



papiNet

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

Order Confirmation Documentation

Papinet Standard - Version 2.10

April 2003

Order Confirmation Documentation - papiNet Standard - Version 2.10

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Message Documentation

The Order Confirmation Message

An Overview of the Order Confirmation Message

A seller sends an order confirmation message to a buyer after receiving a purchase order message from that buyer. The message contains a response to the conditions specified in the purchase order. A supplier may also send an order confirmation message to convey changes that the supplier has made in the order or to convey new information such as a Supplier Reference Number or Job Number.

The Scope of Order Confirmation Message

The order confirmation message can include:

- Confirmation or adjustment to the preceding purchase order message
- The supplier can suggest alternative products only when there has been prior agreement with the buyer

OrderConfirmation Message Types

The OrderConfirmation does not have any special message types associated with it.

Order Confirmation Business Rules

General OrderConfirmation Business Rules

The following table lists the business rules that apply to an order confirmation message. For more information about the statuses mentioned in the rules, see the section on processing the order confirmation message.

Reference	Rule
ORC001	An OrderConfirmation message must contain a status type at the document, header, and line item levels.
ORC002	The OrderConfirmation document status must be Accepted, Amended, Cancelled, or Rejected.
ORC003	The OrderConfirmationHeader status must be Accepted, Amended, NoAction, Pending, or Rejected.
ORC004	An OrderConfirmationLineItem status must be communicated. If the status of a line item is Pending this message will be followed up by at least one other OrderConfirmation message ultimately resulting in the status of the line item being either Accepted or Rejected.
ORC005	An OrderConfirmation message refers to only one PurchaseOrder.

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Reference	Rule
ORC006	An OrderConfirmation message must have all the PurchaseOrderLineItem(s) from the original PurchaseOrder message.
ORC007	If the seller rejects information in the PurchaseOrderHeader, the OrderConfirmation document status will be set to Rejected. The seller must include a reason for the rejection in the OrderConfirmationHeaderStatusTypeText field.
ORC008	If the seller rejects information in a PurchaseOrderLineItem, the OrderConfirmationLineItem status will be set to Rejected. The seller must include a reason for the rejection in the OrderConfirmationLineItemStatusTypeText field.
ORC009	All purchase orders must be responded to with an OrderConfirmation.

Processing the Order Confirmation Message

Message processing depends on the message type and on the values in status fields at the message, header, and line item levels. For the order confirmation message, there is only one message type. There are, however, status fields at all three levels. The status at the message level determines the possible statuses at the header and line item levels.

A seller must send an order confirmation message in response to each purchase order received. The status set at the message level of the order confirmation message indicates whether the seller has accepted the purchase order as a legal commitment between the two parties. The status set at the header level indicates whether the seller understands and agrees with the information communicated at the header level, while the statuses set at the line item level indicate whether the seller has committed to providing the line item(s) under the terms defined.

If the seller wants to accept a purchase order but request a change at the line item level, the status set at the message level and header level would be "Accepted", while the status set at the line item level would be "Amended".

Notes:

- Some buyers will cancel the purchase order unless the seller sends an order confirmation message within a specified timeframe. The defined time frame is the ValidityPeriod construct within the Purchase Order.
- When the order confirmation is sent to a party other than the original buyer the pricing information can be removed from the message before transmission.
- The seller can give purchase order line items the status of "Rejected", "Pending", or "NoAction" in the order confirmation message, even though the overall purchase order and other line items are accepted.

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After sending an order confirmation message with the status of "Accepted", a seller may need to change details of the agreement at either the header or line item level. Examples of details that might need to change include price, diameter, manufacturing locations, delivery window, shipping instructions, core specifications, or shipment mode. When changes are necessary, the seller sends another order confirmation message, this time with the status of "Amended" at the message level as well as at the header and/or line item level.

Note: The seller should reach agreement with the buyer on these changes before sending the amended message.

Status Values Used When Processing the OrderConfirmation Message

Level	Attribute	Value
Message	OrderConfirmation-StatusType	Accepted – Indicates that the purchase order is accepted as a binding commitment under the conditions included in this message. Rejected – Indicates that the purchase order is not accepted. Amended – Indicates that the seller has made changes to the conditions under which the seller will fulfil a previously accepted purchase order.

If the OrderConfirmationStatusType is "Accepted", OrderConfirmation-HeaderStatusType and OrderConfirmationLineItemStatusType can be any of the following:

- "Accepted" – The seller has accepted all elements in the OrderConfirmationHeader or OrderConfirmationLineItem.
- "Rejected" (only at the line item level) – The seller has rejected one or more elements in the OrderConfirmationLineItem.
- Whenever the OrderConfirmationHeaderStatusType is "Rejected", the message as a whole must also have a status of "Rejected".
- "Amended" – The seller has amended one or more elements in the OrderConfirmationHeader or OrderConfirmationLineItem.
- "NoAction" – The seller has not amended the OrderConfirmationHeader or OrderConfirmationLineItem and therefore no action is necessary.
- "Pending" – The seller cannot confirm one or more elements in the OrderConfirmationHeader or OrderConfirmationLineItem.

If the OrderConfirmationStatusType is "Rejected" then OrderConfirmation-HeaderStatusType and OrderConfirmationLineItemStatusType must also be set to "Rejected". The purchase order is not in the seller's system.

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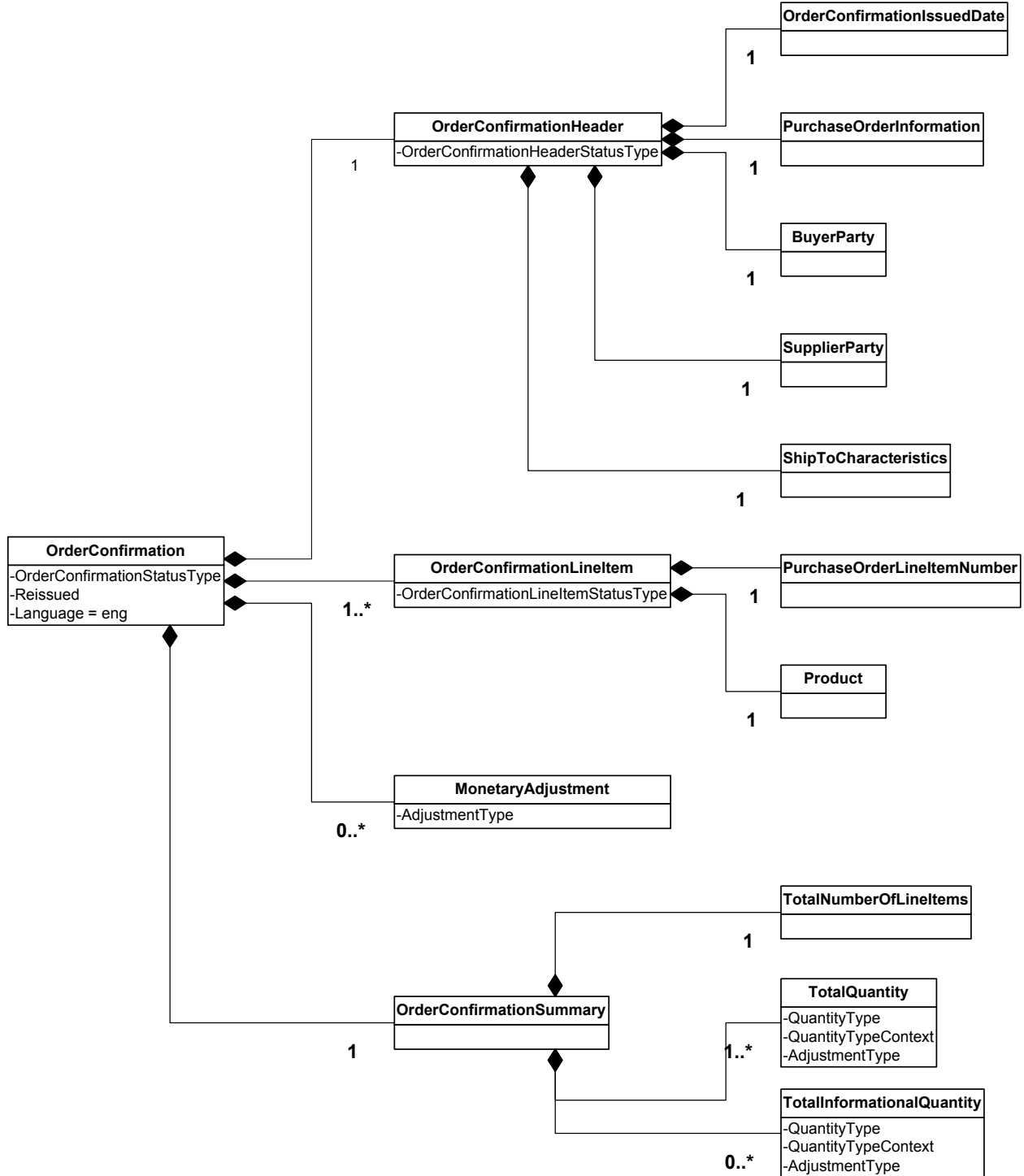
If the OrderConfirmationStatusType is "Amended" then OrderConfirmation-HeaderStatusType and OrderConfirmationLineItemStatusType can be any of the following:

- "Amended" – The seller has amended one or more elements in the OrderConfirmationHeader or OrderConfirmationLineItem.
- "NoAction" – The seller has not amended the OrderConfirmationHeader or OrderConfirmationLineItem and therefore no action is necessary.
- "Rejected" – The seller has rejected one or more elements in the OrderConfirmationHeader or OrderConfirmationLineItem.

