



papiNet

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

Book PurchaseOrder Documentation

Papinet Standard - Version 2.10

April 2003

ShippingInstructions Documentation - papiNet Standard - Version 2.10

Copyright

Copyright 2000 – 2002 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.

ShippingInstructions Documentation - papiNet Standard - Version 2.10

Table of Contents

Copyright	2
Use of Documents in papiNet Implementations	2
Additional Copyright Information	2
Message Documentation	5
The Shipping Instructions Message	5
Introduction.....	5
An Overview of the Shipping Instructions Message	5
The Scope of Shipping Instructions Message.....	5
ShippingInstructions Message Types	6
ShippingInstructions Business Rules.....	6
Business Rules for ShippingInstructions Message	6
Business Rules for ShippingInstructions Confirmation Message Type	7
Processing the ShippingInstructions Message.....	7
Status Values Used When Processing the CallOff Message.....	8
Overview of ShippingInstructions Message Structure	10
Overview of ShippingInstructions Schema Structure	11
Graphical Overview of ShippingInstructions Structure	12
ShippingInstructions Message Structure and Processing Logic	13
ShippingInstructions Root Element.....	14
ShippingInstructionsHeader	15
ByProduct.....	16
ByShipTo.....	16
ShippingInstructionsSummary	17
Common Definition References - Element.....	18
AdditionalText.....	18
BillToParty	18
BuyerParty	18
DeliveryDateWindow	19
OtherParty.....	19
Product	20
ReceiverParty.....	20
SenderParty.....	21
ShippingInstructionsInformation	21
ShippingInstructionsLineItemByProduct	22
ShippingInstructionsLineItemByShipTo	23
ShippingInstructionsPurchaseOrderLineItem	23
ShipToCharacteristics	24
SupplierParty	24
TermsAndDisclaimers	24
TotalInformationalQuantity	25
TotalNumberOfLineItems	25
TotalQuantity	25
TransportLoadingCharacteristics	26
TransportModeCharacteristics	26

ShippingInstructions Documentation - papiNet Standard - Version 2.10

TransportOtherInstructions	26
TransportUnitCharacteristics	27
TransportVehicleCharacteristics	27
Common Definition References - Attributes	28
referenceType	28
ShippingInstructionsHeaderStatusType	34
ShippingInstructionsLineItemStatusType.....	34
ShippingInstructionsReferenceType	35
ShippingInstructionsStatusType	36
ShippingInstructionsType.....	36
statusType.....	36
ShippingInstructions Business Use Cases	37
Listing of Business Use Cases	37
Scenario A.....	38
Scenario B.....	39
Scenario C.....	40
Scenario D.....	41
Use Case E	42
Scenario F	43

ShippingInstructions Documentation - papiNet Standard - Version 2.10

Message Documentation

The Shipping Instructions Message

Introduction

This document is designed for use within the Book Manufacturing Industry, consisting of publishers, printers, and component suppliers. It is based upon the standard papiNet CallOff Message, but customized to fit the Book Manufacturing Industry usage. It will be useful to become acquainted with certain papiNet documents such as the Data Dictionary and Business Process. These can be found at the papiNet site, <http://www.papinet.org>.

An Overview of the Shipping Instructions Message

The ShippingInstructions message communicates delivery information for product(s) supported by a purchase order. After a buyer sends a seller a purchase order, the buyer could send shipping instructions when notified the goods are ready to ship by an InitialShipmentAdvice type of DeliveryMessage, or when the shipment details for the product are finalized.

The line item in the shipping instructions message is either by Product, when one product is being sent to multiple locations, or by Ship To when multiple products are being sent to the same location. Each line item in the ShippingInstructions message refers either to a product included in a purchase order or to a product contained in a line item of a purchase order.

The ShippingInstructions message specifies delivery locations, schedule(s), and quantities for the product(s) in the purchase order. The schedule may define a specific date and/or time for delivery or include a time range (defined by date and/or time).

When the product(s) are actually shipped the seller would send a DeliveryMessage to the buyer.

The Scope of Shipping Instructions Message

The shipping instructions message may include:

- Products and quantities to be delivered
- Requested delivery date and time
- Ship-to party
- Means of transport
- Carrier party

ShippingInstructions Documentation - papiNet Standard - Version 2.10

ShippingInstructions Message Types

There are three types of shipping instructions message:

- ShippingInstructionsRouting: Sent by the buyer party (such as the customer or publisher to specify delivery schedule(s), transportation information, and quantities for the product(s) in the purchase order.
- Shipping Instructions Packaging: Sent by the buyer party to specify packing information for the product(s) for example, quantities per carton and pallet type.
- ShippingInstructions Confirmation
 - ✧ Sent by the seller party in response to a ShippingInstructions message, to confirm the delivery schedule and product quantities.
 - ✧ This message is not mandatory.

ShippingInstructions Business Rules

The following tables list the business rules that apply to each call-off message type. There are no general rules that apply to both message types. For the purposes of this discussion the term "ShippingInstructions line item" refers to either the ByProduct or ByShipTo elements.

Business Rules for ShippingInstructions Message

Reference	Rule
SHIP001	A ShippingInstructions message has to have one or more ShippingInstructions line items.
SHIP002	A ShippingInstructions message has transport characteristics in a one-to-one relationship with the ShipToParty. See business rule SHIP006.
SHIP003	A ShippingInstructions message must specify one DeliverySchedule for each ShippingInstructions line item.
SHIP004	The DeliverySchedule must specify at least one ShippingInstructions item quantity
SHIP005	A ShippingInstructions line item must specify either a PurchaseOrderLineItem from an existing PurchaseOrder or specify a Product.
SHIP006	Each ShippingInstructions line item must specify transport characteristics.
SHIP007	A buyer can issue a ShippingInstructions cancellation to the seller.

ShippingInstructions Documentation - papiNet Standard - Version 2.10

Business Rules for ShippingInstructions Confirmation Message Type

Reference	Rule
SHIP008	The ShippingInstructions Confirmation message mirrors the ShippingInstructions message—in other words: ShippingInstructions by Product is confirmed using the ShippingInstructions Product element. ShippingInstructions PurchaseOrderLineItem is confirmed using the ShippingInstructions PurchaseOrderLineItem.
SHIP009	The ShippingInstructions – ShippingInstructions Confirmation messaging loop is closed by a message containing a status of Accepted at the document, header, and line item levels.

Processing the ShippingInstructions Message

The buyer sends the first shipping instructions message, which can then be accepted, amended, cancelled, or rejected by the seller via a shipping instructions confirmation. Subsequent shipping instructions messages can be sent by the buyer with the seller responding using a shipping instructions confirmation. It is not mandatory to respond with a shipping instructions confirmation.

Notes:

- A buyer can include delivery schedule(s) for the product(s) either in a shipping instructions message or in the purchase order itself.
- While a shipping instructions message does not need to refer to a purchase order, a purchase order must exist for the seller to apply the delivery to. A ShippingInstructions message cannot be used as a PurchaseOrder.
- When sending ShippingInstructions by product a purchase order must have been sent to the supplier prior to the shipping instructions message as the supplier must have a purchase order in order to carry out the delivery.

Message processing depends on the message type and on the values of status attributes at the message, header, and line item levels. The status at the message level determines the possible statuses at the header and line item levels.

The buyer has the option of including delivery schedule details in a purchase order or in the optional shipping instructions message that follows. For the original shipping instructions message from the buyer to the seller, the statuses at message, header, and line item level are all set to "Original".

The seller or seller representative then responds with a shipping instructions confirmation message. If the seller accepts the shipping instructions and sets

ShippingInstructions Documentation - papiNet Standard - Version 2.10

the status at all three levels to "Accepted", that shipping instructions confirmation message ends the shipping instructions messaging loop.

However, the seller may also send back a shipping instructions confirmation message with a status of "Amended" because of an amendment at the line item level. Alternatively, the seller may reject the shipping instructions request as a whole or send back a message with the status of "Accepted" but a line item that is either pending or rejected. In any of these cases, the shipping instructions confirmation message would end with the buyer sends back a shipping instructions message with the status of "Accepted" at every level.

The buyer can also resend a shipping instructions message with the status of "Amended" or "Cancelled". In this case, the shipping instructions messaging loop ends when the seller sends back a shipping instructions confirmation message with the status of "Accepted" at all three levels.

If, when sending a shipping instructions message, the buyer or seller wishes to communicate that nothing has changed in a portion of the message then a ShippingInstructionsStatusType of "NoAction" may be used. The "NoAction" status is used to support the sending of the entire message, for context, while communicating that certain aspects have not changed. The "NoAction" status is not available at the message level (the root, level).

Status Values Used When Processing the CallOff Message

Level	Attribute	Value
Message	Shipping-Instructions-StatusType	<p>Original – Indicates that this is the first transmission of the CallOff message.</p> <p>Accepted – Indicates that either the buyer or the seller has accepted the conditions in the previous message in the loop. It is possible, however, for an individual line item to be rejected or pending in this situation.</p> <p>Amended – Indicates that the buyer wants to amend a previous ShippingInstructions message or that either the buyer or seller is amending the conditions in the previous message in the loop.</p> <p>Cancelled – Indicates that the buyer wants to cancel the ShippingInstructions message.</p> <p>Rejected – Indicates that either the buyer or seller is rejecting the conditions in the previous message in the loop.</p>

ShippingInstructions Documentation - papiNet Standard - Version 2.10

If the status of the ShippingInstructionsStatusType attribute is "Original", then the status in both the ShippingInstructionsHeaderStatusType and ShippingInstructionsLineItemStatusType attributes is also "Original".

