineItem(s) may be shipped on the same shipment.

N

NASTA

Currently undefined

- Introduced in Version V2R20
- Yes
- No

O

OrderConfirmationHeaderStatusType

An attribute defining the status of the order confirmation header

Used in:

- OrderConfirmationHeader

Choices:

- **Accepted** - The seller has accepted all elements within this order confirmation header.
- **Amended** - Indicates that one or more elements within this order confirmation header have been amended.
- **NoAction** - This order confirmation header has not been amended and thereby does not require any action.
- **Pending** - The seller cannot yet confirm one or more elements within this order confirmation header; they are therefore pending.
- **Rejected** - One or more elements within this order confirmation header have been rejected.

OrderConfirmationLineItemStatusType

Defines the status of the order confirmation line item

Used in:

- OrderConfirmationLineItem

Choices:

OrderConfirmationLineItemStatusType uses a restricted set of the statusType data type.

- Accepted
- Cancelled
- Pending
- Amended
- NoAction
- Rejected

papiNet Standard - Version 2.20

OrderConfirmationReferenceType

OrderConfirmationStatusType

OrderConfirmationReferenceType

OrderConfirmationReferenceType provides the context for the OrderConfirmationReference. It uses a restricted version of the referenceType data type.

Used in:

- OrderConfirmationReference

Choices:

- AccountNumber
- Author
- BookLanguage
- ContractLineNumber
- ContractNumber
- Copyright
- CustomerReference-
Number
- Edition
- EndCallOffDate
- IndentOrderNumber
- IntraStatNumber
- ISBN10
- ISBN10Dash
- ISBN13
- ISODocument-
Reference
- LotIdentifier
- MillOrder-
LineItemNumber
- MillOrderNumber
- MillSalesOfficeNumber
- OriginalPurchaseOrder-
Number
- Other
- PackageNumber
- PriceList
- PupilsTeachers
- ReleaseNumber
- RFQLineItemNumber
- RFQNumber
- RunNumber
- SchoolGrade
- SchoolGradeLevel
- ShippingInstructions-
LineItemNumber
- ShippingInstructions-
Number
- StockOrderNumber
- SupplierReference-
Number
- SupplierVoyageNumber

OrderConfirmationStatusType

Identifies the status of the whole order confirmation message (i.e. at the root level)

Used in:

- OrderConfirmation

Choices:

OrderConfirmationStatusType uses a restricted set of the statusType data type.

- Accepted

papiNet Standard - Version 2.20

OrderContextType

OrderStatusCode

- Cancelled
- Amended
- Rejected

OrderContextType

Qualifies the source of the Purchase Order.

- Introduced in version V2R20.

Used in:

- PurchaseOrderWood

Choices:

- **PurchaseOrder** – The source is the buyer.
- **SalesOrder** – The source is the supplier.

OrderHeaderStatusType

Defines the status of the purchase order header

Used in:

- PurchaseOrderWoodHeader

Choices:

OrderHeaderStatusType uses the statusType data type.

- Amended
- Cancelled
- New
- NoAction

OrderStatusCode

This attribute communicates the overall status of the order.

Used in:

- OrderPrimaryStatus

Choices:

- **ActiveFree** - The PO, order, or line item has been accepted or confirmed by the supplier. It may not have been manufactured, packed, or shipped yet. It is free for production. This status is also known as open status.
- **ActiveHold** - The PO, order, or line item has been accepted or confirmed by the supplier. It may not have been manufactured, packed, or shipped yet. It is not free for production. Examples of this status include a reserved order or line item, the print time has not

papiNet Standard - Version 2.20

OrderStatusCode

OrderStatusCode

been determined, other payment terms not completed, or the last date for change has not been received.

- **Cancelled** - The PO, order, or line item has a cancelled status in the supplier's system. It will not be manufactured nor shipped.
- **Complete** - The PO, order, or line item has a complete status in the supplier's system. It has been packed, shipped, and invoiced successfully.
- **Delayed** -
- **FinalPlanning** - The order is undergoing the final planning process.
- **Invoiced** - The PO, order, or line item has an invoiced status in the supplier's system. It has been billed to the customer for payment purposes.
- **Loaded** - The PO, order, or line item has a loaded status in the supplier's system. It has been loaded onto a transport vehicle shipping purposes.
- **NotReceived** -
- **OrderLineConfirmed** - The order line has been confirmed.
- **Packed** - The PO, order, or line item has a packed status in the supplier's system. It has been packaged or staged for loading and shipping purposes.
- **PartiallyShipped** - The PO, order, or line item has a partially shipped status in the supplier's system. Part of the quantity requested has been shipped to the customer but part of the request still remains to be shipped.
- **Pending** - The PO, order, or line item has a pending status in the supplier's system. It has not yet been confirmed, accepted, nor rejected by the supplier. This status indicates that the supplier requires more time to determine acceptance.
- **Planned** - The PO, order, or line item has a planned or scheduled status in the supplier's system. It has not yet begun the manufacturing process.
- **ProductionComplete** - The PO, order, or line item has completed the manufacture process by the supplier.
- **ProductionStarted** - The PO, order, or line item has begun to be manufactured by the supplier.
- **ReservedInProductionPlanningSystem** - Material and capacity is available for production.
- **Scheduled** - The order has been scheduled.
- **ShipmentComplete** - The order has been fully shipped.
- **Shuttled** - Material has been moved.
- **Staged** - Material has been positioned for production.
- **Transferred** - The manufacturing order has been moved.

papiNet Standard - Version 2.20

OrderStatusRequestDetailType

OrderStatusType

- **TransferredToMillSystem** – The order has been loaded onto the mill manufacturing system.
- **Unscheduled** – The order has not yet been scheduled.
- **Unshipped** - The PO, order, or line item is in the supplier's mill or warehouse but has yet to be shipped.

OrderStatusRequestDetailType

Communicates the method in which the order status should be summarized.

Used in:

- OrderStatusRequestDetail

Choices:

- **ByProduct** – by product
- **ByPurchaseOrder** – by the purchase order the material was ordered
- **BySupplierOrder** – by the order the material was manufactured

OrderStatusType

This attribute has two rather dissimilar definitions depending on where it is used.

Used in:

- **OrderStatus**
 - ✧ Communicates the method in which the order status has been summarized.
- **PurchaseOrderWood**
 - ✧ Communicates the stage of the wood Purchase Order.

Choices:

- **OrderStatus use:**
 - ✧ **ByProduct** – by product
 - ✧ **ByPurchaseOrder** – by the purchase order the material was ordered
 - ✧ **BySupplierOrder** – by the order the material was manufactured
- **PurchaseOrderWood use:**
 - ✧ **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.
 - ✧ **New** – This is the first time the message has been sent.

papiNet Standard - Version 2.20

OrderType

OrganisationUnitType

OrderType

Defines the type of purchase order issued.

- Introduced in version V2R20.

Used in:

- PurchaseOrderWood

Choices:

- **BlanketOrder** – A purchase order that communicates the same information as a StandardOrder but also indicates that the order may be completed over a period of time or, until a certain volume is achieved or, until a certain currency amount is spent.
- **ReleaseOrder** - A release order is used to release a product to be made. This type of purchase order refers to a previous order or agreement, such as a reservation order, a contract, or a blanket order. A release number version called PurchaseOrderReleaseNumber, which is an incremented number, is used in this message.
- **ReservationOrder** - A reservation order is used to book a paper supplier's capacity for specific quantities of specific products, but it is not yet a firm commitment to buy. Consequently, all purchase order line items of a reservation order have a ProductionStatusType of NotFree. To release one or more purchase order line items of a reservation order, a buyer can use a standard order or a release order.

OrganisationUnitType

Identifies the type of organisation being communicated

Used in:

- OrganisationUnit

Choices:

- **Department** – A major division of a business.
- **Division** – An administrative or operating unit of a business
- **Dock** – A place for the unloading or loading of material.
- **Location** – A place marked by some distinguishing feature.
- **Region** – An administrative area of a business.
- **StorageLocation** – A place that supports the functions associated with warehousing of material.
- **Terminal** – A point along a carrier line having facilities for the handling of freight.
- **Other** – Another type of unit, not defined above.

papiNet Standard - Version 2.20

PackageLevel

PackageType

P

PackageLevel

Currently undefined

- Introduced in version V2R20.

Used in:

- PackageInformation

Choices:

- any decimal number following the format of a decimal number with up to 3 numbers to the left of the decimal point and up to 2 number to the right of the decimal point (dec03-2).

