



papiNet

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

Goods Receipt Documentation

Papinet Standard - Version 2.10

April 2003

Goods Receipt Documentation - papiNet Standard - Version 2.10

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Message Documentation

The Goods Receipt Message

An Overview of the Goods Receipt Message

The ShipTo party, or authorised agent, sends a Goods Receipt message to the Supplier and/or to the Buyer acknowledging that a specific delivery or a number of deliveries in a given time period has been received.

The Goods Receipt message is useful for the Supplier or Buyer who needs to know that a ShipTo party has received the goods into inventory. The Supplier or Buyer uses the Goods Receipt message to monitor physical inventory at the ShipTo Location. In some cases the Supplier or Buyer is only interested in the quantity delivered and the Purchase Order Number. The Supplier or Buyer can use the Goods Receipt message to monitor in-transit inventory, to determine transportation time, or to receive estimated transit damage information.

The Goods Receipt message may include estimated transit damage information, which is early notification prior to an actual damage claim. It is not the start of the claims process, but may be used to prevent reporting the transit damage as available inventory at the ShipTo location.

A Goods Receipt reports on the physical receipt of goods that have been specified in one or more Delivery Messages. It can report if goods were received as specified in the Delivery Messages. If there are variances, it can detail the variances. If there are transit problems, it can report on the estimated transit damage. Based on the severity of the damage, or for other reasons, an entire shipment can be rejected.

The Scope of the Goods Receipt Message

The Goods Receipt message can include:

- A sender specific unique Goods Receipt Number
- The date and time goods arrived
- Time period
- The date and time goods were unloaded
- Reference to the matching Delivery Message
- Buyer, Supplier, Carrier and Ship To Parties
- The condition of the goods accepted
- Received goods details including identifiers and/or weights
- Notification of which identifiers are at variance with the DeliveryMessage and/or have Transit Damage
- Transportation Comments

Goods Receipt Message Types

- There are no GoodsReceipt Types.

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Business Rules for Goods Receipt Message

General GoodsReceipt Business Rules

The following tables list the structure rules that apply to Goods Receipts.

Reference	Rule
REC001	A GoodsReceipt may refer to one DeliveryMessage or to deliveries in a specified time period.
REC002	A GoodsReceipt may contain only one of BuyerParty, ShipToParty, SupplierParty, and CarrierParty.
REC003	A GoodsReceipt may contain a reference to one or more PurchaseOrder(s) and one or more PurchaseOrderLineItem(s) of those PurchaseOrder(s).
REC004	Each GoodsReceiptLineItem refers to only one PurchaseOrderLineItem from one PurchaseOrder.
REC005	A GoodsReceipt may contain one or more GoodsReceiptLineItem(s), each with a sequential GoodsReceiptLineItemNumber.
REC006	Each GoodsReceiptLineItem references only one DeliveryMessageLineItemNumber
REC007	Each GoodsReceiptLineItem may contain one or more GoodsReceiptPackage element.

The following tables list the business rules that apply to Goods Receipts.

Reference	Rule
REC008	In the rare case where a receiver wishes to receive goods without a previous electronic DeliveryMessage, the GoodsReceiptAcceptance is set to GoodsReceivedWithoutDeliveryMessage and the DeliveryMessageNumber should be set to the DeliveryMessageNumber taken from the hard copy accompanying the delivery. Full GoodsReceiptPackage elements are required. Receiving without a previous Delivery Message is not recommended.
REC009	If the CarrierParty is referenced, it is the Carrier of the last delivery leg to the ShipTo location.
REC010	If goods for the entire GoodsReceipt or for a particular GoodsReceiptLineItem are received as described in the previous DeliveryMessage (GoodsReceivedAsSpecified), then GoodsReceiptPackage elements are optional.

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Reference	Rule
REC011	If goods for the entire GoodsReceipt or for a particular GoodsReceiptLineItem are not received as described in the previous DeliveryMessage or there is transit damage, then GoodsReceiptPackage(s) are required. These details can be reported for all items or on the basis of an exception from the DeliveryMessage.
REC012	A GoodsReceiptPackage enumerates received physical items using the PackageInformation structure. PackageInformation is a hierarchy that represents package details (for example, box, pallet, pulp units, reels, or sheets) on the first level, and details of the items within the package (for example, box, bale items, reams, reels, or sheets) on the next level. Each level has an Identifier field used to specify the pallet, box, multi-reel, ream, or reel identifier according to defined numbering schemes. Only the package level is required for the GoodsReceipt message.
REC013	Each GoodsReceiptPackage contains a GoodsReceiptAcceptance attribute that reports the condition of each physical item at receipt. Values include GoodsReceivedAsSpecified, GoodsReceivedWithVariance, GoodsReceivedWithDamage, GoodsReceivedWithVarianceAndDamage, GoodsReceivedRejected
REC014	The GoodsReceipt message does not initiate the claims process. Transit damage is included in the GoodsReceipt message in order to maintain an accurate inventory. Amount of transit damage is recorded in InformationalQuantity. Transit damage is included in the GoodsReceipt message in order to maintain an accurate inventory. Amount of transit damage is recorded in InformationalQuantity.
REC015	GoodsReceipt messages must be processed in ascending date time order using TransactionHistoryNumber to ensure the correct processing of replacements and/or cancellations.
REC016	If the ShipTo party sends a GoodsReceiptStatusType of Replaced or Cancelled, the OriginalGoodsReceiptNumber must be present in GoodsReceiptReference. To process a Replaced or Cancelled message there must have been an "Original" GoodsReceipt message.

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Reference	Rule
REC017	If, when receiving the goods at the ShipTo location, the DeliveryMessage is found to be in error, then the DeliveryMessage may have to be replaced prior to being able to generate the GoodsReceipt message. Based on business agreements, this may be a required action.

Processing the Goods Receipt Message

The message can be sent with one of three values in the GoodsReceiptStatusType field.

Status Values Used When Processing the GoodsReceipt Message

Level	Attribute	Value
Message	GoodsReceipt-StatusType	<p>Original – Indicates that this is the first transmission of the message.</p> <p>Cancelled – Indicates that the ShipTo party wants to cancel the message.</p> <ul style="list-style-type: none"> • Per business rule REC016, the ShipTo party must reference the OriginalGoodsReceiptNumber of the original message if the GoodsReceiptStatusType is set to Cancelled. <p>Replaced – Indicates that the ShipTo party wants to replace the message.</p> <ul style="list-style-type: none"> • Per business rule REC016, the ShipTo party must reference the OriginalGoodsReceiptNumber of the original message if the GoodsReceiptStatusType is set to Replaced.

GoodsReceiptAcceptance specifies the condition of the goods at receipt. It occurs on the message level, the GoodsReceiptLineItem level, and the GoodsReceiptPackage level.

Level	Attribute	Value
Message	GoodsReceipt-Acceptance	GoodsReceivedAsIs – The delivered goods were received without inspection or checking of the goods for damage or accuracy.

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Level	Attribute	Value
		<p>GoodsReceivedAsSpecified – Received goods agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights. There is no obvious damage.</p> <p>GoodsReceivedWithVariance – Received goods do not agree completely with the DeliveryMessage specifications. For those items at variance, actual received item identifiers, item weights, and transit damage must be specified.</p> <p>GoodsReceivedWithDamage – Received goods agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights; but there has been transit damage on some items. All transit damages must be specified.</p> <p>GoodsReceivedWithVarianceAndDamage – Received goods do not agree completely with the Delivery Message’s specifications for all lines including item identifiers and item weights and there has been transit damage of some items. For those items at variance or with transit damage, actual received item identifiers, item weights and all transit damages must be specified.</p> <p>GoodsReceivedRejected – Received goods agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights; but there has been transit damage or other reasons resulting in rejection of all goods.</p> <p>GoodsReceivedWithoutDeliveryMessage – Goods were received but there was no prior DeliveryMessage. This acceptance status applies to the entire GoodsReceipt message.</p> <p>GoodsReceivedCancelled – Received goods notification is being cancelled. This value is only used when the GoodsReceiptStatusType is “Cancelled.”</p>