If the status in the ShippingInstructionsStatusType Field is "Accepted", then the status in the ShippingInstructionsHeaderStatusType and ShippingInstructionsLineItemStatusType fields can be:

- "Accepted" – Indicates that the buyer or seller accepts either the header or line item.
- "Rejected" (only at the line item level) – Indicates that the buyer or seller rejects the conditions specified at the header or line item level.

If the status in the ShippingInstructionsStatusType attribute is "Amended", then the status in the ShippingInstructionsHeaderStatusType and ShippingInstructionsLineItemStatusType fields can be:

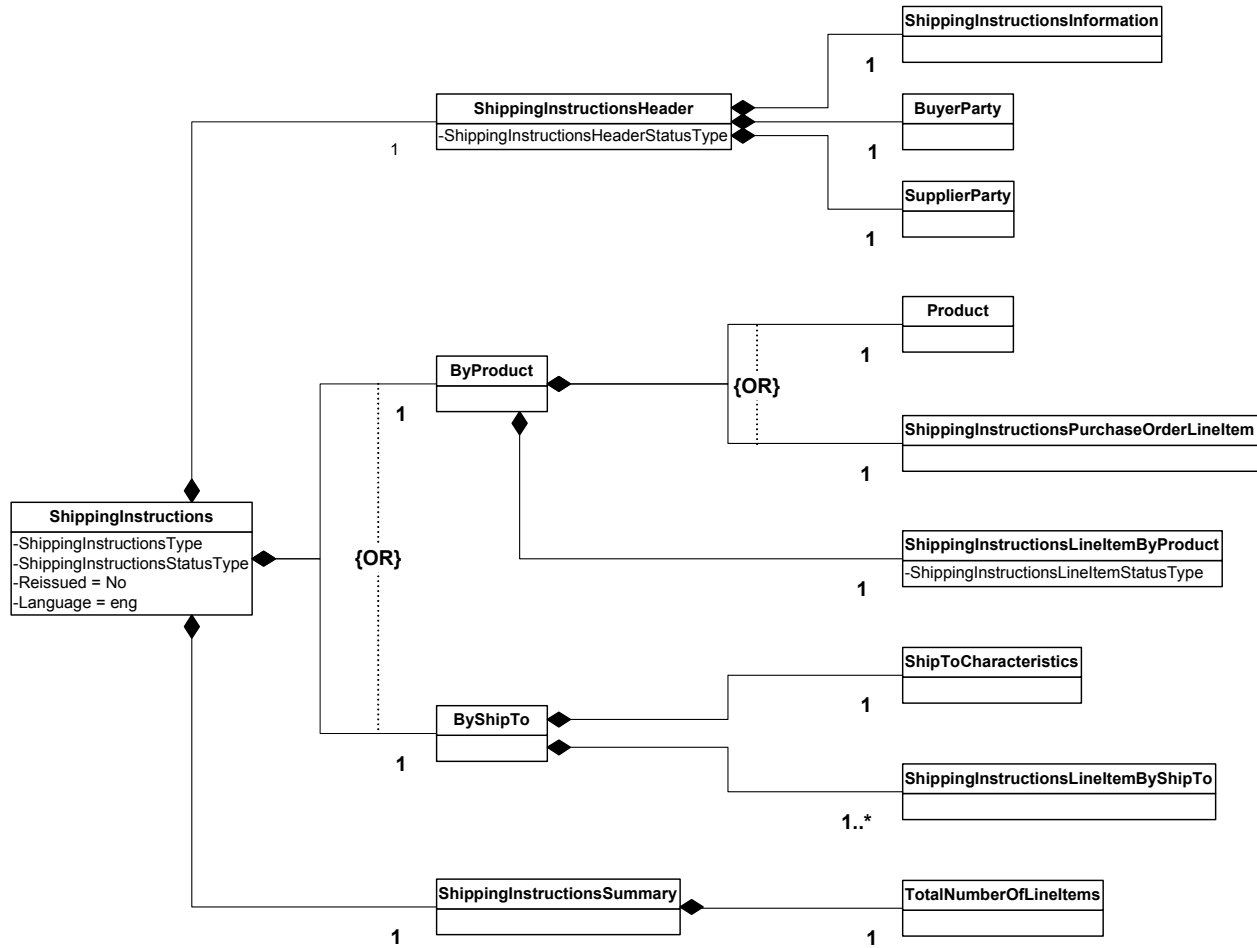
- "Accepted" – Indicates that the buyer or seller accepts either the header or line item.
- "Amended" – Indicates that either the buyer or seller has changes to the header or line item.
- "Rejected" (only at the line item level) – Indicates that the buyer or seller rejects the conditions specified at the header or line item level.
- "NoAction" – Indicates that nothing has changed at either the header or line-item level.

If the status in the ShippingInstructionsStatusType attribute is "Cancelled", then the status in both the ShippingInstructionsStatusType and ShippingInstructionsLineItemStatusType fields is "Cancelled".

If the status in the ShippingInstructionsStatusType attribute is "Rejected", then the status in both the ShippingInstructionsHeaderStatusType and ShippingInstructionsLineItemStatusType is "Rejected".

ShippingInstructions Documentation - papiNet Standard - Version 2.10

Overview of ShippingInstructions Message Structure



An abridged version of the UML diagram for the ShippingInstructions is shown above. This diagram illustrates the relationship between key elements in the message.

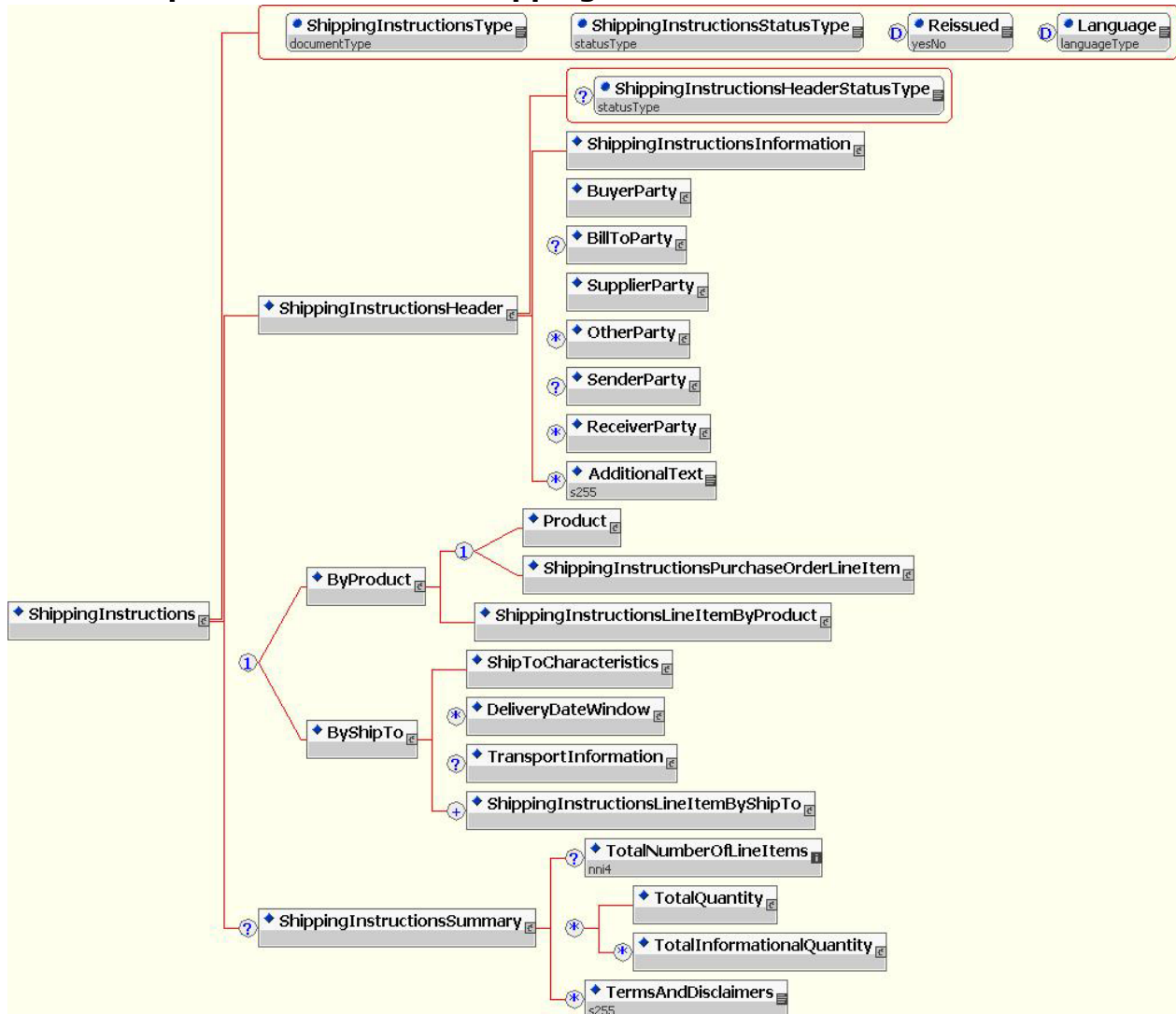
ShippingInstructions Documentation - papiNet Standard - Version 2.10