PackageType

Communicates the configuration of the item being reported

Used in:

- PackageInformation

Choices:

- **Bag**
 - ✧ Introduced in Version V2R20
- **Barrel**
 - ✧ Introduced in Version V2R20
- **Box**
 - ✧ Note: Box is the papiNet way of referring to a Carton
- **Bundle**
 - ✧ Introduced in Version V2R20
- **Container**
 - ✧ Introduced in Version V2R20
- **Crate**
 - ✧ Introduced in Version V2R20
- **Drum**
 - ✧ Introduced in Version V2R20
- **FullWoodPackage**
 - ✧ Introduced in Version V2R20
- **HalfWoodPackage**
 - ✧ Introduced in Version V2R20
- **LengthPackage**
 - ✧ Introduced in Version V2R20

papiNet Standard - Version 2.20

PackingListItemType

PackingListItemType

- **Lift**
 - ✧ Introduced in Version V2R20
- **Pail**
 - ✧ Introduced in Version V2R20
- **Pallet**
- **Piece**
 - ✧ Introduced in Version V2R20
- **PulpUnit**
- **ReelPackage**
- **TruckPackage**
 - ✧ Introduced in Version V2R20
- **UnformedPulp**
- **Vehicle**

PackingListItemType

Currently undefined.

- Introduced in version V2R20.

Used in:

- PackingListItem

Choices:

- Box
- Ream
- Reel
- Sheet
- Other

papiNet Standard - Version 2.20

PackingListReferenceType

PackingListStatusType

PackingListReferenceType

Currently undefined

- Introduced in version V2R20.

Used in:

- PackingListReference

Choices:

- BillOfLadingNumber
- CallOffLineItemNumber
- CallOffNumber
- CIMNumber
- CMRNumber
- ContractLineNumber
- ContractNumber
- CustomerReference-Number
- DeliveryBooking-Number
- DespatchInstructionNumber
- IndentOrderNumber
- InitialShipmentAdviceNumber
- IntraStatNumber
- ISODocumentReference
- LotIdentifier
- MasterBillOfLading
- MillOrderLineItemNumber
- MillOrderNumber
- OriginalDeliveryNumber
- OriginalInvoiceNumber
- RunNumber
- StockOrderNumber
- SupplierCallOffNumber
- SupplierReferenceNumber
- SupplierVoyageNumber
- WarehouseDeliveryNumber
- Other

PackingListStatusType

Currently undefined

- Introduced in version V2R20.

Used in:

- PackingList

Choices:

- Cancelled
- Original
- Replaced

PackUnitType

Currently undefined

- Introduced in version V2R20.

Used in:

- PackingUnit

Choices:

- Container
 - Pallet
 - Stack
-

PalletAdditionsType

Gives additional characteristics of the pallet

Used in:

- PalletCharacteristics

Choices:

- **FullPerimeter** - The pallet has a full perimeter.
- **FungicideTreatment** - The pallet wood has received a fungicide treatment.
- **LongSlats** - The pallet has long slats.
- **NoBlockOffset** - The pallet is a no-block offset.
- **Reinforced** - The pallet is reinforced.
- **TrimmedEdges** - The pallet has trimmed edges.

PalletCoverType

Details the type of cover that can be used on top of the pallet body

Used in:

- PalletCharacteristics

Choices:

- **MetalPlateWithPE** - A metal plate covers the pallet with polyethylene on top.
- **WithoutPE** - The pallet cover is without polyethylene on top.
- **WithPE** - The pallet cover is with polyethylene on top.
- **WithPEUnderCover** - The pallet cover is with polyethylene under the wooden plates.
- **WoodStripWithoutPE** - The pallet cover is made up from a wood strip without polyethylene on top.
- **WoodStripWithPE** - The pallet cover is made up from a wood strip with polyethylene on top.

PalletLedgeType

Details the type of pallet ledges that can be used

Used in:

- PalletCharacteristics

Choices:

- **LongWay** - The ledge wood is on the long side of the pallet.
- **LongWayWithBelt** - The ledge wood is on the long side of the pallet, with a packaging belt.
- **ShortWay** - The ledge wood is on the short side of the pallet.
- **ShortWayWithBelt** - The ledge wood is on the short side of the pallet, with a packaging belt.

PalletTopType

Details the type of pallet top that can be used

Used in:

- PalletCharacteristics

Choices:

- **CartonboardCover** - The pallet top is composed of carton-board.
- **Chipboard** - The pallet top is composed of chipboard.
- **Corrugated** - The pallet top is composed of corrugated board.
- **EdgeProtection** - The pallet top has edge protections for the sheets of paper placed on top. They are placed on the top pallet edges.
- **FiveStripsOfWood** - The pallet top is composed of five strips of wood.
- **FullyCoverThreeCrossBoards** - The pallet top is composed of a fully wooden cover with three cross ledges on top.
- **FungicTreatWoodFrame** - The pallet top is composed of a wooden frame, which is treated with fungicide.
- **OneStripOfWood** - The pallet top is composed of one strip of wood.
- **PlywoodCover** - The pallet top is composed of plywood.
- **ThreeStripsOfWood** - The pallet top is composed of three strips of wood.
- **TwoStripsOfWood** - The pallet top is composed of two strips of wood.
- **WoodenFrame** - The pallet top is composed of a wooden frame.

PalletType

Details the type of pallet that can be used. These pallets are common in the industry

Used in:

- PalletCharacteristics

Choices:

- **Euro** - The pallet is the standardized Euro pallet type.
- **Export** - The pallet is the standardized export pallet type.
- **NonPalletised** - The product is not on a pallet.
 - ◊ Introduced in version V2R20.
- **NonStop** - The pallet is the standardized non-stop pallet type.
- **Twinned** - Two pallets have been joined together.

PartyIdentifierType

Provides a contextual definition for the party identifier value. This party identifier enables the trading partners to use ID codes for the different organisation versus business entities involved in the transaction.

Used in:

- PartyIdentifier

Choices:

- **ABINumber** – Associazione Bancaria Italiana – Identifies the bank as an entity in Italy.
- **ABNNumber** - The Australian Business Number (ABN) is a single identifier for dealings with the Australian Taxation Office (ATO). The Australian Business Register assigns it.
- **AFPA** - American Forest and Paper Association identifier.
- **AssignedByBuyer** - A unique identifier for the party in question that has been assigned by the buyer (for example, a seller's code).
- **AssignedBySeller** - A unique identifier for the party in question that has been assigned by the seller (for example, account number for the buyer).
- **BankIdentificationCode** - A unique country-specific code to identify a bank organisation for electronic transaction. Used to specify the bank routing information needed for electronic remittance. This information is used with the RemitToParty information to effect payment. Examples include:
 - ✧ ACH Number in the United States
 - ✧ Sort Code in the UK
 - ✧ Bankleitzahl in Germany
 - ✧ Code banque/agence in France
- **CABNumber** – Codice Avviamento Bancario – Identifies which branch of the bank in Italy.
- **ChamberOfCommerceRegistrationNumber** – C.C.I.A.A. Number in Italy.
- **Domicile** – Currently undefined. (Introduced in V2R10 to support Wood.)
- **DunsNumber** - A 9-digit identifier maintained by Dun & Bradstreet to uniquely identify a commercial enterprise.
- **Duns4Number** - Similar to the DunsNumber that defines a parent company/organization. The additional 4 digits enable the definition/identification of a sub-entity, such as a mill/plant of this parent company/organisation.

papiNet Standard - Version 2.20

PartyIdentifierType

PartyIdentifierType

- **EANNumber** - A 13-digit identifier maintained by the EAN-UCC to uniquely identify a commercial enterprise, with the primary purpose of credit/equity base.
- **GlobalLocationNumber** – EAN/UCC
- **IBAN** – International Banking Account Number. For payments emanating from and destined for abroad, the European banks (ECBS) have agreed to structure bank accounts in a uniform way.
 - ✧ This uniform structure of the account number is known as IBAN (International Bank Account Number). An IBAN consists of the code of the country where the account is held, 2 numeric check digits and a national account number (your traditional account number).
 - ✧ Introduced in version V2R20.
- **Other** - Used for any other identification schemes not covered by this list.
- **papiNetGlobalPartyIdentifier** - a readily available and free identifier supported by IANA (the Internet Assigned Numbers Authority). Private Enterprise Numbers that conforms to proper URI naming conventions are available, free-of-charge from the Internet Assigned Numbers Authority (IANA). The application form is available at the <http://www.iana.org/cgi-bin/enterprise.pl> website. papiNet will be developing a broader recommendation for party naming in the future however, obtaining an IANA Private Enterprise Number (PEN) will permit globally unique trading partner identification.
- **PayeeAccountNumber** – Defines the bank account number of the party receiving payment.
- **PayeeFinancialInstitution** - The designation of the financial institution of the party receiving the payment.
- **PayerAccountNumber** – Defines the bank account number of the party responsible for making the payment.
- **PayerFinancialInstitution** - The designation of the financial institution of the party responsible for making the payment.
- **RegisterOfCompaniesSubscriptionNumber** – Iscrizione al Reg. Imprese Nr. In Italy.
- **StandardAddressNumber** - A 7-digit code to uniquely identify an organisation and its location. The number consists of 6 digits with an 11-modulus check digit as the seventh digit. ISAN is the same with the ISO Country code as a prefix. This identifier is solely used by the book industry.

papiNet Standard - Version 2.20

PartyType

PartyType

- **StandardCarrierAlphaCode** - A 4-character code identifying a trucking company. The Washington National Motor Freight Association maintains these codes in the United States.
- **StockCapital** - Capitale Sociale in Italy.
- **SWIFT** - A designation used when transferring funds internationally.
- **TaxIdentifier** - A unique number assigned by the relevant tax authority to identify a party. This constraint is used in relation to tax. Note: This constraint must be specified when the party is tax exempt.
- **TradeRegNumber** - Introduced in version V2R20. Currently undefined.
- **UN/ECE** - Introduced in version V2R20. Currently undefined.
- **VATIdentificationNumber** - A unique number assigned by the relevant tax authority to identify a party. This constraint is used in relation to value-added tax (VAT).