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Graphical Overviews of the OrderConfirmation Message

High-level UML Diagram of Order Confirmation Message



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Overview of OrderConfirmation Structure

OrderConfirmation	Root			
@OrderConfirmationStatusType	Attribute	Required	Single	
@Reissued	Attribute	Optional	Single	
@Language	Attribute	Optional	Single	
OrderConfirmationHeader	Element	Required	Single	
@OrderConfirmationHeaderStatusType	Attribute	Required	Single	
OrderConfirmationHeaderStatusTypeText	Element	Optional	Single	
OrderConfirmationIssuedDate	Element	Required	Single	
TransactionHistoryNumber	Element	Optional	Single	
TransactionHistoryConfirmationNumber	Element	Optional	Single	
PurchaseOrderInformation	Element	Required	Single	
OrderConfirmationReference	Element	Optional	Multiple	
BuyerParty	Element	Required	Single	
BillToParty	Element	Optional	Single	
SupplierParty	Element	Required	Single	
OtherParty	Element	Optional	Multiple	
SenderParty	Element	Optional	Single	
ReceiverParty	Element	Optional	Multiple	
ShipToCharacteristics	Element	Required	Single	
TransportModeCharacteristics	Element	Optional	Single	
TransportVehicleCharacteristics	Element	Optional	Single	
TransportUnitCharacteristics	Element	Optional	Single	
TransportLoadingCharacteristics	Element	Optional	Single	
TransportOtherInstructions	Element	Optional	Multiple	
AdditionalText	Element	Optional	Multiple	
OrderConfirmationLineItem	Element	Required	Multiple	
@OrderConfirmationLineItemStatusType	Attribute	Required	Single	
OrderConfirmationLineItemStatusTypeText	Element	Optional	Single	
PurchaseOrderLineItemNumber	Element	Required	Single	
Product	Element	Required	Single	
OrderConfirmationReference	Element	Optional	Multiple	
PriceDetails	Element	Optional	Single	
MonetaryAdjustment	Element	Optional	Multiple	
DeliveryDestination	Element	Optional	Single	
DeliveryOrigin	Element	Optional	Single	
MillProductionInformation	Element	Optional	Single	
ProductionStatus	Element	Optional	Single	
Quantity	Element	Optional	Single	
InformationalQuantity	Element	Optional	Multiple	
OtherDate	Element	Optional	Multiple	
or ShipToCharacteristics	Element	Optional	Single	
ShipmentMethodOfPayment	Element	Optional	Single	
OtherParty	Element	Optional	Multiple	
TransportModeCharacteristics	Element	Optional	Single	
TransportVehicleCharacteristics	Element	Optional	Single	
TransportUnitCharacteristics	Element	Optional	Single	
TransportLoadingCharacteristics	Element	Optional	Single	
TransportOtherInstructions	Element	Optional	Multiple	
DeliverySchedule	Element	Optional	Multiple	
GeneralLedgerAccount	Element	Optional	Single	
AdditionalText	Element	Optional	Multiple	
MonetaryAdjustment	Element	Optional	Multiple	
OrderConfirmationSummary	Element	Required	Single	
TotalNumberOfLineItems	Element	Optional	Single	
TotalQuantity	Element	Optional	Multiple	

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TotalInformationalQuantity	Element	Optional	Multiple
LineItemSubTotal	Element	Optional	Single
TotalAdjustments	Element	Optional	Single
TotalAmount	Element	Required	Single
TotalTaxAmount	Element	Optional	Single
TotalNetAmount	Element	Optional	Single
InformationalAmount	Element	Optional	Multiple
TermsOfPayment	Element	Optional	Multiple
TotalNetOfTermsDiscount	Element	Optional	Multiple
AdditionalText	Element	Optional	Multiple
TermsAndDisclaimers	Element	Optional	Multiple

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OrderConfirmation Message – Structure and Processing Logic

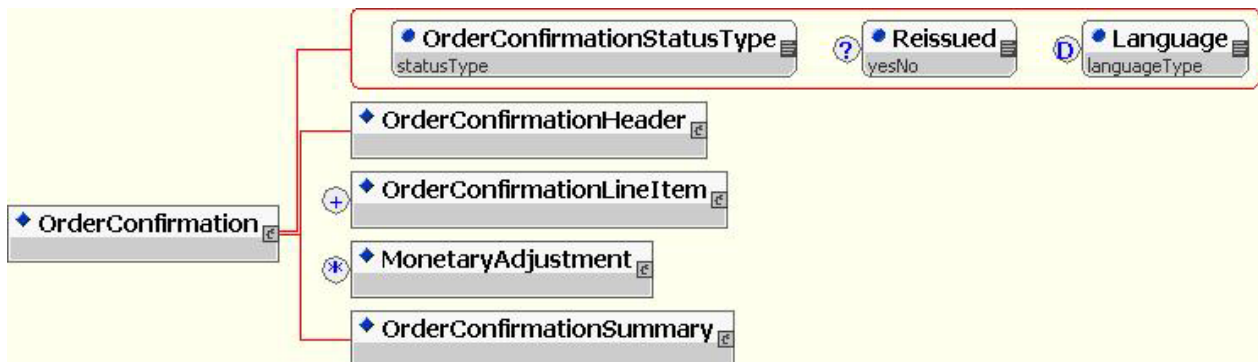
This section provides a detailed graphical view of the OrderConfirmation Schema structure; the OrderConfirmation root element, the OrderConfirmationHeader, the OrderConfirmationLineItem, MonetaryAdjustment and the OrderConfirmationSummary. Discussions of the subordinates to OrderConfirmation can be found 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 OrderConfirmation 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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OrderConfirmation Root



The OrderConfirmation document contains the following attributes:

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

OrderConfirmation contains the following elements:

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

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OrderConfirmationHeader

Required, single instance

Contains the following attribute:

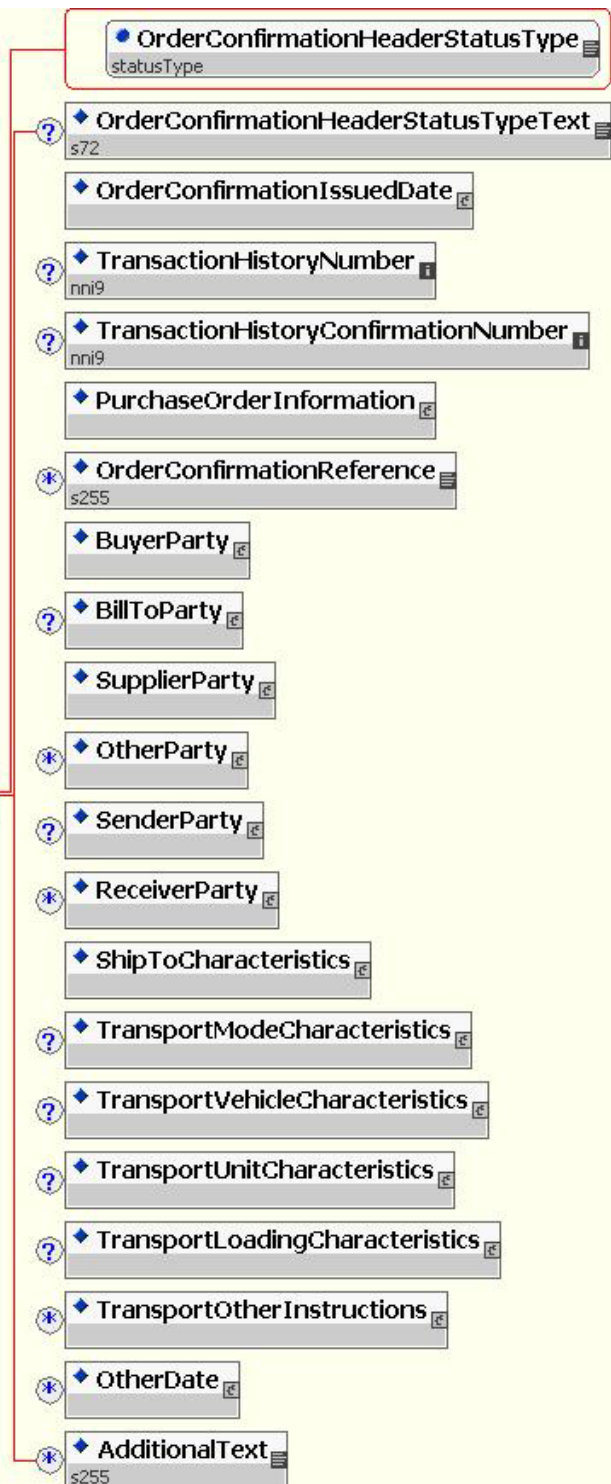
- [OrderConfirmationHeader-StatusType](#)
 - ✧ Accepted
 - ✧ Amended
 - ✧ NoAction
 - ✧ Pending
 - ✧ Rejected

Contains the following elements:

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



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



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OrderConfirmationLineItem

Required, multiple instances

OrderConfirmationLineItem contains the following attribute:

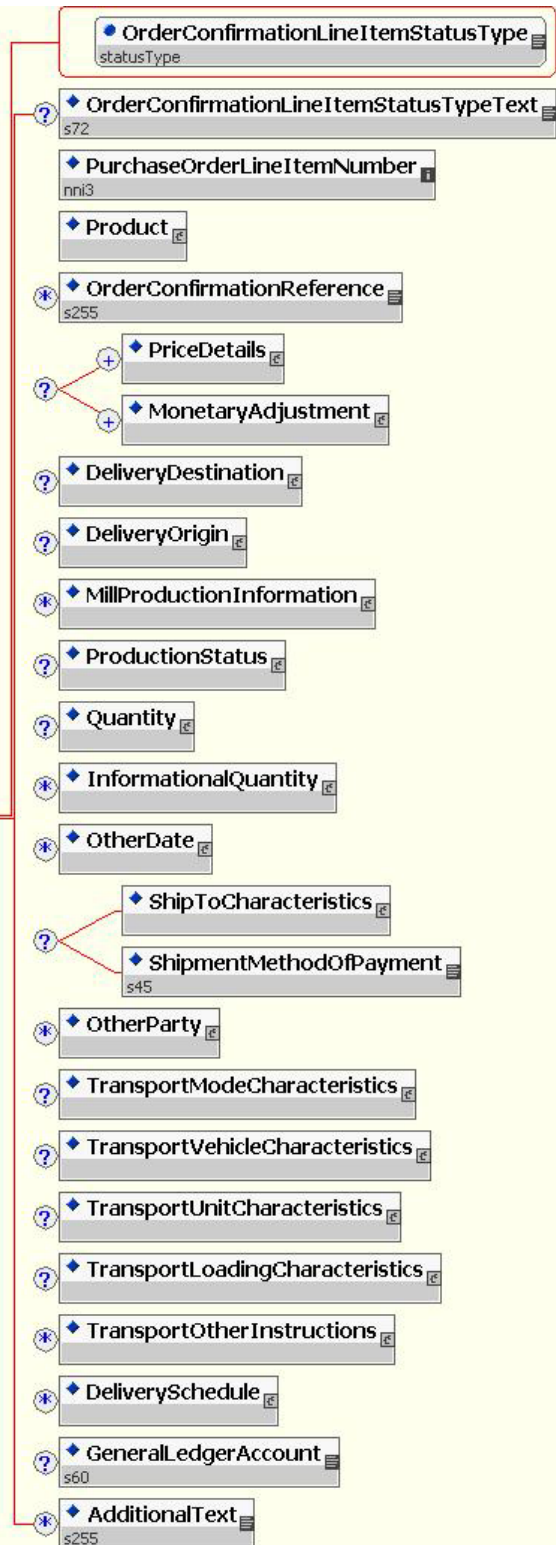
- [OrderConfirmation-LineItemStatusType](#)

OrderConfirmationLineItem contains the following elements:

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



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



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MonetaryAdjustment

The element containing the information necessary for the understanding, calculation, and treatment of an adjustment to a currency amount.