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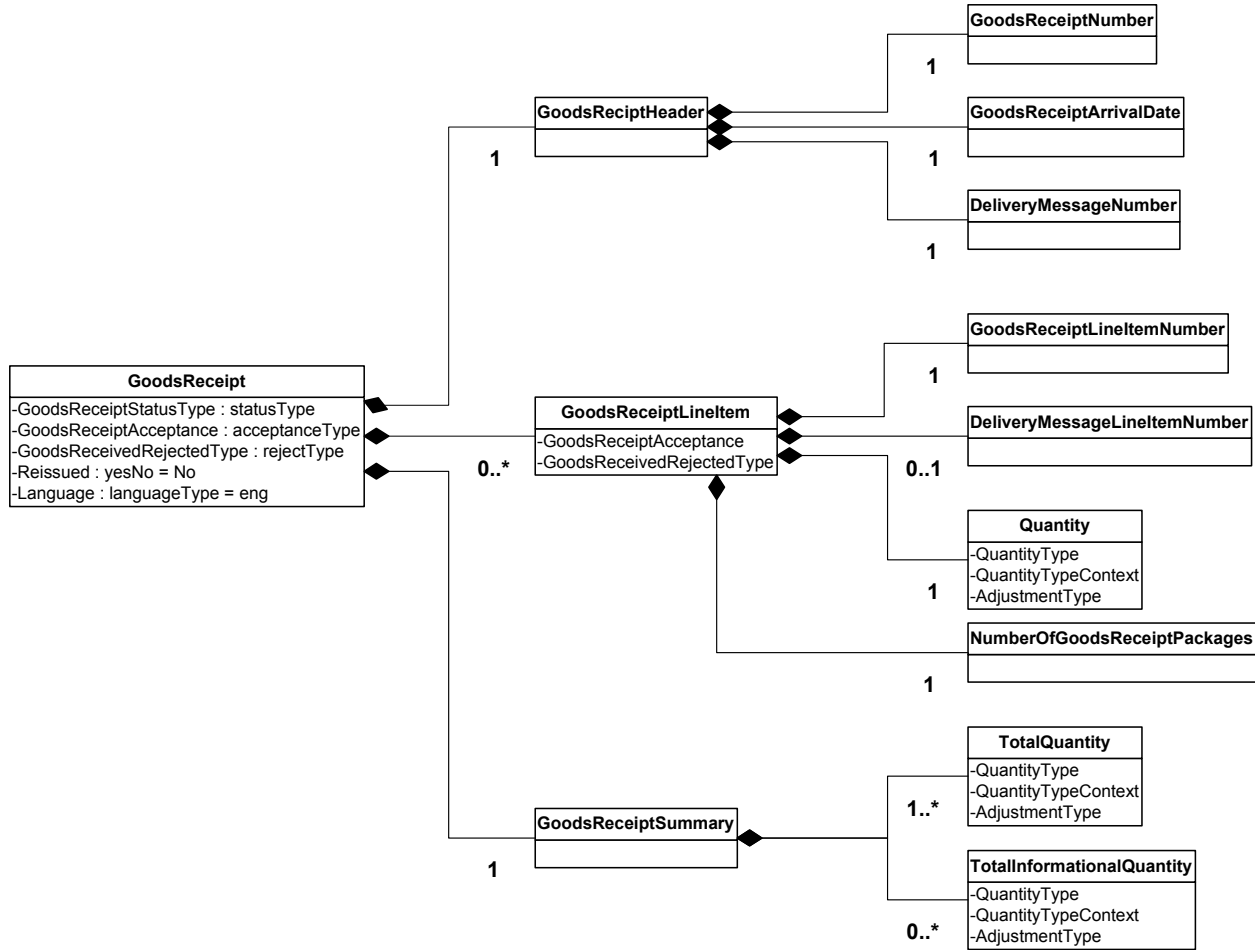
Level	Attribute	Value	GoodsReceiptAcceptance
		Goods-Receipt Line-Item	<p>GoodsReceivedAsIs – The delivered goods were received without inspection or checking of the goods for damage or accuracy.</p> <p>GoodsReceivedAsSpecified – Received goods agree completely with the DeliveryMessage specifications for that line item including item identifiers and item weights. There is no obvious damage.</p> <p>GoodsReceivedWithVariance – Received goods do not agree completely with the DeliveryMessage specifications for that line item. For those items at variance, actual received item identifiers, item weights, and transit damage must be specified.</p> <p>GoodsReceivedWithDamage – Received goods agree completely with all DeliveryMessage specifications for that line item including item identifiers and item weights; but there has been transit damage of some items. All transit damages must be specified.</p> <p>GoodsReceivedWithVarianceAndDamage – Received goods do not agree completely with the DeliveryMessage specifications for that line item including item identifiers and item weights and there has been transit damage of some items. For those items at variance or with transit damage, actual received item identifiers, item weights and all transit damages must be specified.</p> <p>GoodsReceivedRejected – Received goods agree completely with all DeliveryMessage specifications for that line item including item identifiers and item weights; but there has been transit damage or other reasons resulting in rejection of all goods.</p>

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Level	Attribute	Value
GoodsReceipt- Package	Goods- Receipt- Acceptance	<p>GoodsReceivedAsIs – The delivered goods were received without inspection or checking of the goods for damage or accuracy.</p> <p>GoodsReceivedAsSpecified – The specific received good agrees completely with the DeliveryMessage specifications including item identifiers and item weights. There is no obvious damage.</p> <p>GoodsReceivedWithVariance – The specific received good does not agree completely with the DeliveryMessage specifications. Actual received item identifiers and item weights must be specified.</p> <p>GoodsReceivedWithDamage – The specific received good agrees completely with all DeliveryMessage specifications including item identifiers and item weights; but there has been transit damage of some items. All transit damages must be specified.</p> <p>GoodsReceivedWithVarianceAndDamage – The specific received good does not agree completely with the DeliveryMessage specifications including item identifiers and item weights and there has been transit damage. Actual received item identifiers, item weights and all transit damages must be specified.</p> <p>GoodsReceivedRejected – The specific received good agrees completely with all DeliveryMessage specifications including item identifiers and item weights but there have been transit damages or other reasons resulting in rejection of the entire item.</p>

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High-level UML Diagram of Goods Receipt Message



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Overview of GoodsReceipt Schema Structure

	Type	Required	Occurrence
GoodsReceipt	Root	Required	Single
@GoodsReceiptStatusType	Attribute	Required	Single
@GoodsReceiptAcceptance	Attribute	Required	Single
@GoodsReceivedRejectedType	Attribute	Optional	Single
@Reissued	Attribute	Optional	Single
@Language	Attribute	Optional	Single
GoodsReceiptHeader	Element	Required	Single
GoodsReceiptNumber	Element	Required	Single
GoodsReceiptIssueDate	Element	Optional	Single
TransactionHistoryNumber	Element	Optional	Single
GoodsReceiptArrivalDate	Element	Required	Single
TimePeriod	Element	Optional	Single
GoodsReceiptUnloadDate	Element	Optional	Single
GoodsReceiptReference	Element	Optional	Multiple
DeliveryMessageNumber	Element	Required	Single
DeliveryMessageDate	Element	Optional	Single
BuyerParty	Element	Optional	Single
BillToParty	Element	Optional	Single
SupplierParty	Element	Optional	Single
CarrierParty	Element	Optional	Single
OtherParty	Element	Optional	Multiple
SenderParty	Element	Optional	Single
ReceiverParty	Element	Optional	Multiple
ShipToCharacteristics	Element	Optional	Single
TransportationComment	Element	Optional	Multiple
GoodsReceiptLineItem	Element	Optional	Multiple
@GoodsReceiptAcceptance	Attribute	Required	Single
@GoodsReceivedRejectedType	Attribute	Optional	Single
GoodsReceiptLineItemNumber	Element	Required	Single
DeliveryMessageLineItemNumber	Element	Required	Single
PurchaseOrderInformation	Element	Optional	Single
PurchaseOrderLineItemNumber	Element	Optional	Single
GoodsReceiptReference	Element	Optional	Multiple
Product	Element	Optional	Single
Quantity	Element	Required	Single
NumberOfGoodsReceiptPackages	Element	Optional	Single
InformationalQuantity	Element	Optional	Multiple
GoodsReceiptPackage	Element	Optional	Multiple
GoodsReceiptSummary	Element	Required	Single
TotalNumberOfLineItems	Element	Optional	Single
TotalQuantity	Element	Required	Single
TotalInformationalQuantity	Element	Optional	Multiple
TermsAndDisclaimers	Element	Optional	Multiple

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GoodsReceipt Schema Structure and Processing Logic

This section provides a detailed graphical view of the GoodsReceipt Schema structure; the GoodsReceipt root element, the GoodsReceiptHeader, the GoodsReceiptLineItem, and the GoodsReceiptSummary. Discussions of the subordinates to GoodsReceipt can be found in the Glossary document and a review of the data-types can be found in the Design document (available at www.papiNet.org). This section also contains a review of the processing logic that is special to the GoodsReceipt message.

The graphical display of the Schema contains occurrence indicators and data type information. These indicators appear to the left of the boxes in the schema graphic and they have the following meanings:

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

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Goods Receipt Root



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

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

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

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

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

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

- Reissued

An attribute to communicate the Language

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

Elements:

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

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GoodsReceiptHeader

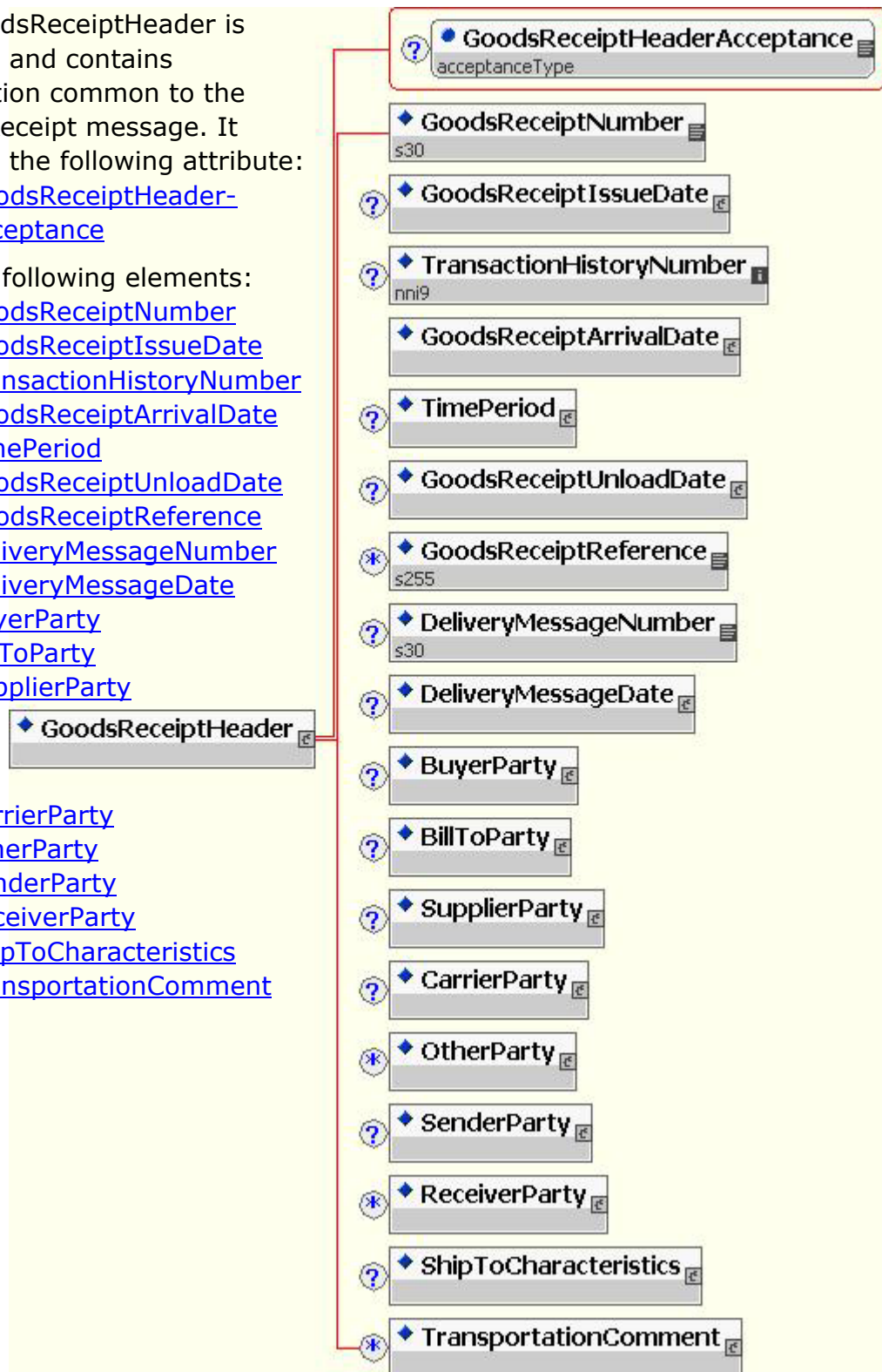
The GoodsReceiptHeader is required and contains information common to the Goods Receipt message. It contains the following attribute:

- [GoodsReceiptHeader-Acceptance](#)

And the following elements:

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

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



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GoodsReceiptLineItem

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

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

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

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

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

GoodsReceiptLineItem has the following elements:

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

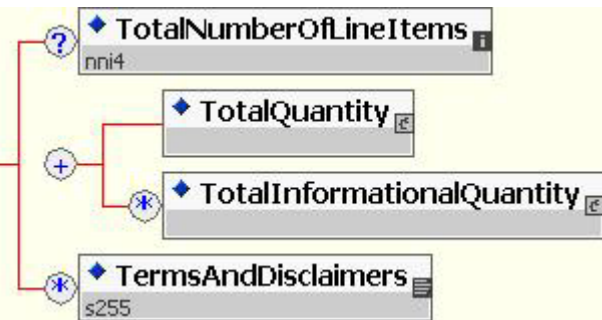


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GoodsReceiptSummary

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

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



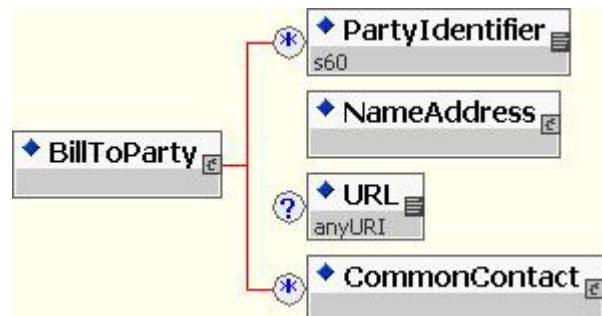
Common Definition References - Elements

BillToParty

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

BuyerParty contains the following elements:

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



Refer to [Party](#) for additional information

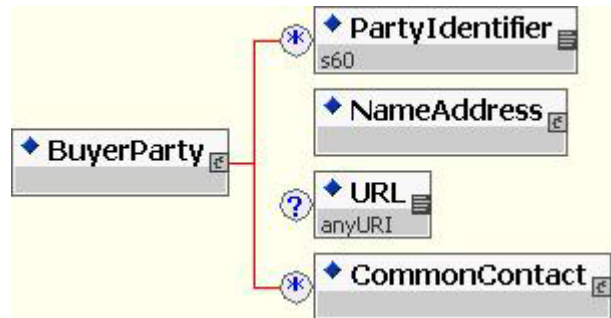
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BuyerParty

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

BuyerParty contains the following elements:

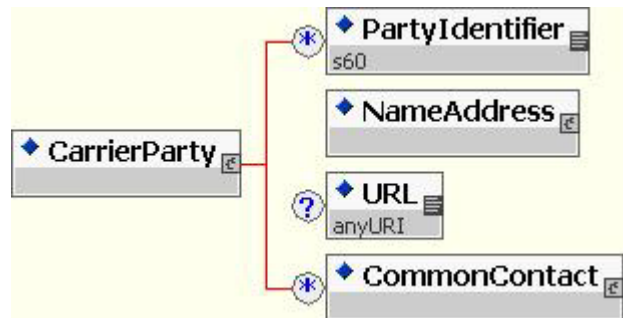
- [PartyIdentifier](#)
- [NameAddress](#)
- [URL](#)
- [CommonContact](#)



Refer to [Party](#) for additional information

CarrierParty

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



DeliveryMessageDate

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



DeliveryMessageLineItemNumber

The sequential number that uniquely identifies the delivery line item.



DeliveryMessageNumber

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



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GoodsReceiptArrivalDate

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



GoodsReceiptIssueDate

The date that the Goods Receipt message was created.



GoodsReceiptLineItemNumber

A sequential number that uniquely identifies the GoodsReceipt line item.

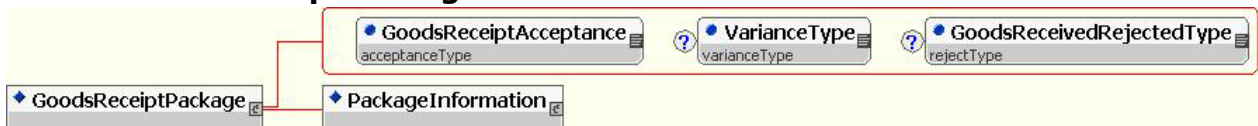


GoodsReceiptNumber

The unique receipt identifier as agreed by the trading partners.



GoodsReceiptPackage



This element represents the manner in which the goods receipt is packaged.

The GoodsReceiptPackage contains the following attributes:

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

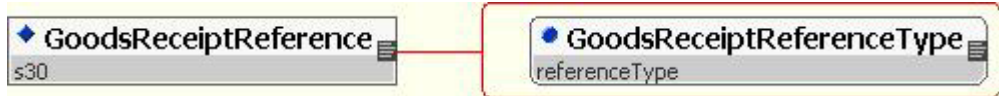
The GoodsReceiptPackage contains the following element:

- [PackageInformation](#)

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GoodsReceiptReference

A group
item
detail in



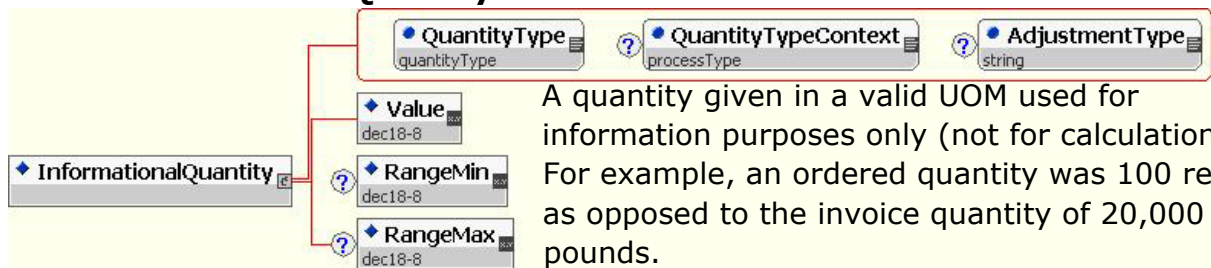
g relevant references (such as contract number) pertaining to the GoodsReceipt, as indicated by the [GoodsReceiptReferenceType](#).

GoodsReceiptUnloadDate

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



InformationalQuantity



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

InformationalQuantity contains the following attributes:

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

And the following elements:

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

NumberOfGoodsReceiptPackages

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

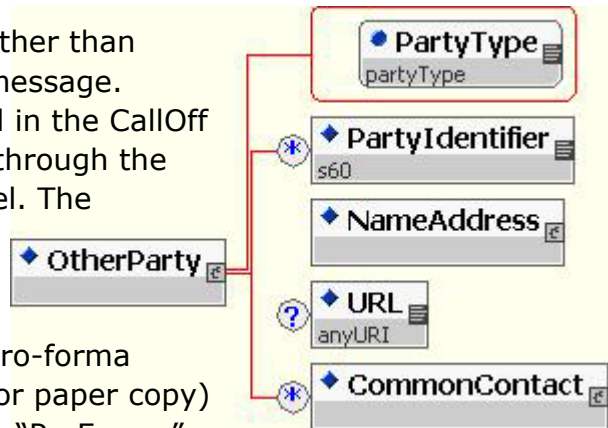


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OtherParty

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

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



OtherParty contains the [PartyType](#) attribute.

