InfoRequest

papiNet Standard - Version 2.31

Documentation

Global Standard for the Paper and Forest Products Supply Chain

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Production Release

Copyright

Use of Documents in papiNet Implementations

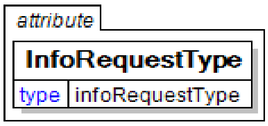
Table of Contents

InfoRequest Documentation

InfoRequest e-Document Overview

The purpose of the InfoRequest e-Document is to allow the requesting party to request from the receiver party an update. The e-Documents that may be returned in response to an InfoRequest are the Availability, Calendar, InventoryStatus , OrderStatus, Planning, ProductQuality, ShipmenStatus, ShippingInstructions or Statement. The InfoRequest may originate directly from a buying organization, or indirectly via a web page or an internet-based industry exchange. The request types are mutually exclusive within the information request. That is, if the requesting party wishes to receive different types of information they must be requested by separate InfoRequest e-Documents.

InfoRequestType [attribute]



An attribute designed to indicate which response e-Document is expected in response to the InfoRequest e-Document.

This item is restricted to the following list.

Availability

The sender is requesting Availability information.

Calendar

The information being requested is Calendar information.

InventoryStatus

The sender is requesting InventoryStatus information.

OrderStatus

The sender is requesting OrderStatus information.

Planning

The sender is requesting Planning information.

ProductQuality

The sender is requesting ProductQuality information.

ShipmentStatus

The sender is requesting ShipmentStatus information.

ShippingInstructions

The sender is requesting ShippingInstructions information.

Statement

The sender is requesting Statement information.

Business Rules for InfoRequest

The following business rules apply to InfoRequest e-Document.

General Business Rules

Identifier	Business Rule
IR001	This e-Document is unidirectional and may only be sent from the Requesting Party to the Supplier.
IR002	The InfoRequest must elicit a reply e-Document of either: • Availability • InventoryStatus • OrderStatus • Planning • ProductQuality • ShipmentStatus • ShippingInstructions
IR003	When the OrderStatusRequestDetailType is “ByProduct” the requestor desires the response e-Document to be from the viewpoint of the order product. • OrderStatusRequestDetail/BySupplierOrderNumber may not be present • OrderStatusRequestDetail/ByPurchaseOrder may not be present • OrderStatusRequestDetail/Product may be optionally present
IR004	When the OrderStatusRequestDetailType is “ByPurchaseOrder” the requestor desires the response e-Document to be from the viewpoint of the purchase order. • OrderStatusRequestDetail/BySupplierOrderNumber may not be present • OrderStatusRequestDetail/Product may not be present. • PurchaseOrderInformation (with optional PurchaseOrderLineItemNumber) may be optionally present.
IR005	When the OrderStatusRequestDetailType is “BySupplierOrderNumber” the requestor desires the response e-Document to be from the viewpoint of the supplier’s order number. • OrderStatusRequestDetail/ByPurchaseOrder may not be present • OrderStatusRequestDetail/Product constructs may not be present • OrderStatusRequestDetail/BySupplierOrderNumber

Identifier	Business Rule
	may optionally be present.
IR006	When the InventoryStatusRequestDetailType is “ByProduct” the requestor desires the response e-Document to be from the viewpoint of the order product. • InventoryStatusRequestDetail/SupplierOrderNumber may not be present • InventoryStatusRequestDetail/ PurchaseOrderInformation (with optional PurchaseOrderLineItemNumber) may not be present. • InventoryStatusRequestDetail/Product may be optionally present.
IR007	When the InventoryStatusRequestDetailType is “ByPurchaseOrder” the requestor desires the response e-Document to be from the viewpoint of the purchase order. • InventoryStatusRequestDetail/SupplierOrderNumber may not be present • InventoryStatusRequestDetail/Product may not be present. • The PurchaseOrderInformation (with optional PurchaseOrderLineItemNumber) may be optionally present.
IR008	When the InventoryStatusRequestDetailType is “BySupplierOrderNumber” the requestor desires the response e-Document to be from the viewpoint of the supplier’s order number. • InventoryStatusRequestDetail/ PurchaseOrderInformation may not be present • InventoryStatusRequestDetail/Product may not be present • The SupplierOrderNumber may be optionally present.
IR009	Unless the PurchaseOrderLineItemNumber is specified the InfoRequest indicates a request for an update on all line item(s) within the purchase order. • OrderStatusRequestDetailType is “ByPurchaseOrder” • InventoryStatusRequestDetailType is “ByPurchaseOrder”

Identifier	Business Rule
	• ProductQualityRequestDetailType is "ByQualifiedPurchaseOrder"
IR010	Under the InventoryStatusRequestDetail hierarchy, the StatusAsOfDate element indicates the only date for which the InventoryStatus may be provided. This status must be provided after all transactions have closed for the date.
IR011	If the ProductQualityRequestDetailType is "ByPeriod", the ByPeriod construct must also be present. This request designation indicates that the requestor desires the response e-Document to be from the viewpoint of the time periods.
IR012	When the ProductQualityRequestDetailType is "ByQualifiedPurchaseOrder" the requestor desires the response e-Document to be from the viewpoint of the purchase order. • ProductQualityRequestDetail/ ByQualifiedPurchaseOrderInformation must also be present.
IR013	If the ProductQualityRequestDetailType is "ByShipment": • ProductQualityRequestDetail/ ByQualifiedDeliveryMessage must be present. • This request designation indicates that the requestor desires the response e-Document to be from the viewpoint of the shipment

Business Process Logic and Structure Premise:

The InfoRequest e-Document is designed to instruct the Seller to reply with one of four typical responses – an InventoryStatus, OrderStatus, Availability, Planning, or ProductQuality.

- The InfoRequest may be used by the sender to request the status of inventory by optionally including Product, or ByPurchaseOrder or BySupplierOrderNumber.
- The InfoRequest e-Document is also designed to allow the sender to request the status of a purchase order that has been previously sent (and is currently being processed within the seller's order fulfilment and manufacturing system).

If the sender requests an inventory status, the request may be for a specific product, a purchase order, or both.

If the sender requests an order status, this request may be for a specific order, or for selected lines, specified product, and perhaps for a specific location. It is also possible that the sender may request a list of purchase orders or supplier order numbers or order product.

There may be only one request for status per InfoRequest e-Document. That is, status may be requested for only one purchase order or sales order for an OrderStatus request or for one purchase order by location for an InventoryStatus request.

Basic business process example

An example for the InfoRequest e-Document between buyer and supplier:

- Buyer sends InfoRequest e-Document to supplier to inquire about the availability of inventory. The InfoRequestType is “Availability”. The Buyer may indicate the location for which status is desired.
- The Availability e-Document is returned by the Seller
- Buyer sends PurchaseOrder e-Document to supplier
- Supplier returns an OrderConfirmation e-Document
- Buyer sends an InfoRequest e-Document to supplier to inquire about the OrderStatus within the supplier’s manufacturing and fulfilment system. The InfoRequestType is “OrderStatus”.
- The OrderStatus e-Document is returned by the Seller. This e-Document may not be integrated within a back-end system. A more likely scenario is for the OrderStatus e-Document to be transformed via a stylesheet into an on-screen display for the Requestor to view.
- Buyer sends an InfoRequest e-Document to supplier to inquire about the InventoryStatus within the supplier’s manufacturing and fulfilment system. The InfoRequestType is “InventoryStatus”.
- The InventoryStatus e-Document is returned by the Seller.
- Buyer sends an InfoRequest e-Document to supplier to inquire about the ProductQuality of supplier’s product that was ordered. The InfoRequestType is “ProductQuality”.
- The ProductQuality e-Document is returned by the Seller

Understanding the Diagrams and Content

This section provides a graphical view of the schema structures, a discussion of the item's children. You can find additional information about papiNet and the standard at www.papiNet.org.

The graphics contain content model indicators, cardinality indicators, and data type information.

Associated with each graphic are the definitions for the parent item and any associated child items. All attributes are listed first, followed by the elements.

The following information should help you interpret and understand this standard. Please note the following:

- Content Model and Cardinality operate together to determine if the element or attribute are required in the instance document.
- The same attribute can never appear multiple times in the same element so, you will never see a multiple cardinality indicator.

Content model indicators:

There are three possible types of content: "sequence", "choice", and "all". The papiNet standard currently does not use the "all" construct.

- (sequence)

  The sequence of the items to the right of the graphic (or below the text) is required.
- (choice)

  A choice of the items to the right of the graphic (or below the text) is permitted.
- (all)

  All the items to the right of the graphic are required.

Cardinality indicators:

- Dotted line around element or attribute.

  A single instance of the item can optionally exist.
- Dotted line around item with range indicated below.

  Multiple instances of the item can optionally exist.
- Solid line around item.

  A single instance of the item must exist.
- Solid line around item with range indicated below

  At least one instance must exist; multiple instances can optionally exist.

Datatype indication:

When a data type is assigned to an element (either a simple type or complex type the name of the data type is presented beneath the item name in the graphic.

- In some cases additional information about the data type is presented (the default value).

Elements can either have content that is textual/numeric in nature or content that is made up of additional elements and/or attributes.

- When the content is textual/numeric in nature "three straight horizontal lines" will appear in the upper left-hand corner of the graphic. Pay attention to these elements because they are where you will be entering your information.