MonetaryAdjustment contains an attribute that indicates the type of adjustment being communicated:

- [AdjustmentType](#)

MonetaryAdjustment contains the following elements:



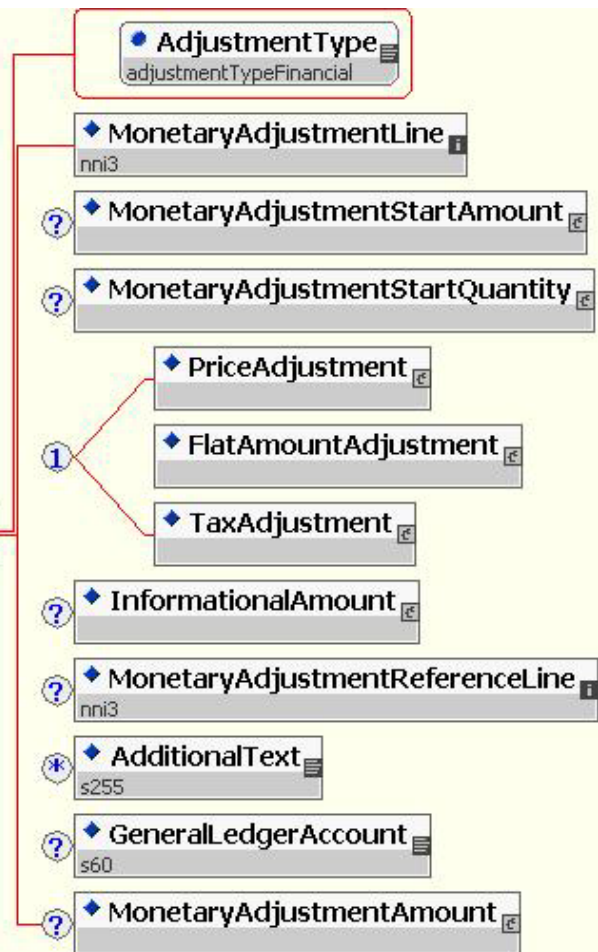
- [MonetaryAdjustmentLine](#)
- [MonetaryAdjustmentStartAmount](#)
- [MonetaryAdjustmentStartQuantity](#)

A choice of one of the following:

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

And then the following elements:

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



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OrderConfirmationSummary

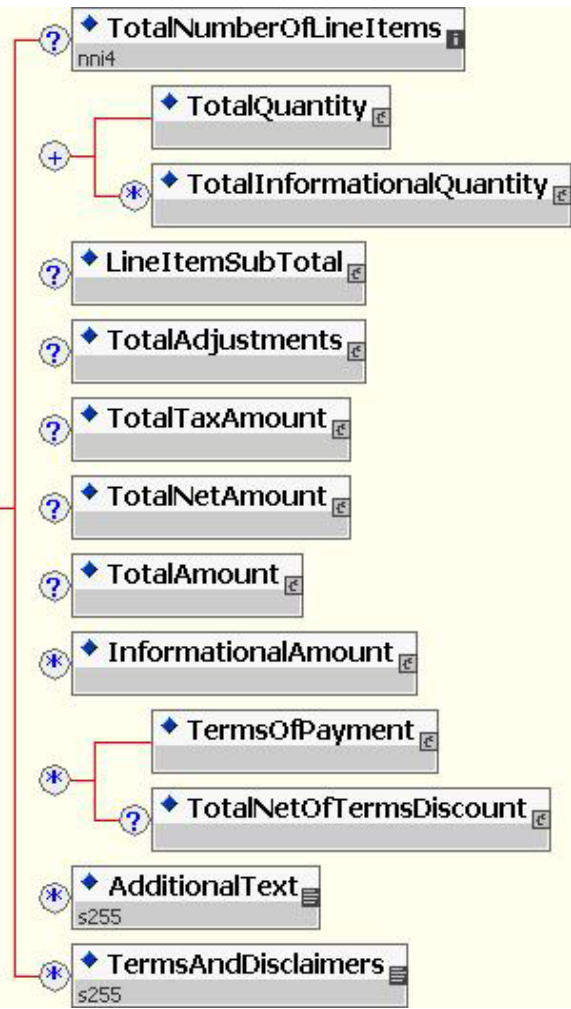
OrderConfirmationSummary is a required, single instance element

Contains the following:

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



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



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.

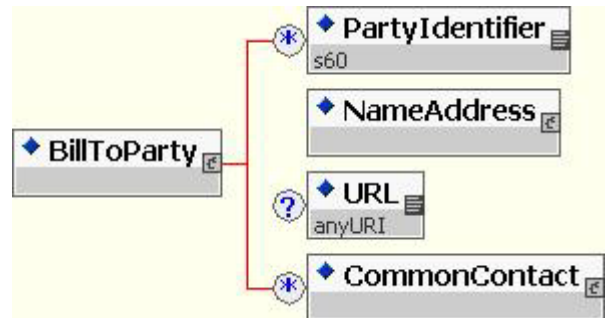


BillToParty

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](#)



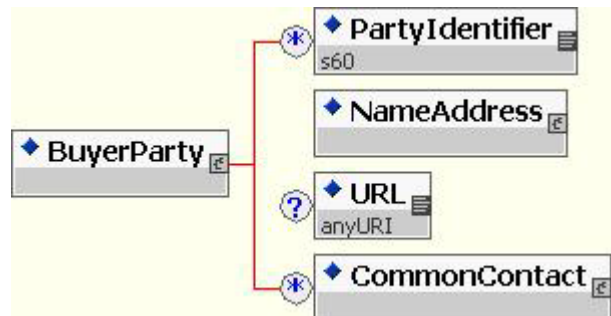
Refer to [Party](#) for additional information

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](#)



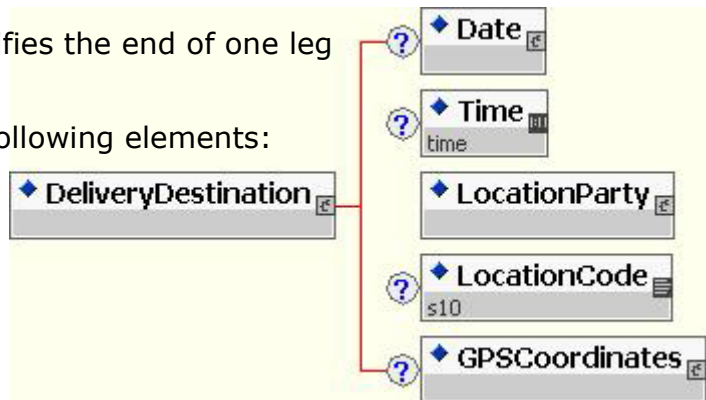
Refer to [Party](#) for additional information

DeliveryDestination

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

DeliveryDestination has the following elements:

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



DeliverySchedule

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

DeliverySchedule contains the following elements:

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



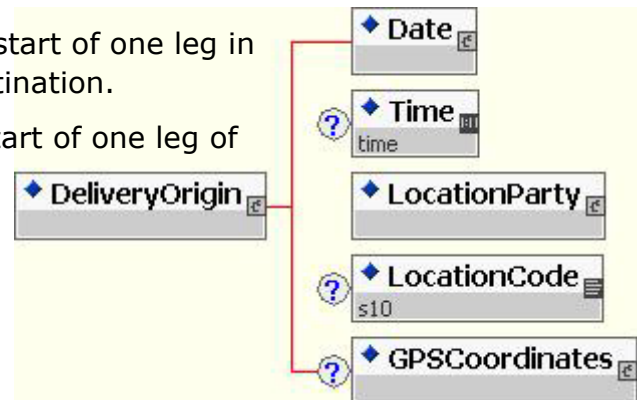
DeliveryOrigin

A group item that represents the start of one leg in a route. Compare to DeliveryDestination.

The DeliveryOrigin specifies the start of one leg of the delivery.

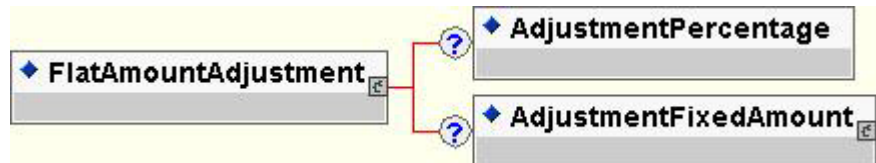
DeliveryOrigin has the following elements:

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



FlatAmountAdjustment

A group item that contains flat adjustment amount information.



FlatAmountAdjustment contains the following elements:

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

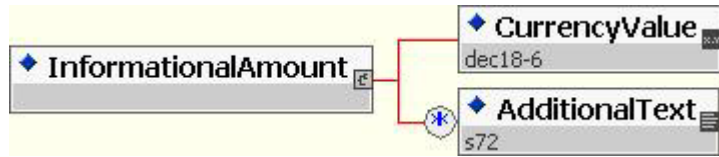
GeneralLedgerAccount

The general ledger account to be referenced for the item.



InformationalAmount

A monetary amount used for information purposes only (not for calculation). For example, the invoice price adjustment subtotal is expressed in sterling pounds, and the buyer wants this information expressed in U.S. dollars.