OtherParty contains the following elements:

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

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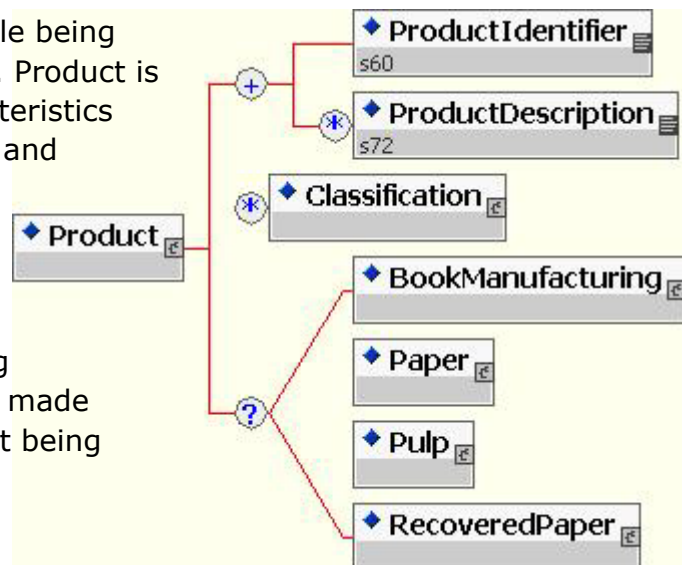
Product

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

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

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

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



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

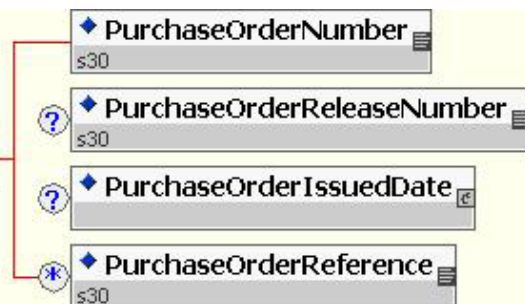
PurchaseOrderInformation

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



PurchaseOrderInformation has the following elements:

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



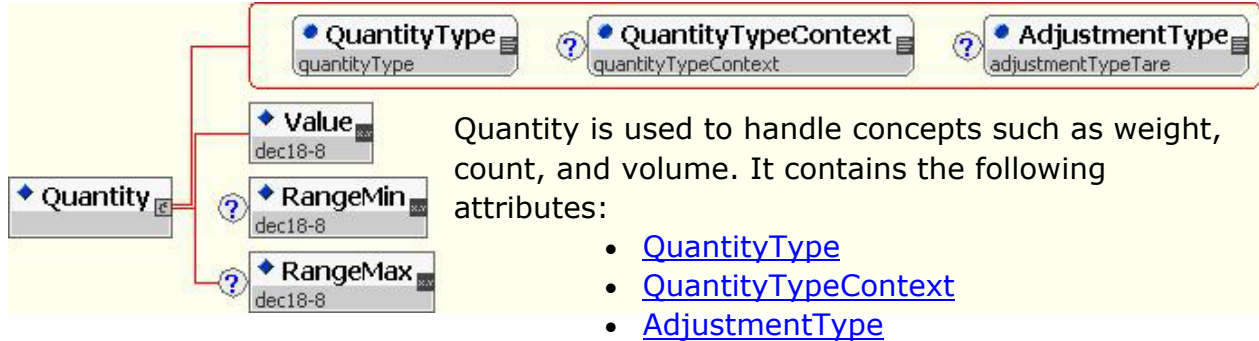
PurchaseOrderLineItemNumber

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



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Quantity



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

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

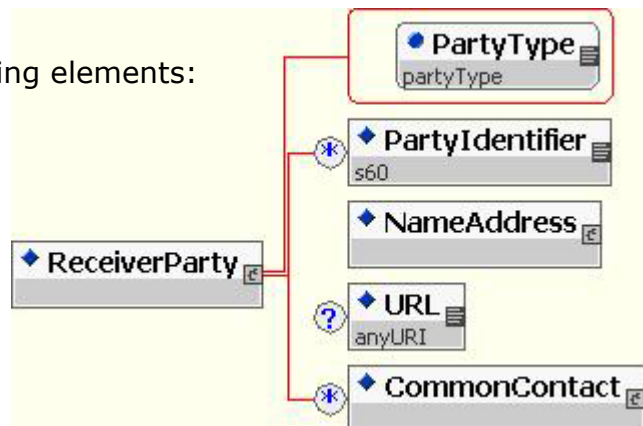
ReceiverParty

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

ReceiverParty contains the following elements:

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

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



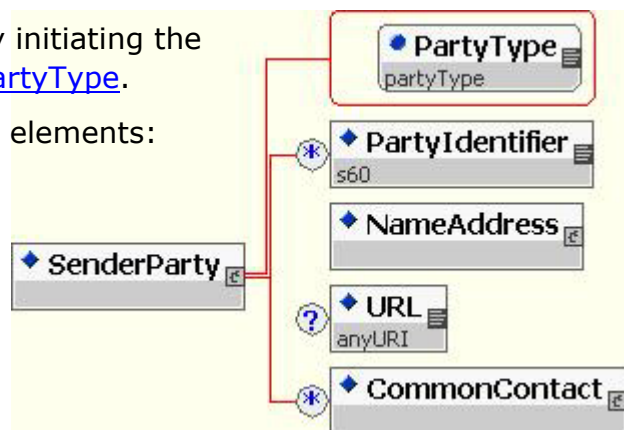
SenderParty

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

SenderParty contains the following elements:

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

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



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ShipToCharacteristics

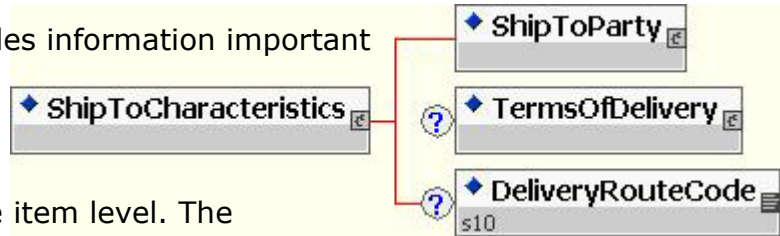
A group item that provides information important for the Ship-To Party.

ShipToCharacteristics

may be referenced at both the header and line item level. The reference at the header is required and acts as a default for the value at the line level, unless overridden at the line level.

ShipToCharacteristics contains the following elements:

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

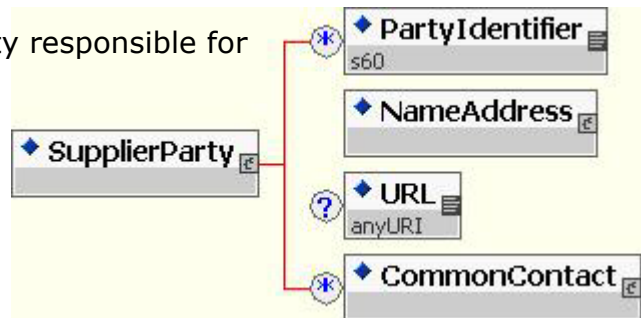


SupplierParty

The organisation or business entity responsible for providing the product.

SupplierParty contains the following elements:

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



Refer to [Party](#) for additional information

TermsAndDisclaimers

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



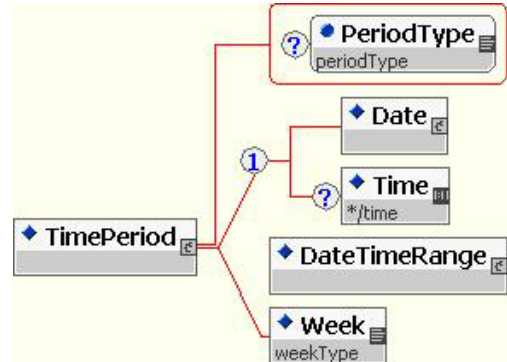
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TimePeriod

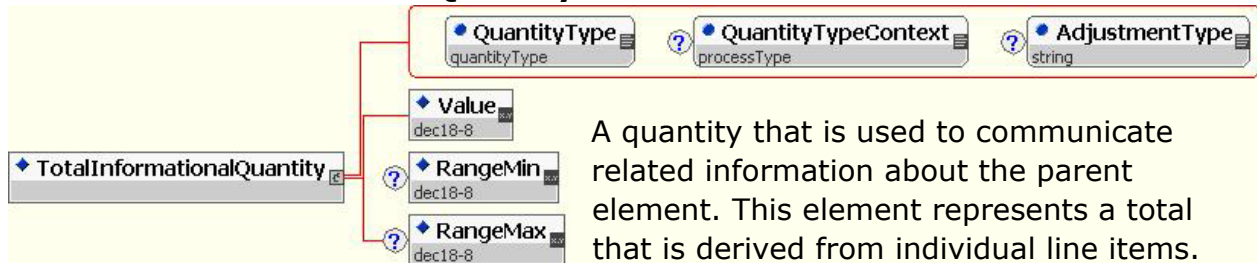
The TimePeriod element is used to communicate a duration period of time as indicated in [PeriodType](#).

TimePeriod contains the following elements:

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



TotalInformationalQuantity



A quantity that is used to communicate related information about the parent element. This element represents a total that is derived from individual line items.

TotalInformationalQuantity contains the following attributes:

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

TotalInformationalQuantity contains the following elements:

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

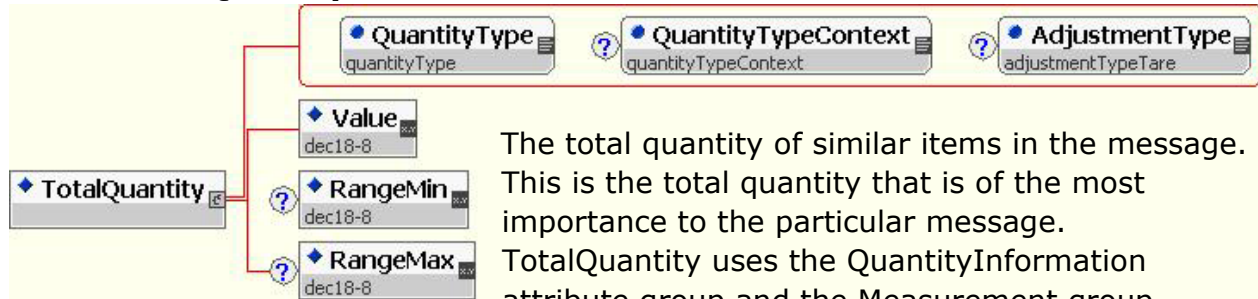
TotalNumberOfLineItems

The total number of individual line items in the message.