PartyType

Identifies the business role associated with the particular party

Used in:

- ForwarderParty
- LocationParty
- OtherParty
- ReceiverParty
- RequestingParty
- RespondToParty
- SenderParty
- ShipToParty

Choices:

- **Bank** - The banking representative.
- **BillTo** - The who should be invoiced for the order
- **BorderCrossing** - A geographic location separating two countries authorised to validate customs documentation. Introduced in V2R10.
- **Broker** - The organisation acting as a broker for the buyer or supplier.
- **Buyer** - The person or organization who has executed the purchase order.
- **BuyerAgent** - The entity acting for the buyer in the transaction. Introduced in V2R10.
- **Carrier** - The organisation or business entity that transports goods.
- **ComponentVendor** - Vendor producing supplied components.

papiNet Standard - Version 2.20

PartyType

PartyType

- **Consignee** – The agent to whom the merchandise is turned over to. Introduced in version V2R10.
- **Consignor** – The agent who is responsible for the merchandise prior to the shipping process. Introduced in version V2R10.
- **Converter** – The organisation responsible for changing one form of paper into another form, providing specialised functions not available to the supplier. Introduced in version V2R20.
- **Consuming** – The eventual consumer of the material
- **CreditDepartment** – The party responsible for credit authorization.
- **CustomerFacility** - The type of the origin or destination location of a transport leg in a route is a buyer facility, usually a print site, or a warehouse owned by the buyer.
- **CustomerStock** – A “virtual” location that indicates that the material is owned by the customer.
- **CustomsForwarder** – A forwarder responsible for managing the transfer of goods through customs. Introduced in V2R10.
- **CrossDock** - A third party involved in the transport of goods.
- **DomesticForwarder** – A forwarder responsible for managing the transfer of goods. Introduced in V2R10.
- **EndUser** – EndUser is the party using, consuming, or converting the product. For example, a printer using paper reels to print a job for a publisher (printer is the end user). The final ShipTo destination for a product is normally to the EndUser facilities.
- **ExportForwarder** – A forwarder responsible for managing the export process. Introduced in V2R10.
- **FreightPayer** – The party responsible for paying freight. Introduced in V2R10.
- **Forwarder** – The party responsible for shipping arrangements.
- **Insurer** – The party providing insurance coverage for the goods.
- **Landowner** – The party who owns the land upon which the product was produced. Introduced in Version V2R20.
- **MainCarrier** – The primary carrier involved in the movement of goods. Introduced in Version V2R20.
- **Merchant** - The third party acting between the sellers and the buyers in the fine paper business. Merchants can actually be the direct paper buyer or just act as an intermediate. This will thereby influence the type of order (indent or stock order).
- **Mill** - The type of the origin or destination location of a transport leg in a route is a seller production facility.
- **NotifyParty** – A party that needs to be notified of the status of the transaction. Introduced in Version V2R20.

papiNet Standard - Version 2.20

PartyType

PartyType

- **OnBehalfOf** - - The activity in question is being made on behalf of this party. Introduced in Version V2R20.
- **OrderParty** - The organisation or business entity placing the order if different from the buyer party.
- **Other** - Any other organisation or business entity that may get involved in the transaction and that is not covered by the list.
- **Payee** – The party being paid in the transaction. Introduced in Version V2R20.
- **PlaceOfAccept** – The location where acceptance of the goods is to take place. Introduced in Version V2R20.
- **PlaceOfDespatch** – The location where despatch took place. Introduced in Version V2R20.
- **PlaceOfDischarge** – Currently undefined. Introduced in Version V2R20.
- **PlaceFinalDestination** – The final destination of the goods. Introduced in Version V2R20.
- **PlaceOfLoading** – The location where loading is to or took place. Introduced in Version V2R20.
- **PlaceOfReloading** – A location where the goods were transferred from one transport type to another. Introduced in Version V2R20.
- **Port** - The type of the origin or destination location of a transport leg in a route is a shipping port.
- **PreCarrier**– The party responsible for activities prior to carrier accepting the goods (but after shipping has taken place). Introduced in V2R10.
- **PrinterFacility** – The location of the printer who will be using the product.
- **Producer** – The manufacturer of the goods. Introduced in Version V2R20.
- **ProFormalInvoice** - The organisation or business entity to which the pro-forma invoice will be sent.
- **RemitTo** - The organisation or business entity to which payment will be made.
- **Requestor** - The originator of the original purchase order requisition (for example, a printing plant ordering through a central purchasing organisation).
- **SalesAgent** – The organisation or person responsible for product sales acting on behalf of the seller.
- **SalesOffice** - The functional unit in an organisation or business entity that is responsible for product sales.
- **Seller** – The seller of the material
- **ShipTo** – The address the material should be shipped to.

papiNet Standard - Version 2.20

PeriodType

PlanningProcessType

- **SubCarrier** – Currently undefined. Introduced in V2R10.
- **Supplier** – The supplier of the material.
- **Terminal** - The type of the origin or destination location of a transport leg in a route is a road or rail terminal.
- **TerminalOperator** – The party providing facilities such as loading, unloading, or warehousing.
- **Warehouse** - The type of the origin or destination location of a transport leg in a route is a seller warehouse or third-party warehouse.
- **WillAdvise** – indicates that party will be identified at a later time.

PeriodType

Duration of time

Used in:

- ReportingPeriod

Choices:

- Day
- FinancialPeriodBeginning
- MonthBeginning
- Period
- QuarterBeginning
- WeekBeginning
- YearBeginning
- Other

PlanningProcessType

Used in:

- PlanningReference

Choices:

- Consumption
- DeliveryReceipt
- Despatch
- Inventory
- Production
- Sales

PlanningReferenceType

Used in:

- PlanningReference

Choices:

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

PriceQuantityBasis

The basis for the determination of the price

Used in:

- PriceDetails

Choices:

PriceQuantityBasis uses the quantityType data type.

PriceTaxBasis

This price provides the basis for tax.

Used in:

- PriceDetails

Choices:

- **Yes**
- **No**

PrintType

Identifies the type of printing for which the paper is suitable.

Used in:

- PaperCharacteristics

Choices:

- **ColdsetOffset** - An offset printing method suitable for newspapers, in other words, ink dries by penetration into the paper.
- **ContinuousForms** - An offset printing method, generally without a hot drying section and suitable for reels.
- **Digital** - An electrostatic printing method, typically a large black-and-white or multicolour printer/copier.
- **Flexography** - A special printing method, which is a follow-up of letter print with advanced print cylinder surface. Suitable for sheets.
- **FoilPrint** - A special printing/finishing method suitable for foils through embossed print plate/cylinder; flat/flat, or circle/flat (form to sheet).
- **Forms** - An offset printing method, generally without a hot drying section and suitable for sheets.
- **Gravure** - A standard printing method with embossed print cylinders. Suitable for sheets.
- **HeatSetOffset** - An offset printing method.
- **InkJet** - An inkjet printing method, typically a large black-and-white or multicolour printer.
- **InstantOffset** - A standard flat printing method (for example, wet offset, or waterless offset) suitable for small print orders and small sheet sizes (for example, max. DIN A3).
- **Laser** - A laser-based printing method, typically a large black-and-white or multicolour printer/copier.
- **Letterpress** - A special printing method suitable for books or newspapers (old style) with advanced letters. Suitable for sheets.
- **LightPrint** - A printing method similar to a facsimile print, a photo-like print with a specific prepared cylinder surface on photo basis or an artificial print.
- **MiniWeb** - A digital printing method suitable for reels less than 20 inch wide.

papiNet Standard - Version 2.20

ProductAttributesLineItemStatusType

ProductAttributesReferenceType

- **RotoFlexography** - A special printing method, which is a follow up of letter print with advanced print cylinder surface. Suitable for reels.
- **RotoGravure** - A standard printing method with embossed print cylinders. Suitable for reels.
- **RotoFlexography**
- **RotoLetterpress** - A special printing method suitable for books or newspapers (old style) with advanced letters. Suitable for reels.
- **RotoSilkScreen** - A special printing method suitable for heavy multicolour prints or art prints. This method uses a blade and a screen and is suitable for reels.
- **SheetfedOffset** - Defines a standard flat printing method (for example, wet offset, or waterless offset) suitable for sheets.
- **SilkScreen** - A special printing method suitable for heavy multicolour prints or art prints. This method uses a blade and a screen and is suitable for sheets.
- **WebOffset** - A standard flat printing method (for example, heat-set or waterless offset) suitable for reels.

ProductAttributesLineItemStatusType

Defines the status of the ProductAttributesLineItem

Used in:

- ProductAttributesLineItem

Choices:

ProductAttributesLineItemStatusType uses a restricted set of the statusType data type.