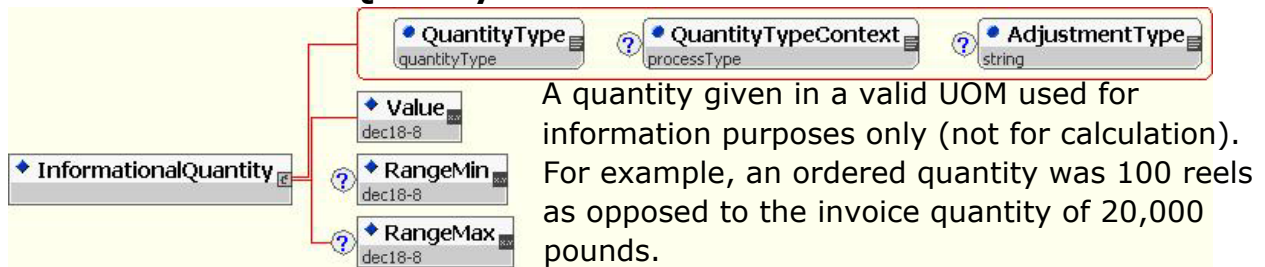


InformationalAmount contains the elements:

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

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

InformationalQuantity



InformationalQuantity contains the following attributes:

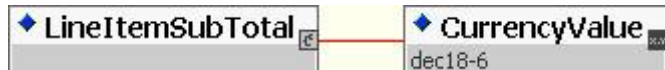
- [QuantityType](#)
- [QuantityTypeContext](#)
- [AdjustmentType](#)

And the following elements:

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

LineItemSubTotal

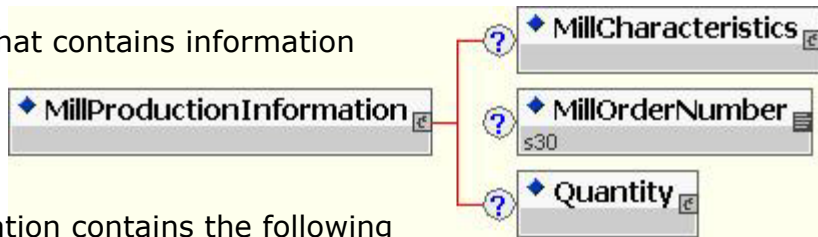
The total amount of all InvoiceLineBaseAmount(s) line items without any monetary adjustments that may occur after the invoice lines.



LineItemSubTotal encapsulates the [CurrencyValue](#) element.

MillProductionInformation

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



MillProductionInformation contains the following elements:

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

MonetaryAdjustmentAmount

The actual amount of the monetary adjustment.



MonetaryAdjustmentAmount encapsulates the [CurrencyValue](#) attribute.

MonetaryAdjustmentLine

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



MonetaryAdjustmentStartAmount

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

MonetaryAdjustmentStartAmount



MonetaryAdjustmentStartAmount encapsulates the [CurrencyValue](#) element.

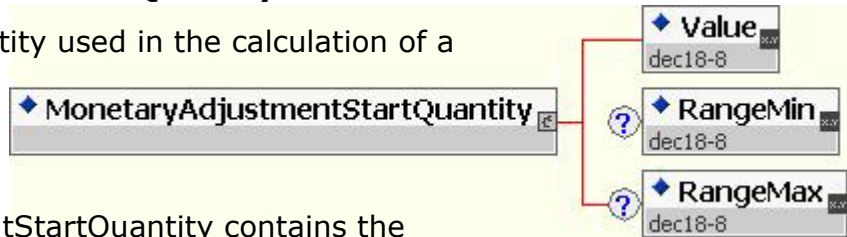
MonetaryAdjustmentReferenceLine

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



MonetaryAdjustmentStartQuantity

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



MonetaryAdjustmentStartQuantity contains the following elements:

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

OrderConfirmationHeaderStatusTypeText

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



- This field is required if the OrderConfirmationHeaderStatusType is "Rejected".
- When the OrderConfirmationHeaderStatusType is "Pending", the reason can be specified in this field.
- Not required if the PurchaseOrder is "Accepted".

OrderConfirmationIssuedDate

The [Date](#) and optionally the [Time](#) that the order confirmation was issued.



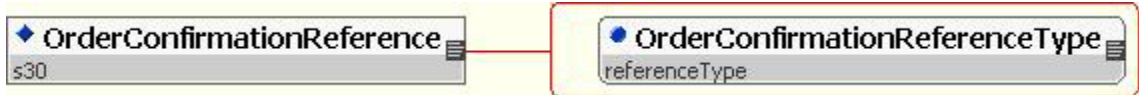
OrderConfirmationLineItemStatusTypeText

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



- When a PurchaseOrderLineItem is rejected, the reason for the rejection must be specified in this field.
- Not required if the PurchaseOrder is accepted or no changes have been made.
- If the item is pending, the reason may be specified here.

OrderConfirmationReference



A group item detailing relevant references pertaining to the order confirmation. Typically, the ContractNumber is referenced. [OrderConfirmationReferenceType](#) provides the identification of what the reference represents.

OtherDate

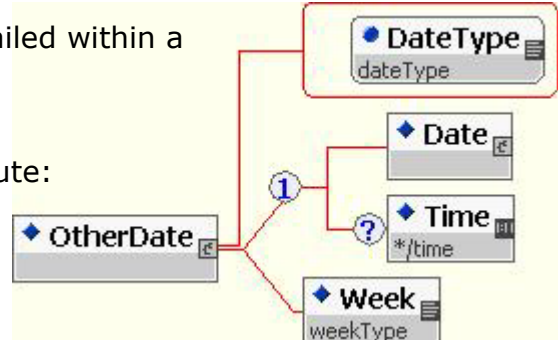
A date that may not be specifically detailed within a message (example: print date at the PurchaseOrderLineItem).

OtherDate contains the following attribute:

- [DateType](#)

OtherDate contains the following elements:

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

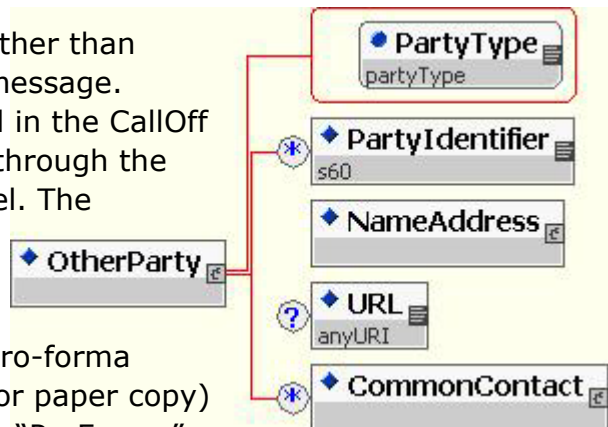


A choice of Date/Time or Week is allowed.

OtherParty

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

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



OtherParty contains the [PartyType](#) attribute.

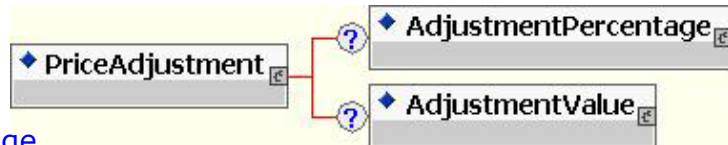
OtherParty contains the following elements:

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

PriceAdjustment

A group item defining a deviation from the PricePerUnit.

PriceAdjustment contains the following elements:



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

PriceDetails

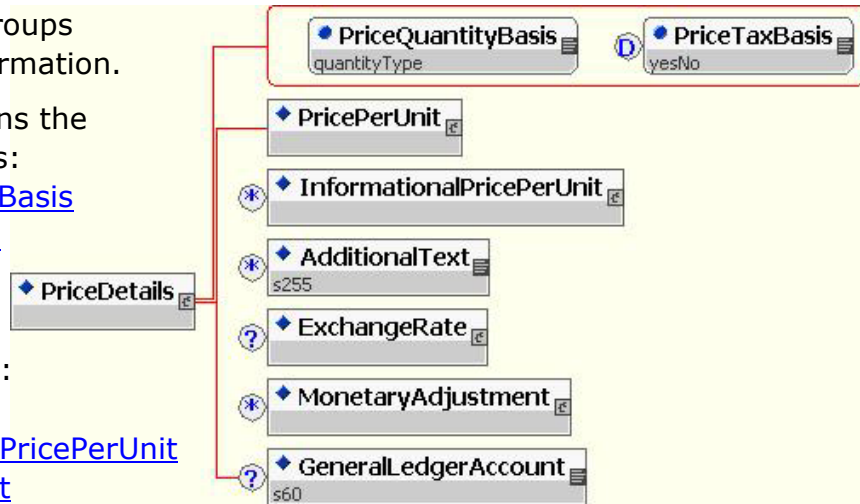
An element that groups together price information.

PriceDetails contains the following attributes:

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

PriceDetails contains the following elements:

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



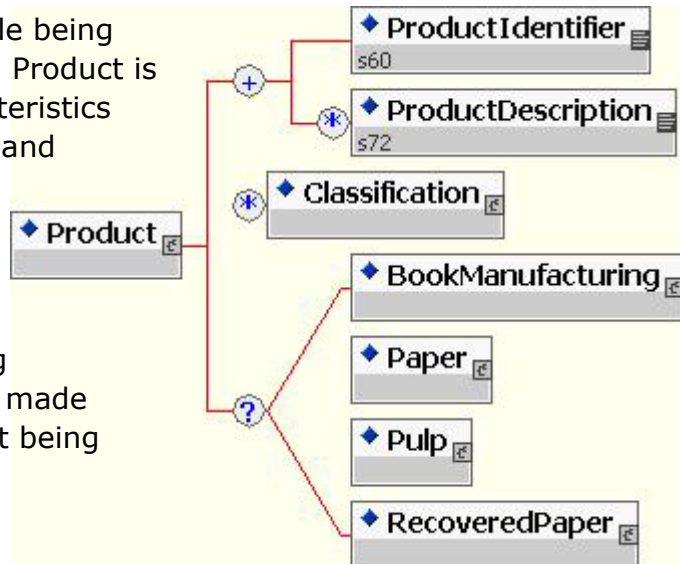
Product

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.