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TotalQuantity



The total quantity of similar items in the message. This is the total quantity that is of the most importance to the particular message. TotalQuantity uses the QuantityInformation attribute group and the Measurement group

(element grouping).

TotalQuantity uses the following attributes:

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

TotalQuantity uses the following elements:

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

TransactionHistoryNumber

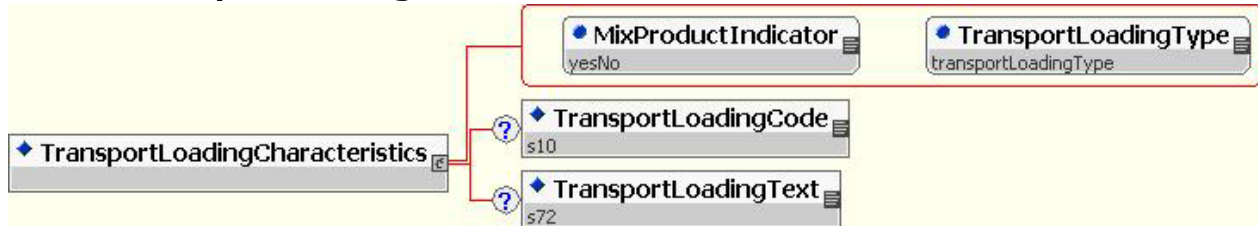
A sequential number that keeps track of the version of any document being sent by the message originator.



OrderConfirmation– Used to associate an OrderConfirmation message with a specific PurchaseOrder message. This is the same number that was sent in the original purchase order.

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TransportLoadingCharacteristics



A group item defining how the transported items are to be loaded.

TransportLoadingCharacteristics contains the following attributes

- [MixProductIndicator](#)
- [TransportLoadingType](#)

TransportLoadingCharacteristics contains the following elements:

- [TransportLoadingCode](#)
- [TransportLoadingText](#)

TransportModeCharacteristics

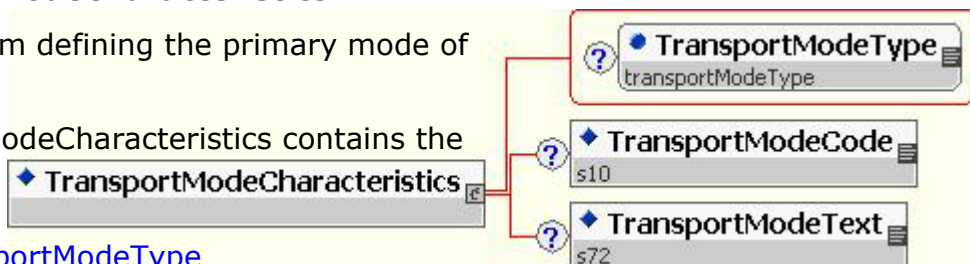
A group item defining the primary mode of transport.

TransportModeCharacteristics contains the following attribute:

- [TransportModeType](#)

TransportModeCharacteristics contains the following elements:

- [TransportModeCode](#)
- [TransportModeText](#)

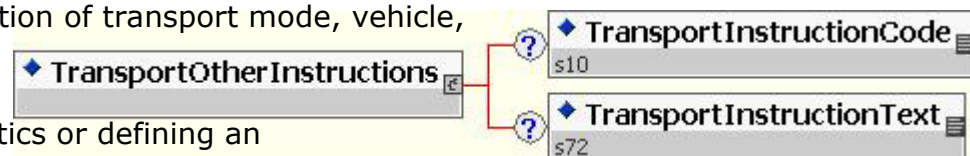


TransportOtherInstructions

A group item defining any other instructions for the transport not covered in the description of transport mode, vehicle, unit, and loading characteristics or defining an alternative description for the categories mentioned above.

TransportOtherInstructions contains the following attributes:

- [TransportInstructionCode](#)
- [TransportInstructionText](#)



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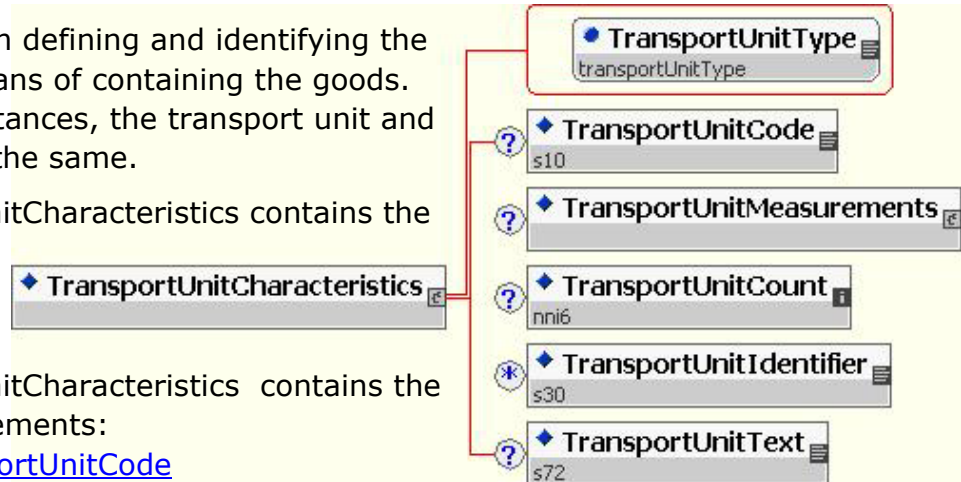
TransportUnitCharacteristics

A group item defining and identifying the primary means of containing the goods. In some instances, the transport unit and vehicle are the same.

TransportUnitCharacteristics contains the [TransportUnitType](#) attribute.

TransportUnitCharacteristics contains the following elements:

- [TransportUnitCode](#)
- [TransportUnitMeasurements](#)
- [TransportUnitCount](#)
 - ✧ This element is not required for the PurchaseOrder.
- [TransportUnitIdentifier](#)
 - ✧ This element is not required for the PurchaseOrder.
- [TransportUnitText](#)



TransportVehicleCharacteristics

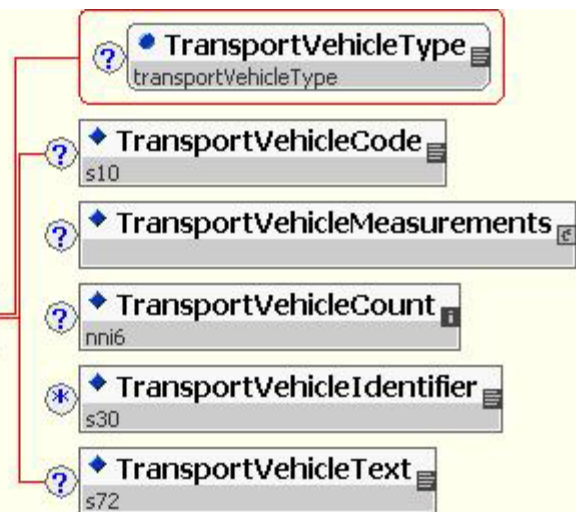
A group item defining the primary means of transporting the goods, such as a side port vessel. In some instances, the transport unit and vehicle are the same.

TransportVehicleCharacteristics

contains the [TransportVehicleType](#) attribute.

TransportVehicleCharacteristics contains the following elements:

- [TransportVehicleCode](#)
- [TransportVehicleMeasurements](#)
- [TransportVehicleCount](#)
 - ✧ This element is not required for the PurchaseOrder.
- [TransportVehicleIdentifier](#)
 - ✧ This element is not required for the PurchaseOrder.
- [TransportVehicleText](#)



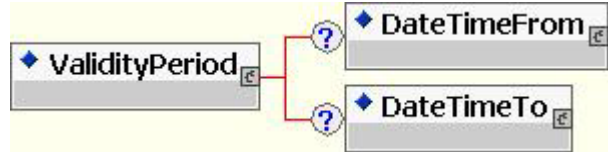
Goods Receipt Documentation - papiNet Standard - Version 2.10

ValidityPeriod

The validity period for a blanket purchase order or product attributes definition.

ValidityPeriod contains the following elements:

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



TransportationComment

Textual Commentary on Transportation for an entire GoodsReceipt.



TransportationComment contains the [AdditionalText](#) element.

Goods Receipt Documentation - papiNet Standard - Version 2.10

Common Definition References – Attributes

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.
- **GoodsReceivedWithVarianceAndDamage** – Received goods do not agree completely with all DeliveryMessage specifications for all lines including item identifiers and item weights and there has been transit damage of some items. For those items at variance or with transit damage, actual received item identifiers, item weights, and transit damages must be specified.

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GoodsReceiptReferenceType

Provides the context for the GoodsReceiptReference. Uses 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.

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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.
- **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.
- **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.