Overview of ShippingInstructions Schema Structure

		Type	Required	Occurrence
ShippingInstructions		Root		
	@ShippingInstructionsType	Attribute	Required	Single
	@ShippingInstructions StatusType	Attribute	Required	Single
	@Reissued	Attribute	Optional	Single
	@Language	Attribute	Optional	Single
	ShippingInstructionsHeader	Element	Required	Single
	@ShippingInstructionsStatusType	Attribute	Required	Single
	ShippingInstructions Information	Element	Required	Single
	BuyerParty	Element	Required	Single
	BillToParty	Element	Optional	Single
	SupplierParty	Element	Required	Single
	OtherParty	Element	Optional	Multiple
	SenderParty	Element	Optional	Single
	ReceiverParty	Element	Optional	Multiple
	AdditionalText	Element	Optional	Multiple
	ByProduct	Element	Conditional	Single
OR	Product	Element	Required	Single
	ShippingInstructionsPurchaseOrderLineItem	Element	Required	Single
	ShippingInstructionsLineItemByProduct	Element	Required	Single
	@ShippingInstructionsLineItemStatusType	Attribute	Required	Single
	ShippingInstructionsLineItemNumber	Element	Required	Single
	ShippingInstructionsReference	Element	Optional	Multiple
	ShipToInformation	Element	Required	Multiple
	ShipToCharacteristics	Element	Required	Single
	DeliverySchedule	Element	Optional	Single
	AdditionalText	Element	Optional	Multiple
OR	ByShipTo	Element	Conditional	Single
	ShipToCharacteristics	Element	Required	Single
	DeliveryDateWindow	Element	Required	Multiple
	TransportInformation	Element	Optional	Single
	ShippingInstructionsLineItemByShipTo	Element	Required	Multiple
	@ShippingInstructionsLineItemStatusType	Attribute	Required	Single
	ShippingInstructionsLineItemNumber	Element	Required	Single
	ShippingInstructionsReference	Element	Optional	Multiple
	OR			
	Product	Element	Required	Single
	ShippingInstructionsPurchaseOrderLineItem	Element	Required	Single
	DeliverySchedule	Element	Optional	Multiple
	AdditionalText	Element	Optional	Multiple
	ShippingInstructionsSummary	Element	Optional	Single
	TotalNumberOfLineItems	Element	Optional	Single
	TotalQuantity	Element	Optional	Multiple
	TotalInformationalQuantity	Element	Optional	Multiple
	TermsAndDisclaimers	Element	Optional	Multiple

ShippingInstructions Documentation - papiNet Standard - Version 2.10

Graphical Overview of ShippingInstructions Structure



ShippingInstructions Documentation - papiNet Standard - Version 2.10

ShippingInstructions Message Structure and Processing Logic

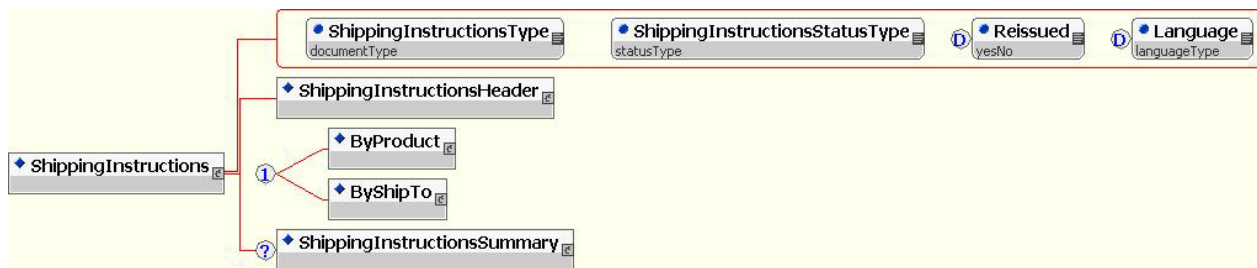
This section provides a detailed graphical view of the ShippingInstructions Schema structure; the ShippingInstructions root element, the ShippingInstructionsHeader, the ByProduct or ByShipTo and the ShippingInstructionsSummary. Discussions of the subordinates to ShippingInstructions can be found in the 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 ShippingInstructions 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

ShippingInstructions Documentation - papiNet Standard - Version 2.10

ShippingInstructions Root Element



ShippingInstructions contains the following attributes:

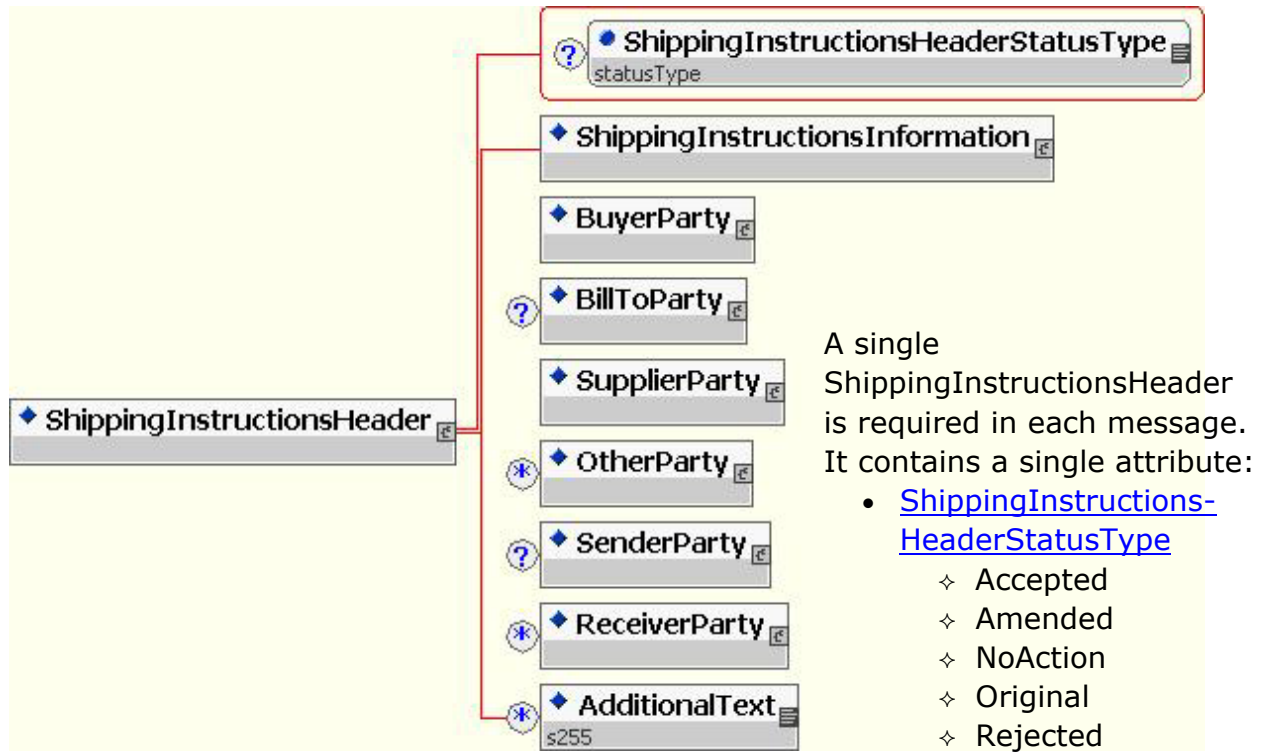
- [ShippingInstructionsType](#)
 - ✧ ShippingInstructionsConfirmation
 - ✧ ShippingInstructionsPackaging
 - ✧ ShippingInstructionsRouting
- [ShippingInstructionsStatusType](#)
 - ✧ Accepted
 - ✧ Amended
 - ✧ Cancelled
 - ✧ Original
 - ✧ Rejected
- [Reissued](#), indicates if this ShippingInstructions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

Elements:

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

ShippingInstructions Documentation - papiNet Standard - Version 2.10

ShippingInstructionsHeader



ShippingInstructionsHeader has the following elements:

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

ShippingInstructions Documentation - papiNet Standard - Version 2.10

ByProduct



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

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

And then the following element:

- [ShippingInstructionsLineItemByProduct](#)

ByShipTo

ByShipTo contains the following elements:

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

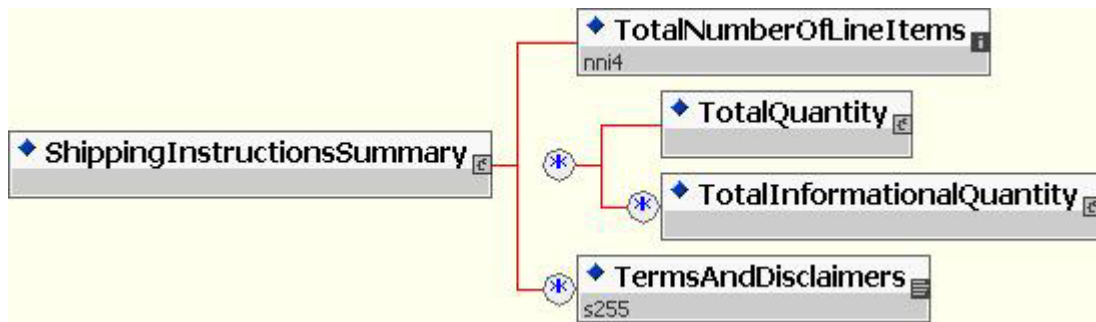


ShippingInstructionsLineItemByShipTo has a required attribute that indicates the status of the line item:

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

ShippingInstructions Documentation - papiNet Standard - Version 2.10

ShippingInstructionsSummary



ShippingInstructionsSummary contains the following elements:

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

ShippingInstructions Documentation - papiNet Standard - Version 2.10

Common Definition References - Element

AdditionalText

A text field that is used to communicate information not previously defined or for special instructions. To be used only for circumstances not covered by specific elements. This element is repeatable and limited to the number of characters that would normally fit across a page.