ProductionStatus

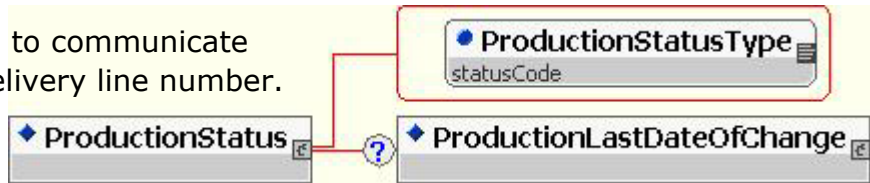
A group item used to communicate the release of a delivery line number.

Production Status has the following attribute:

- [ProductionStatusType](#)

ProductionStatus has the following element:

- [ProductionLastDateOfChange](#)

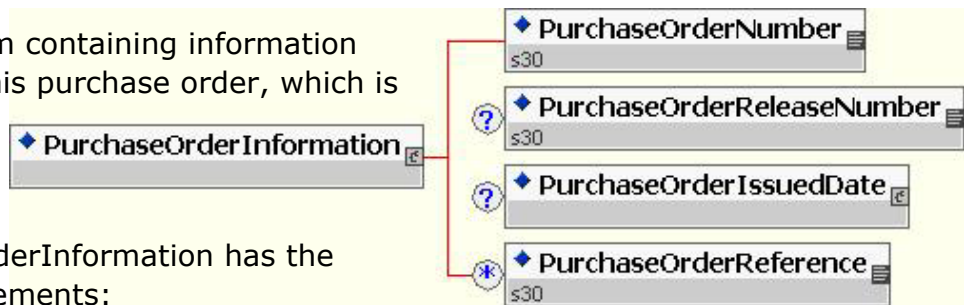


PurchaseOrderInformation

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

PurchaseOrderInformation has the following elements:

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

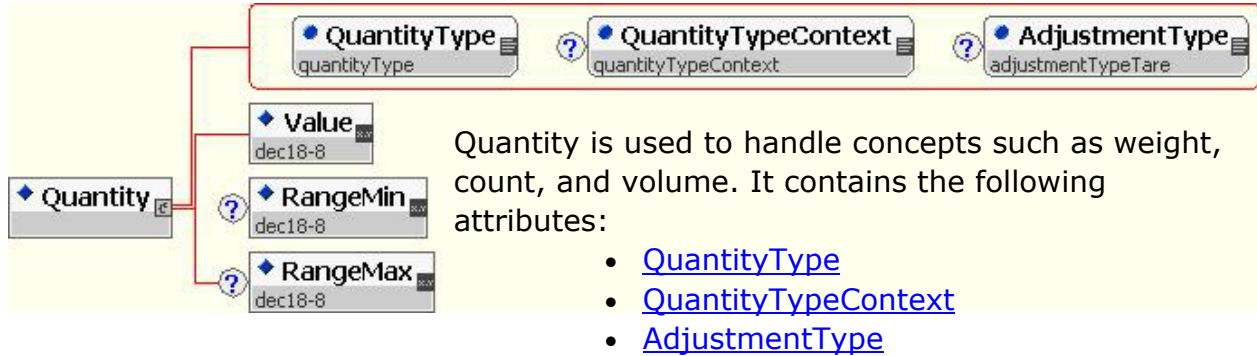


PurchaseOrderLineItemNumber

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



Quantity



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

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

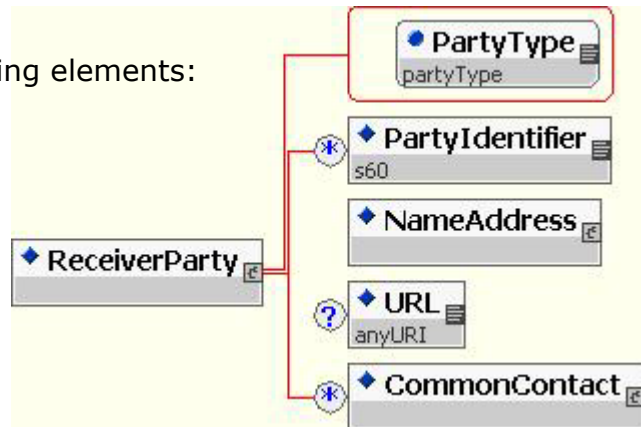
ReceiverParty

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.



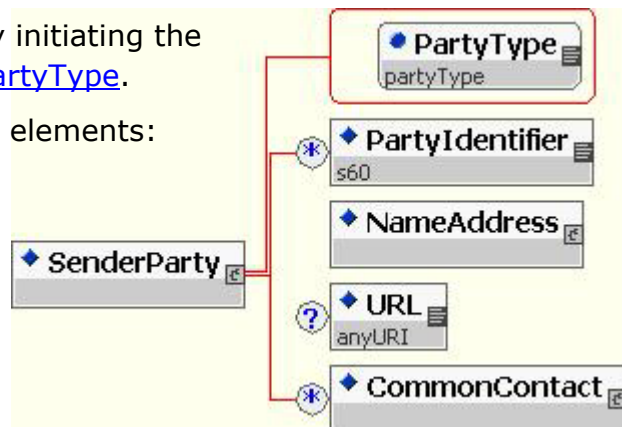
SenderParty

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.



ShipmentMethodOfPayment



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

ShipmentMethodOfPayment contains the following attributes:

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

ShipToCharacteristics

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

ShipToCharacteristics may be referenced at

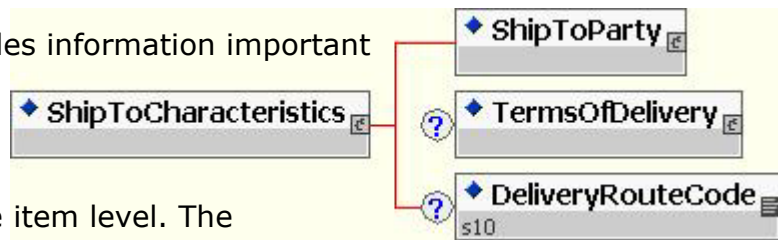
both the header and line item level. The

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](#)

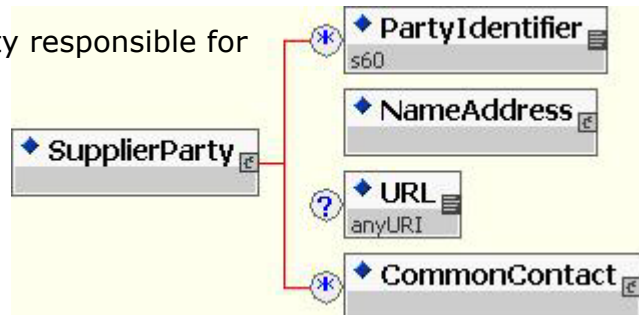


SupplierParty

The organisation or business entity responsible for providing the product.

SupplierParty contains the following elements:

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

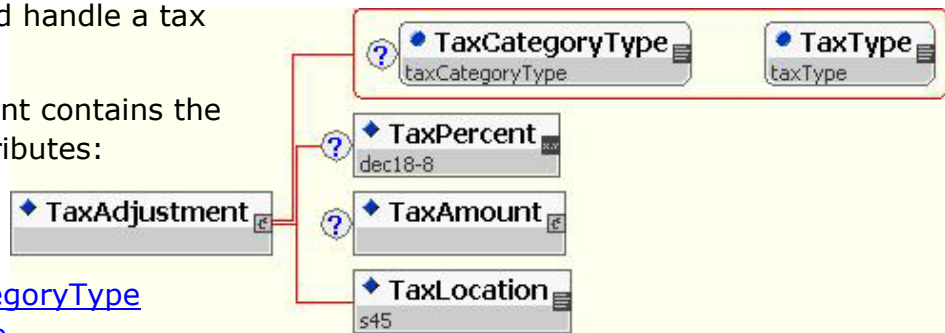


Refer to [Party](#) for additional information

TaxAdjustment

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

TaxAdjustment contains the following attributes:



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

TaxAdjustment contains the following elements:

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

TermsAndDisclaimers

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



TermsOfPayment

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

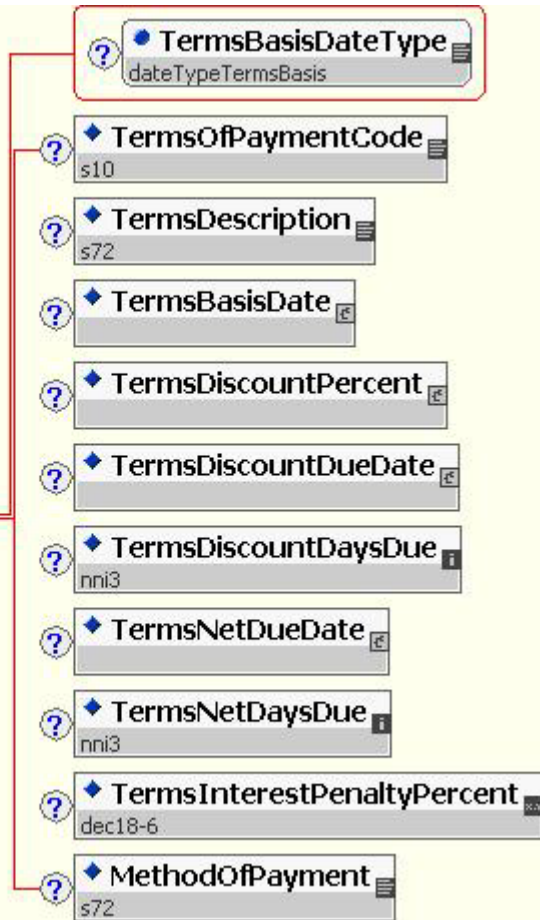
When TermsOfPayment is optional; if omitted, TermsOfPayment is controlled through previous negotiation.

TermsOfPayment contains the following attribute:

- [TermsBasisDateType](#)

TermsOfPayment contains the following elements:

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

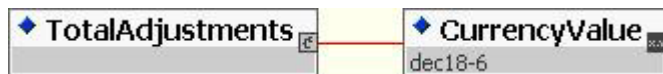


TotalAdjustments

TotalAdjustments contains the sum of all instances of

PriceAdjustment and FlatAmountAdjustment at the line and summary level.