- Accepted
- Cancelled
- Original

ProductAttributesReferenceType

Provides an indication of what is communicated in the ProductAttributesReference element.

Used in:

- ProductAttributesReference

Choices:

ProductAttributesReferenceType uses a restricted set of the referenceType data type.

papiNet Standard - Version 2.20

ProductAttributesStatusType

ProductAttributesType

- ContractNumber
- MarketplaceReferenceNumber
- Other
- SupplierReferenceNumber
- VendorReferenceNumber

ProductAttributesStatusType

Defines the status of the entire ProductAttributes message, in other words, at the root level

Used in:

- ProductAttributes

Choices:

ProductAttributesStatusType uses a restricted set of the statusType data type.

- Amended
- Cancelled
- Original
- Replaced

ProductAttributesType

The type of information being communicated in the ProductAttributes message

Used in:

- ProductAttributes

Choices:

- **PriceList** – The information represents a price list.
- **ProductCrossReference** – The information contains product cross reference information
- **ProductProperties** – The information is a representation of the properties of the products.

ProductIdentifierType

Provides a contextual definition to the product identifier value

Used in:

- ProductIdentifier

Choices:

- **BrandName** – A specific product brand name assigned by the seller to a product. These brand names (for example, Gallery) are generally referenced in the seller’s product catalogue.
- **CatalogueNumber** - A unique reference for a product in a catalogue.
- **CustomsTariffNumber** -
- **EAN13**- A 13-digit code that uniquely identifies an article. This is the European article-numbering scheme.
- **EAN8**- An 8-digit code that uniquely identifies an article. This is the European article-numbering scheme.
- **ExportHarmonisedSystemCode** - The Harmonised System Code is an international goods classification system developed by the Customs Co-operation Council.
 - ✧ USA: It is a 10-digit number, the first 6 of which compose the harmonised code. The remaining 4 digits represent statistical subdivisions. The schedule is a statistical classification of domestic and foreign commodities exported from the United States.
 - ✧ Canada: Canadians have adopted the scheme as a basis for a new Canadian Tariff and Statistical Classification System. The Canadian export number consists of 8 digits prefixed by “HS” and is shown in the format HS5911.31.10, for example.
- **GradeCode** - A specific product code assigned by the buyer or supplier to a product.
- **GradeName** - A specific product name assigned by the buyer or supplier to a product (for example, ImprovedNewsprint-45-1479).
- **ImportHarmonisedSystemCode** - The Harmonised System Code is an international goods classification system developed by the Customs Co-operation Council.
 - ✧ USA: It is a 10-digit number, the first 6 of which compose the harmonised code. The remaining 4 digits represent statistical subdivisions. The schedule is a statistical classification of domestic and foreign commodities exported from the United States.

papiNet Standard - Version 2.20

ProductionStatusType

ProductionStatusType

- ✧ Canada: Canadians have adopted the scheme as a basis for a new Canadian Tariff and Statistical Classification System. The Canadian export number consists of 8 digits prefixed by "HS" and is shown in the format HS5911.31.10, for example.
- **ManufacturingGradeCode** – A specific grade code to the actual manufactured product which may be different to the grade code under which the product is sold.. These codes generally refer to a product manufactured on a pulp or paper machine.
- **ManufacturingGradeName** – A specific grade name assigned to the actual manufactured product which may be different to the grade name under which the product is sold. These codes generally refer to a product manufactured on a pulp or paper machine.
- **Ondule** - A product code issued by the Groupement Ondulé, which is the European Association of Corrugated Base Papers Manufacturers.
- **Other** - Used for any other product identifier type that is not covered by the list.
- **PartNumber** - The buyer equivalent to the Stock Keeping Unit (SKU); in other words, this code fully defines the product.
- **RFQPartNumber** – The part number communicated as part of the RFQ process. This may be a form of the RFQ number itself. This field is designed to handle the situation where there is no part number assigned to the particular blend of product characteristics.
- **SKU** - The Stock Keeping Unit that is assigned by the buyer or supplier and that includes all relevant information to make an individual item ready for shipping.
- **UPC** - The Universal Product Code administered by the Universal Code Council. Note: There are several formats used for this coding scheme.

ProductionStatusType

Indicates whether the ordered quantities to which it refers are allowed to be produced.

Used in:

- ProductionStatus

Choices:

When goods are free for delivery but the buyer wants to specify a more detailed DeliverySchedule, a CallOff message is used.

- ✧ PurchaseOrder - Typically, a buyer sets ProductionStatusType for an order to "Free", which means the seller can produce the product(s) on the order. A PurchaseOrder of type

papiNet Standard - Version 2.20

ProductPerformanceReferenceType

ProductPerformanceReferenceType

ReservationOrder is an exception because the buyer is booking capacity at the mill but not making a commitment to buy; for this type of order, the status is "NotFree". The buyer uses one or more ReleaseOrder(s) referring to the ReservationOrder to change the ProductionStatusType to "Free" for one or more products on the ReservationOrder.

- ◇ The level of specification in the DeliverySchedule element is used will indicate whether the PurchaseOrder is "Free" for delivery.
- **Free** - The ordered quantities to which it refers can be produced, in other words, are free to make.
- **NotFree** - The ordered quantities to which it refers cannot be produced, in other words, are not free to make.

ProductPerformanceReferenceType

Used in:

- ProductPerformanceReference

Choices:

- BillOfLadingNumber
- CallOffNumber
- CIMNumber
- CMRNumber
- ContractLineNumber
- ContractNumber
- CustomerReference-Number
- DeliveryBooking-Number
- DespatchInstruction-Number
- IndentOrderNumber
- InitialShipmentAdvice-Number
- IntraStatNumber
- ISODocument-Reference
- JobNumber
- LotIdentifier
- MasterBillOfLading
- MillOrderLineItem-Number
- MillOrderNumber
- OriginalDelivery-Number
- OriginalInvoiceNumber
- RunNumber
- StockOrderNumber
- SupplierCallOffNumber
- SupplierReference-Number
- SupplierVoyageNumber
- Title
- WarehouseDelivery-Number
- Other

papiNet Standard - Version 2.20

ProductPerformanceStatusType

ProductQualityRequestDetailType

ProductPerformanceStatusType

Used in:

- ProductPerformance

Choices:

- **Original**
 - **Replaced**
-

ProductQualityReferenceType

Provides an indication of the information being communicated in the ProductQualityReference

- This attribute was inadvertently dropped in the conversion from Version 1.0 to Version 2.0 and has been reinstated in Version 2.20.

Used in:

- ProductQualityReference

Choices:

- BillOfLadingNumber
 - CallOffNumber
 - DeliveryMessageNumber
 - InvoiceNumber
 - LotIdentifier
 - MasterBillOfLading
 - MillOrderNumber
 - OriginalProductQualityMessageNumber
 - RunNumber
 - SupplierCallOffNumber
 - SupplierReferenceNumber
 - SupplierVoyageNumber
 - WarehouseDeliveryNumber
-

ProductQualityRequestDetailType

Currently undefined.

Used in:

- ProductQualityRequestDetail

Choices:

- ByPeriod
 - ByProduct
 - ByPurchaseOrder
-

papiNet Standard - Version 2.20

ProductQualityStatusType

PurchaseOrderLineItemStatusType

- ByQualifiedPurchaseOrderInformation
- ByShipment
- BySupplierOrderNumber

ProductQualityStatusType

Communicates the status of the ProductQuality message

Used in:

- ProductQuality

Choices:

- Cancelled
- Original
- Replaced

PurchaseOrderHeaderStatusType

Defines the status of the purchase order header

Used in:

- PurchaseOrderHeader

Choices:

PurchaseOrderHeaderStatusType uses the statusType data type.

- Amended
- Cancelled
- New
- NoAction

PurchaseOrderLineItemStatusType

Defines the status of the purchase order line item

Used in:

- PurchaseOrderLineItem

Choices:

PurchaseOrderLineItemStatusType uses the statusType data type.