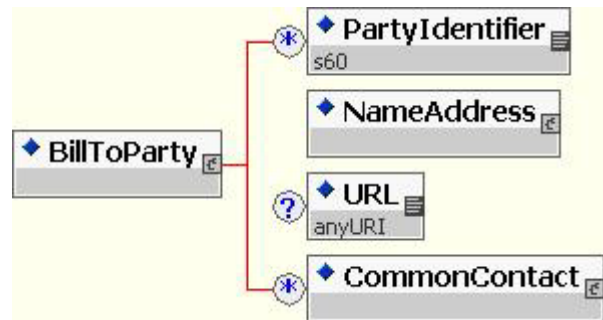


BillToParty

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](#)



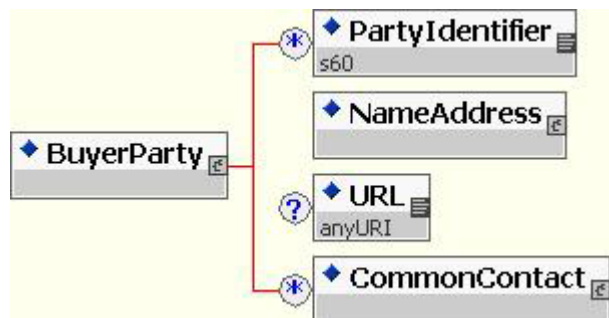
Refer to [Party](#) for additional information

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

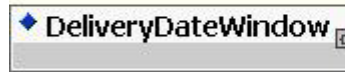
ShippingInstructions Documentation - papiNet Standard - Version 2.10

DeliveryDateWindow

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

DeliveryDateWindow contains the following attribute:

- [DeliveryDate-Type](#)



When defining the elements for DeliveryDateWindow a choice of:

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

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

ShippingInstructions Documentation - papiNet Standard - Version 2.10

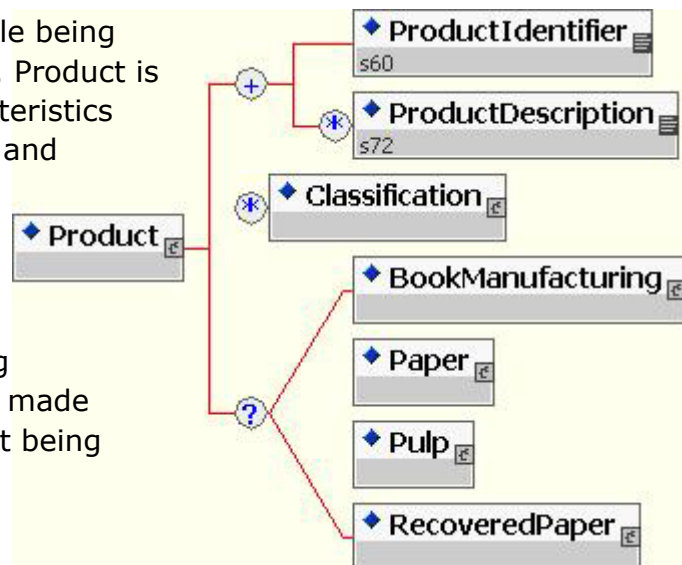
Product

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.

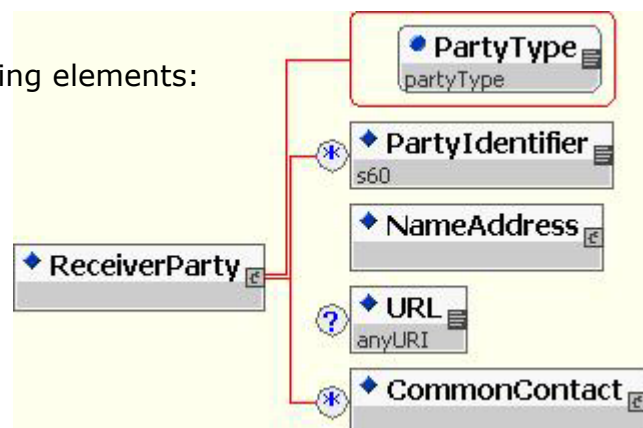
ReceiverParty

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.



ShippingInstructions Documentation - papiNet Standard - Version 2.10

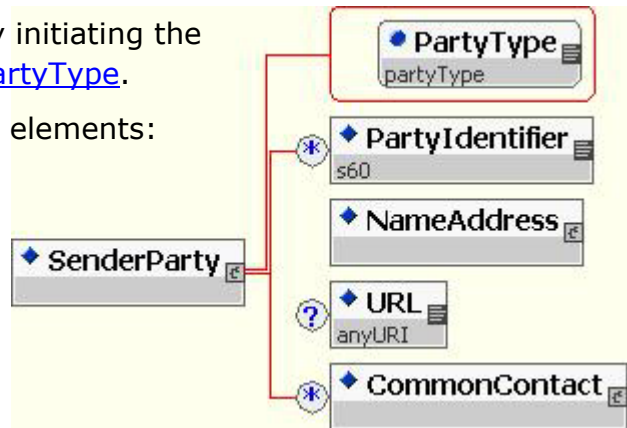
SenderParty

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

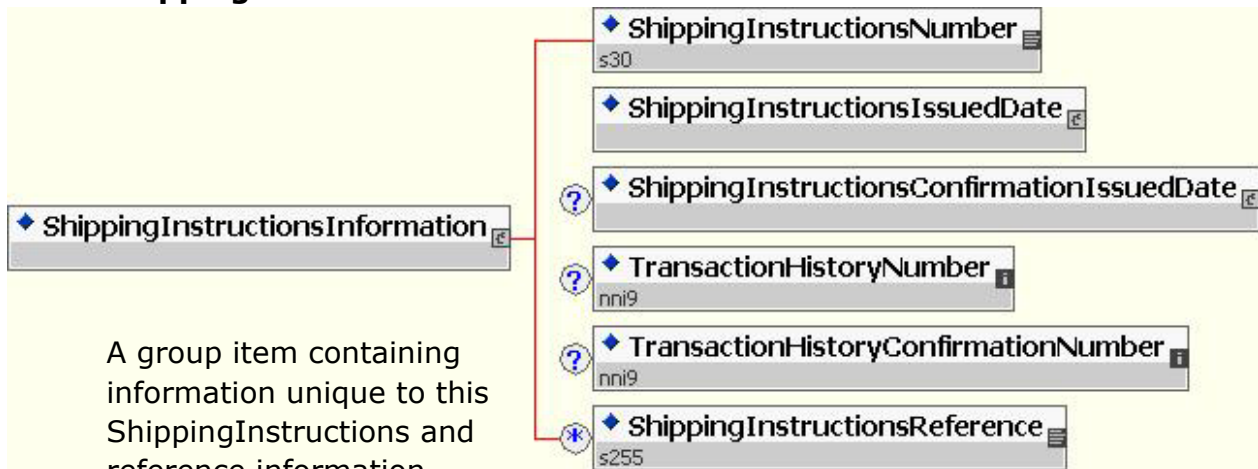
SenderParty contains the following elements:

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

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



ShippingInstructionsInformation



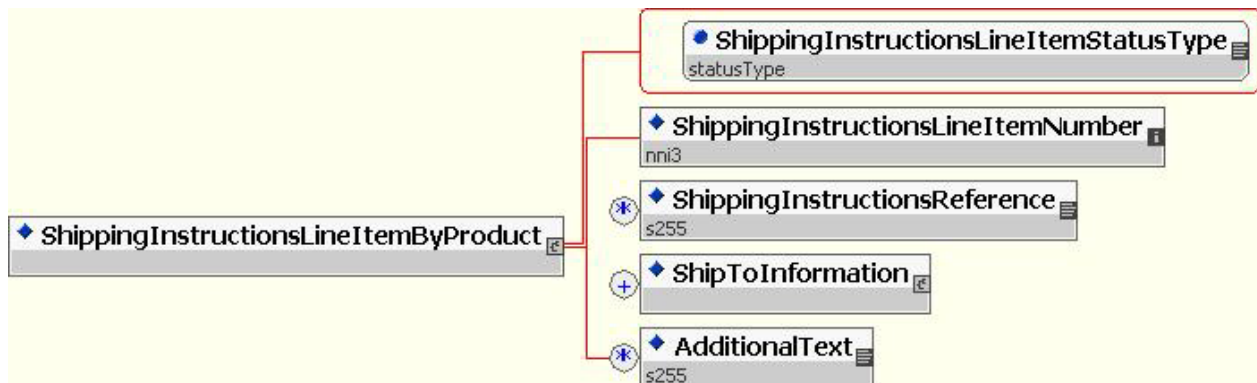
A group item containing information unique to this ShippingInstructions and reference information used to identify the product to be shipped