TotalAdjustments contains the sum of all instance of the MonetaryAdjustmentAmount excluding tax amounts. TotalAdjustments encapsulates the [CurrencyValue](#) element.



TotalAmount

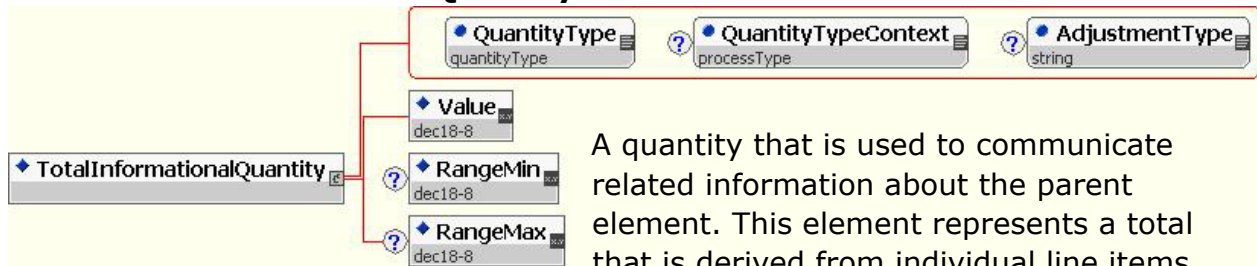
A field containing the total amount including tax.

- PurchaseOrder – The total amount, using a valid unit of measure of all the items in the message. Multiple total amounts are allowed so different units of measure or grade sub-totals can be communicated.
- Invoice - TotalAmount is equal to [TotalNetAmount](#) plus [TotalTaxAmount](#). In certain countries this is the amount that is due for payment based upon the terms of payment.



TotalAmount encapsulates the [CurrencyValue](#) element.

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](#)

TotalNetOfTermsDiscount

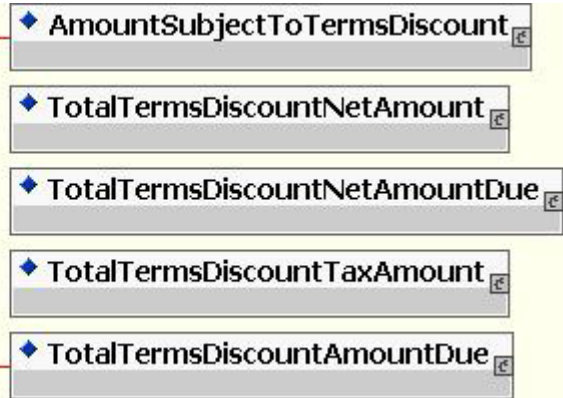
The components of the amount to be paid if payment terms are met, including the amount that is

◆ TotalNetOfTermsDiscount €

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

TotalNetOfTermsDiscount contains the following elements:

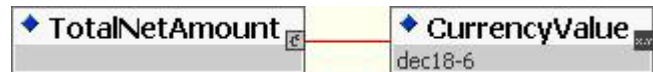
- [AmountSubjectToTermsDiscount](#)
- [TotalTermsDiscountNetAmount](#)
- [TotalTermsDiscountNetAmountDue](#)
- [TotalTermsDiscountTaxAmount](#)
- [TotalTermsDiscountAmountDue](#)



TotalNetAmount

A field containing total amount excluding tax. In the Invoice

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

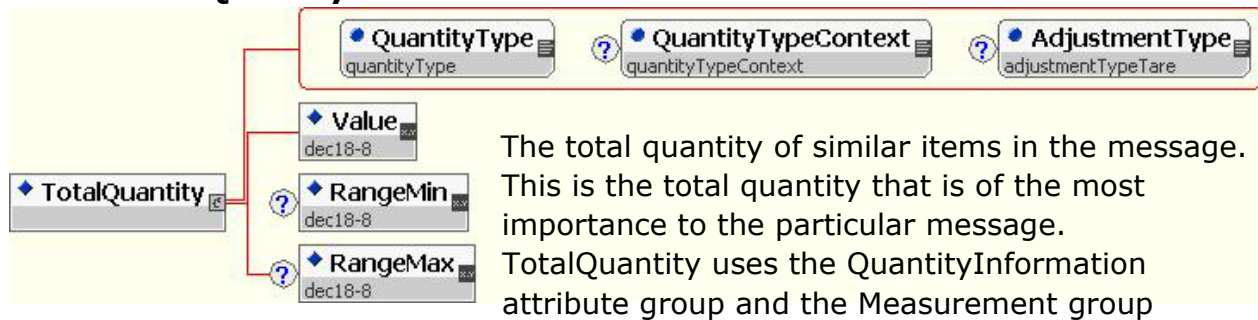


TotalNumberOfLineItems

The total number of individual line items in the message.

◆ TotalNumberOfLineItems nni4

TotalQuantity



(element grouping).

TotalQuantity uses the following attributes:

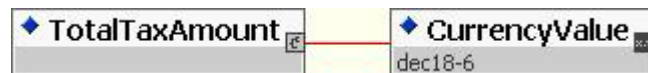
- [QuantityType](#)
- [QuantityTypeContext](#)
- [AdjustmentType](#)

TotalQuantity uses the following elements:

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

TotalTaxAmount

TotalTaxAmount contains the sum of all instances of



TaxAdjustment at line and summary level. TotalTaxAmount contains the sum of all instances of the MonetaryAdjustmentAmount for tax adjustments. TotalTaxAmount encapsulates [CurrencyValue](#).

TransactionHistoryConfirmationNumber

A sequential number that keeps track of the version of the confirmation document being sent.



- OrderConfirmation - Used to return an OrderConfirmation document version number in response to receiving a PurchaseOrder message.

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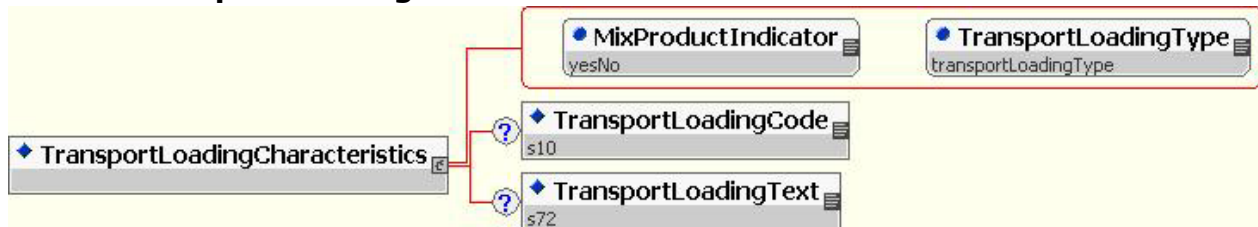
TransactionHistoryNumber

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



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

TransportLoadingCharacteristics



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

TransportLoadingCharacteristics contains the following attributes

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

TransportLoadingCharacteristics contains the following elements:

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

TransportModeCharacteristics

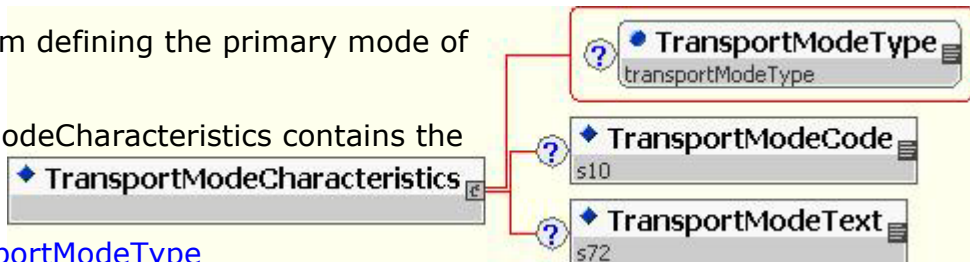
A group item defining the primary mode of transport.

TransportModeCharacteristics contains the following attribute:

- [TransportModeType](#)

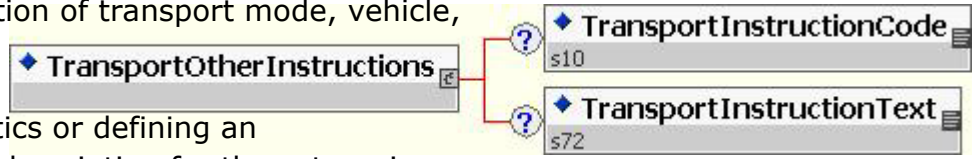
TransportModeCharacteristics contains the following elements:

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



TransportOtherInstructions

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



TransportOtherInstructions contains the following attributes:

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

TransportUnitCharacteristics

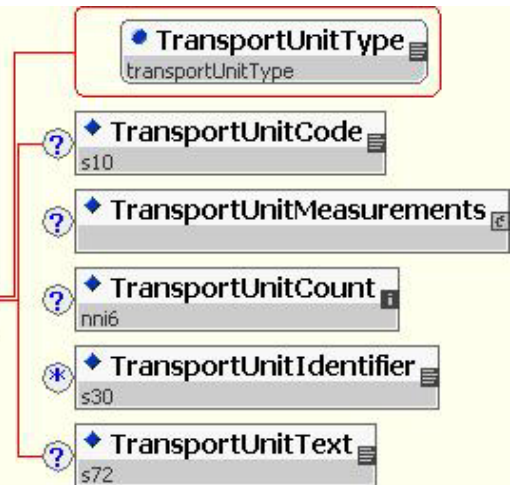
A group item defining and identifying the primary means of containing the goods. In some instances, the transport unit and vehicle are the same.

TransportUnitCharacteristics contains the [Transport-UnitType](#) 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.