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

Goods Receipt Documentation - papiNet Standard - Version 2.10

- BusinessAcknowledgement
- CallOff
- Complaint
- ComplaintResponse
- CreditDebitNote
- DeliveryMessage
- DeliveryMessageBook
- EndUses
- GoodsReceipt
- InfoRequest
- InventoryChange
- InventoryStatus
- Invoice
- OrderConfirmation
- OrderStatus
- PackagingDescription
- ProductDescription
- ProductQuality
- PurchaseOrder
- RFQ
- RFQResponse
- ShippingInstructions
- SenderProduct-AttributesDescription
- 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.

referenceType

Provides a contextual explanation of the specific reference identifier

- **AccountNumber** - The unique reference number given to a financial account of the party involved in the transaction.
- **Author** - Name of the author of the product or book.
- **AudioVideoSelectionNumber** - Unique number given to every audio master. Used by duplicators and replicators.
- **BillOfLadingNumber** - The unique reference number given to a bill of lading document given to the carrier transporting the product; the bill of lading is a legal document that lists all the products that are being transported.
- **BookLanguage** - Language of the text of the book.
- **BuyerBudgetCenter** - Buyers internal cost-centre identifier.
- **BuyerClaimNumber** - A number assigned by the buyer to track their claim.
- **BuyerDivisionIdentifier** - Buyer's internal division identifier.
- **BuyerImprint** - Identifies which publisher's imprint to which this product belongs.
- **BuyerRetailPrice** - Cover price of the finished product.

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- **CallOffLineItemNumber** – The specific line item number for the Call-Off.
- **CallOffNumber** - The unique reference number given to a call-off message. The call-off number of a previously sent call-off message can be referenced. For example, a seller can refer to a call-off number in a delivery message.
- **CIMNumber** - The unique reference number given to an international freight document for rail transport.
- **CMRNumber** - The unique reference number given to an international freight document for road transport.
- **ComplaintNumber** – The reference number associated with a complaint.
- **ComplaintResponseNumber** – The reference number associated with a complaint response.
- **ContractLineNumber** - A particular line number of a contract. Note: To reference a contract line number, the seller or buyer must include a clear reference to the corresponding contract elsewhere in the message.
- **ContractNumber** - The unique reference number given to a mutual commercial/trading agreement between a buyer and a seller. The agreement can cover a quote, a bid, a contract, pricing, invoicing, and/or payment terms.
- **ConvertingReportNumber** – An identifier used to communicate which converting report is being referred to.
- **Copyright** – The year of publication copyright.
- **CreditDebitNoteNumber** – The number of the referenced Credit or Debit Note.
- **CustomerBookingNumber** – The customer's number for the transit booking used to reference lines to be co-loaded on the same transport.
- **CustomerJobNumber** – an identifier for a specific job or task to which the forecast data is to apply, along with location and item.
- **CustomerJobTitle** – a name of a specific job or task to which the forecast data is to apply, along with location and item.
- **CustomerReferenceNumber** - A unique informational reference number passed on from the buyer to the seller. This number is meaningful only to the buyer.
- **DeliveryBookingNumber** – A number issued by the customer to schedule deliveries at their site.
- **DeliveryLocation** – The location to which product is to be delivered.
- **DespatchInformationNumber** -
- **DespatchInstructionNumber** – The unique reference number of the despatch instruction document. For example the despatch instructions sent from the mill to the warehouse.

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- **Edition** – Buyer’s description of the version of the product edition. For example in book manufacturing values might be 2nd, Texas, Revised.
- **EndCallOffDate** – The last date that a call-off can be placed.
- **FormType** – type of printed signature. For book manufacturing, could be web, sheet, folded and gathered sig.
- **FromPurchaseOrderNumber** – The purchase order that is used as the source of information.
- **GoodsReceiptNumber** – The number of the goods receipt transaction that is being referred to.
- **IndentOrderNumber** - A unique reference number given to an order, which is to be delivered directly to the buyer’s own customer (typically a paper merchant). The reference value is passed from the buyer to the seller and the information content is meaningful only to the buyer.
- **InitialShipmentAdviceNumber** - The unique reference number given to an initial shipment advice message. The number of a previously sent initial shipment advice message can be referenced. For example, a seller can refer to an initial shipment advice number in a delivery message.
- **IntraStatNumber** The unique reference number given to product groups by the international authority Intrastat for statistical purposes. This number must be on the invoice when importing or exporting goods.
- **ISBN10** – 10 digit ISBN code without dashes
- **ISBN10Dash** – 10 digit ISBN code with dashes
- **ISBN13** – 13 digit ISBN code.
- **ISODocumentReference** -- A unique ISO 9002 / 9001 document identifier.
- **IssueEvent** – A task, or other type of event, related to the creation of an issue of a publication.
- **JobNumber** – An identifier for a step in the production, publication, or manufacturing process. Usually a job has as its scope the amount of work performed by a defined resource (person or equipment).
- **LotIdentifier** – A unique code used to identify a grouping of product with one set of quality statistics common to all members of that group.
- **MarketplaceReferenceNumber** – A number used by the marketplace to identify the information.
- **MasterBillOfLading** - The unique reference number given to a master bill of lading document, which contains multiple bills of lading. This is a legal document given to the carrier that transports the goods to multiple customers, each of which then receive a unique bill of lading document.

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- **MasterContractNumber** – Contract number that is broader in terms of doing business between partners which for the book industry may, or may not include pricing.
- **MillOrderLineItemNumber** – The line number associated with the Mill Order Number.
- **MillOrderNumber** - The unique reference number created by the mill to identify a specific lot of paper with the same paper characteristics. This number may be used to identify a mill's internal order number, corresponding to all, or part of a buyer's purchase order.
- **MillSalesOfficeNumber** – The number used to identify the Mill's sales office.
- **OrderPartyReferenceNumber** – Reference number of the original order party.
- **OriginalComplaintResponseNumber** - Reference number of the original ComplaintResponse.
- **OriginalDeliveryNumber** - The unique reference number given to a delivery message number sent previously that has been replaced in the meantime.
- **OriginalGoodsReceiptNumber** – The original unique identifier of the GoodsReceipt that is to be replaced.
- **OriginalInvoiceNumber** - The unique reference number given to an invoice message number sent previously that has been replaced in the meantime.
- **OriginalPurchaseOrderNumber** - The unique reference number given to a purchase order message number sent previously that has been replaced (through amendment or cancellation) in the meantime.
- **OriginalUsageNumber** – The unique reference number given to a usage message previously sent that has been replaced (through amendment or cancellation) in the meantime.
- **Other** - Used for any other reference that is not covered by this attribute list.
- **PackageNumber** - The unique reference number given to a manufacturer's product packaging designation.
- **PriceContractNumber** – Contract number that is specific to pricing.
- **PriceList** – The number used to identify the price list.
- **PrintingNumber** – Buyer's reference to the sequential print run number.
- **PubName** – The publication name.
- **PubNumber** – The publication number.
- **PupilsTeachers** – Description of the pupils/teachers edition specific to educational book products.
- **PurchaseOrderLineItemNumber** – a sequential number that uniquely identifies the purchase order line item.

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- **PurchaseOrderNumber** - The unique reference number given to a purchase order message. The purchase order number of a previously sent order can be referenced. For example, a seller can refer to a purchase order number in an invoice message.
- **ReleaseNumber** - The unique sequential number given to the release of a reservation order, a contract, or a blanket order. Note: To reference a release number, the buyer or seller must have clearly referenced the corresponding purchase order elsewhere in the message.
- **RFQLineItemNumber** - The number used to identify the RFQ line item.
- **RFQNumber** - The identifier of the RFQ. Usually provided when opening a purchase order that is derived from a request for quote (RFQ).
- **RunNumber** - The unique reference number given to a paper-manufacturing slot on the mill production line (for example, paper machine or sheet cutter). Paper for several orders is manufactured in one run before resetting the machines for new manufacturing results.
- **SchoolGrade** - Grade level indicator of the book product, specific to educational text books such as grade 3. (K=Kindergarten, 1 through 12, CO=College)
- **SchoolGradeLevel** - Further definition of the Grade level of the book product, specific to educational text books such as grade 3 level A.
- **ShippingInstructionsLineItemNumber** - Line number reference of the shipping instruction for book shipments.
- **ShippingInstructionsNumber** - Sequential message number of the shipping instruction.
- **SpecificationReferenceNumber** - Buyer's version number of the book specification.
- **StockOrderNumber** - The unique reference number given to an order, which is to be delivered to the buyer's designated stock location (typically a paper merchant). The reference value is passed from the buyer to the supplier and the information content is meaningful only to the buyer.
- **SupplierCallOffNumber** - A number assigned by the supplier to the call-off created by the customer.
- **SupplierClaimNumber** - The number assigned by the supplier to identify a claim.
- **SupplierReferenceNumber** - The unique reference number created by the seller in response to a purchase order. This number, sent in the seller's order confirmation message, can correspond to all or part of a mill order number versus a run number.

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- **SupplierVoyageNumber** - The unique seller's reference number (own internal code) given to a voyage, not the port authority's number.
- **Title** – Proper title of a book product.
- **TitleAlias** – Buyer supplied title description for book products, usually used for security purposes.
- **ToPurchaseOrderNumber** – The destination of purchase order information.
- **UniversalProductIdentifier** – Unique identifier for the book, component of a book product, and many other products.
- **UsageNumber** – The number used to identify the Usage activity being referred to.
- **VendorReferenceNumber** – A unique number created by the Vendor for the information.
- **WarehouseDeliveryNumber** – Alternate delivery number when the warehouse uses secondary documents to manage despatch, e.g. Third Party managed warehouse with their own system.

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
- ShippingInstructions
- Usage

Choices:

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

statusType

Acts as a flag indicating what processing may be required.

- **Accepted** - Either the seller or the buyer accepts the header information.
- **Amended** - Either the seller or the buyer has changed the header information.

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- **Cancelled**- The buyer has cancelled a line item that was sent in a previous message. Lines that have been cancelled are not included in Totals on the Summary levels of the message.
- **Counterproposal** - The sender is presenting a different proposal.
- **New** - This is the first time the message has been sent.
- **NoAction** - This call-off header has not been amended and thereby requires no action.
- **Original** - The message information is the first version of that information.
- **Pending** - The seller will update the call-off line item at a later time.
- **Rejected** - The header information is rejected.
- **Replaced** - The entire message referred to has been replaced and the receiver should revalidate the information in their system based upon the entire message contents received.