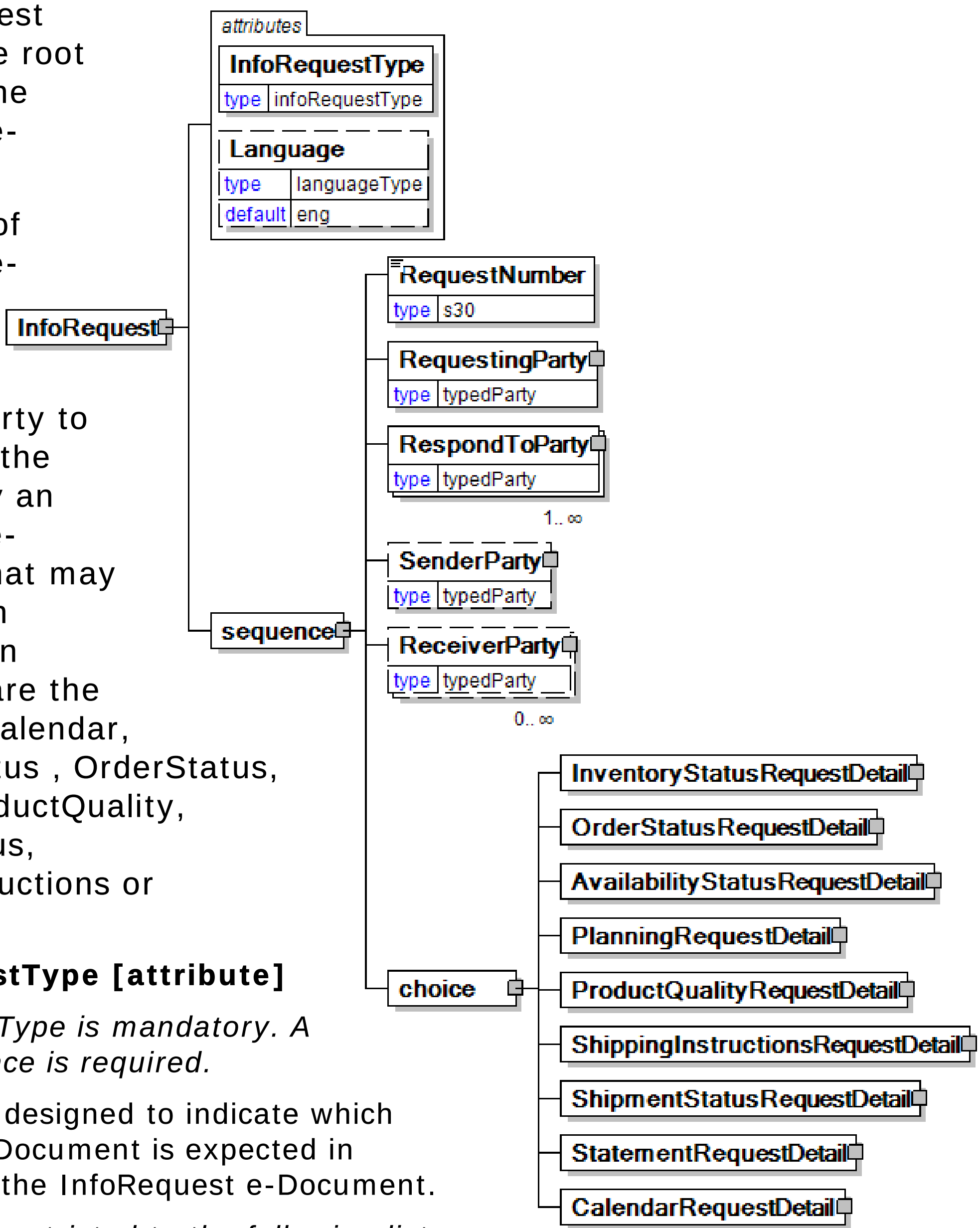
- When the content is made up of additional elements and/or attributes a “gray-box” will appear on the right-hand side of the graphic.
- If the graphic shows both the horizontal lines and the gray-box then, in the papiNet standard, the content below the element are attributes.

InfoRequest Root Element

InfoRequest

The InfoRequest element is the root element for the InfoRequest e-Document.

The purpose of InfoRequest e-Document is to allow the requesting party to request from the receiver party an update. The e-Documents that may be returned in response to an InfoRequest are the Availability, Calendar, InventoryStatus , OrderStatus, Planning, ProductQuality, ShipmenStatus, ShippingInstructions or Statement.



InfoRequestType [attribute]

InfoRequestType is mandatory. A single instance is required.

An attribute designed to indicate which response e-Document is expected in response to the InfoRequest e-Document.

This item is restricted to the following list.

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ProductQuality

The sender is requesting ProductQuality information.

ShipmentStatus

The sender is requesting ShipmentStatus information.

ShippingInstructions

The sender is requesting ShippingInstructions information.

Statement

The sender is requesting Statement information.

Language [attribute]

Language is optional. A single instance might exist.

XML has embraced 2 and 3 digit language codes through the application of an addendum to the standard.

Information on the content of this attribute is available at 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.

(sequence)

The contents of (sequence) are mandatory. A single instance is required.

RequestNumber

RequestNumber is mandatory. A single instance is required.

A unique tracking number specifically identifying the InfoRequest e-Document to the originator. The tracking number is returned with the "information", the answer, to help match the answer to the request.

RequestingParty

RequestingParty is mandatory. A single instance is required.

The party requesting the information.

RespondToParty

RespondToParty is mandatory. One instance is required, multiple instances might exist.

The party the document should be responded to.

SenderParty

SenderParty is optional. A single instance might exist.

The business entity issuing the business document, the source of the document.

- This is the same entity as the "From" party in the ebXML message service envelope. The entity responsible for the content. If the sender party has out sourced the transmission function to a third party the sender party is the original party not the party performing the transmission service.

ReceiverParty

ReceiverParty is optional. Multiple instances might exist.

The business entity for whom the business document is intended, the destination of the document.

- This is the same entity as the “To” party in the ebXML message service envelop. The entity interested in the content. If the receiver party has outsourced the message receipt function to a third party the receiver party is the intended party not the party performing the receiving process.

(choice)

The contents of (choice) are mandatory. A single instance is required.

InventoryStatusRequestDetail

InventoryStatusRequestDetail is optional because of choice construct.

A grouping element that provides the parameters to be used when responding with an InventoryStatus e-Document.

OrderStatusRequestDetail

OrderStatusRequestDetail is optional because of choice construct.

A grouping element that provides the parameters to be used when responding with an OrderStatus e-Document.

AvailabilityStatusRequestDetail

AvailabilityStatusRequestDetail is optional because of choice construct.

A grouping element that provides the parameters to be used when responding with an Availability e-Document.

PlanningRequestDetail

PlanningRequestDetail is optional because of choice construct.

A grouping element that provides the parameters to be used when responding with a Planning e-Document.

ProductQualityRequestDetail

ProductQualityRequestDetail is optional because of choice construct.

A grouping element that provides the parameters to be used when responding with a ProductQuality e-Document.

ShippingInstructionsRequestDetail

ShippingInstructionsRequestDetail is optional because of choice construct.

A grouping element that provides the parameters to be used when responding with a ShippingInstructions e-Document.

ShipmentStatusRequestDetail

ShipmentStatusRequestDetail is optional because of choice construct.

A grouping element that provides the parameters to be used when responding with a ShipmentStatus e-Document.

StatementRequestDetail

StatementRequestDetail is optional because of choice construct.

A grouping element that provides the parameters to be used when responding with a Statement e-Document.

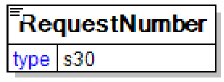
CalendarRequestDetail

CalendarRequestDetail is optional because of choice construct.

A grouping element that provides the parameters to be used when responding with a Calendar e-Document.

Primary Elements

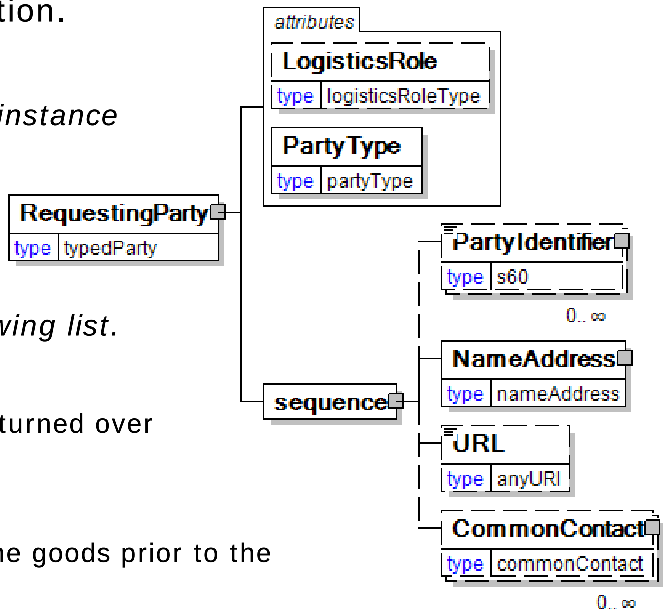
RequestNumber



A unique tracking number specifically identifying the InfoRequest e-Document to the originator. The tracking number is returned with the “information”, the answer, to help match the answer to the request.

RequestingParty

The party requesting the information.



LogisticsRole [attribute]

LogisticsRole is optional. A single instance might exist.

Communicates the nature of the logistics role, if any, the party plays in the transaction.

This item is restricted to the following list.

Consignee

The party to whom the goods are turned over to.

Consignor

The party who is responsible for the goods prior to the shipping process.

LogisticsProvider

The party who, by contract with the consignor, takes care of the requested logistics service (transport or others).

PartyType [attribute]

PartyType is mandatory. A single instance is required.

Identifies the business role associated with the particular party

This item is restricted to the following list.

Auditor

A third party that is authorized for making audits and checkings.

Bank

The banking representative.

BillTo

The address where the invoice is to be sent. (Not to be used for logistics BillTo, see LogisticsBillTo.)

BorderCrossing

A geographic location separating two countries authorised to validate customs documentation.

Broker

The organisation acting as a broker for the buyer or supplier.

Buyer

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the “Payer”, the “Buyer” is the “Payer”. (Not to be used for logistics buyer, see LogisticsBuyer.)

BuyerAgent

The entity acting for the buyer in the transaction. (Not to be used for logistics BuyerAgent, see LogisticsBuyerAgent.)

Carrier

The organisation or business entity that transports goods.

CarrierAssignmentResponsible

The organisation to which the carrier has assigned some task.

ComponentVendor

Vendor producing supplied components.

Consignee

To be deprecated in version 3.0 (no date determined). Use LogisticsRole attribute to communicate this information.

Consignor

To be deprecated in version 3.0 (no date determined). Use LogisticsRole attribute to communicate this information.

Consuming

The eventual consumer of the material

Converter

The organisation responsible for changing one form of paper into another form, providing specialised functions not available to the supplier.

CreditDepartment

The party responsible for credit authorization.

CrossDock

A third party involved in the transport of goods.

CustomerFacility

The type of the origin or destination location of a transport leg in a route is a buyer facility, usually a print site, or a warehouse owned by the buyer.

CustomerStock

A “virtual” location that indicates that the material is owned by the customer.

Customs

Any customs agency.

CustomsForwarder

A forwarder responsible for managing the transfer of goods through customs.

DomesticForwarder

A forwarder responsible for managing the transfer of goods.

EndUser

EndUser is the party using, consuming, or converting the product. For example, a printer using paper reels to print a job for a publisher (printer is the end user). The final ShipTo destination for a product is normally to the EndUser facilities.

ExportForwarder

A forwarder responsible for managing the export process.

ForestForwarder

The party responsible for transporting forest wood products from logging areas to roadside landings.

ForestHarvester

The party responsible for harvesting of forest wood products at logging areas.

Forwarder

The party responsible for shipping arrangements.

FreightPayer

The party responsible for paying freight.

Insurer

The party providing insurance coverage for the goods.

Landowner

The party who owns the land upon which the product was produced.

LoadingOperator

A party that is carrying out loading of transport units.