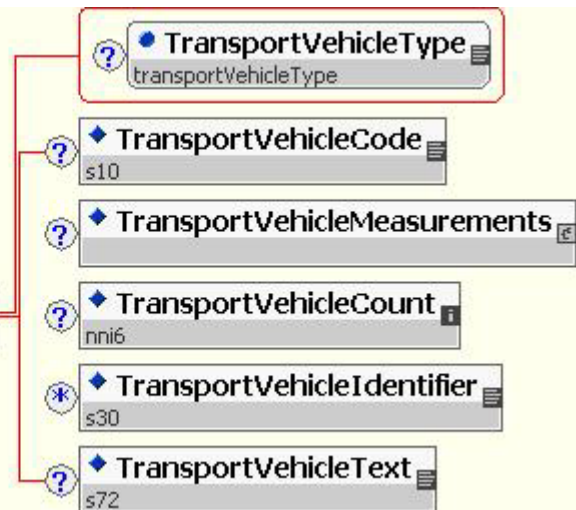
TransportVehicleCharacteristics



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](#)



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
- SenderProductAttributesDescription
- 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.

OrderConfirmationHeaderStatusType

An attribute defining the status of the order confirmation header

Used in:

- OrderConfirmationHeader

Choices:

- **Accepted** - The seller has accepted all elements within this order confirmation header.
- **Amended** - Indicates that one or more elements within this order confirmation header have been amended.

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

OrderConfirmationLineItemStatusType

Defines the status of the order confirmation line item

Used in:

- OrderConfirmationLineItem

Choices:

OrderConfirmationLineItemStatusType uses a restricted set of the [statusType](#) data type.

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

OrderConfirmationReferenceType

OrderConfirmationReferenceType provides the context for the OrderConfirmationReference. It uses a restricted version of the [referenceType](#) data type.

Used in:

- OrderConfirmationReference

Choices:

- [AccountNumber](#)
- [Author](#)
- [BookLanguage](#)
- [ContractLineNumber](#)
- [ContractNumber](#)
- [Copyright](#)
- [CustomerReference-Number](#)
- [Edition](#)
- [EndCallOffDate](#)
- [IndentOrderNumber](#)
- [IntraStatNumber](#)
- [ISBN10](#)
- [ISBN10Dash](#)
- [ISBN13](#)
- [ISODocument-Reference](#)
- [LotIdentifier](#)
- [MillOrder-LineItemNumber](#)
- [MillOrderNumber](#)
- [MillSalesOfficeNumber](#)
- [OriginalPurchaseOrder-Number](#)

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- [Other](#)
- [PackageNumber](#)
- [PriceList](#)
- [PupilsTeachers](#)
- [ReleaseNumber](#)
- [RFQLineItemNumber](#)
- [RFQNumber](#)
- [RunNumber](#)
- [SchoolGrade](#)
- [SchoolGradeLevel](#)
- [ShippingInstructions-LineItemNumber](#)
- [ShippingInstructions-Number](#)
- [StockOrderNumber](#)
- [SupplierReference-Number](#)
- [SupplierVoyageNumber](#)

OrderConfirmationStatusType

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

Used in:

- OrderConfirmation

Choices:

OrderConfirmationStatusType uses a restricted set of the [statusType](#) data type.

- [Accepted](#)
- [Cancelled](#)
- [Amended](#)
- [Rejected](#)

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.

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.
- **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.

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- **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.
- **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.

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- **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.
- **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.
- **MillsSalesOfficeNumber** – 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.

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- **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.
- **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.

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

statusType

Acts as a flag indicating what processing may be required.

- **Accepted** - Either the seller or the buyer accepts the header information.
- **Amended** - Either the seller or the buyer has changed the header information.
- **Cancelled**- The buyer has cancelled a line item that was sent in a previous message. Lines that have been cancelled are not included in Totals on the Summary levels of the message.
- **Counterproposal** - The sender is presenting a different proposal.
- **New** – This is the first time the message has been sent.

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- **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.

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OrderConfirmation Business Use Cases

<u>Scenario A</u>	Buyer issues a single-line PurchaseOrder that is Pending by Supplier specifying the reason (optional) and then is later Accepted by the Supplier.
<u>Scenario B</u>	Buyer issues a PurchaseOrder that contains a change to Header information.
<u>Scenario C</u>	Buyer issues a multi-line PurchaseOrder with all line items Accepted by the Supplier.
<u>Scenario D</u>	Buyer issues a multi-line PurchaseOrder with all line items Rejected by the Supplier
<u>Scenario E</u>	Buyer issues a multi-line item PurchaseOrder and Supplier responds with 2 Accepted line items and 1 Rejected line items. Buyer only pursues the accepted items.
<u>Scenario F</u>	Buyer issues multi-line PurchaseOrder and the Supplier responds by accepting some line items and rejecting others. Buyer modifies the rejected line items and sends an Amended Purchase Order.
<u>Scenario G</u>	Buyer issues multi-line PurchaseOrder and Supplier responds by accepting some line items, rejecting some items, and pending others. Buyer modifies the rejected line items and sends an Amended Purchase Order.
<u>Scenario H</u>	Supplier initiates a change to a PurchaseOrder that had been previously Accepted.

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Scenario A

Message	Order Confirmation
Business Scenario	<p>Buyer issues a single-line PurchaseOrder that is returned by the Supplier as Pending. The Supplier may specify the reason (optional). Later the Supplier accepts the item.</p> <pre> sequenceDiagram participant Buyer as : BuyerParty participant Supplier as : SupplierParty Buyer->>Supplier: Receive Purchase Order() Supplier-->>Buyer: BusinessAcknowledgement Supplier->>Buyer: Receive OrderConfirmation with Pending Line Item() Buyer-->>Supplier: BusinessAcknowledgement Supplier->>Buyer: Receive OrderConfirmation() Buyer-->>Supplier: BusinessAcknowledgement </pre>
Outcome	Purchase Order is entered into Supplier's system
Initiator	Buyer
Receiver	Supplier
Preconditions	None
Trigger	Customer issues a PurchaseOrder to a Supplier with a single line item.
<ul style="list-style-type: none"> Action 1 	<p>Supplier returns an OrderConfirmation with a status of Pending for the line item, specifying the reason (optional for pending).</p> <p>Statuses sent within the message:</p> <ul style="list-style-type: none"> OrderConfirmationStatusType = "Accepted" OrderConfirmationHeaderStatusType = "Accepted" OrderConfirmationLineItemStatusType = "Pending"
Action 2	<p>Supplier resolves the issue for the Pending status and sends a follow-up OrderConfirmation accepting the item specifying desired information</p> <p>Statuses sent within the message:</p> <ul style="list-style-type: none"> OrderConfirmationStatusType = "Accepted" OrderConfirmationHeaderStatusType = "NoAction" OrderConfirmationLineItemStatusType = "Accepted"

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Scenario B

Message	Order Confirmation
Business Scenario	<p>Buyer issues an Amended PurchaseOrder that contains a change to Header information only.</p> <pre> sequenceDiagram participant Buyer as : BuyerParty participant Supplier as : SupplierParty Buyer->>Supplier: Receive Amended PurchaseOrder() Supplier-->>Buyer: BusinessAcknowledgement Buyer->>Supplier: Receive OrderConfirmation() Supplier-->>Buyer: BusinessAcknowledgement </pre>
Outcome	The Purchase Order is changed in 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	<p>Subsequently, the Buyer issues an Amended PurchaseOrder to a Supplier that contains a change to Header information.</p> <p>Statuses sent within the message:</p> <ul style="list-style-type: none"> • OrderConfirmationStatusType = "Amended" • OrderConfirmationHeaderStatusType = "Amended" • OrderConfirmationLineItemStatusType = "NoAction"
Action 1	<p>The Supplier returns an OrderConfirmation accepting the Header change.</p> <p>Statuses sent within the message:</p> <ul style="list-style-type: none"> • OrderConfirmationStatusType = "Accepted" • OrderConfirmationHeaderStatusType = "Accepted" • OrderConfirmationLineItemStatusType = "NoAction"

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Use Case C

Message	Order Confirmation
Business Scenario	<p>Buyer issues a multi-line PurchaseOrder with all line items Accepted by the Supplier.</p> <pre> sequenceDiagram participant Buyer as : BuyerParty participant Supplier as : SupplierParty Buyer->>Supplier: Receive Amended PurchaseOrder() Supplier-->>Buyer: BusinessAcknowledgement Buyer->>Supplier: Receive OrderConfirmation() Supplier-->>Buyer: BusinessAcknowledgement </pre>
Outcome	The Purchase Order is entered into the Supplier's system.
Initiator	Buyer
Receiver	Supplier
Preconditions	None
Trigger	Buyer issues a PurchaseOrder to a Supplier with multiple line items.
Action 1	<p>Supplier returns an OrderConfirmation to the Buyer accepting each line item, specifying the following information for each line item:</p> <ul style="list-style-type: none"> • Supplier Reference Number (optional) • Supplier Delivery Window (optional) • Ship From Location (optional) • Last Date To Change (optional) • Freight Terms (optional) • Packaging Characteristics (optional) • Statuses sent within the message: <ul style="list-style-type: none"> • OrderConfirmationStatusType = "Accepted" • OrderConfirmationHeaderStatusType = "Accepted" • OrderConfirmationLineItemStatusType(s) = "Accepted"

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Scenario D

Message	Order Confirmation
Business Scenario	<p>Buyer issues a multi-line PurchaseOrder with all line items Rejected by the Supplier</p> <pre> sequenceDiagram participant Buyer as : BuyerParty participant Supplier as : SupplierParty Buyer->>Supplier: Receive Purchase Order() Supplier-->>Buyer: BusinessAcknowledgement Supplier->>Buyer: Receive OrderConfirmation Rejecting PO() Supplier-->>Buyer: BusinessAcknowledgement </pre>
Outcome	The Purchase Order is not entered into the Supplier's system.
Initiator	Buyer
Receiver	Supplier
Preconditions	None
Trigger	Buyer issues a PurchaseOrder to a Supplier.
Action 1	<p>Supplier returns an OrderConfirmation rejecting each line item. The supplier must specify the reason(s) for the rejection in the OrderConfirmationLineItemStatusTypeText field. Line items can be rejected for multiple reasons. For example: Delivery date window, qty., core types, or sizes. Since all line item(s) were Rejected, the entire order was Rejected.</p> <p>Statuses sent within the message:</p> <ul style="list-style-type: none"> • OrderConfirmationStatusType = "Rejected" • OrderConfirmationHeaderStatusType = "Rejected" • OrderConfirmationLineItemStatusType(s) = "Rejected"