- Amended
- Cancelled
- New
- NoAction

papiNet Standard - Version 2.20

PurchaseOrderReferenceType

PurchaseOrderReferenceType

PurchaseOrderReferenceType

Provides an indication of the information being communicated in the PurchaseOrderReference

Used in:

- PurchaseOrderReference

Choices:

- AccountNumber
- Author
- AudioVideo-
SelectionNumber
- BookLanguage
- BuyerBudgetCenter
- BuyerDivisionIdentifier
- BuyerImprint
- BuyerRetailPrice
- ConsigneeOrder-
Number
 - ✧ Introduced in
version V2R20.
- ContractLineNumber
- ContractNumber
- Copyright
- CreditAuthorization-
Number
 - ✧ Introduced in
version V2R20.
- CustomerOrderNumber
 - ✧ Introduced in
version V2R20.
- CustomerReference-
Number
- CustomerSpecification-
Number
 - ✧ Introduced in
version V2R20.
- Edition
- FromPurchaseOrder-
Number
- IndentOrderNumber
- IntraStatNumber
- ISBN10
- ISBN10Dash
- ISBN13
- ISODocumentReference
- LotIdentifier
- MagazineCode
 - ✧ Introduced in version
V2R20.
- ManufacturerMaterialSafety-
DataSheetNumber
 - ✧ Introduced in version
V2R20.
- MasterContractNumber
- OrderPartyReferenceNumber
- OriginalPurchaseOrderNumber
- Other
- PackageNumber
- PriceContractNumber
- PriceQuoteNumber
 - ✧ Introduced in version
V2R20.
- PriceList
- PrintingNumber
- PriorPurchaseOrderNumber
 - ✧ Introduced in version
V2R20.
- PupilsTeachers
- ReleaseNumber
- RFQLineItemNumber
- RFQNumber
- RunNumber
- SchoolGrade
- SchoolGradeLevel

papiNet Standard - Version 2.20

PurchaseOrderStatusType

PurchaseOrderType

- ShippingInstructions-LineItemNumber
- ShippingInstructions-Number
- Specification-ReferenceNumber
- StockOrderNumber
- SupplierReferenceNumber
- Title
- TitleAlias
- ToPurchaseOrder
- UniversalProductIdentifier

PurchaseOrderStatusType

Defines the status of the entire purchase order message in other words, at the root level

Used in:

- PurchaseOrder

Choices:

PurchaseOrderStatusType uses a restricted set of the statusType data type.

- Amended
- Cancelled
- Original

PurchaseOrderType

Defines the type of purchase order issued

Used in:

- PurchaseOrder

Choices:

- **BlanketOrder** – A purchase order that communicates the same information as a StandardOrder but also indicates that the order may be completed over a period of time or, until a certain volume is achieved or, until a certain currency amount is spent.
- **ConfirmingOrder** - A confirming order is used to electronically confirm an order that has not been placed electronically by the customer that is, it was placed using another mean such as fax, phone or email.
- **ConsumptionOrder** – A purchase order that is based upon consumption for a particular period of time or instance.
- **ReleaseOrder** - A release order is used to release a product to be made. This type of purchase order refers to a previous order or agreement, such as a reservation order, a contract, or a blanket order. A release number version called

papiNet Standard - Version 2.20

PurchaseOrderType

PurchaseOrderType

PurchaseOrderReleaseNumber, which is an incremented number, is used in this message.

- **ReservationOrder** - A reservation order is used to book a paper supplier's capacity for specific quantities of specific products, but it is not yet a firm commitment to buy. Consequently, all purchase order line items of a reservation order have a ProductionStatusType of NotFree. To release one or more purchase order line items of a reservation order, a buyer can use a standard order or a release order.
- **StandardOrder** - A standard order is a regular one-time order. It defines quantities for one or more products to be purchased and may also define a delivery location and date. A standard order may reference a previous agreement (for example, a quotation, a contract, or a reservation order) for information.
- **TrialOrder** - A trial order is used whenever a seller has agreed to have a buyer sample a product. The seller needs to process this order differently from other orders, because a trial order may include a product sold at a discounted rate or even provided for free. A trial order typically is for small quantities.

Q

QuantityType

QuantityType communicates information about the type of quantity being communicated and how the receiver might use the information.

Used in:

- InformationalQuantity
- OldInformationalQuantity
- OldQuantity
- OrderStatusQuantity
- Quantity
- TotalInformationalQuantity
- TotalOldInformationalQuantity
- TotalOldQuantity
- TotalQuantity

quantityType Choices:

- **ActualVolume** – Introduced in version V2R20.
- **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.
- **RunningLength** – Introduced in version V2R20.
- **ShortLengthVolume** – Introduced in version V2R20.
- **TareWeight** – The weight of the previously agreed to packaging and furnishing.
- **Time** – The number being communicated represents an amount of time.
- **Volume** - Introduced in version V2R20.

QuantityTypeContext

Provides the location in the value chain where the quantity is being reported.

Used in:

- InformationalQuantity
- OldInformationalQuantity
- OldQuantity
- OrderStatusQuantity
- Quantity
- TotalInformationalQuantity
- TotalOldInformationalQuantity
- TotalOldQuantity
- TotalQuantity

quantityTypeContext Choices:

- **Allocated** – A quantity put aside, in general terms for a particular customer, process, or use. (Compare to “Reserved”.)
- **CalledOff** – A quantity put aside to be sent to the customer on a call-off.
- **Consumed** – Consumed in manufacturing
- **Delivered** – Delivered to the ship-to location.
- **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** – In available inventory at the 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.
- **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.
- **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.

R

Reissued

Reissued is an optional 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. This is because No is the default.

Used in:

- CallOff
- Complaint
- ComplaintResponse
- CreditDebitNote
- DeliveryMessage
- DeliveryMessageBook
- GoodsReceipt
- InventoryChange
- InventoryStatus
- Invoice
- OrderConfirmation
- ProductPerformance
- PurchaseOrder
- ScaleTicket
- ShippingInstructions
- Usage

Choices:

- **Yes** – The document has been reissued.
- **No** – The document is the original.

ResultSource

Used to define the data source of the specified test

Used in:

- All PaperCharacteristics elements

Choices:

- **AutoLab** – The data that gave rise to the value reported for this test came from an automated laboratory testing device.
- **ManualLab** – The data that gave rise to the value reported for this test came from a manually performed laboratory test.
- **OnMachine** – The data that gave rise to the value reported for this test came from an on-machine scanning device.
- **Target** – The value indicated for this test is a target value and not the result of performing a paper test.

RewoundIndicator

Is the date being communicated the date of original winding or the rewind date?

Used in:

- DateWound

Choices:

- **Yes** – The date indicates the date rewind.
- **No** – The date indicates the date originally wound and the material has not been rewind.

RFQHeaderStatusType

Defines the status of the RFQ header

Used in:

- RFQHeader

Choices:

RFQHeaderStatusType uses a restricted set of the statusType data type.

- Accepted
- Amended
- Cancelled
- New
- NoAction

RFQLineItemType

Defines the status of the RFQ line item

Used in:

- RFQLineItem

Choices:

RFQLineItemType uses a restricted set of the statusType data type.

- Accepted
- Amended
- Cancelled
- New
- NoAction

RFQReferenceType

Provides an indication of the content of the RFQReference element

Used in:

- RFQReference

Choices:

- ContractLineNumber
- ContractNumber
- CustomerReference-
Number
- DeliveryBooking-
Number
- IndentOrderNumber
- IntraStatNumber
- ISODocument-
Reference
- MillOrderLineNumber
- MillOrderNumber
- OriginalInvoiceNumber
- Other
- PurchaseOrderNumber
- StockOrderNumber
- SupplierCallOffNumber
- SupplierReferenceNumber

RFQResponseHeaderStatusType

Defines the status of the RFQ header

Used in:

- RFQResponseHeader

Choices:

RFQResponseHeaderStatusType uses a restricted set of the statusType data type.

- Accepted
- Amended
- Cancelled
- Counterproposal
- NoAction
- Pending
- Rejected

RFQResponseLineItemStatusType

Currently undefined.

Used in:

- RFQResponseLineItem

Choices:

- Accepted
- Amended
- Counterproposal
- NoAction
- Pending
- Rejected

RFQResponseReferenceType

Provides an indication of the content of the RFQResponse element

Used in:

- RFQResponseReference

Choices:

- ContractLineNumber
- ContractNumber
- CustomerReferenceNumber
- DeliveryBookingNumber
- IndentOrderNumber
- IntraStatNumber
- ISODocumentReference
- MillOrderLineItemNumber
- MillOrderNumber
- OriginalInvoiceNumber
- Other
- PurchaseOrderNumber
- StockOrderNumber
- SupplierCallOffNumber
- SupplierReferenceNumber

RFQResponseStatusType

This attribute acts as a flag indicating what processing may be required.

Used in:

- RFQResponse

Choices:

RFQResponseStatusType uses a restricted set of the statusType data type.

- Accepted
 - Amended
 - Counterproposal
 - Rejected
-

RFQStatusType

This attribute acts as a flag indicating what processing may be required.

Used in:

- RFQ

Choices:

RFQStatusType uses a restricted set of the statusType data type.

- Amended
 - Cancelled
 - Original
-

RFQType

Defines the type of RFQ issued.

Used in:

- RFQ

Choices:

- **StandardRFQ** – The only type of RFQ.
-

S

SampleType

Communicates how sampling was done to measure the product characteristics.

Used in:

- All PaperCharacteristics elements
-

papiNet Standard - Version 2.20

ScaleTicketAcceptance

ScaleTicketAcceptance

Choices:

- **Average** – The measurement represents an average for the associated property.
- **Bottom** – The measurement was obtained from the bottom of the paper sample.
- **CDAverage** – The measurement represents the average of values in the cross-machine direction.
- **CDBottom** – The measurement represents the average of tests taken in the cross-machine direction on the bottom of the paper sample.
- **CDTop** – The measurement represents the average of tests taken in the cross-machine direction on the top of the paper sample.
- **MDAverage** – The measurement represents the average of values in the machine direction.
- **MDBottom** – The measurement represents the average of tests taken in the machine direction on the bottom of the paper sample.
- **MDTop** – The measurement represents the average of tests taken in the machine direction on the top of the paper sample.
- **Target** – When communicating specifications a target value is communicated.
- **Top** – The measurement was obtained from the top of the paper sample.