LoggingArea

A geographic location in the forest where logging takes place.

LogisticsBillTo

The address where the logistics invoice is to be sent.

LogisticsBuyer

The buyer of logistics services. The legal entity to which the service is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the “LogisticsPayer”, the “LogisticsBuyer” is the payer.

LogisticsBuyerAgent

The entity acting for the logistics buyer in the transaction.

LogisticsSeller

The seller of logistics services. LogisticsSupplier is the seller of the service, if logistics seller is not specified as OtherParty = LogisticsSeller

LogisticsSupplier

The party responsible for providing the service. LogisticsSupplier is also the seller of the service, if logistics seller is not specified as OtherParty = LogisticsSeller

LogisticsPayee

The party handling and receiving logistics payments on behalf of another party.

LogisticsPayer

The party handling and sending logistics payments of behalf of another party.

MainCarrier

The primary carrier involved in the movement of goods.

Measurer

The party that’s carrying out the measurement of the products quantity and/or quality.The party is doing this for example on behalf of both the buyer and seller and the result can be used as basis for invoicing.

Merchant

A third party buying and reselling products.

Mill

A production facility.

NotifyParty

A party that needs to be notified of the status of the transaction.

OnBehalfOf

The activity in question is being made on behalf of this party.

OrderParty

The organisation or business entity placing the order if different from the buyer party.

OriginalSupplier

The first supplier in a supply chain. OriginalSupplier is only intended to identify the business party, not the origin of the product.

Payee

The party handling and receiving payments on behalf of another party. (Not to be used for logistics payee, see LogisticsPayee.)

Payer

The party handling and sending payments of behalf of another party. (Not to be used for logistics payer, see LogisticsPayer.)

PlaceFinalDestination

The final destination of the goods.

PlaceOfAccept

The location where acceptance of the goods is to take place.

PlaceOfDespatch

The location where despatch took place.

PlaceOfDischarge

The location where the goods were unloaded.

PlaceOfLoading

The location where loading is to or took place.

PlaceOfMeasuring

The location where the products are measured.

PlaceOfReloading

A location where the goods where transferred from one transport type to another.

Port

The type of the origin or destination location of a transport leg in a route. It is a maritime location.

PreCarrier

The party responsible for activities prior to carrier accepting the goods (but after shipping has taken place).

PrinterFacility

The location of the printer who will be using the product.

ProFormaInvoice

The organisation or business entity to which the pro-forma invoice will be sent.

Producer

The manufacturer of the goods.

RemitTo

The organisation or business entity to which payment will be made.

Requestor

The originator of the original purchase order requisition (for example, a printing plant ordering through a central purchasing organisation).

RoadKeeper

The party who is responsible for the maintenance of the road.

RoadOwner

The party who is the legal owner of the road.

SalesAgent

The organisation or person responsible for product sales acting on behalf of the seller.

SalesOffice

The functional unit in an organisation or business entity that is responsible for product sales.

Seller

The seller of the product. SupplierParty is the seller of the product, if Seller is not specified as OtherParty = Seller. (Not to be used for logistics seller, see LogisticsSeller.)

ShipFromLocation

The location the goods were shipped from.

ShipOwner

The owner of the vessel used to ship the goods.

ShipTo

The address the material should be shipped to.

SubCarrier

A sub carrier of another the shipping company.

Supplier

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller. (Not to be used for logistics supplier, see LogisticsSupplier.)

Terminal

The type of the origin or destination location of a transport leg in a route. It can be a sea, road or rail terminal.

TerminalOperator

The party providing facilities such as loading, unloading, or warehousing.

UnloadingOperator

A party that is carrying out unloading of transport units.

Warehouse

A storage location. It can be the origin or destination location of a transport leg in a route.

WillAdvise

Indicates that party will be identified at a later time

Other

Any other organisation or business entity that may get involved in the transaction and that is not covered by the list.

(sequence)

The contents of (sequence) are mandatory. A single instance is required.

PartyIdentifier

PartyIdentifier is optional. Multiple instances might exist.

A unique identifier of a specific party. This element contains an attribute PartyIdentifierType that indicates the type of party.

NameAddress

NameAddress is mandatory. A single instance is required.

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

URL

URL is optional. A single instance might exist.

Universal Resource Locator. While typically a web address you could use this field to hold an email address.

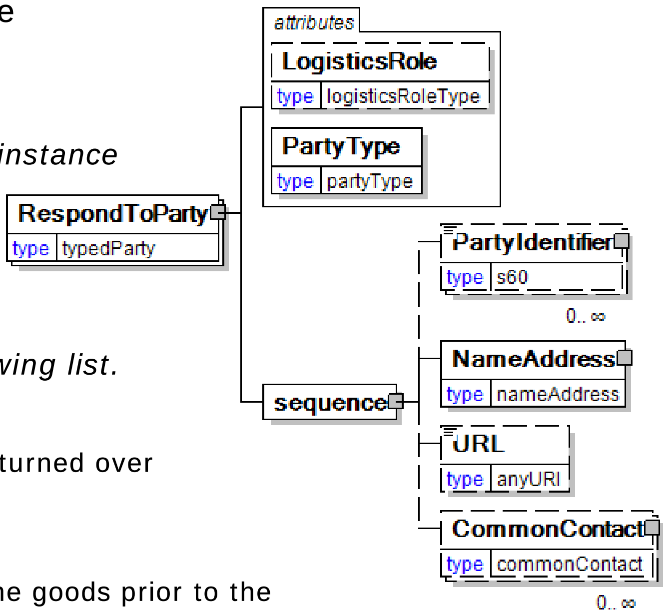
CommonContact

CommonContact is optional. Multiple instances might exist.

Identifies a specific individual associated with the party.

RespondToParty

The party the document should be responded to.



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BillTo

The address where the invoice is to be sent. (Not to be used for logistics BillTo, see LogisticsBillTo.)

BorderCrossing

A geographic location separating two countries authorised to validate customs documentation.

Broker

The organisation acting as a broker for the buyer or supplier.

Buyer

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the “Payer”, the “Buyer” is the “Payer”. (Not to be used for logistics buyer, see LogisticsBuyer.)

BuyerAgent

The entity acting for the buyer in the transaction. (Not to be used for logistics

BuyerAgent, see LogisticsBuyerAgent.)

Carrier

The organisation or business entity that transports goods.

CarrierAssignmentResponsible

The organisation to which the carrier has assigned some task.

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Vendor producing supplied components.

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The party responsible for credit authorization.

CrossDock

A third party involved in the transport of goods.

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A “virtual” location that indicates that the material is owned by the customer.

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Any customs agency.

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Forwarder

The party responsible for shipping arrangements.

FreightPayer

The party responsible for paying freight.

Insurer

The party providing insurance coverage for the goods.

Landowner

The party who owns the land upon which the product was produced.

LoadingOperator

A party that is carrying out loading of transport units.

LoggingArea

A geographic location in the forest where logging takes place.

LogisticsBillTo

The address where the logistics invoice is to be sent.

LogisticsBuyer

The buyer of logistics services. The legal entity to which the service is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the “LogisticsPayer”, the “LogisticsBuyer” is the payer.

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The entity acting for the logistics buyer in the transaction.

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The seller of logistics services. LogisticsSupplier is the seller of the service, if logistics seller is not specified as OtherParty = LogisticsSeller

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The party responsible for providing the service. LogisticsSupplier is also the seller of the service, if logistics seller is not specified as OtherParty = LogisticsSeller

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The party handling and receiving logistics payments on behalf of another party.

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MainCarrier

The primary carrier involved in the movement of goods.

Measurer

The party that’s carrying out the measurement of the products quantity and/or quality.The party is doing this for example on behalf of both the buyer and seller and the result can be used as basis for invoicing.

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A third party buying and reselling products.

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The activity in question is being made on behalf of this party.

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The first supplier in a supply chain. OriginalSupplier is only intended to identify the business party, not the origin of the product.

Payee

The party handling and receiving payments on behalf of another party. (Not to be used for logistics payee, see LogisticsPayee.)

Payer

The party handling and sending payments of behalf of another party. (Not to be used for logistics payer, see LogisticsPayer.)

PlaceFinalDestination

The final destination of the goods.

PlaceOfAccept

The location where acceptance of the goods is to take place.

PlaceOfDespatch

The location where despatch took place.

PlaceOfDischarge

The location where the goods were unloaded.

PlaceOfLoading

The location where loading is to or took place.

PlaceOfMeasuring

The location where the products are measured.

PlaceOfReloading

A location where the goods where transferred from one transport type to another.

Port

The type of the origin or destination location of a transport leg in a route. It is a maritime location.

PreCarrier

The party responsible for activities prior to carrier accepting the goods (but after shipping has taken place).

PrinterFacility

The location of the printer who will be using the product.

ProFormaInvoice

The organisation or business entity to which the pro-forma invoice will be sent.

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RoadOwner

The party who is the legal owner of the road.

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The organisation or person responsible for product sales acting on behalf of the seller.

SalesOffice

The functional unit in an organisation or business entity that is responsible for product sales.

Seller

The seller of the product. SupplierParty is the seller of the product, if Seller is not specified as OtherParty = Seller. (Not to be used for logistics seller, see LogisticsSeller.)

ShipFromLocation

The location the goods were shipped from.

ShipOwner

The owner of the vessel used to ship the goods.

ShipTo

The address the material should be shipped to.

SubCarrier

A sub carrier of another the shipping company.

Supplier

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller. (Not to be used for logistics supplier, see LogisticsSupplier.)

Terminal

The type of the origin or destination location of a transport leg in a route. It can be a sea, road or rail terminal.

TerminalOperator

The party providing facilities such as loading, unloading, or warehousing.

UnloadingOperator

A party that is carrying out unloading of transport units.

Warehouse

A storage location. It can be the origin or destination location of a transport leg in a route.

WillAdvise

Indicates that party will be identified at a later time

Other

Any other organisation or business entity that may get involved in the transaction and that is not covered by the list.

(sequence)

The contents of (sequence) are mandatory. A single instance is required.

PartyIdentifier

PartyIdentifier is optional. Multiple instances might exist.

A unique identifier of a specific party. This element contains an attribute PartyIdentifierType that indicates the type of party.

NameAddress

NameAddress is mandatory. A single instance is required.

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

URL

URL is optional. A single instance might exist.

Universal Resource Locator. While typically a web address you could use this field to hold an email address.