ShippingInstructionsInformation contains the following elements:

- ShippingInstructionsNumber
- ShippingInstructionsIssuedDate
- ShippingInstructionsConfirmationIssuedDate
- TransactionHistoryNumber
- ShippingInstructionsReference

ShippingInstructions Documentation - papiNet Standard - Version 2.10

ShippingInstructionsLineItemByProduct



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

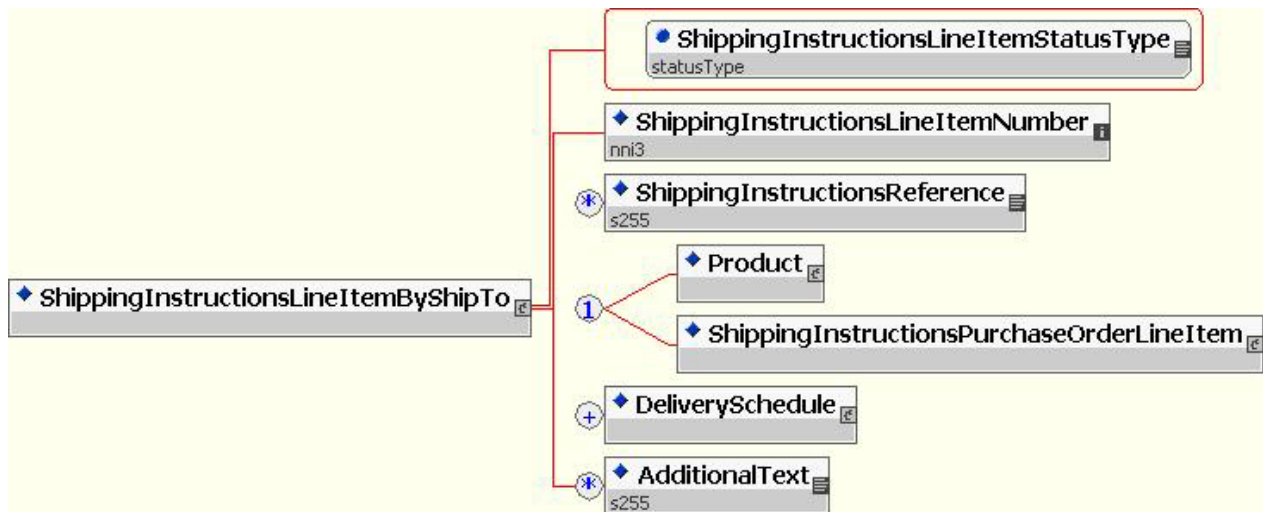
- ShippingInstructionsLineItemStatusType
 - ◇ Accepted
 - ◇ Amended
 - ◇ Cancelled
 - ◇ NoAction
 - ◇ Original
 - ◇ Pending

ShippingInstructionsLineItemByProduct contains the following elements:

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

ShippingInstructions Documentation - papiNet Standard - Version 2.10

ShippingInstructionsLineItemByShipTo



ShippingInstructionsLineItemByShipTo contains the following elements:

- ShippingInstructionsLineItemNumber
- ShippingInstructionsReference

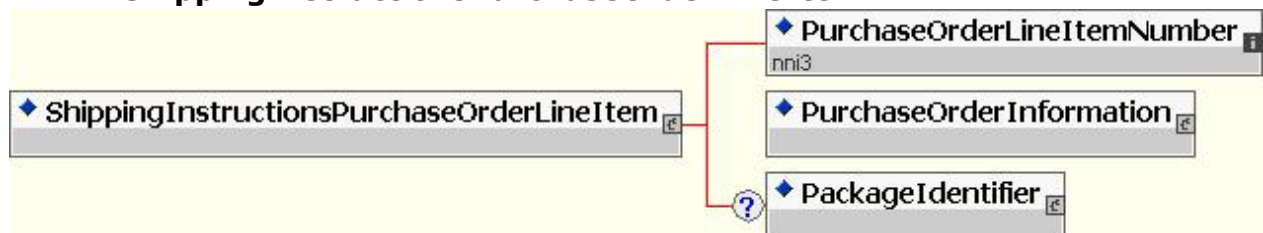
A choice of one of either of the two elements is required:

- Product
- ShippingInstructionsPurchaseOrderLineItem

And then the following elements:

- DeliverySchedule
- AdditionalText

ShippingInstructionsPurchaseOrderLineItem



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

ShippingInstructionsPurchaseOrderLineItem contains the following elements:

- PurchaseOrderLineItemNumber
- PurchaseOrderInformation
- PackageIdentifier

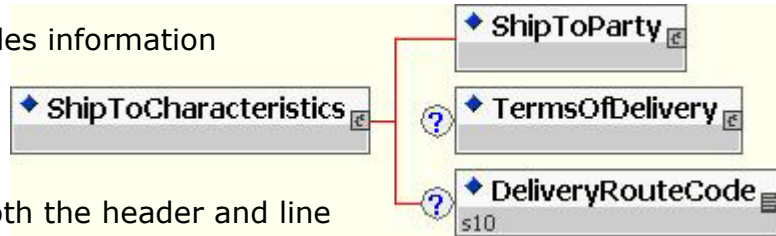
ShippingInstructions Documentation - papiNet Standard - Version 2.10

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](#)

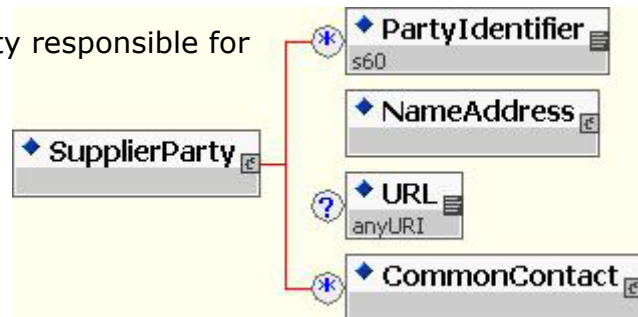


SupplierParty

The organisation or business entity responsible for providing the product.

SupplierParty contains the following elements:

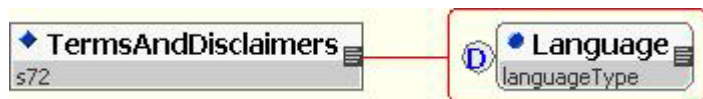
- [PartyIdentifier](#)
- [NameAddress](#)
- [URL](#)
- [CommonContact](#)



Refer to [Party](#) for additional information

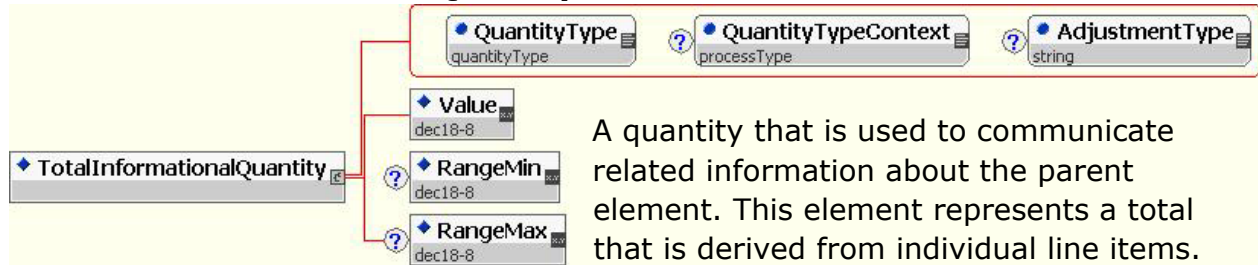
TermsAndDisclaimers

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



ShippingInstructions Documentation - papiNet Standard - Version 2.10

TotalInformationalQuantity



TotalInformationalQuantity contains the following attributes:

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

TotalInformationalQuantity contains the following elements:

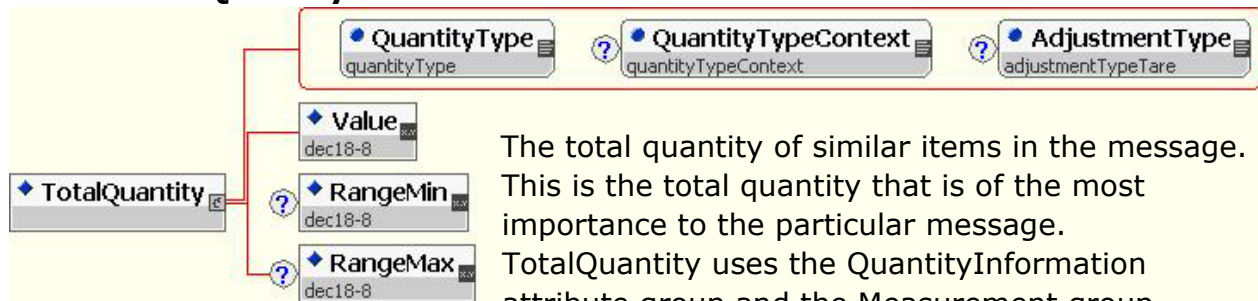
- [Value](#)
- [RangeMin](#)
- [RangeMax](#)

TotalNumberOfLineItems

The total number of individual line items in the message.