Additional Information for GoodsReceipt Message

Re-use of PackageInformation from the DeliveryMessage.

Because each GoodsReceipt message pertains to only one corresponding DeliveryMessage, and each GoodsReceiptLineItem corresponds to one DeliveryMessageLineItem, the PackageInformation structure can be re-used to indicate the physical packages received when this level of detail is required.

Item level information, such as BaleItem, Box, Pallet, ReelItem, etc., although supported by PackageInformation, is not required in the GoodsReceipt message. Only package level information needs be reported.

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Goods Receipt Business Scenarios

Listing of Business Scenarios

<u>Scenario A</u>	A GoodsReceipt is sent with one or more GoodsReceiptLineItem(s) specifying that goods were received as specified in the DeliveryMessage.
<u>Scenario B</u>	A GoodsReceipt is sent with multiple GoodsReceiptLineItem(s) where GoodsReceiptLineItem 1 was received as specified in the DeliveryMessage while GoodsReceiptLineItem 2 was received with variance from the DeliveryMessage.
<u>Scenario C</u>	A GoodsReceipt is sent with multiple GoodsReceiptLineItem(s) where GoodsReceiptLineItem 1 was received without transit damage while GoodsReceiptLineItem 2 was received with transit damage.
<u>Scenario D</u>	A GoodsReceipt is sent with multiple GoodsReceiptLineItem(s) where GoodsReceiptLineItem 1 was received with no transit damage and as specified in the DeliveryMessage while GoodsReceiptLineItem 2 was received with variance and transit damage.
<u>Scenario E</u>	A GoodsReceipt is sent with multiple GoodsReceiptLineItem(s) where the entire Delivery is rejected because of transit damage.
<u>Scenario F</u>	A GoodsReceipt is sent with multiple GoodsReceiptLineItem(s) where GoodsReceiptLineItem 1 is received as specified and GoodsReceiptLineItem 2 was rejected for transit damage.
<u>Scenario G</u>	A GoodsReceipt is sent that corrects an erroneous GoodsReceipt.
<u>Scenario H</u>	A GoodsReceipt is sent that cancels an erroneous GoodsReceipt.

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Scenario A

Message	GoodsReceipt
Business Scenario	<p>A GoodsReceipt is sent with one or more GoodsReceiptLineItem(s) specifying that goods were received as specified in the DeliveryMessage.</p> <pre> sequenceDiagram participant ShipTo as ShipTo : SenderParty participant Supplier as Supplier : ReceiverParty participant Buyer as Buyer : ReceiverParty ShipTo->>Supplier: Receive GoodsReceipt() Supplier->>Buyer: Receive GoodsReceipt() Buyer-->>Supplier: BusinessAcknowledgement Supplier-->>ShipTo: BusinessAcknowledgement </pre>
Outcome	Buyer and Supplier Systems are updated to note receipt.
Initiator	ShipTo
Receiver	Buyer and/or Supplier
Trigger	Goods have been received and unloaded at ShipTo Location.
Step 1	<p>ShipTo party (this refers to either a system application or a person) validates that the shipment is consistent with the DeliveryMessage</p> <ul style="list-style-type: none"> • ShipTo party sets the GoodsReceiptAcceptance to GoodsReceivedAsSpecified at the message level. • Only GoodsReceiptHeader and GoodsReceiptSummary are required • GoodsReceiptStatusType = "Original" • GoodsReceiptAcceptance = "GoodsReceivedAsSpecified" at the message level

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Scenario B

Message	GoodsReceipt
Business Scenario	<p>A GoodsReceipt is sent with multiple GoodsReceiptLineItem(s) where GoodsReceiptLineItem 1 was received as specified in the DeliveryMessage while GoodsReceiptLineItem 2 was received with variance from the DeliveryMessage.</p> <pre> sequenceDiagram participant S as ShipTo : SenderParty participant Sp as Supplier : ReceiverParty participant B as Buyer : ReceiverParty S->>Sp: Receive GoodsReceipt() Sp->>B: Receive GoodsReceipt() B-->>Sp: BusinessAcknowledgement Sp-->>S: BusinessAcknowledgement </pre>
Outcome	Buyer and Supplier Systems are updated to note receipt.
Initiator	ShipTo
Receiver	Buyer and/or Supplier
Trigger	Goods have been received and unloaded at ShipTo Location.
Step 1	<p>ShipTo party determines that the shipment is consistent with the DeliveryMessage for GoodsReceiptLineItem 1; but there is weight or identifier variances with GoodsReceiptLineItem 2</p> <ul style="list-style-type: none"> The DeliveryMessage for GoodsReceiptLineItem 1 had 10 reels weighing a total of 17,500 pounds. Goods review validated that all identifiers and weights were accurate. The DeliveryMessage for GoodsReceiptLineItem 2 specified 15 reels weighing 25,000 pounds. Goods review uncovered a discrepancy where a reel identifier B was specified in the delivery message but reel identifier C was actually sent. ShipTo party sets the GoodsReceiptAcceptance to "GoodsReceivedWithVariance" at the message level
Step 2	ShipTo Party sends out GoodsReceiptLineItem 1 with a GoodsReceiptAcceptance set to "GoodsReceivedAsSpecified"; no GoodsReceiptPackage is needed since the receipt on this item is consistent with the DeliveryMessage
Step3	ShipTo Party sends out GoodsReceiptLineItem 2 with a GoodsReceiptAcceptance set to "GoodsReceivedWithVariance"; GoodsReceiptPackage is required; these detail the actual identifiers and weights received. Those items that are at variance with the DeliveryMessage are marked with a GoodsReceiptAcceptance of "GoodsReceivedWithVariance".

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Step4

Those items that are at variance with the DeliveryMessage are also marked with a VarianceType. The missing reel, B, is marked with a VarianceType of "NotReceived" and the unspecified additional reel, C, is marked with a VarianceType of "ReceivedNotSpecified."

- GoodsReceiptStatusType = Original
- GoodsReceiptAcceptance
- GoodsReceivedWithVariance at Message level
- GoodsReceivedAsSpecified for GoodsReceiptLineItem 1
- GoodsReceivedWithVariance for GoodsReceiptLineItem 2
- GoodsReceivedWithVariance on those GoodsReceiptPackage items that are different from DeliveryMessage

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Scenario C

Message	Receipt
Business Scenario	<p>A GoodsReceipt is sent with multiple GoodsReceiptLineItem(s) where GoodsReceiptLineItem 1 was received without transit damage while GoodsReceiptLineItem 2 was received with transit damage.</p> <pre> sequenceDiagram participant ShipTo as ShipTo : SenderParty participant Supplier as Supplier : ReceiverParty participant Buyer as Buyer : ReceiverParty ShipTo->>Supplier: Receive GoodsReceipt() activate Supplier Supplier->>Buyer: Receive GoodsReceipt() activate Buyer Buyer-->>Supplier: BusinessAcknowledgement deactivate Buyer Supplier-->>ShipTo: BusinessAcknowledgement deactivate Supplier </pre>
Outcome	Buyer and Supplier Systems are updated to note receipt and record transit damage.
Initiator	ShipTo
Receiver	Buyer and/or Supplier
Trigger	Goods have been received and unloaded at ShipTo Location.
Step 1	<p>ShipTo party determines that the shipment is consistent with the DeliveryMessage for GoodsReceiptLineItem 1 but there is transit damage on GoodsReceiptLineItem 2</p> <ul style="list-style-type: none"> ShipTo party sets the GoodsReceiptAcceptance to "GoodsReceivedWithDamage" at the message level
Step 2	ShipTo Party sends out GoodsReceiptLineItem 1 with a GoodsReceiptAcceptance set to "GoodsReceivedAsSpecified"; no GoodsReceiptPackage is needed since the receipt on this item is consistent with the DeliveryMessage
Step3	ShipTo Party sends out GoodsReceiptLineItem 2 with a GoodsReceiptAcceptance set to "GoodsReceivedWithDamage"; GoodsReceiptPackage is required; these detail the actual identifiers and weights received; those GoodsReceiptPackage(s) that have the damage are marked "GoodsReceivedWithDamage"

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Step4	<p>Those items that have damage report the quantity of damage in InformationalQuantity with a QuantityTypeContext of "UnspecifiedDamage".</p> <ul style="list-style-type: none">• GoodsReceiptStatusType = Original• GoodsReceiptAcceptance• GoodsReceivedWithDamage at message level;• GoodsReceivedAsSpecified for GoodsReceiptLineItem 1• GoodsReceivedWithDamage for GoodsReceiptLineItem2• GoodsReceivedWithDamage for those GoodsReceiptPackage items that have the damage
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Scenario D