CommonContact

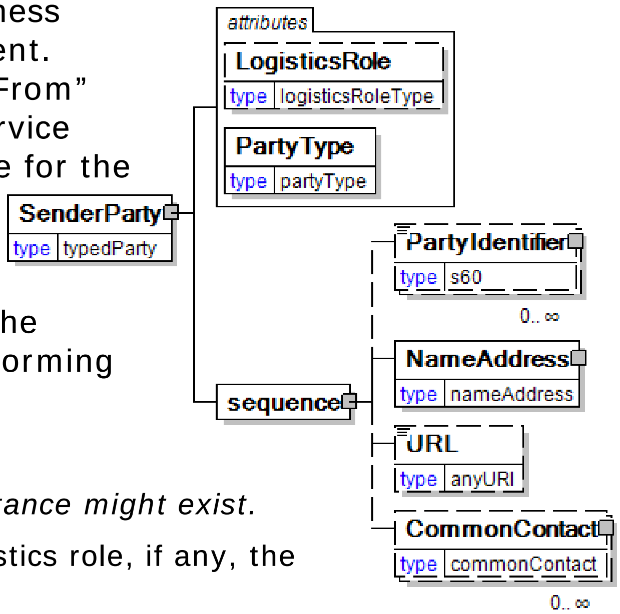
CommonContact is optional. Multiple instances might exist.

Identifies a specific individual associated with the party.

SenderParty

The business entity issuing the business document, the source of the document.

- This is the same entity as the “From” party in the ebXML message service envelope. The entity responsible for the content. If the sender party has out sourced the transmission function to a third party the sender party is the original party not the party performing the transmission service.



LogisticsRole [attribute]

LogisticsRole is optional. A single instance might exist.

Communicates the nature of the logistics role, if any, the party plays in the transaction.

This item is restricted to the following list.

Consignee

The party to whom the goods are turned over to.

Consignor

The party who is responsible for the goods prior to the shipping process.

LogisticsProvider

The party who, by contract with the consignor, takes care of the requested logistics service (transport or others).

PartyType [attribute]

PartyType is mandatory. A single instance is required.

Identifies the business role associated with the particular party

This item is restricted to the following list.

Auditor

A third party that is authorized for making audits and checkings.

Bank

The banking representative.

BillTo

The address where the invoice is to be sent. (Not to be used for logistics BillTo, see LogisticsBillTo.)

BorderCrossing

A geographic location separating two countries authorised to validate customs documentation.

Broker

The organisation acting as a broker for the buyer or supplier.

Buyer

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the “Payer”, the “Buyer” is the “Payer”. (Not to be used for logistics buyer, see LogisticsBuyer.)

BuyerAgent

The entity acting for the buyer in the transaction. (Not to be used for logistics BuyerAgent, see LogisticsBuyerAgent.)

Carrier

The organisation or business entity that transports goods.

CarrierAssignmentResponsible

The organisation to which the carrier has assigned some task.

ComponentVendor

Vendor producing supplied components.

Consignee

To be deprecated in version 3.0 (no date determined). Use LogisticsRole attribute to communicate this information.

Consignor

To be deprecated in version 3.0 (no date determined). Use LogisticsRole attribute to communicate this information.

Consuming

The eventual consumer of the material

Converter

The organisation responsible for changing one form of paper into another form, providing specialised functions not available to the supplier.

CreditDepartment

The party responsible for credit authorization.

CrossDock

A third party involved in the transport of goods.

CustomerFacility

The type of the origin or destination location of a transport leg in a route is a buyer facility, usually a print site, or a warehouse owned by the buyer.

CustomerStock

A “virtual” location that indicates that the material is owned by the customer.

Customs

Any customs agency.

CustomsForwarder

A forwarder responsible for managing the transfer of goods through customs.

DomesticForwarder

A forwarder responsible for managing the transfer of goods.

EndUser

EndUser is the party using, consuming, or converting the product. For example, a printer using paper reels to print a job for a publisher (printer is the end user). The final ShipTo destination for a product is normally to the EndUser facilities.

ExportForwarder

A forwarder responsible for managing the export process.

ForestForwarder

The party responsible for transporting forest wood products from logging areas to roadside landings.

ForestHarvester

The party responsible for harvesting of forest wood products at logging areas.

Forwarder

The party responsible for shipping arrangements.

FreightPayer

The party responsible for paying freight.

Insurer

The party providing insurance coverage for the goods.

Landowner

The party who owns the land upon which the product was produced.

LoadingOperator

A party that is carrying out loading of transport units.

LoggingArea

A geographic location in the forest where logging takes place.

LogisticsBillTo

The address where the logistics invoice is to be sent.

LogisticsBuyer

The buyer of logistics services. The legal entity to which the service is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the “LogisticsPayer”, the “LogisticsBuyer” is the payer.

LogisticsBuyerAgent

The entity acting for the logistics buyer in the transaction.

LogisticsSeller

The seller of logistics services. LogisticsSupplier is the seller of the service, if logistics seller is not specified as OtherParty = LogisticsSeller

LogisticsSupplier

The party responsible for providing the service. LogisticsSupplier is also the seller of the service, if logistics seller is not specified as OtherParty = LogisticsSeller

LogisticsPayee

The party handling and receiving logistics payments on behalf of another party.

LogisticsPayer

The party handling and sending logistics payments of behalf of another party.

MainCarrier

The primary carrier involved in the movement of goods.

Measurer

The party that’s carrying out the measurement of the products quantity and/or quality.The party is doing this for example on behalf of both the buyer and seller and the result can be used as basis for invoicing.

Merchant

A third party buying and reselling products.

Mill

A production facility.

NotifyParty

A party that needs to be notified of the status of the transaction.

OnBehalfOf

The activity in question is being made on behalf of this party.

OrderParty

The organisation or business entity placing the order if different from the buyer party.

OriginalSupplier

The first supplier in a supply chain. OriginalSupplier is only intended to identify the business party, not the origin of the product.

Payee

The party handling and receiving payments on behalf of another party. (Not to be used for logistics payee, see LogisticsPayee.)

Payer

The party handling and sending payments of behalf of another party. (Not to be used for logistics payer, see LogisticsPayer.)

PlaceFinalDestination

The final destination of the goods.

PlaceOfAccept

The location where acceptance of the goods is to take place.

PlaceOfDespatch

The location where despatch took place.

PlaceOfDischarge

The location where the goods were unloaded.

PlaceOfLoading

The location where loading is to or took place.

PlaceOfMeasuring

The location where the products are measured.

PlaceOfReloading

A location where the goods where transferred from one transport type to another.

Port

The type of the origin or destination location of a transport leg in a route. It is a maritime location.

PreCarrier

The party responsible for activities prior to carrier accepting the goods (but after shipping has taken place).

PrinterFacility

The location of the printer who will be using the product.

ProFormaInvoice

The organisation or business entity to which the pro-forma invoice will be sent.

Producer

The manufacturer of the goods.

RemitTo

The organisation or business entity to which payment will be made.

Requestor

The originator of the original purchase order requisition (for example, a printing plant ordering through a central purchasing organisation).

RoadKeeper

The party who is responsible for the maintenance of the road.

RoadOwner

The party who is the legal owner of the road.

SalesAgent

The organisation or person responsible for product sales acting on behalf of the seller.

SalesOffice

The functional unit in an organisation or business entity that is responsible for product sales.

Seller

The seller of the product. SupplierParty is the seller of the product, if Seller is not specified as OtherParty = Seller. (Not to be used for logistics seller, see LogisticsSeller.)

ShipFromLocation

The location the goods were shipped from.

ShipOwner

The owner of the vessel used to ship the goods.

ShipTo

The address the material should be shipped to.

SubCarrier

A sub carrier of another the shipping company.

Supplier

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller. (Not to be used for logistics supplier, see LogisticsSupplier.)

Terminal

The type of the origin or destination location of a transport leg in a route. It can be a sea, road or rail terminal.

TerminalOperator

The party providing facilities such as loading, unloading, or warehousing.

UnloadingOperator

A party that is carrying out unloading of transport units.

Warehouse

A storage location. It can be the origin or destination location of a transport leg in a route.

WillAdvise

Indicates that party will be identified at a later time

Other

Any other organisation or business entity that may get involved in the transaction and that is not covered by the list.

(sequence)

The contents of (sequence) are mandatory. A single instance is required.

PartyIdentifier

PartyIdentifier is optional. Multiple instances might exist.

A unique identifier of a specific party. This element contains an attribute PartyIdentifierType that indicates the type of party.

NameAddress

NameAddress is mandatory. A single instance is required.

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

URL

URL is optional. A single instance might exist.

Universal Resource Locator. While typically a web address you could use this field to hold an email address.

CommonContact

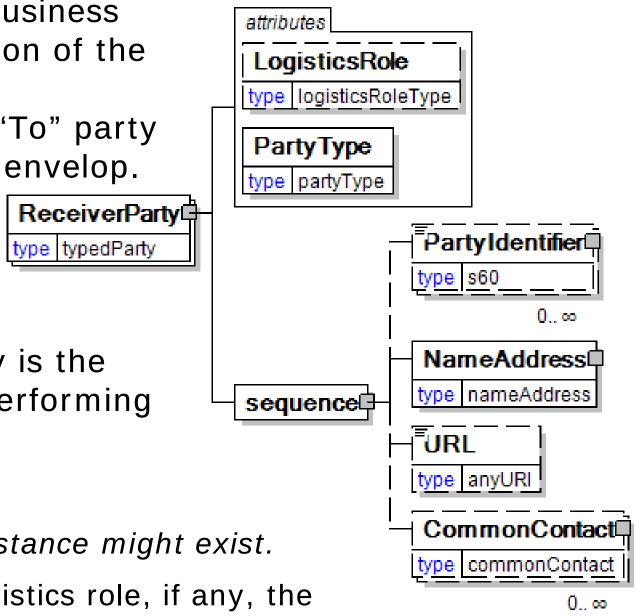
CommonContact is optional. Multiple instances might exist.

Identifies a specific individual associated with the party.

ReceiverParty

The business entity for whom the business document is intended, the destination of the document.

- This is the same entity as the "To" party in the ebXML message service envelop. The entity interested in the content. If the receiver party has outsourced the message receipt function to a third party the receiver party is the intended party not the party performing the receiving process.



LogisticsRole [attribute]

LogisticsRole is optional. A single instance might exist.

Communicates the nature of the logistics role, if any, the party plays in the transaction.

This item is restricted to the following list.

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The party to whom the goods are turned over to.

Consignor

The party who is responsible for the goods prior to the shipping process.

LogisticsProvider

The party who, by contract with the consignor, takes care of the requested logistics service (transport or others).

PartyType [attribute]

PartyType is mandatory. A single instance is required.

Identifies the business role associated with the particular party

This item is restricted to the following list.

Auditor

A third party that is authorized for making audits and checkings.

Bank

The banking representative.

BillTo

The address where the invoice is to be sent. (Not to be used for logistics BillTo, see LogisticsBillTo.)