TotalQuantity



(element grouping).

TotalQuantity uses the following attributes:

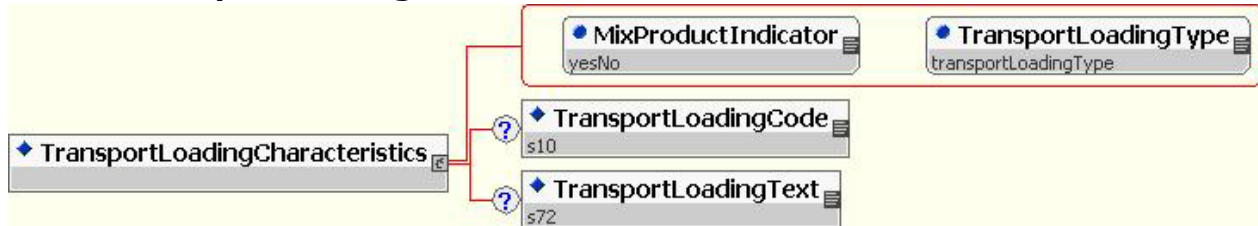
- [QuantityType](#)
- [QuantityTypeContext](#)
- [AdjustmentType](#)

TotalQuantity uses the following elements:

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

ShippingInstructions Documentation - papiNet Standard - Version 2.10

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

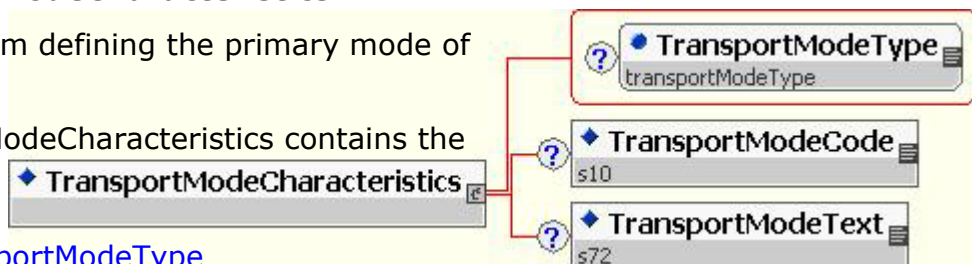
A group item defining the primary mode of transport.

TransportModeCharacteristics contains the following attribute:

- [TransportModeType](#)

TransportModeCharacteristics contains the following elements:

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

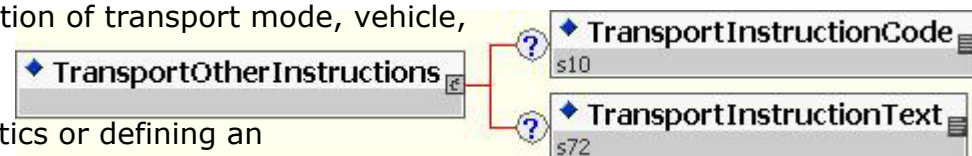


TransportOtherInstructions

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](#)



ShippingInstructions Documentation - papiNet Standard - Version 2.10

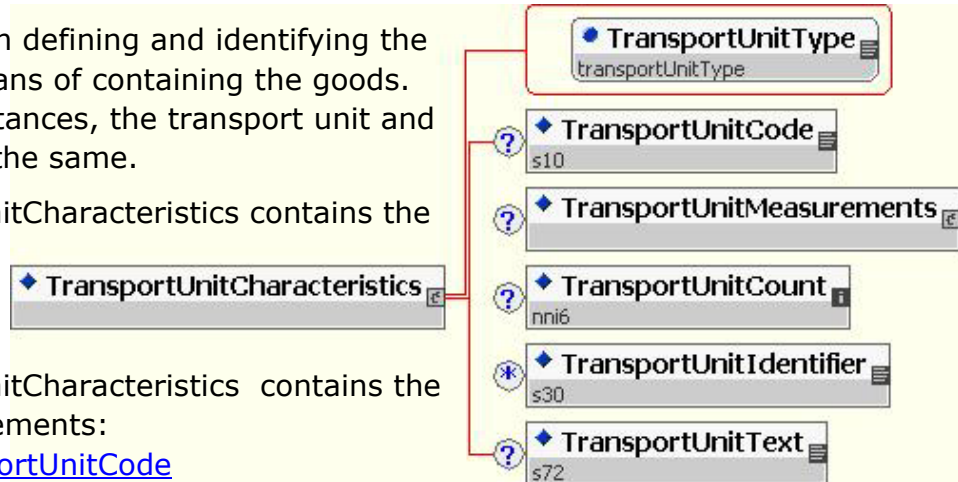
TransportUnitCharacteristics

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.

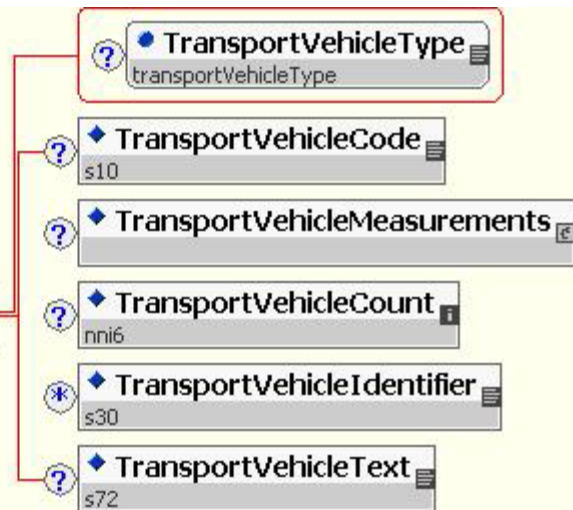
TransportVehicleCharacteristics



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](#)



ShippingInstructions Documentation - papiNet Standard - Version 2.10

Common Definition References - Attributes

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
- 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

ShippingInstructions Documentation - papiNet Standard - Version 2.10

of lading is a legal document that lists all the products that are being transported.

- **BookLanguage** – Language of the text of the book.
- **BuyerBudgetCenter** – Buyers internal cost-centre identifier.
- **BuyerClaimNumber** – A number assigned by the buyer to track their claim.
- **BuyerDivisionIdentifier** – Buyer’s internal division identifier.
- **BuyerImprint** – Identifies which publisher’s imprint to which this product belongs.
- **BuyerRetailPrice** – Cover price of the finished product.
- **CallOffLineItemNumber** – The specific line item number for the Call-Off.
- **CallOffNumber** - The unique reference number given to a call-off message. The call-off number of a previously sent call-off message can be referenced. For example, a seller can refer to a call-off number in a delivery message.
- **CIMNumber** - The unique reference number given to an international freight document for rail transport.
- **CMRNumber** - The unique reference number given to an international freight document for road transport.
- **ComplaintNumber** – The reference number associated with a complaint.
- **ComplaintResponseNumber** – The reference number associated with a complaint response.
- **ContractLineNumber** - A particular line number of a contract. Note: To reference a contract line number, the seller or buyer must include a clear reference to the corresponding contract elsewhere in the message.
- **ContractNumber** - The unique reference number given to a mutual commercial/trading agreement between a buyer and a seller. The agreement can cover a quote, a bid, a contract, pricing, invoicing, and/or payment terms.
- **ConvertingReportNumber** – An identifier used to communicate which converting report is being referred to.
- **Copyright** – The year of publication copyright.
- **CreditDebitNoteNumber** – The number of the referenced Credit or Debit Note.
- **CustomerBookingNumber** – The customer’s number for the transit booking used to reference lines to be co-loaded on the same transport.
- **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.

ShippingInstructions Documentation - papiNet Standard - Version 2.10

- **CustomerReferenceNumber** - A unique informational reference number passed on from the buyer to the seller. This number is meaningful only to the buyer.
- **DeliveryBookingNumber** - A number issued by the customer to schedule deliveries at their site.
- **DeliveryLocation** - The location to which product is to be delivered.
- **DespatchInformationNumber** -
- **DespatchInstructionNumber** - The unique reference number of the despatch instruction document. For example the despatch instructions sent from the mill to the warehouse.
- **Edition** - Buyer's description of the version of the product edition. For example in book manufacturing values might be 2nd, Texas, Revised.
- **EndCallOffDate** - The last date that a call-off can be placed.
- **FormType** - type of printed signature. For book manufacturing, could be web, sheet, folded and gathered sig.
- **FromPurchaseOrderNumber** - The purchase order that is used as the source of information.
- **GoodsReceiptNumber** - The number of the goods receipt transaction that is being referred to.
- **IndentOrderNumber** - A unique reference number given to an order, which is to be delivered directly to the buyer's own customer (typically a paper merchant). The reference value is passed from the buyer to the seller and the information content is meaningful only to the buyer.
- **InitialShipmentAdviceNumber** - The unique reference number given to an initial shipment advice message. The number of a previously sent initial shipment advice message can be referenced. For example, a seller can refer to an initial shipment advice number in a delivery message.
- **IntraStatNumber** The unique reference number given to product groups by the international authority Intrastat for statistical purposes. This number must be on the invoice when importing or exporting goods.
- **ISBN10** - 10 digit ISBN code without dashes
- **ISBN10Dash** - 10 digit ISBN code with dashes
- **ISBN13** - 13 digit ISBN code.
- **ISODocumentReference** -- A unique ISO 9002 / 9001 document identifier.
- **IssueEvent** - A task, or other type of event, related to the creation of an issue of a publication.
- **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).