ScaleTicketAcceptance

Used in:

- ScaleTicket
- ScaleTicketLineItem

Choices:

- GoodsReceivedAsIs
- GoodsReceivedAsSpecified
- GoodsReceivedCancelled
- GoodsReceivedRejected
- GoodsReceivedWithDamage
- GoodsReceivedWithVariance
- GoodsReceivedWithVarianceAndDamage

ScaleTicketReferenceType

Used in:

- ScaleTicketReference

Choices:

- Refer to referenceType data type for choices.
-

ScaleTicketRejectedType

Used in:

- ScaleTicket
- ScaleTicketLineItem

Choices:

- ExcessiveTransitDamage
 - TooEarly
 - TooLate
 - UnableToUnload
 - WrongBarCode
 - WrongBasisWeight
 - WrongDiameter
 - WrongLabel
 - WrongReelWidth
 - WrongVehicleType
 - WrongWrap
-

ScaleTicketStatusType

Used in:

- ScaleTicket

Choices:

- Amended
 - Cancelled
 - Original
 - Replaced
-

papiNet Standard - Version 2.20

SheetConcernType

ShipmentComplete

SheetConcernType

Used in:

- SheetConcern

Choices:

- BladeOrApplicatorRollStreaks
 - BowedEdges
 - CaliperVariation
 - CoatedBladeScratch
 - CoatingStreaks
 - ColouredFibres
 - Curling
 - CutterWrinkles
 - Dirt
 - DyeStreaks
 - FeltMarks
 - Mottle
 - Other
 - OutOfSquareOrSize
 - ShadeVariation
 - SheetRelatedProblems
 - SlimeHole
 - SlimeSpot
 - StaticElectricity
 - Stretching
 - SurfaceDefectsOther
 - TightEdges
 - WavyEdges
 - WireHole
 - WrinklesOther
-

SheetCountMethodType

Defines the method used to count the sheets.

Used in:

- SheetCount

Choices:

- **Counter** - Sheets will be counted using a counter at the cutter.
 - **Laser** - Sheets will be counted using a laser scanner.
 - **NominalGrammage** - The number of sheets will be calculated using the nominal grammage and the actual weight of the sheets.
-

ShipmentComplete

Indicates that all shipments for the particular Purchase Order, Line Item, and Product are complete

Used in:

- DeliveryMessageLineItem

Choices:

- No (default)
 - Yes
-

ShipmentDetailsType

Provides information about the shipment's stats

Used in:

- ShipmentDetails

Choices:

- **Forecast** – The shipment has not yet taken place
 - **Shipment** – The shipment has taken place.
-

ShippingInstructionsHeaderStatusType

Used in:

- ShippingInstructionsHeader

Choices:

- Accepted
 - Amended
 - NoAction
 - Original
 - Replaced
-

ShippingInstructionsLineItemStatusType

Used in:

- ShippingInstructionsLineItem

Choices:

- Accepted
- Amended
- Cancelled
- NoAction
- Original
- Pending
- Replaced

papiNet Standard - Version 2.20

ShippingInstructionsReferenceType

ShippingInstructionsReferenceType

ShippingInstructionsReferenceType

Used in:

- ShippingInstructionsReference

Choices:

- AudioVideoSelectionNumber
- Author
- BuyerBudgetCenter
- BuyerClaimNumber
- BuyerDivisionIdentifier
- BuyerImprint
- BuyerJobNumber
- BuyerRetailPrice
- ContractLineNumber
- ContractNumber
- CustomerReferenceNumber
- DeliveryBookingNumber
- FormType
- IndentOrderNumber
- IntraStatNumber
- ISBN10
- ISBN10Dash
- ISBN13
- ISODocumentReference
- IssueEvent
- JobNumber
- MasterContractNumber
- MillOrderNumber
- OriginalInvoiceNumber
- OriginalUsageNumber
- PubName
- PubNumber
- PurchaseOrderNumber
- StockOrderNumber
- SupplierCallOffNumber
- SupplierReferenceNumber
- SupplierJobNumber
- Title
- TitleAlias
- UniversalProductIdentifier
- Other

ShippingInstructionsStatusType

Used in:

- ShippingInstructions

Choices:

- Accepted
 - Amended
 - Cancelled
 - Original
 - Rejected
-

ShippingInstructionsType

Used in:

- ShippingInstructions

Choices:

- ShippingInstructionsPackaging
 - ShippingInstructionsRouting
 - ShippingInstructionsConfirmation
-

SpecReferenceType

Currently undefined

- Introduced in version V2R20.

Used in:

- SlitReelReference

Choices:

- Author
 - ContentLanguage
 - CopyrightYear
 - Edition
 - EditionState
 - Imprint
 - ISBN10
 - ISBN10Dash
 - ISBN13
 - PublisherReferenceNumber
 - PupilsTeachers
 - SupplierReferenceNumber
 - SchoolGrade
 - SchoolGradeLevel
-

papiNet Standard - Version 2.20

SpecStatusType

SpeedType

- Title
- TitleAlias

SpecStatusType

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

Used in:

- BookSpecification

Choices:

CallOfflineItemStatusType uses a restricted set of the statusType data type.

- Amended
- Cancelled
- Original
- Replaced

SpecType

Currently undefined.

- Introduced in version V2R20.

Used in:

- BookSpecification

Choices:

- SpecOrder
- SpecRFQ
- SupplierSpec

SpeedType

Used in:

- MachineSpeed

Choices:

- RampUp
- RunSpeed
- SlowDown

Status

Defines whether or not the electronic transaction successfully processed in the receiver ERP system

Used in:

- BusinessAcknowledgement

Choices:

- **Failure** – Indicates that the electronic transaction failed to process in the receiver ERP system.
- **Success** – Indicates that the electronic transaction successfully processed in the receiver ERP system.

SupplierCustomsReferenceType

Currently undefined.

- Introduced in version V2R20.

Used in:

- SupplierCustomsReference

Choices:

- SimplifiedCustomsNumber
- T2L

T

TaxCategoryType

Used to indicate if the tax is applicable

Used in:

- TaxAdjustment

Choices:

- **Exempt** - Used when the party or product in question is tax exempt. For example, an item would not be taxed on the invoice because the buyer is tax exempt. Note: In this case, the TaxIdentifier of that party must be given in the PartyIdentifierType.
- **Other** - Used for any other tax category that is not covered by this list.
- **Standard** - The tax is applicable in a standard manner.
- **Zero** - The tax related to a specific product is zero. This tax exemption is country specific. For example, newspapers are tax free in Belgium.

papiNet Standard - Version 2.20

TaxType

TermsBasisDateType

TaxType

Defines the type of tax applied: federal, GST, local, state versus provincial, or VAT.

Used in:

- TaxAdjustment

Choices:

- **Federal** - The federal government tax.
- **GST** - The goods and services tax.
- **Harmonised** - A group of taxes have been put together to form one tax rate. For example, Harmonised = provincial/state + federal.
- **Local** - A local tax, such as a country-specific tax.
- **StateOrProvincial** - The local government tax.
- **VAT** - The value-added tax.

TermsBasisDateType

Indicates what date is being used as the terms basis.

Used in:

- TermsOfPayment

Choices:

- **BillOfLadingDate** – Introduced in version V2R20.
- **DeferredOrInstallmentDate** – Introduced in version V2R20.
- **DeliveryDate** – The date the delivery was made or received.
- **DespatchDate** – The date the delivery was initiated.
- **EndOfDeliveryMonth** – The end of the month during which delivery took place.
- **EndOfDespatchMonth** – The end of the month during which despatch took place.
- **EndOfInvoiceMonth** – The end of the month during which invoicing took place.
- **EndOfMonth** – Introduced in version V2R20.
- **EstimatedTimeOfArrival** – Terms are based on the estimated time of arrival that exists when the terms are defined.
- **EstimatedTimeOfDeparture** – Terms are based on the estimated time of departure.
- **FixedDate** – Introduced in version V2R20.
- **FollowingMonthDate** – Introduced in version V2R20.
- **InstantDate** – Introduced in version V2R20.
- **InvoiceDate** – The date the invoice was printed.

papiNet Standard - Version 2.20

TransportDeckOption

TransportLoadingType

- **InvoiceReceiptDate** – Introduced in version V2R20.
- **InvoiceTransmissionDate** – Introduced in version V2R20.
- **NnDaysAfterEndOfMonthDate** Not sure I agree with this one.
- **OrderConfirmationDate** – The date the purchase order was confirmed with a status of “Accepted”.
- **ProxDate** – Proximo Date, introduced in version V2R20.
- **PurchaseOrderDate** - Introduced in version V2R20.
- **ReceivedDate** - Introduced in version V2R20.
- **ShipDate** - Introduced in version V2R20.