BorderCrossing

A geographic location separating two countries authorised to validate customs documentation.

Broker

The organisation acting as a broker for the buyer or supplier.

Buyer

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the “Payer”, the “Buyer” is the “Payer”. (Not to be used for logistics buyer, see LogisticsBuyer.)

BuyerAgent

The entity acting for the buyer in the transaction. (Not to be used for logistics BuyerAgent, see LogisticsBuyerAgent.)

Carrier

The organisation or business entity that transports goods.

CarrierAssignmentResponsible

The organisation to which the carrier has assigned some task.

ComponentVendor

Vendor producing supplied components.

Consignee

To be deprecated in version 3.0 (no date determined). Use LogisticsRole attribute to communicate this information.

Consignor

To be deprecated in version 3.0 (no date determined). Use LogisticsRole attribute to communicate this information.

Consuming

The eventual consumer of the material

Converter

The organisation responsible for changing one form of paper into another form, providing specialised functions not available to the supplier.

CreditDepartment

The party responsible for credit authorization.

CrossDock

A third party involved in the transport of goods.

CustomerFacility

The type of the origin or destination location of a transport leg in a route is a buyer facility, usually a print site, or a warehouse owned by the buyer.

CustomerStock

A “virtual” location that indicates that the material is owned by the customer.

Customs

Any customs agency.

CustomsForwarder

A forwarder responsible for managing the transfer of goods through customs.

DomesticForwarder

A forwarder responsible for managing the transfer of goods.

EndUser

EndUser is the party using, consuming, or converting the product. For example, a printer using paper reels to print a job for a publisher (printer is the end user). The final ShipTo destination for a product is normally to the EndUser facilities.

ExportForwarder

A forwarder responsible for managing the export process.

ForestForwarder

The party responsible for transporting forest wood products from logging areas to roadside landings.

ForestHarvester

The party responsible for harvesting of forest wood products at logging areas.

Forwarder

The party responsible for shipping arrangements.

FreightPayer

The party responsible for paying freight.

Insurer

The party providing insurance coverage for the goods.

Landowner

The party who owns the land upon which the product was produced.

LoadingOperator

A party that is carrying out loading of transport units.

LoggingArea

A geographic location in the forest where logging takes place.

LogisticsBillTo

The address where the logistics invoice is to be sent.

LogisticsBuyer

The buyer of logistics services. The legal entity to which the service is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the “LogisticsPayer”, the “LogisticsBuyer” is the payer.

LogisticsBuyerAgent

The entity acting for the logistics buyer in the transaction.

LogisticsSeller

The seller of logistics services. LogisticsSupplier is the seller of the service, if logistics seller is not specified as OtherParty = LogisticsSeller

LogisticsSupplier

The party responsible for providing the service. LogisticsSupplier is also the seller of the service, if logistics seller is not specified as OtherParty = LogisticsSeller

LogisticsPayee

The party handling and receiving logistics payments on behalf of another party.

LogisticsPayer

The party handling and sending logistics payments of behalf of another party.

MainCarrier

The primary carrier involved in the movement of goods.

Measurer

The party that’s carrying out the measurement of the products quantity and/or quality.The party is doing this for example on behalf of both the buyer and seller and the result can be used as basis for invoicing.

Merchant

A third party buying and reselling products.

Mill

A production facility.

NotifyParty

A party that needs to be notified of the status of the transaction.

OnBehalfOf

The activity in question is being made on behalf of this party.

OrderParty

The organisation or business entity placing the order if different from the buyer party.

OriginalSupplier

The first supplier in a supply chain. OriginalSupplier is only intended to identify the business party, not the origin of the product.

Payee

The party handling and receiving payments on behalf of another party. (Not to be used for logistics payee, see LogisticsPayee.)

Payer

The party handling and sending payments of behalf of another party. (Not to be used for logistics payer, see LogisticsPayer.)

PlaceFinalDestination

The final destination of the goods.

PlaceOfAccept

The location where acceptance of the goods is to take place.

PlaceOfDespatch

The location where despatch took place.

PlaceOfDischarge

The location where the goods were unloaded.

PlaceOfLoading

The location where loading is to or took place.

PlaceOfMeasuring

The location where the products are measured.

PlaceOfReloading

A location where the goods where transferred from one transport type to another.

Port

The type of the origin or destination location of a transport leg in a route. It is a maritime location.

PreCarrier

The party responsible for activities prior to carrier accepting the goods (but after shipping has taken place).

PrinterFacility

The location of the printer who will be using the product.

ProFormaInvoice

The organisation or business entity to which the pro-forma invoice will be sent.

Producer

The manufacturer of the goods.

RemitTo

The organisation or business entity to which payment will be made.

Requestor

The originator of the original purchase order requisition (for example, a printing plant ordering through a central purchasing organisation).

RoadKeeper

The party who is responsible for the maintenance of the road.

RoadOwner

The party who is the legal owner of the road.

SalesAgent

The organisation or person responsible for product sales acting on behalf of the seller.

SalesOffice

The functional unit in an organisation or business entity that is responsible for product sales.

Seller

The seller of the product. SupplierParty is the seller of the product, if Seller is not specified as OtherParty = Seller. (Not to be used for logistics seller, see LogisticsSeller.)

ShipFromLocation

The location the goods were shipped from.

ShipOwner

The owner of the vessel used to ship the goods.

ShipTo

The address the material should be shipped to.

SubCarrier

A sub carrier of another the shipping company.

Supplier

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller. (Not to be used for logistics supplier, see LogisticsSupplier.)

Terminal

The type of the origin or destination location of a transport leg in a route. It can be a sea, road or rail terminal.

TerminalOperator

The party providing facilities such as loading, unloading, or warehousing.

UnloadingOperator

A party that is carrying out unloading of transport units.

Warehouse

A storage location. It can be the origin or destination location of a transport leg in a route.

WillAdvise

Indicates that party will be identified at a later time

Other

Any other organisation or business entity that may get involved in the transaction and that is not covered by the list.

(sequence)

The contents of (sequence) are mandatory. A single instance is required.

PartyIdentifier

PartyIdentifier is optional. Multiple instances might exist.

A unique identifier of a specific party. This element contains an attribute PartyIdentifierType that indicates the type of party.

NameAddress

NameAddress is mandatory. A single instance is required.

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

URL

URL is optional. A single instance might exist.

Universal Resource Locator. While typically a web address you could use this field to hold an email address.

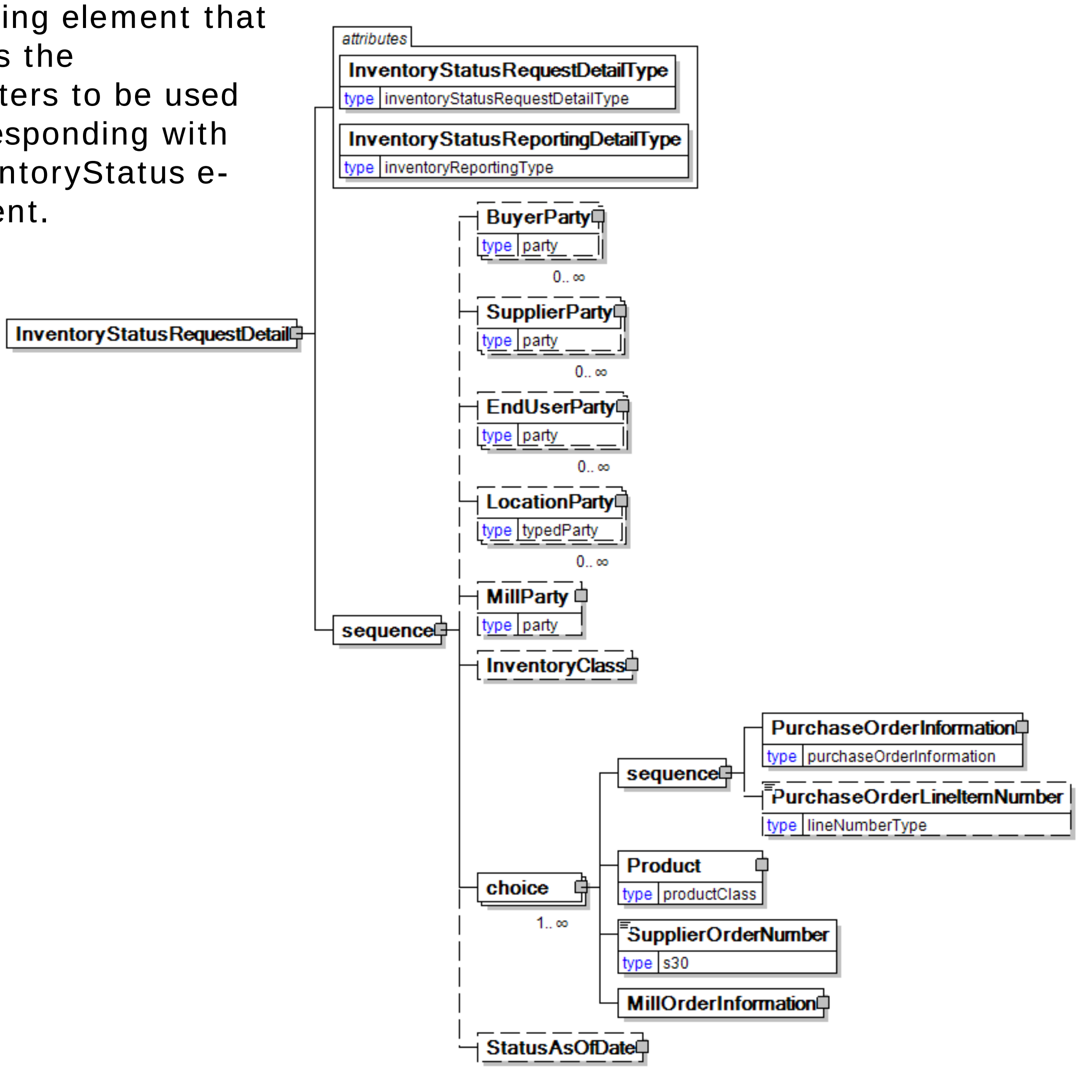
CommonContact

CommonContact is optional. Multiple instances might exist.

Identifies a specific individual associated with the party.

InventoryStatusRequestDetail

A grouping element that provides the parameters to be used when responding with an InventoryStatus e-Document.



InventoryStatusRequestDetailType [attribute]

InventoryStatusRequestDetailType is mandatory. A single instance is required.

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

This item is restricted to the following list.

ByMillOrder

By the mill order number and mill order line item number the material was manufactured. MillParty has also to be be specified in ByMillOrderInformation to defined the mill order origin.