ShippingInstructions Documentation - papiNet Standard - Version 2.10

- **LotIdentifier** – A unique code used to identify a grouping of product with one set of quality statistics common to all members of that group.
- **MarketplaceReferenceNumber** – A number used by the marketplace to identify the information.
- **MasterBillOfLading** - The unique reference number given to a master bill of lading document, which contains multiple bills of lading. This is a legal document given to the carrier that transports the goods to multiple customers, each of which then receive a unique bill of lading document.
- **MasterContractNumber** – Contract number that is broader in terms of doing business between partners which for the book industry may, or may not include pricing.
- **MillOrderLineItemNumber** – The line number associated with the Mill Order Number.
- **MillOrderNumber** - The unique reference number created by the mill to identify a specific lot of paper with the same paper characteristics. This number may be used to identify a mill's internal order number, corresponding to all, or part of a buyer's purchase order.
- **MillSalesOfficeNumber** – The number used to identify the Mill's sales office.
- **OrderPartyReferenceNumber** – Reference number of the original order party.
- **OriginalComplaintResponseNumber** - Reference number of the original ComplaintResponse.
- **OriginalDeliveryNumber** - The unique reference number given to a delivery message number sent previously that has been replaced in the meantime.
- **OriginalGoodsReceiptNumber** – The original unique identifier of the GoodsReceipt that is to be replaced.
- **OriginalInvoiceNumber** - The unique reference number given to an invoice message number sent previously that has been replaced in the meantime.
- **OriginalPurchaseOrderNumber** - The unique reference number given to a purchase order message number sent previously that has been replaced (through amendment or cancellation) in the meantime.
- **OriginalUsageNumber** – The unique reference number given to a usage message previously sent that has been replaced (through amendment or cancellation) in the meantime.
- **Other** - Used for any other reference that is not covered by this attribute list.
- **PackageNumber** - The unique reference number given to a manufacturer's product packaging designation.
- **PriceContractNumber** – Contract number that is specific to pricing.

ShippingInstructions Documentation - papiNet Standard - Version 2.10

- **PriceList** – The number used to identify the price list.
- **PrintingNumber** – Buyer’s reference to the sequential print run number.
- **PubName** – The publication name.
- **PubNumber** – The publication number.
- **PupilsTeachers** – Description of the pupils/teachers edition specific to educational book products.
- **PurchaseOrderLineItemNumber** – a sequential number that uniquely identifies the purchase order line item.
- **PurchaseOrderNumber** - The unique reference number given to a purchase order message. The purchase order number of a previously sent order can be referenced. For example, a seller can refer to a purchase order number in an invoice message.
- **ReleaseNumber** - The unique sequential number given to the release of a reservation order, a contract, or a blanket order. Note: To reference a release number, the buyer or seller must have clearly referenced the corresponding purchase order elsewhere in the message.
- **RFQLineItemNumber** – The number used to identify the RFQ line item.
- **RFQNumber** – The identifier of the RFQ. Usually provided when opening a purchase order that is derived from a request for quote (RFQ).
- **RunNumber** - The unique reference number given to a paper-manufacturing slot on the mill production line (for example, paper machine or sheet cutter). Paper for several orders is manufactured in one run before resetting the machines for new manufacturing results.
- **SchoolGrade** – Grade level indicator of the book product, specific to educational text books such as grade 3. (K=Kindergarten, 1 through 12, CO=College)
- **SchoolGradeLevel** – Further definition of the Grade level of the book product, specific to educational text books such as grade 3 level A.
- **ShippingInstructionsLineItemNumber** – Line number reference of the shipping instruction for book shipments.
- **ShippingInstructionsNumber** – Sequential message number of the shipping instruction.
- **SpecificationReferenceNumber** – Buyer’s version number of the book specification.
- **StockOrderNumber** - The unique reference number given to an order, which is to be delivered to the buyer’s designated stock location (typically a paper merchant). The reference value is passed from the buyer to the supplier and the information content is meaningful only to the buyer.

ShippingInstructions Documentation - papiNet Standard - Version 2.10

- **SupplierCallOffNumber** – A number assigned by the supplier to the call-off created by the customer.
- **SupplierClaimNumber** – The number assigned by the supplier to identify a claim.
- **SupplierReferenceNumber** - The unique reference number created by the seller in response to a purchase order. This number, sent in the seller's order confirmation message, can correspond to all or part of a mill order number versus a run number.
- **SupplierVoyageNumber** - The unique seller's reference number (own internal code) given to a voyage, not the port authority's number.
- **Title** – Proper title of a book product.
- **TitleAlias** – Buyer supplied title description for book products, usually used for security purposes.
- **ToPurchaseOrderNumber** – The destination of purchase order information.
- **UniversalProductIdentifier** – Unique identifier for the book, component of a book product, and many other products.
- **UsageNumber** – The number used to identify the Usage activity being referred to.
- **VendorReferenceNumber** – A unique number created by the Vendor for the information.
- **WarehouseDeliveryNumber** – Alternate delivery number when the warehouse uses secondary documents to manage despatch, e.g. Third Party managed warehouse with their own system.

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.

ShippingInstructions Documentation - papiNet Standard - Version 2.10

ShippingInstructionsHeaderStatusType

Used in:

- ShippingInstructionsHeader

Choices:

- Accepted
- Amended
- NoAction
- Original
- Replaced

ShippingInstructionsLineItemStatusType

Used in:

- ShippingInstructionsLineItem

Choices:

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

ShippingInstructions Documentation - papiNet Standard - Version 2.10

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

ShippingInstructions Documentation - papiNet Standard - Version 2.10

ShippingInstructionsStatusType

Used in:

- ShippingInstructions

Choices:

- Accepted
- Amended
- Cancelled
- Original
- Rejected

ShippingInstructionsType

Used in:

- ShippingInstructions

Choices:

- ShippingInstructionsPackaging
- ShippingInstructionsRouting
- ShippingInstructionsConfirmation

statusType

Acts as a flag indicating what processing may be required.

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

ShippingInstructions Documentation - papiNet Standard - Version 2.10

ShippingInstructions Business Use Cases

Listing of Business Use Cases

<u>Scenario A</u>	Original ShippingInstructions from Buyer, accepted by Supplier
<u>Scenario B</u>	Original ShippingInstructions from Buyer, amended by Supplier, amendments accepted by Buyer.
<u>Scenario C</u>	Original ShippingInstructions from Buyer, ShippingInstructions line item rejected by Supplier, rejection accepted by Buyer.
<u>Scenario D</u>	Original ShippingInstructions from Buyer, pending status returned by Supplier, accepted status subsequently sent by Supplier.
<u>Scenario E</u>	Amendment to a ShippingInstructions Header details sent by Buyer, Amendment accepted by Supplier.
<u>Scenario F</u>	Amendment to a ShippingInstructions by Buyer, Supplier amends Buyer's amendment, which is accepted by the Buyer.

ShippingInstructions Documentation - papiNet Standard - Version 2.10

Scenario A

Message	ShippingInstructions
Business Scenario	<p>Original ShippingInstructions from Buyer, accepted by Supplier</p> <pre> sequenceDiagram participant Buyer as : BuyerParty participant Supplier as : SupplierParty Buyer->>Supplier: Receive ShippingInstructions Supplier-->>Buyer: BusinessAcknowledgement Buyer->>Supplier: Receive ShippingInstructionsConfirmation Supplier-->>Buyer: BusinessAcknowledgement </pre>
Outcome	ShippingInstructions is entered into the Supplier's system
Initiator	Buyer
Receiver	Supplier
Preconditions	This Use Case assumes the Buyer has previously sent a PurchaseOrder to the Supplier and the Supplier has already Accepted the order.
Trigger	None
Step 1	<p>Buyer sends an original ShippingInstructions to the Supplier</p> <p>Statuses sent within the message:</p> <ul style="list-style-type: none"> • ShippingInstructionsStatusType = "Original" • ShippingInstructionsHeaderStatusType = "Original" • ShippingInstructionsLineItemStatusType = "Original"
Step 2	<p>Supplier responds with a ShippingInstructionsConfirmation.</p> <p>Statuses sent within the message:</p> <ul style="list-style-type: none"> • ShippingInstructionsStatusType = "Accepted" • ShippingInstructionsHeaderStatusType = "Accepted" • ShippingInstructionsLineItemStatusType = "Accepted"