TransportDeckOption

Used in:

- TransportLoadingCharacteristics

Choices:

- FullDeck
- HalfDeck
- UnderDeck

TransportLoadingType

Defines the primary loading modes for the transport of the goods

Used in:

- TransportLoadingCharacteristics

Choices:

- **Lying** - The goods, such as reels on the belly, have to be in a lying position during transport.
- **Other** - Used for any other loading modes not covered by this list.
- **Standing** - The goods, such as reels standing on end, have to be in a standing position during transport.

TransportModeType

Defines the primary mode of transport for the goods

Used in:

- TransportModeCharacteristics

Choices:

- **Air** - The goods will be transported by air.
- **Backhaul** - Introduced in version V2R20. Currently undefined.
- **InlandWaterway** - The goods will be transported by inland waterway.
- **Intermodal** - The goods will be transported using several transport modes.
- **Mail** - The goods will be sent by post.
- **Other** - Used for any other transport modes not covered by this list.
- **Rail** - The goods will be transported by rail.
- **Road** - The goods will be transported by road.
- **Sea** - The goods will be transported by sea.

TransportUnitIdentifierType

Provides a contextual definition for the value used to identify the transport unit.

Used in:

- TransportUnitIdentifier

Choices:

- **ContainerID** - Defines a container identifier.
- **GlobalReturnableAssetIdentifier**
- **Other** - Used for any other transport unit identifiers not covered by this list.
- **RailCarID** - A rail car identifier.
- **RFTag** - The radio frequency identifier transmitted by the tag.
- **SealNumber** - Identifies the seal that closes the transport unit.
- **SerialisedShippingContainerCode**
- **TrailerID** - A trailer identifier. Note: This can be a license plate number if the transport unit is the vehicle at the same time.

TransportUnitType

Provides details on the transport unit, which is the unit containing the goods. Transport units only move using power from another source, the transport vehicle.

Used in:

- TransportUnitCharacteristics

Choices:

- **Container** - An ocean-going container such as that frequently carried on the back of flatbed trucks. There are a number of different types of containers.
- **ConventionalVessel** - Water or air based transport.
- **Flatbed** - A flatbed trailer, which is usually fixed to the chassis of a truck.
- **FlatCar** - A rail-based flat, open mode of transport.
- **Other** - Used for any other transport units not covered by this list.
- **Railcar** - A rail-based, covered mode of transport.
- **StackTrain** - A rail-based form of transport in which trailer bodies are stacked on a rail car.
- **SwapBodies** - A transport carrying unit, similar to a container that can be stored and swapped between different transports vehicles such as lorries, wagons, and so on.
- **Trailer** - A road trailer, usually pulled by a prime mover, or tractor.
- **Wagon** - One of the many variations of a rail wagon or railcar.

TransportUnitVariable

Currently undefined.

Used in:

- TransportUnitCharacteristics

Choices:

- CubicCapacity
- **DeckOption** - Introduced in version V2R20. Currently undefined.
- Height
- Length
- RailcarDoorSize
- WeightCarryingCapacity

TransportVehicleIdentifierType

Provides a contextual definition for the value used to identify the transport vehicle.

Used in:

- TransportVehicleIdentifier

Choices:

- **FlightNumber** - A flight number.
- **GlobalReturnableAssetIdentifier**
- **LicencePlateNumber** - A licence plate number.
- **Other** - Used for any other transport vehicle identifiers not covered by this list.
- **RFTag** - The radio frequency identifier transmitted by the tag.
- **SerialisedShippingContainerCode**
- **StandardCarrierAlphaCode** - The code used to identify the carrier by the applicable governing body.
- **TrainNumber** - The official identifier assigned by the railways to this particular train movement.
- **VesselName** - The registered name of the vessel.
- **VoyageNumber** - The official identifier assigned for the voyage, usually by port authorities.

TransportVehicleType

Provides details on the transport vehicle, in other words, the unit in which the goods will be transported.

Used in:

- TransportVehicleCharacteristics

Choices:

- **Barge** - A flat, inland waterways vessel, which is typically towed, one or many at the same time, by a towing vessel.
- **ConventionalVessel** - A vessel for sea transports, loaded/unloaded by LOLO (lift-on/lift-off method).
- **Other** - Used for any other transport vehicles not covered by this list.
- **RollOnOffShip** - A vessel for sea transport, loaded/unloaded by RORO (roll-on/roll-off method).
- **SidePortVessel** - A vessel for sea transport, loaded/unloaded through side ports in the vessel side.
- **TruckTrailer** - A road vehicle that consists of a towing truck and a load-carrying trailer.

U

UOM

Defines the unit of measure of the measurement value

Used in:

- MeasurementValue
- TwoSigmaUpper

Choices:

- **AirDryMetricTonne** - a unit of measure that identifies the product as 1000 kilograms of product that has been calculated based on an accepted standard representing the contents to be 90% fibre and 10% moisture and adjusted using a moisture percentage test. The AirDryMetricTonne is calculated as $GrossWeight \times (100 - moisture\% / 90)$
- **AirDryPercent** - The percentage measured at the time of production using the air dry industry standard (90% fibre, 10% moisture) therefore, $102 \text{ AirDryPercent} = 102 \text{ AirDryPercent} / 100 * 90\% = 91.8\% \text{ fibres}$.
- **AirDryShortTon** - a unit of measure that identifies the product as 2000 pounds of product that has been calculated based on an

papiNet Standard - Version 2.20

UOM

UOM

- accepted standard representing the contents to be 90% fibre and 10% moisture and further adjusted using a moisture percentage test. The AirDryShortTon is calculated as $GrossWeight \times (100 - moisture\% / 90)$
- **Bale** - the measurement value is a count of bales. A single or rectangular grouping of product
 - **BoardFoot** - Currently undefined. Introduced in Version V2R20.
 - **BookUnit** - A copy of a book.
 - **Box** - The measurement value is a count of boxes.
 - **Bundle** - Currently undefined. Introduced in Version V2R20.
 - **C-Size** - Currently undefined. Introduced in Version V2R20.
 - **Celsius** - Part of Extended UOM
 - **Centimeter** - The measurement value is expressed in centimetres.
 - **CentimeterPerSecond** - Part of Extended UOM
 - **Cord** - Currently undefined. Introduced in Version V2R20.
 - **CubicFoot** - Currently undefined. Introduced in Version V2R20.
 - **CubicCentimeterPerGram** - Part of Extended UOM
 - **CubicCentimeterPerSecond** - Part of Extended UOM
 - **CubicInchesPerSecond** - Part of Extended UOM
 - **CubicMeter** - Currently undefined. Introduced in Version V2R20.
 - **CubicMeterPerKilogram** - Part of Extended UOM
 - **Cubit** - Currently undefined. Introduced in Version V2R20.
 - **Day** - Currently undefined. Introduced in Version V2R20.
 - **Degree** - Part of Extended UOM.
 - **DegreeSchopperRiegler** - Part of Extended UOM.
 - **DotsPerInch** - Introduced in Version V2R20.
 - **Fahrenheit** - Part of Extended UOM
 - ◊ The spelling of this constraint was corrected in version V2R20.
 - **Foot** - The measurement value is expressed in feet.
 - **Gallon** - Introduced in Version V2R20.
 - **Gram** - The measurement value is expressed in grams.
 - **GramCentimeter** - Part of Extended UOM
 - **GramForce** - Part of Extended UOM
 - **GramPerCubicCentimeter** - Part of Extended UOM
 - **GramPerMeter** - Part of Extended UOM.
 - **GramsPerSquareMeter** - The measurement value is expressed in grams per square meter (g/m²).
 - **Hour** - Introduced in Version V2R20.
 - **HundredBoardFeet** - Introduced in Version V2R20.
 - **HundredLinealFeet** - Introduced in Version V2R20.
 - **HundredPound** - The measurement value is expressed in hundreds of pounds or hundred-weight.

papiNet Standard - Version 2.20

UOM

UOM

- **HundredSquareFeet** - Introduced in Version V2R20.
- **Inch** - The measurement value is expressed in inches.
- **JoulePerSquareMeter** – Part of Extended UOM.
- **Kilogram** - The measurement value is expressed in kilograms.
- **KilogramForcePerCentimeter** – Part of Extended UOM.
- **KilogramForcePerSquareCentimeter** – Part of Extended UOM.
- **KilogramPerCubicMeter** – Part of extendedUOM and concentrationUOMType.
- **KilogramPerSquareMeter** – Part of Extended UOM.
- **KilogramsPerDay** - The measurement value is expressed in kilograms per day.
- **KilogramsPerWeek** - The measurement value is expressed in kilograms per week.
- **KiloNewtonPerMeter** – Part of Extended UOM.
- **KiloPascal** – Part of Extended UOM.
- **KnownBreaks** – Currently undefined. Introduced in Version V2R20.
- **Layer** - The measurement value is a count of layers (for example, the number of boxes per layer on a pallet).
- **Leaves** – Currently undefined. Introduced in Version V2R20.
- **LinearFoot** - The measurement value is expressed in linear feet.
- **LinesPerInch** – Currently undefined. Introduced in Version V2R20.
- **Load** - The measurement value is a count of shipment loads.
- **MagazineUnit** – A copy of a magazine. Introduced in version V2R20.
- **Megabyte** – 1024 characters of data. Introduced in version V2R20.
- **Meter** - The measurement value is expressed in meters.
- **MeterPerSecond** – Part of Extended UOM.
- **MetricTon** - The measurement value is expressed in metric tons (in other words, in 1000-kilogram units).
- **MetricTonsPerDay** - The measurement value is expressed in metric tons per day.
- **MetricTonsPerWeek** - The measurement value is expressed in metric tons per week.
- **MicroMeterPerPascalSecond** – Part of Extended UOM.
- **Micron** – The measurement is expressed as the number of one-millionths of a meter.
- **MilliLitersPerMinute** – Part of Extended UOM.
- **Millimeter** - The measurement value is expressed in millimetres.
- **MilliNewton** – Part of Extended UOM.
- **MilliNewtonMeter** – Part of Extended UOM.
- **MilliNewtonSquareMeterPerGram** – Part of Extended UOM.
- **Minute** – The measurement value is expressed in minutes.