ByProduct

By product

ByPurchaseOrder

By the purchase order the material was ordered

BySupplierOrderNumber

By the order the material was manufactured

InventoryStatusReportingDetailType [attribute]

InventoryStatusReportingDetailType is mandatory. A single instance is required.

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

This item is restricted to the following list.

AggregatedInventory

Inventory is to be reported in summary.

DetailedInventory

Inventory is reported in detail (using the InventoryStatusLineItemDetail element).

(sequence)

The contents of (sequence) are mandatory. A single instance is required.

BuyerParty

BuyerParty is optional. Multiple instances might exist.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

SupplierParty

SupplierParty is optional. Multiple instances might exist.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

EndUserParty

EndUserParty is optional. Multiple instances might exist.

The party using, consuming, or converting the product. For example, a printer using paper reels for a print job for a publisher. The final ShipTo destination for a product is normally to the end user’s facilities.

LocationParty

LocationParty is optional. Multiple instances might exist.

The organization or business entity where the business event took place or will take place.

MillParty

MillParty is optional. A single instance might exist.

The organisation or business entity that actually produces the product.

InventoryClass

InventoryClass is optional. A single instance might exist.

A group item containing information about status of inventory and goods items.

(choice)

The contents of (choice) are mandatory. One instance is required, multiple instances might exist.

(sequence)

The contents of (sequence) are mandatory. A single instance is required.

PurchaseOrderInformation

PurchaseOrderInformation is mandatory. A single instance is required.

A group item containing information unique to this purchase order, which is provided by the buyer. PurchaseOrderInformation can be optional in the supply chain. Invoices are created without having a Purchase Order in Vendor Managed Inventory. Freight invoices also will not have a Purchase Order number.

PurchaseOrderLineItemNumber

PurchaseOrderLineItemNumber is optional. A single instance might exist.

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

Product

Product is mandatory. A single instance is required.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

SupplierOrderNumber

SupplierOrderNumber is mandatory. A single instance is required.

The number of the supplier order.

MillOrderInformation

MillOrderInformation is mandatory. A single instance is required.

A group item containing information unique to a mill order.

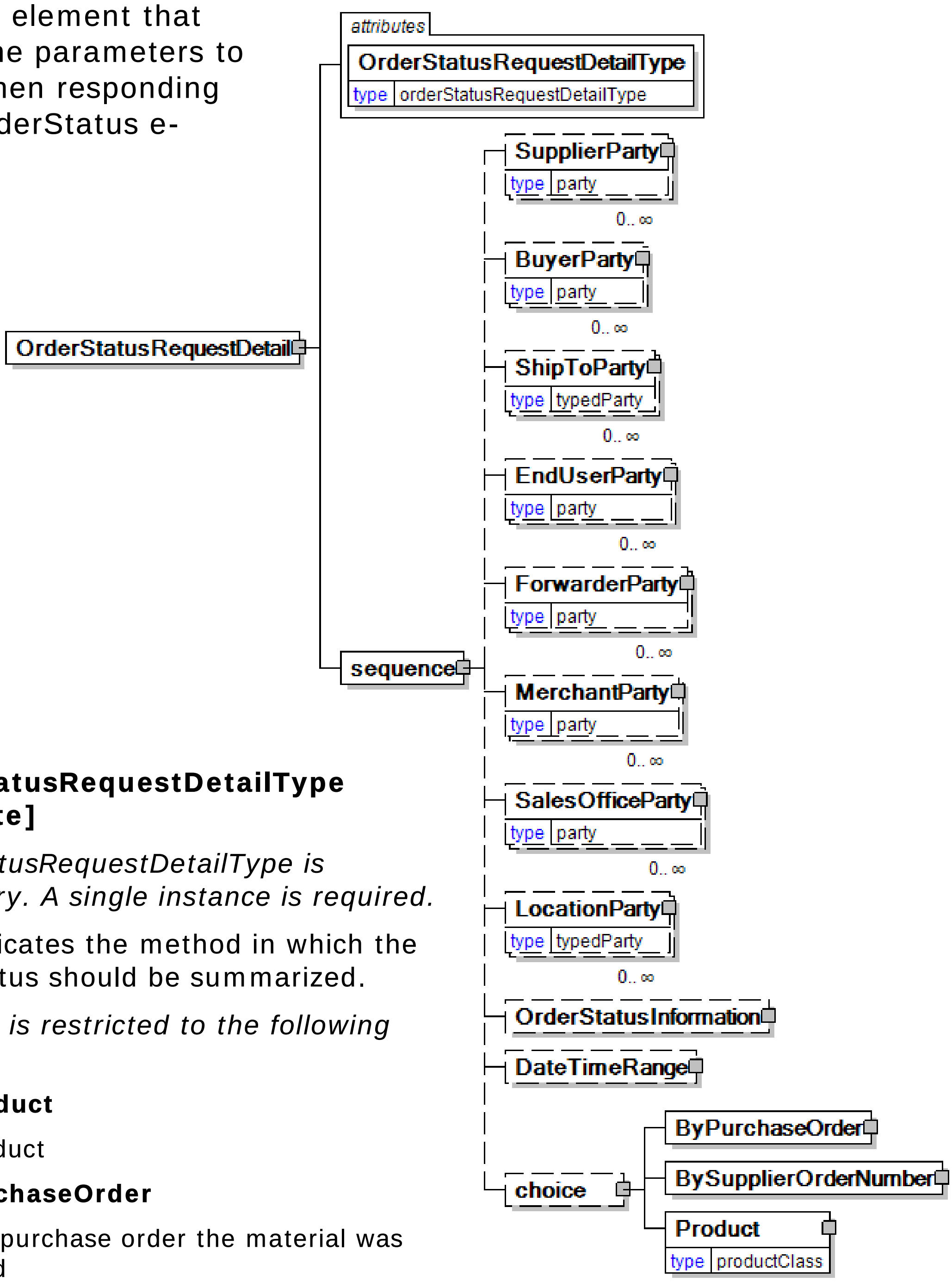
StatusAsOfDate

StatusAsOfDate is optional. A single instance might exist.

The specific Date and Time for which status is requested. This implies that all open transactions have closed for the date before the status is reported.

OrderStatusRequestDetail

A grouping element that provides the parameters to be used when responding with an OrderStatus e-Document.



OrderStatusRequestDetailType [attribute]

OrderStatusRequestDetailType is mandatory. A single instance is required.

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

This item is restricted to the following list.

ByProduct

By product

ByPurchaseOrder

By the purchase order the material was ordered

BySupplierOrderNumber

By the order the material was manufactured

(sequence)

The contents of (sequence) are mandatory. A single instance is required.

SupplierParty

SupplierParty is optional. Multiple instances might exist.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

BuyerParty

BuyerParty is optional. Multiple instances might exist.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

ShipToParty

ShipToParty is optional. Multiple instances might exist.

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

EndUserParty

EndUserParty is optional. Multiple instances might exist.

The party using, consuming, or converting the product. For example, a printer using paper reels for a print job for a publisher. The final ShipTo destination for a product is normally to the end user's facilities.

ForwarderParty

ForwarderParty is optional. Multiple instances might exist.

The trading partner involved in the forwarding of the shipment.

MerchantParty

MerchantParty is optional. Multiple instances might exist.

This named party represents the merchant involved in the business transaction. This party is only used in the communication of Order Status otherwise it is handled via OtherParty.

SalesOfficeParty

SalesOfficeParty is optional. Multiple instances might exist.

This named party represents the sales office involved in the business transaction. This party is only used in the communication of Order Status otherwise it is handled via OtherParty.

LocationParty

LocationParty is optional. Multiple instances might exist.

The organization or business entity where the business event took place or will take place.

OrderStatusInformation

OrderStatusInformation is optional. A single instance might exist.

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

DateTimeRange

DateTimeRange is optional. A single instance might exist.

Specifies a date and/or time range.

(choice)

The contents of (choice) are optional. A single instance might exist.

ByPurchaseOrder

ByPurchaseOrder is mandatory. A single instance is required.

Selection criteria for communicating Purchase Order information.

BySupplierOrderNumber

BySupplierOrderNumber is mandatory. A single instance is required.

Selection criteria for communicating Supplier Order information

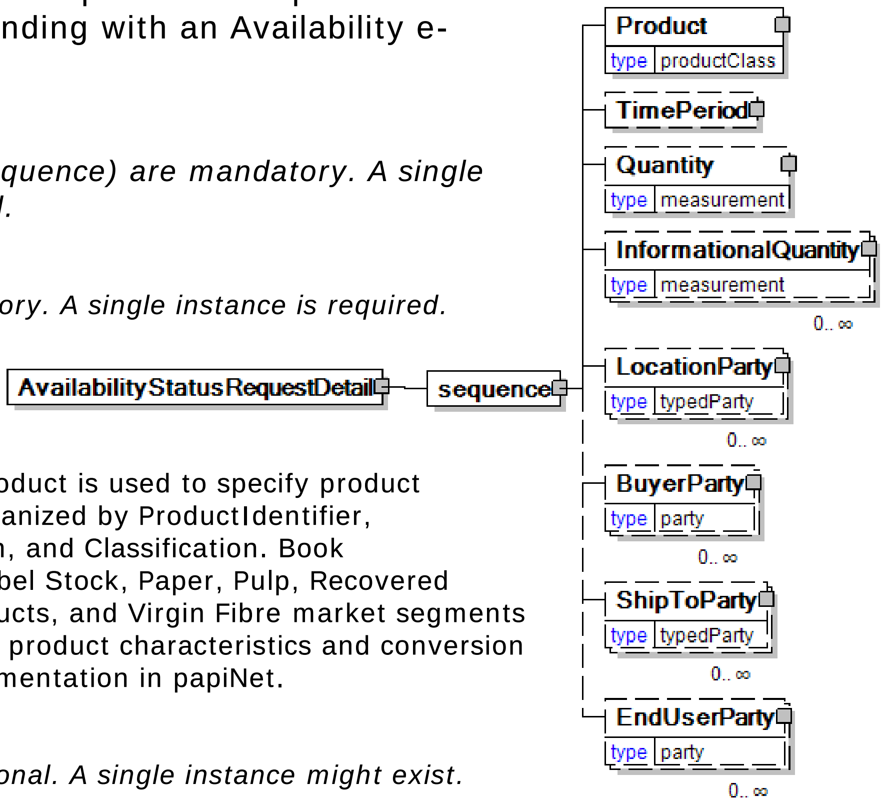
Product

Product is mandatory. A single instance is required.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

AvailabilityStatusRequestDetail

A grouping element that provides the parameters to be used when responding with an Availability e-Document.



(sequence)

The contents of (sequence) are mandatory. A single instance is required.

Product

Product is mandatory. A single instance is required.

Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

TimePeriod

TimePeriod is optional. A single instance might exist.

The TimePeriod element is used to communicate a duration period of time as indicated in PeriodType.

Quantity

Quantity is optional. A single instance might exist.

The Quantity element contains attributes that provide information about the type of quantity that is being communicated, the context in which the particular quantity is to be viewed, and (if the quantity represents an adjustment) an adjustment type.

The Quantity element contains three child elements that enable you to communicate a range of values for the quantity and a target or actual value. It is at this level (Value, RangeMin, and RangeMax) that the unit of measure is specified. This permits the range to be specified in a different unit of measure than the target.

InformationalQuantity

InformationalQuantity is optional. Multiple instances might exist.

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

LocationParty

LocationParty is optional. Multiple instances might exist.

The organization or business entity where the business event took place or will take place.

BuyerParty

BuyerParty is optional. Multiple instances might exist.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

ShipToParty

ShipToParty is optional. Multiple instances might exist.

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

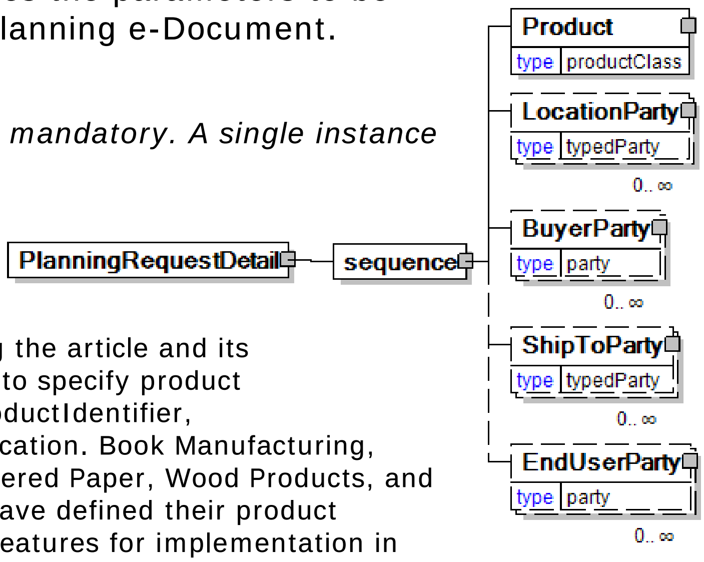
EndUserParty

EndUserParty is optional. Multiple instances might exist.

The party using, consuming, or converting the product. For example, a printer using paper reels for a print job for a publisher. The final ShipTo destination for a product is normally to the end user's facilities.

PlanningRequestDetail

A grouping element that provides the parameters to be used when responding with a Planning e-Document.



(sequence)

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Product

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Product is a group item defining the article and its characteristics. Product is used to specify product characteristics organized by ProductIdentifier, ProductDescription, and Classification. Book Manufacturing, Label Stock, Paper, Pulp, Recovered Paper, Wood Products, and Virgin Fibre market segments have defined their product characteristics and conversion features for implementation in papiNet.

LocationParty

LocationParty is optional. Multiple instances might exist.

The organization or business entity where the business event took place or will take place.

BuyerParty

BuyerParty is optional. Multiple instances might exist.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

ShipToParty

ShipToParty is optional. Multiple instances might exist.

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

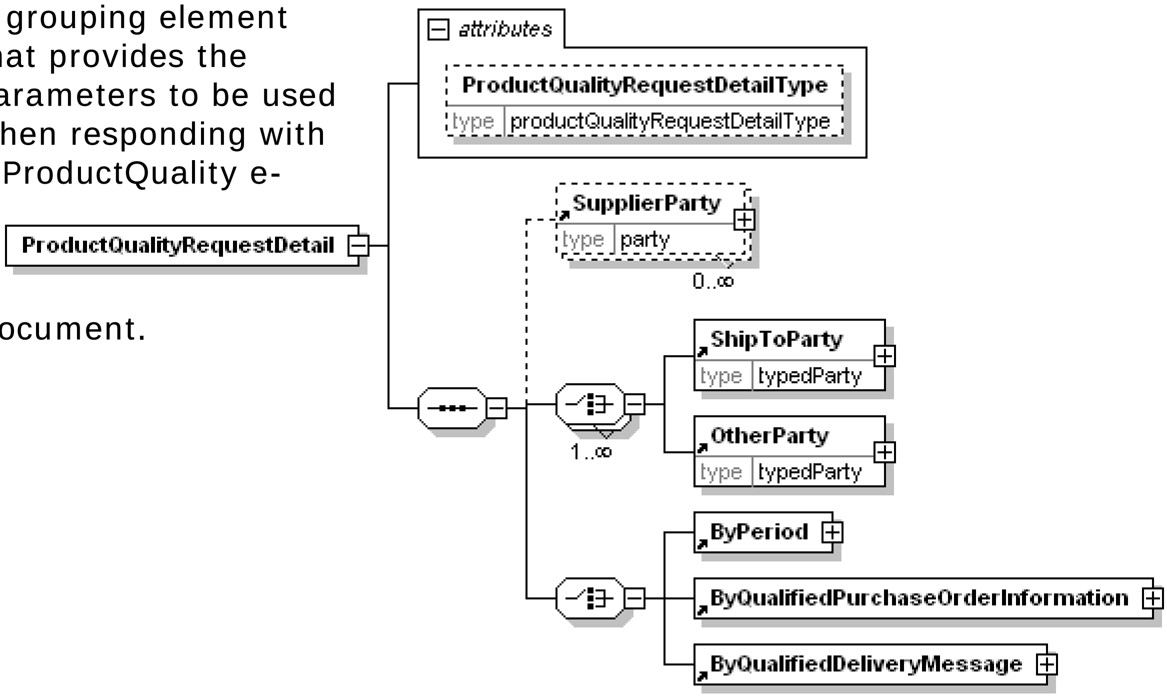
EndUserParty

EndUserParty is optional. Multiple instances might exist.

The party using, consuming, or converting the product. For example, a printer using paper reels for a print job for a publisher. The final ShipTo destination for a product is normally to the end user’s facilities.

ProductQualityRequestDetail

A grouping element that provides the parameters to be used when responding with a ProductQuality e-Document.



ProductQualityRequestDetailType [attribute]

ProductQualityRequestDetailType is optional. A single instance might exist.

Communicates the method in which the order status has been, or should be, summarized.

This item is restricted to the following list.

ByPeriod

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

ByQualifiedPurchaseOrderInformation

By a purchase order that has additional items associated with it. (The PO has been differentiated, or qualified, by these items.)

ByShipment

By shipment

(sequence)

The contents of (sequence) are mandatory. A single instance is required.

SupplierParty

SupplierParty is optional. Multiple instances might exist.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

(choice)

The contents of (choice) are mandatory. One instance is required, multiple instances might exist.

ShipToParty

ShipToParty is mandatory. A single instance is required.

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

OtherParty

OtherParty is mandatory. A single instance is required.

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

(choice)

The contents of (choice) are mandatory. A single instance is required.

ByPeriod

ByPeriod is mandatory. A single instance is required.

This element is mutually exclusive of ByQualifiedPurchaseOrderInformation and ByQualifiedDeliveryMessage.

ByQualifiedPurchaseOrderInformation

ByQualifiedPurchaseOrderInformation is mandatory. A single instance is required.

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

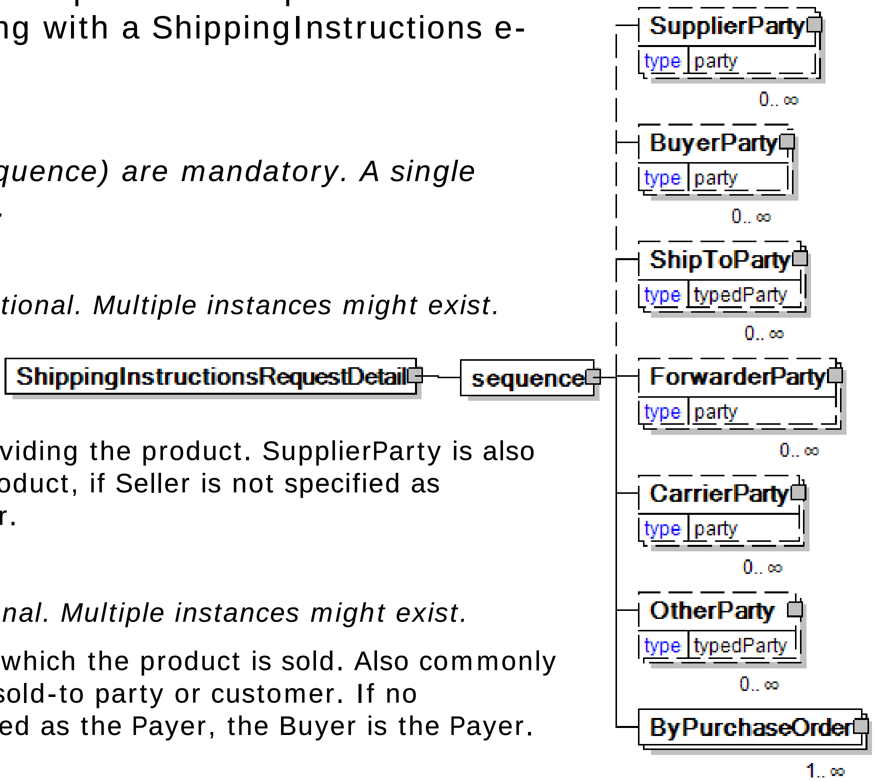
ByQualifiedDeliveryMessage

ByQualifiedDeliveryMessage is mandatory. A single instance is required.

ByQualifiedDeliveryMessage is a conditional element. This element is mutually exclusive of ByQualifiedPurchaseOrderInformation and ByPeriod. The use of the term “qualified” is to indicate that DeliveryMessageNumber is qualified by the use of DeliveryMessageLineItemNumber.

ShippingInstructionsRequestDetail

A grouping element that provides the parameters to be used when responding with a ShippingInstructions e-Document.



(sequence)

The contents of (sequence) are mandatory. A single instance is required.

SupplierParty

SupplierParty is optional. Multiple instances might exist.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

BuyerParty

BuyerParty is optional. Multiple instances might exist.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

ShipToParty

ShipToParty is optional. Multiple instances might exist.

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

ForwarderParty

ForwarderParty is optional. Multiple instances might exist.

The trading partner involved in the forwarding of the shipment.

CarrierParty

CarrierParty is optional. Multiple instances might exist.

The party performing the transport of the product from the pickup location to the ship-to location; could be a hauler.

OtherParty

OtherParty is optional. Multiple instances might exist.

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

ByPurchaseOrder

ByPurchaseOrder is mandatory. One instance is required, multiple instances might exist.