ShippingInstructions Documentation - papiNet Standard - Version 2.10

Scenario B

Message	ShippingInstructions
Business Scenario	<p>Original ShippingInstructions from Buyer, amended by Supplier, amendments accepted by Buyer</p> <pre> sequenceDiagram participant Buyer as : BuyerParty participant Supplier as : SupplierParty Buyer->>Supplier: ShippingInstructions Supplier-->>Buyer: BusinessAcknowledgement Buyer->>Supplier: Receive ShippingInstructionsConfirmation with Modifications() Supplier-->>Buyer: BusinessAcknowledgement Buyer->>Supplier: Receive ShippingInstructionsConfirmation() Supplier-->>Buyer: BusinessAcknowledgement </pre>
Outcome	ShippingInstructions is entered into the Supplier's system. Buyer's system is updated to reflect Supplier changes.
Initiator	Buyer
Receiver	Supplier
Preconditions	This Use Case assumes the Buyer has previously sent a PurchaseOrder to the Supplier and the Supplier has already Accepted the order.
Trigger	None
Step 1	<p>Buyer sends an original ShippingInstructions to the Supplier</p> <p>Statuses sent within the message:</p> <ul style="list-style-type: none"> ShippingInstructionsStatusType = "Original" ShippingInstructionsHeaderStatusType = "Original" ShippingInstructionsLineItemStatusType = "Original"
Step 2	<p>Supplier responds with a ShippingInstructionsConfirmation with amended line item(s).</p> <p>Statuses sent within the message:</p> <ul style="list-style-type: none"> ShippingInstructionsStatusType = "Amended" ShippingInstructionsHeaderStatusType = "Accepted" ShippingInstructionsLineItemStatusType = "Amended"
Step 3	<p>Buyer responds with a ShippingInstructions, accepting the amended line item(s).</p> <p>Statuses sent within the message:</p> <ul style="list-style-type: none"> ShippingInstructionsStatusType = "Accepted" ShippingInstructionsHeaderStatusType = "Accepted" ShippingInstructionsLineItemStatusType = "Accepted"

ShippingInstructions Documentation - papiNet Standard - Version 2.10

Scenario C

Message	ShippingInstructions
Business Scenario	<p>Original ShippingInstructions from Buyer, Shipping-Instructions rejected by Supplier, rejection accepted by Buyer.</p> <pre> sequenceDiagram participant Buyer as : BuyerParty participant Supplier as : SupplierParty Buyer->>Supplier: Receive ShippingInstructions() Supplier-->>Buyer: BusinessAcknowledgement Buyer->>Supplier: Receive Rejected ShippingInstructionsConfirmation() Supplier-->>Buyer: BusinessAcknowledgement Buyer->>Supplier: Receive ShippingInstructionsConfirmation() Supplier-->>Buyer: BusinessAcknowledgement </pre>
Outcome	ShippingInstructions line item(s) is rejected (not entered) by the Supplier's system. Buyer's system is updated to reflect rejected line item(s).
Initiator	Customer
Receiver	Supplier
Preconditions	This Use Case assumes the Buyer has previously sent a PurchaseOrder to the Supplier and the Supplier has already Accepted the order.
Trigger	None
Step 1	<p>Buyer sends an original ShippingInstructions to the Supplier</p> <p>Statuses sent within the message:</p> <ul style="list-style-type: none"> ShippingInstructionsStatusType = "Original" ShippingInstructionsHeaderStatusType = "Original" ShippingInstructionsLineItemStatusType = "Original"
Step 2	<p>Supplier responds with a ShippingInstructionsConfirmation with Rejected line item(s).</p> <p>Statuses sent within the message:</p> <ul style="list-style-type: none"> ShippingInstructionsStatusType = "Amended" ShippingInstructionsHeaderStatusType = "Accepted" ShippingInstructionsLineItemStatusType = "Rejected"
Step 3	<p>Buyer responds with a ShippingInstructions, accepting the rejected line item(s).</p> <p>Statuses sent within the message:</p> <ul style="list-style-type: none"> ShippingInstructionsStatusType = "Accepted" ShippingInstructionsHeaderStatusType = "Accepted" ShippingInstructionsLineItemStatusType = "Accepted"

ShippingInstructions Documentation - papiNet Standard - Version 2.10

Scenario D

Message	ShippingInstructions
Business Scenario	<p>Original ShippingInstructions from Buyer, pending status returned by Supplier, accepted status sent by Supplier.</p> <pre> sequenceDiagram participant Buyer as : BuyerParty participant Supplier as : SupplierParty Buyer->>Supplier: Receive ShippingInstructions() Supplier-->>Buyer: BusinessAcknowledgement Buyer->>Supplier: Receive Pending ShippingInstructionsConfirmation() Supplier-->>Buyer: BusinessAcknowledgement Buyer->>Supplier: Receive ShippingInstructionsConfirmation() Supplier-->>Buyer: BusinessAcknowledgement </pre>
Outcome	ShippingInstructions is entered into the Supplier's system.
Initiator	Buyer
Receiver	Supplier
Preconditions	This Use Case assumes the Buyer has previously sent a PurchaseOrder to the Supplier and the Supplier has already Accepted the order.
Trigger	None
Step 1	<p>Buyer sends an original ShippingInstructions to the Supplier</p> <p>Statuses sent within the message:</p> <ul style="list-style-type: none"> ShippingInstructionsStatusType = "Original" ShippingInstructionsHeaderStatusType = "Original" ShippingInstructionsLineItemStatusType = "Original"
Step 2	<p>Supplier responds with a ShippingInstructionsConfirmation with one or more line item(s) pending confirmation.</p> <p>Statuses sent within the message:</p> <ul style="list-style-type: none"> ShippingInstructionsStatusType = "Amended" ShippingInstructionsHeaderStatusType = "Accepted" ShippingInstructionsLineItemStatusType = "Pending"
Step 3	<p>Supplier later responds with a ShippingInstructionsConfirmation, accepting the pending line item(s).</p> <p>Statuses sent within the message:</p> <ul style="list-style-type: none"> ShippingInstructionsStatusType = "Accepted" ShippingInstructionsHeaderStatusType = "Accepted" ShippingInstructionsLineItemStatusType = "Accepted"

ShippingInstructions Documentation - papiNet Standard - Version 2.10

Use Case E

Message	ShippingInstructions
Business Scenario	<p>Amendment to a ShippingInstructions Header details sent by Customer, Amendment accepted by Supplier</p> <pre> sequenceDiagram participant Buyer as : BuyerParty participant Supplier as : SupplierParty Buyer->>Supplier: Receive ShippingInstructions activate Supplier Supplier-->>Buyer: BusinessAcknowledgement deactivate Supplier Buyer->>Supplier: Receive ShippingInstructionsConfirmation activate Supplier Supplier-->>Buyer: BusinessAcknowledgement deactivate Supplier </pre>
Outcome	ShippingInstructions amendments are entered into the Supplier's system.
Initiator	Buyer
Receiver	Supplier
Preconditions	<p>This Use Case assumes :</p> <p>The Buyer has previously sent a PurchaseOrder to the Supplier and the Supplier has already accepted the order.</p> <p>The Customer has previously sent a ShippingInstructions to the Supplier</p>
Trigger	Customer amends ShippingInstructions Header details
Step 1	<p>Buyer sends a ShippingInstructions to the Supplier with amended Header details</p> <p>Statuses sent within the message:</p> <ul style="list-style-type: none"> • ShippingInstructionsStatusType = "Amended" • ShippingInstructionsHeaderStatusType = "Amended" • ShippingInstructionsLineItemStatusType = "Accepted"
Step 2	<p>Supplier responds with a ShippingInstructionsConfirmation with Accepted Header.</p> <p>Statuses sent within the message:</p> <ul style="list-style-type: none"> • ShippingInstructionsStatusType = "Accepted" • ShippingInstructionsHeaderStatusType = "Accepted" • ShippingInstructionsLineItemStatusType = "Accepted"

ShippingInstructions Documentation - papiNet Standard - Version 2.10

Scenario F

Message	ShippingInstructions
Business Scenario	<p>Amendment to a ShippingInstructions by Buyer, Supplier amends Customers amendment, which is accepted by the Customer</p> <pre> sequenceDiagram participant Buyer as : BuyerParty participant Supplier as : SupplierParty Buyer->>Supplier: Receive ShippingInstructions Supplier-->Buyer: BusinessAcknowledgement Buyer->>Supplier: Receive ShippingInstructionsConfirmation with Modifications() Supplier-->Buyer: BusinessAcknowledgement Buyer->>Supplier: Receive ShippingInstructionsConfirmation() Supplier-->Buyer: BusinessAcknowledgement </pre>
Outcome	Amended ShippingInstructions is entered into the Supplier's system.
Initiator	Buyer
Receiver	Supplier
Preconditions	<p>This Use Case assumes:</p> <ul style="list-style-type: none"> The Buyer has previously sent a PurchaseOrder to the Supplier and the Supplier has already accepted the order. The Buyer has previously sent a ShippingInstructions to the Supplier
Trigger	Buyer amends ShippingInstructions Header details
Step 1	<p>Buyer sends a ShippingInstructions to the Supplier with amended Header details</p> <p>Statuses sent within the message:</p> <ul style="list-style-type: none"> ShippingInstructionsStatusType = "Amended" ShippingInstructionsHeaderStatusType = "Amended" ShippingInstructionsLineItemStatusType = "Accepted"
Step 2	<p>Supplier responds with a ShippingInstructionsConfirmation with further amendments to the Header details</p> <p>Statuses sent within the message:</p> <ul style="list-style-type: none"> ShippingInstructionsStatusType = "Amended" ShippingInstructionsHeaderStatusType = "Amended" ShippingInstructionsLineItemStatusType = "Accepted"

ShippingInstructions Documentation - papiNet Standard - Version 2.10

Step 3	Buyer responds with a ShippingInstructions, accepting the amended header details. Statuses sent within the message: <ul style="list-style-type: none">• ShippingInstructionsStatusType = "Accepted"• ShippingInstructionsHeaderStatusType = "Accepted"• ShippingInstructionsLineItemStatusType = "Accepted"
---------------	--