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Scenario E

Message	Order Confirmation
Business Scenario	<p>Rejected line items. Buyer only pursues the accepted items.</p> <pre> sequenceDiagram participant Buyer as : BuyerParty participant Supplier as : SupplierParty Buyer->>Supplier: Receive Purchase Order activate Supplier Supplier-->>Buyer: BusinessAcknowledgement deactivate Supplier Supplier->>Buyer: Receive OrderConfirmation Rejecting Some Lines() activate Buyer Buyer-->>Supplier: BusinessAcknowledgement deactivate Buyer </pre>
Outcome	Purchase Order with two line items is created on Supplier's system.
Initiator	Buyer
Receiver	Supplier
Preconditions	None
Trigger	Buyer issues a PurchaseOrder to a Supplier with multiple line items.
Action 1	<p>Supplier returns an OrderConfirmation accepting 2 line items, specifying desired information for each accepted line item.</p> <p>Supplier rejects 1 line item. Supplier must specify the reason(s) for the rejection in the OrderConfirmationLineItemStatusTypeText field. Line items can be Rejected for multiple reasons. For example: delivery date window, quantity, core types or sizes.</p> <p>Statuses sent within the message:</p> <ul style="list-style-type: none"> • OrderConfirmationStatusType = "Accepted" • OrderConfirmationHeaderStatusType = "Accepted" • OrderConfirmationLineItemStatusType (1) = "Accepted" • OrderConfirmationLineItemStatusType (2) = "Accepted" • OrderConfirmationLineItemStatusType (3) = "Rejected"
Action 2	Buyer receives the OrderConfirmation message, and decides to pursue the Rejected line item in some other fashion.
Action 3	Buyer deletes the Rejected item for the PurchaseOrder in their ERP system.
Action 4	No other message needs to be sent.

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Scenario F

Message	Order Confirmation
Business Scenario	<p>Buyer issues multi-line PurchaseOrder and the Supplier responds by accepting some line items and rejecting others. Buyer modifies the Rejected line items and sends an Amended PurchaseOrder.</p> <pre> sequenceDiagram participant Buyer as : BuyerParty participant Supplier as : SupplierParty Buyer->>Supplier: Receive Purchase Order() activate Supplier Supplier-->>Buyer: BusinessAcknowledgement deactivate Supplier Supplier->>Buyer: Receive OrderConfirmation Rejecting Some Lines() activate Buyer Buyer-->>Supplier: BusinessAcknowledgement deactivate Buyer Buyer->>Supplier: Receive Amended PurchaseOrder() activate Supplier Supplier-->>Buyer: BusinessAcknowledgement deactivate Supplier Supplier->>Buyer: Receive OrderConfirmation for Amended PO() activate Buyer Buyer-->>Supplier: BusinessAcknowledgement deactivate Buyer </pre>
Outcome	A three-line purchase order is created on the supplier's system.
Initiator	Buyer
Receiver	Supplier
Preconditions	
Trigger	Buyer issues a PurchaseOrder to a Supplier with multiple line items.
Action 1	<p>Supplier accepts some line items, specifying the desired information for each accepted line item.</p> <p>Supplier rejects some line items. The Supplier must specify the reason(s) for the rejection in the OrderConfirmationLineItemStatusTypeText field. Line items can be Rejected for multiple reasons. For example: delivery date window, quantity, core types or sizes.</p> <p>Statuses sent within the message:</p> <ul style="list-style-type: none"> • OrderConfirmationStatusType = "Accepted" • OrderConfirmationHeaderStatusType = "Accepted" • OrderConfirmationLineItemStatusType (1) = "Accepted" • OrderConfirmationLineItemStatusType (2) = "Accepted" • OrderConfirmationLineItemStatusType (3) = "Rejected"
Action 2	Buyer modifies the Rejected line items.

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Action 3	Buyer sends an Amended PurchaseOrder to the Supplier. Statuses sent within the message: <ul style="list-style-type: none">• PurchaseOrderStatusType = "Amended"• PurchaseOrderHeaderStatusType = "NoAction"• PurchaseOrderLineItemStatusType (1) = "NoAction"• PurchaseOrderLineItemStatusType (2) = "NoAction"• PurchaseOrderLineItemStatusType (3) = "Amended"
Action 4	Supplier reviews and accepts the changes.
Action 5	Supplier returns an OrderConfirmation to the Buyer. Statuses sent within the message: <ul style="list-style-type: none">• OrderConfirmationStatusType = "Accepted"• OrderConfirmationHeaderStatusType = "NoAction"• OrderConfirmationLineItemStatusType (1) = "NoAction"• OrderConfirmationLineItemStatusType (2) = "NoAction"• OrderConfirmationLineItemStatusType (3) = "Amended"

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Scenario G

Message	Order Confirmation
Business Scenario	<p>Buyer issues multi-line PurchaseOrder and Supplier responds by accepting some line items, rejecting some items, and pending others. Buyer modifies the Rejected line items and sends an Amended PurchaseOrder.</p> <pre> sequenceDiagram participant Buyer as : BuyerParty participant Supplier as : SupplierParty Buyer->>Supplier: Receive Purchase Order() activate Supplier Supplier-->>Buyer: BusinessAcknowledgement deactivate Supplier Buyer->>Supplier: Receive OrderConfirmation Rejecting Some Lines() activate Supplier Supplier-->>Buyer: BusinessAcknowledgement deactivate Supplier Buyer->>Supplier: Receive Amended PurchaseOrder() activate Supplier Supplier-->>Buyer: BusinessAcknowledgement deactivate Supplier Buyer->>Supplier: Receive OrderConfirmation for Amended PO() activate Supplier Supplier-->>Buyer: BusinessAcknowledgement deactivate Supplier </pre>
Outcome	A three-line purchase order is created in the supplier's system.
Initiator	Buyer
Receiver	Supplier
Preconditions	None
Trigger	Buyer issues a PurchaseOrder to a Supplier with multiple line items.
Action 1	<p>Supplier accepts line item 1, specifying the desired information for the accepted line item.</p> <p>Supplier rejects line item 2. The Supplier specifies the reason for the rejection in the OrderConfirmationLineItemStatusTypeText field.</p> <p>Supplier puts line item 3 into Pending status. The Supplier may specify the reason for the Pending status in the OrderConfirmationLineItemStatusTypeText field.</p> <p>Statuses sent within the message:</p> <ul style="list-style-type: none"> • OrderConfirmationStatusType = "Accepted" • OrderConfirmationHeaderStatusType = "Accepted" • OrderConfirmationLineItemStatusType (1) = "Accepted" • OrderConfirmationLineItemStatusType (2) = "Rejected" • OrderConfirmationLineItemStatusType (3) = "Pending"

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Action 2	Buyer receives the OrderConfirmation message, and modifies the Rejected line item.
Action 3	Buyer sends an Amended PurchaseOrder to the Supplier. Statuses sent within the message: <ul style="list-style-type: none">• PurchaseOrderStatusType = "Amended"• PurchaseOrderHeaderStatusType = "NoAction"• PurchaseOrderLineItemStatusType (1) = "NoAction"• PurchaseOrderLineItemStatusType (2) = "Amended"• PurchaseOrderLineItemStatusType (3) = "NoAction"
Action 4	Supplier accepts the changes.
Action 5	Supplier returns an OrderConfirmation to the Buyer. Statuses sent within the message: <ul style="list-style-type: none">• OrderConfirmationStatusType = "Accepted"• OrderConfirmationHeaderStatusType = "NoAction"• OrderConfirmationLineItemStatusType (1) = "NoAction"• OrderConfirmationLineItemStatusType (2) = "Pending"• OrderConfirmationLineItemStatusType (3) = "Pending"
Action 6	Supplier has resolved the reason for the Pending line item.
Action 7	Supplier sends an OrderConfirmation to the Buyer accepting line item 3. Statuses sent within the message: <ul style="list-style-type: none">• OrderConfirmationStatusType = "Accepted"• OrderConfirmationHeaderStatusType = "NoAction"• OrderConfirmationLineItemStatusType (1) = "NoAction"• OrderConfirmationLineItemStatusType (2) = "Accepted"• OrderConfirmationLineItemStatusType (3) = "Accepted"

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Scenario H

Message	Order Confirmation
Business Scenario	<p>Supplier initiates a change to a PurchaseOrder that had been previously Accepted.</p> <pre> sequenceDiagram participant BuyerParty as : BuyerParty participant SupplierParty as : SupplierParty BuyerParty->>SupplierParty: Receive Purchase Order() SupplierParty-->>BuyerParty: BusinessAcknowledgement BuyerParty->>SupplierParty: Receive OrderConfirmation() SupplierParty-->>BuyerParty: BusinessAcknowledgement SupplierParty->>BuyerParty: Receive Amended PurchaseOrder() BuyerParty->>SupplierParty: BusinessAcknowledgement SupplierParty-->>BuyerParty: Receive OrderConfirmation for Amended PO() BuyerParty->>SupplierParty: BusinessAcknowledgement </pre>
Outcome	The purchase order is changed in the supplier's system.
Initiator	Supplier
Receiver	Buyer
Preconditions	This Use Case assumes the Buyer has previously sent a PurchaseOrder to the Supplier and the Supplier has already Accepted the order. The change can be either to the header, line items or both.
Trigger	<p>Supplier issues an Amended OrderConfirmation to the Buyer that suggests a change to the Header information.</p> <p>Statuses sent within the message:</p> <ul style="list-style-type: none"> • OrderConfirmationStatusType = "Amended" • OrderConfirmationHeaderStatusType = "Amended" • OrderConfirmationLineItemStatusType = "NoAction"
Action 1	<p>The Buyer accepts the changes by sending an Amended PurchaseOrder to the Supplier with the changes suggested by the Buyer.</p> <p>Statuses sent within the message:</p> <ul style="list-style-type: none"> • PurchaseOrderStatusType = "Amended" • PurchaseOrderHeaderStatusType = "Amended" • PurchaseOrderLineItemStatusType = "NoAction"
Action 2	The Supplier returns an OrderConfirmation with a status of

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	<p>Accepted for the document Header level.</p> <p>Statuses sent within the message:</p> <ul style="list-style-type: none">• OrderConfirmationStatusType = "Accepted"• OrderConfirmationHeaderStatusType = "Accepted"• OrderConfirmationLineItemStatusType = "NoAction"
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