Message	GoodsReceipt
Business Scenario	<p>A GoodsReceipt is sent with multiple GoodsReceiptLineItem(s) where GoodsReceiptLineItem 1 was received with no variances and without transit damage while GoodsReceiptLineItem 2 was received with variances and with transit damage.</p> <pre> sequenceDiagram participant ShipTo as ShipTo : SenderParty participant Supplier as Supplier : ReceiverParty participant Buyer as Buyer : ReceiverParty ShipTo->>Supplier: Receive GoodsReceipt() activate Supplier Supplier->>Buyer: Receive GoodsReceipt() activate Buyer Buyer-->>Supplier: BusinessAcknowledgement deactivate Buyer Supplier-->>ShipTo: BusinessAcknowledgement deactivate Supplier </pre>
Outcome	Buyer and Supplier Systems are updated to note receipt and record transit damage.
Initiator	ShipTo
Receiver	Buyer and/or Supplier
Trigger	Goods have been received and unloaded at ShipTo Location.
Step 1	<p>ShipTo party determines that the shipment is consistent with the DeliveryMessage for GoodsReceiptLineItem 1 but the GoodsReceiptLineItem 2 has both transit damage and variance with the DeliveryMessage.</p> <ul style="list-style-type: none"> • In this example, one of the pallets, P, shipped in GoodsReceiptLineItem 2 had a DeliveryMessage quantity of 3000 kg and is actually weighed as only 1800 kg • An additional pallet, Q, has transit damage. • ShipTo party sets the GoodsReceiptAcceptance to "GoodsReceivedWithVarianceAndDamage" at the message level
Step 2	ShipTo Party sends out GoodsReceiptLineItem 1 with a GoodsReceiptAcceptance set to "GoodsReceivedAsIs"; GoodsReceiptPackage is not needed since the receipt on this item is consistent with the DeliveryMessage
Step3	ShipTo Party sends out GoodsReceiptLineItem 2 with a GoodsReceiptAcceptance set to "GoodsReceivedWithVarianceAndDamage"; GoodsReceiptPackage is required; these detail the actual identifiers and quantities received and quantity of transit damage; those GoodsReceiptPackage items that have variance or damage are

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	marked "GoodsReceivedWithVarianceAndDamage"
Step4	<p>Pallet P has a VarianceType of "DifferingWeights"; actual received quantity is specified</p> <ul style="list-style-type: none"> • Pallet Q reports the quantity of transit damage in InformationalQuantity with a QuantityTypeContext of "UnspecifiedDamage".
	<ul style="list-style-type: none"> • GoodsReceiptStatusType = Original
	<p>GoodsReceiptAcceptance</p> <ul style="list-style-type: none"> • GoodsReceivedWithVarianceAndDamage at message level; • GoodsReceivedAsSpecified for GoodsReceiptLineItem 1 • GoodsReceivedWithVarianceAndDamage for GoodsReceiptLineItem2 • GoodsReceivedWithVarianceAndDamage for those GoodsReceiptPackage items that have the damage and are at variance

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Scenario E

Message	GoodsReceipt
Business Scenario	<p>A GoodsReceipt is sent with multiple GoodsReceiptLineItem(s) where the entire Delivery is rejected because of transit damage.</p> <pre> sequenceDiagram participant S as ShipTo : SenderParty participant Sp as Supplier : ReceiverParty participant B as Buyer : ReceiverParty S->>Sp: Receive GoodsReceipt() Sp->>B: Receive GoodsReceipt() B->>S: BusinessAcknowledgement S-->>Sp: BusinessAcknowledgement </pre>
Outcome	Buyer and Supplier Systems are updated to record transit damage.
Initiator	ShipTo
Receiver	Buyer and/or Supplier
Trigger	Goods have been received and unloaded at ShipTo Location.
Step 1	<p>ShipTo party determines that the shipment can not be accepted because an incompatible vehicle can not be unloaded; the shipment is completely rejected.</p> <ul style="list-style-type: none"> • ShipTo party sets the GoodsReceiptAcceptance to "GoodsReceivedRejected" at the message level • GoodsReceivedRejectedType is set to WrongVehicleType
Step2	<p>ShipTo Party sends out GoodsReceiptLineItem 1 and 2 with a GoodsReceiptAcceptance set to "GoodsReceivedRejected"; GoodsReceiptPackage is not required</p> <ul style="list-style-type: none"> • GoodsReceiptStatusType = Original
	<p>GoodsReceiptAcceptance</p> <ul style="list-style-type: none"> • GoodsReceivedRejected at message level; • GoodsReceivedRejected for GoodsReceiptLineItem 1 • GoodsReceivedRejected for GoodsReceiptLineItem2 • GoodsReceivedRejectedType at message level • GoodsReceivedRejectedType for GoodsReceiptLineItem 1 • GoodsReceivedRejectedType for GoodsReceiptLineItem 2

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Scenario F

Message	GoodsReceipt
Business Scenario	<p>A GoodsReceipt is sent with multiple GoodsReceiptLineItem(s) where GoodsReceiptLineItem 1 is received as specified and GoodsReceiptLineItem 2 was rejected for transit damage.</p> <pre> sequenceDiagram participant ShipTo as ShipTo : SenderParty participant Supplier as Supplier : ReceiverParty participant Buyer as Buyer : ReceiverParty ShipTo->>Supplier: Receive GoodsReceipt() Supplier->>Buyer: Receive GoodsReceipt() Buyer-->>Supplier: BusinessAcknowledgement Supplier-->>ShipTo: BusinessAcknowledgement </pre>
Outcome	Buyer and Supplier Systems are updated to record received goods and transit damage.
Initiator	ShipTo
Receiver	Buyer and/or Supplier
Trigger	Goods have been received and unloaded at ShipTo Location.
Step 1	<p>ShipTo party determines that the shipment has a high degree of transit damage for GoodsReceiptLineItem 2 resulting in a rejection for Transit damage of that item</p> <ul style="list-style-type: none"> • GoodsReceiptLineItem 1 is received consistent with the DeliveryMessage. • ShipTo party sets the GoodsReceiptAcceptance to "GoodsReceivedWithDamage" at the message level
Step2	<p>ShipTo Party sends out GoodsReceiptLineItem 1 GoodsReceiptAcceptance set to "GoodsReceivedAsSpecified"; GoodsReceiptPackage is not required.</p>
Step3	<p>ShipTo Party sends out GoodsReceiptLineItem 2 GoodsReceiptAcceptance set to "GoodsReceivedRejected"; GoodsReceiptPackage is not required.</p> <ul style="list-style-type: none"> • GoodsReceivedRejectedType details why the goods were rejected, "ExcessiveTransitDamage".
	<ul style="list-style-type: none"> • GoodsReceiptStatusType = Original
	<p>GoodsReceiptAcceptance</p> <ul style="list-style-type: none"> • GoodsReceivedWithDamage at message level; • GoodsReceivedAsSpecified for GoodsReceiptLineItem 1 • GoodsReceivedRejected for GoodsReceiptLineItem2 • GoodsReceivedRejectedType for GoodsReceiptLineItem2

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Scenario G

Message	GoodsReceipt
Business Scenario	<p>A GoodsReceipt is sent that corrects an erroneous GoodsReceipt.</p> <pre> sequenceDiagram participant ShipTo as ShipTo : SenderParty participant Supplier as Supplier : ReceiverParty participant Buyer as Buyer : ReceiverParty Note over ShipTo: Receive GoodsReceipt() ShipTo->>Supplier: BusinessAcknowledgement Note over Supplier: Receive GoodsReceipt() Supplier->>Buyer: BusinessAcknowledgement Note over Buyer: Receive Replacement GoodsReceipt() Buyer->>ShipTo: BusinessAcknowledgement Note over ShipTo: Receive Replacement GoodsReceipt() ShipTo->>Buyer: BusinessAcknowledgement Note over Buyer: Receive Replacement GoodsReceipt() Buyer->>Supplier: BusinessAcknowledgement </pre>
Outcome	The Original GoodsReceipt Information is removed from the Buyer and Supplier Systems and is replaced by the Replacement GoodsReceipt Information.
Initiator	Ship To
Receiver	Buyer and/or Supplier
Preconditions	Goods were received and an Original Receipt was sent. The Receipt is in error and should be replaced.
Step 1	Ship To Party sends an "Original" GoodsReceipt that includes GoodsReceiptLineItem information.
Step 2	An error in the original GoodsReceipt is noted.
Step 3	<p>Ship To replaces the entire GoodsReceipt. GoodsReceiptStatusType is set to "Replaced". The new message contains full replacement information.</p> <ul style="list-style-type: none"> • In the GoodsReceiptReference, the ReferenceType attribute is set to "OriginalGoodsReceiptNumber". The element contains that number. • GoodsReceiptStatusType = Replaced • GoodsReceiptAcceptance • Relevant GoodsReceiptAcceptance at message level and GoodsReceiptLineItem level

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Scenario H

Message	GoodsReceipt
Business Scenario	<p>A GoodsReceipt is sent that cancels an erroneous GoodsReceipt.</p> <pre> sequenceDiagram participant S as ShipTo : SenderParty participant Sp as Supplier : ReceiverParty participant B as Buyer : ReceiverParty S->>Sp: Receive GoodsReceipt() activate Sp Sp-->>S: BusinessAcknowledgement deactivate Sp S->>B: Receive GoodsReceipt() activate B B-->>S: BusinessAcknowledgement deactivate B S->>Sp: Receive Cancelled GoodsReceipt() activate Sp Sp-->>S: BusinessAcknowledgement deactivate Sp S->>B: Receive Cancelled GoodsReceipt() activate B B-->>S: BusinessAcknowledgement deactivate B </pre>
Outcome	The Cancelled GoodsReceipt Information is removed from the Buyer and Supplier systems.
Message Initiator	Ship To
Message Receiver	Buyer and/or Supplier
Preconditions	Goods were received and an Original GoodsReceipt was sent. The GoodsReceipt is in error and should be cancelled.
Step 1	Ship To party sends an "Original" GoodsReceipt.
Step 2	An error in the original GoodsReceipt is noted.
Step 3	<p>Ship To party cancels with a cancellation GoodsReceipt: GoodsReceiptStatusType is set to "Cancelled". The new message contains no replacement information.</p> <ul style="list-style-type: none"> In the GoodsReceiptReference, the ReferenceType attribute is set to "OriginalGoodsReceiptNumber". The element contains that number.
StatusType	Cancelled
Receipt Acceptance	GoodsReceivedCancelled