papiNet Standard - Version 2.20

UOM

UOM

- **NanoMeter** – Part of Extended UOM.
- **Newton** – Part of Extended UOM.
- **NewtonMeterPerGram** – Part of Extended UOM.
- **None** – There is no unit of measure. The value is scalar.
- **Package** - The measurement value is a count of packages (for example, the number of reel packages in a shipment). 32 double-wrapped reels would equal 16 packages.
- **Page** -
- **PagesPerInch** - The measurement value is a count of the number of pages per inch.
- **PalletUnit** - The measurement value is a count of pallets.
- **PartsPerMillion** – Part of Extended UOM.
- **Percentage** – The measurement being communicated is a percentage.
- **PerThousand** –
- **pH** – Part of Extended UOM.
- **Piece** – Introduced in version V2R20
- **Picas** –
- **PixelsPerInch** -
- **Pound** - The measurement value is expressed in pounds.
- **PoundForce** – Part of Extended UOM.
- **PoundPerCubicFoot** – Part of extendedUOM and concentrationUOMType.
- **PoundPerSixInchDiameter** – Part of Extended UOM.
- **PoundPerSquareInch** – Part of Extended UOM.
- **PoundsPerDay** –
- **PoundsPerHour** –
- **PoundsPerWeek** -
- **PulpUnit** – The measurement is related to the packaging characteristic or material handling equipment for the pulp.
- **Ream** - The measurement value is a count of reams.
- **Reel** - The measurement value is a count of reels.
- **Second** – Part of Extended UOM.
- **Set** -
- **Sheet** - The measurement value is a count of sheets.
- **ShortTon** - The measurement value is expressed in short tons.
- **ShortTonsPerDay** –
- **ShortTonsPerHour** -
- **ShortTonsPerWeek** –
- **Signature** -
- **Skid** - The measurement value is a count of skids.
- **SquareInch** -

papiNet Standard - Version 2.20

UsageReferenceType

UsageReferenceType

- **SquareFeet** - The measurement value is expressed in square feet.
- **SquareMeter** - The measurement value is expressed in square meters.
- **SquareMeterPerKilogram** - Part of Extended UOM.
- **ThousandBoardFeet** -
- **ThousandLinealFeet** -
- **ThousandPieces** -
- **ThousandSquareCentimeters** -
- **ThousandSquareFeet** -
- **ThousandSquareInch** -
- **Ton** - The measurement value is expressed in tons.
- **TonsPerHour** -
- **Unit** -
- **UnknownBreaks** -
- **Yard** -

UsageReferenceType

Provides an indication of the contents of the UsageHeaderReference

Used in:

- UsageHeaderReference

Choices:

- | | |
|--------------------------------|---------------------------|
| • ContractLineNumber | • ISODocumentReference |
| • ContractNumber | • IssueEvent |
| • CustomerReference-
Number | • JobNumber |
| • DeliveryBooking-
Number | • MillOrderLineItemNumber |
| • FormType | • MillOrderNumber |
| • IndentOrderNumber | • OriginalInvoiceNumber |
| • IntraStatNumber | • OriginalUsageNumber |
| • ISBN10 | • Other |
| ✧ added in Version
V2R20 | • PrintingNumber |
| • ISBN10Dash | ✧ added in Version V2R20 |
| ✧ added in Version
V2R20 | • PubName |
| • ISBN13 | • PubNumber |
| ✧ added in Version
V2R20 | • PurchaseOrderNumber |
| | • StockOrderNumber |
| | • SupplierCallOffNumber |
| | • SupplierReference |

UsageStatus

The Usage Status element identifies the state of an individual item after consumption has been applied to it.

Used in:

- UsageLineItemDetail

Choices:

- **Consumed** – Indicates that the entire item has been consumed.
- **MachineReject** - Indicates that the item has been rejected from the production machine
- **PartialSkid** -
- **StrippedButt** – Indicates that this item has been prepped for consumption but has not been used in the manufacturing process.
- **UsableButt** – Indicates that a partial amount of a reel product has been consumed and the remainder is useable.
- **UnusableButt** – Indicates that a partial amount of a reel product has been consumed and the remainder is not useable.
- **UsablePallet** – Indicates that a partial amount of a pallet product has been consumed and the remainder is useable.
- **UnusablePallet** – Indicates that a partial amount of a pallet product has been consumed and the remainder is not useable.

UsageStatusType

Identifies the status of the entire Usage message

Used in:

- Usage

Choices:

- **Cancelled** – Indicates that the ConsumingParty wants to cancel the previous message
- **Original** – Indicates that this is the first transmission on the message
- **Replaced** – Indicates that the ConsumingParty wants to replace the previous message

V

VarianceType

Defines the type of difference that the GoodsReceiptPackage has from the information on the DeliveryMessage

Used in:

- GoodsReceiptPackage

Choices:

- **DifferingWeights** – The physical item was weighed and the weight is different from the DeliveryMessage weight.
- **NotReceived** – The physical item that was specified on the DeliveryMessage was not received.
- **ReceivedNotSpecified** – The physical item was received but was not on the DeliveryMessage.

W

WasteType

An indication of where in the process the waste has taken place.

Used in:

- WasteQuantity

Choices:

- Binding
- Core
- MakeReady
- Running
- Strip
- Wrapper

WebBreakCauseAgency

Currently undefined.

- Introduced in version V2R20.

Used in:

- WebBreakCauseCode

Choices:

- **AFPA** - American Forest and Paper Association.
- **ANSI** - American National Standards Institute.

papiNet Standard - Version 2.20

WebBreakCauseAgency

WebBreakCauseAgency

- **APPITA** – Technical Association of the Australian and NZ Pulp and Paper Industry
- **Buyer** - The buyer has defined the codes used in the particular element of the transaction. Care must be used when using this agency to assure that the recipient of the message understands what is being communicated.
- **CCTI** – Composite Can and Tube Institute
- **CEPI** - Confederation of European Paper Industries.
- **DUNS** - Dun & Bradstreet.
- **EAN** - European Article Numbering Agency.
- **Espresso** – Espresso Paper Platform
- **ForestExpress** - ForestExpress
- **GCA** - Graphic Communications Association
- **GCA-CCTI** – The GCA and CCTI combined coding
- **IFRA** - INCA FIEJ Research Association (Technical Research and Consulting Association for the Newspaper Industry).
- **Intrastat** - The agency responsible for collecting statistics on the physical trade of goods between the members of the EU.
- **ISO** - International Organisation for Standardisation.
- **NPTA** - National Paper Trade Association.
- **Ondule** - European Association of Corrugated Base Papers Manufacturers (actually Óndule).
- **Other** - Used when the agency responsible for a coding system is not defined in the attribute list, or there is no agency responsible for the codes used.
- **PPPC** – Pulp and Paper Products Council
- **Supplier** - The supplier has defined the codes used in the particular element of the transaction. Care must be used when using this agency to assure that the recipient of the message understands what is being communicated.
- **TAPPI** – Technical Association for the Paper and Pulp Industry
- **UCC** – The Uniform Code Council.
- **UN/ECE** – Currently undefined.
 - ✧ Introduced in version V2R20.
- **XBITS** – XML Book Industry Transaction Standards

WebBreakCauseType

Currently undefined.

- Introduced in version V2R20.

Used in:

- WebBreakCause

Choices:

- BaggyRoll
- CalendarCut
- CoatingScuffBack
- Detector
- FlatSpots
- GlueOnRoll
- HairCut
- InkFellOnWeb
- KnifeCut
- LooseCore
- MillSplice
- MissedPaste
- PasterJamFolder
- RibbonOutFolder
- ScorchOut
- ScrapInRoll
- SlimeHole
- SlitterFoldOver
- SlitterNicks
- StartOrStop
- StuckWeb
- Telescoped
- TensionWrinklesPaste
- Unknown
- WaterFellOnWeb
- WinderBurst
- WinderWrinkles

WebBreakType

An indication of the cause of the paper break

Used in:

- WebBreaks

Choices:

- MachineCaused
- PaperCaused
- Unknown