Selection criteria for communicating Purchase Order information.

ShipmentStatusRequestDetail

A grouping element that provides the parameters to be used when responding with a ShipmentStatus e-Document.

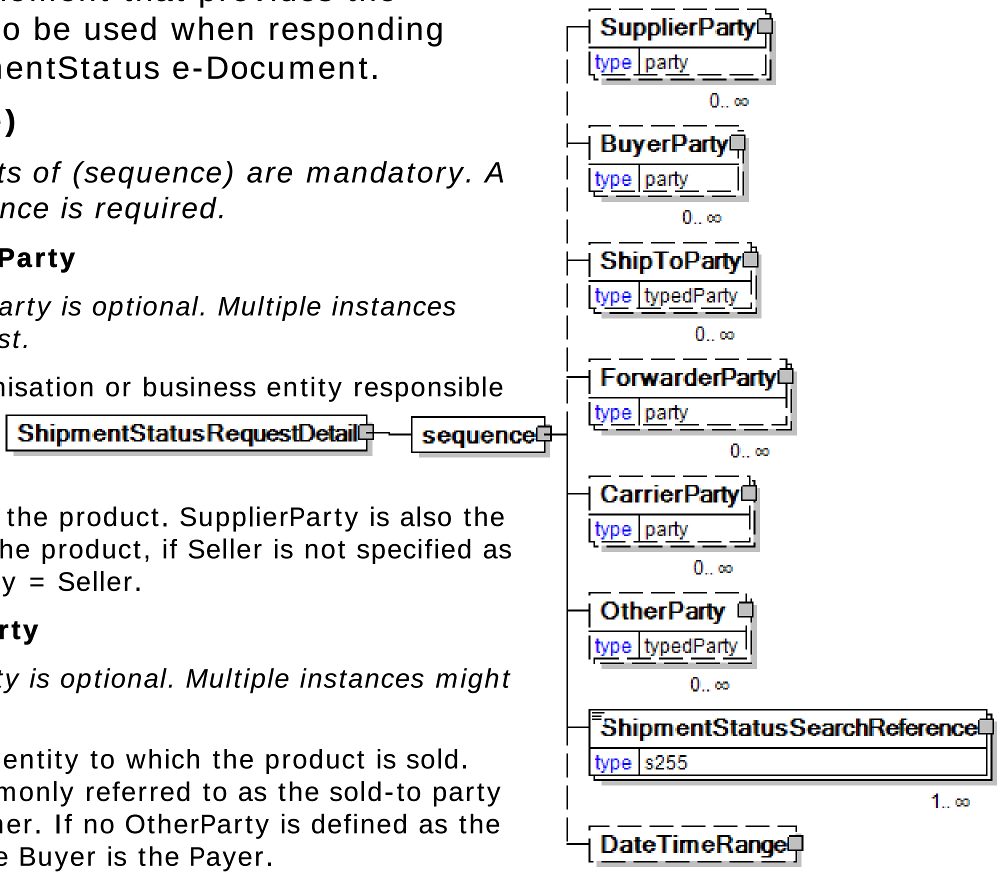
(sequence)

The contents of (sequence) are mandatory. A single instance is required.

SupplierParty

SupplierParty is optional. Multiple instances might exist.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.



BuyerParty

BuyerParty is optional. Multiple instances might exist.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

ShipToParty

ShipToParty is optional. Multiple instances might exist.

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

ForwarderParty

ForwarderParty is optional. Multiple instances might exist.

The trading partner involved in the forwarding of the shipment.

CarrierParty

CarrierParty is optional. Multiple instances might exist.

The party performing the transport of the product from the pickup location to the ship-to location; could be a hauler.

OtherParty

OtherParty is optional. Multiple instances might exist.

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

ShipmentStatusSearchReference

ShipmentStatusSearchReference is mandatory. One instance is required, multiple instances might exist.

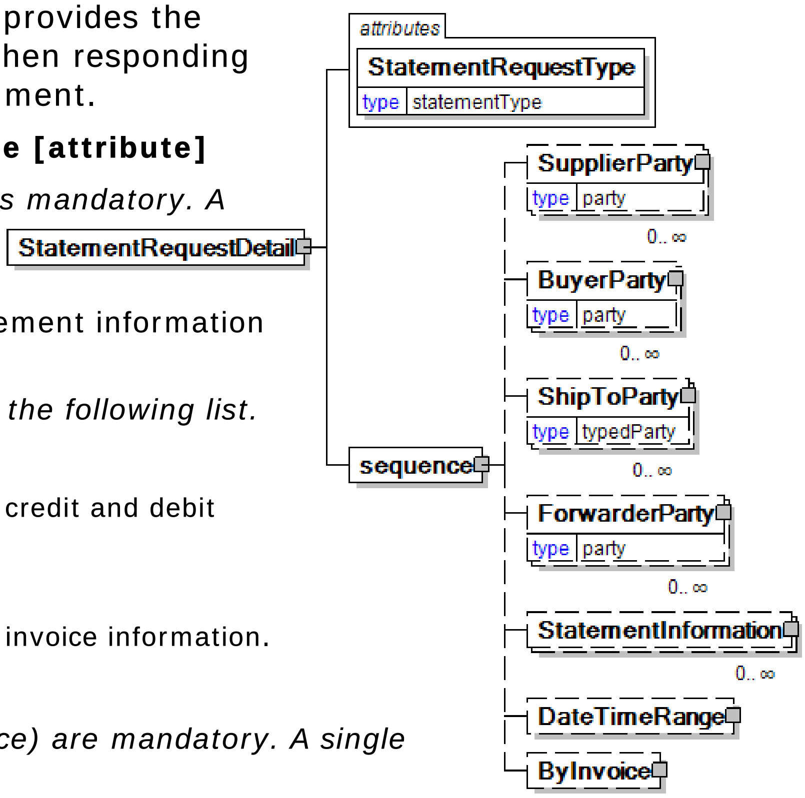
Used to specify a transport-related item that is used, as a parameter, when providing shipment status information.

DateTimeRange

DateTimeRange is optional. A single instance might exist.

Specifies a date and/or time range.

StatementRequestDetail



A grouping element that provides the parameters to be used when responding with a Statement e-Document.

StatementRequestType [attribute]

StatementRequestType is mandatory. A single instance is required.

Communicates how statement information is filtered.

This item is restricted to the following list.

ByCreditDebit

The statement presents credit and debit note information.

ByInvoiceNumber

The statement presents invoice information.

(sequence)

The contents of (sequence) are mandatory. A single instance is required.

SupplierParty

SupplierParty is optional. Multiple instances might exist.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

BuyerParty

BuyerParty is optional. Multiple instances might exist.

The legal entity to which the product is sold. Also commonly referred to as the sold-to party or customer. If no OtherParty is defined as the Payer, the Buyer is the Payer.

ShipToParty

ShipToParty is optional. Multiple instances might exist.

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

ForwarderParty

ForwarderParty is optional. Multiple instances might exist.

The trading partner involved in the forwarding of the shipment.

StatementInformation

StatementInformation is optional. Multiple instances might exist.

Invoice information for the statement.

DateTimeRange

DateTimeRange is optional. A single instance might exist.

Specifies a date and/or time range.

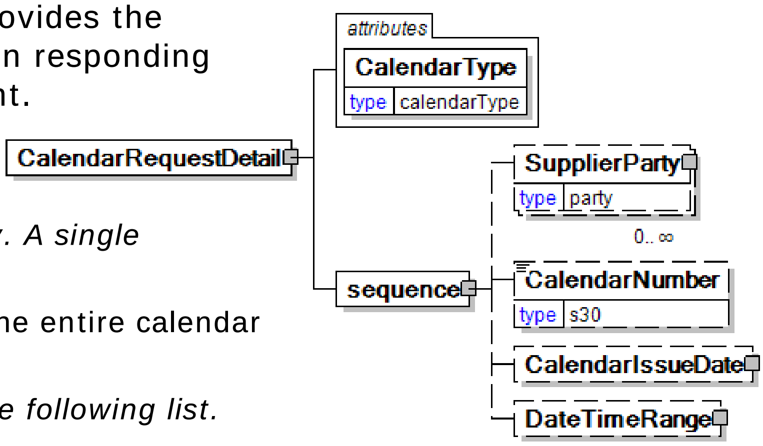
ByInvoice

ByInvoice is optional. A single instance might exist.

Selection criteria for Invoice information.

CalendarRequestDetail

A grouping element that provides the parameters to be used when responding with a Calendar e-Document.



CalendarType [attribute]

CalendarType is mandatory. A single instance is required.

Identifies the intention of the entire calendar e-Document.

This item is restricted to the following list.

LoadingSchedule

The schedule for transport vehicle loading.

OfficeSchedule

The schedule for office personnel.

SupportSchedule

The support schedule for transport operations.

UnloadingSchedule

The schedule for transport verhicle unloading.

(sequence)

The contents of (sequence) are mandatory. A single instance is required.

SupplierParty

SupplierParty is optional. Multiple instances might exist.

The organisation or business entity responsible for providing the product. SupplierParty is also the seller of the product, if Seller is not specified as OtherParty = Seller.

CalendarNumber

CalendarNumber is optional. A single instance might exist.

The sequential number that uniquely identifies the Calendar e-Document.

CalendarIssueDate

CalendarIssueDate is optional. A single instance might exist.

The date and optionally time when the Calendar e-Document was created.

DateTimeRange

DateTimeRange is optional. A single instance might exist.

Specifies a date and/or time range.

InfoRequest Business Scenarios

InfoRequest Scenario Listing

Scenario A	Publisher wants to know the status of a given product on hand at a specific location. The InfoRequestType is “InventoryStatus”.
Scenario B	Publisher is asking in advance for a status of all inventories at a given location for a specific date. The InfoRequestType is “InventoryStatus”.
Scenario C	Publisher anticipates a larger than normal print run due to large interest in a particular new story and issues an InfoRequest to the printer to learn about the printer’s inventory status. The InfoRequestType is “InventoryStatus”.
Scenario D	Publisher issues a Purchase Order to a Supplier and later issues an InfoRequest to learn about the status of the order within the manufacturing system. The InfoRequestType is “OrderStatus”.
Scenario E	Publisher issues a Purchase Order and later issues an InfoRequest to learn about the status of two specific line items contained within the Order. The InfoRequestType is “OrderStatus”.
Scenario F	Publisher issues a Purchase Order and later issues an InfoRequest to learn about the status of a specific product which has been ordered. The InfoRequestType is “OrderStatus”.
Scenario G	An e-marketplace issues an InfoRequest to learn about the status of all open or active orders from a Supplier for a given time period.

Scenario A

e-Document	InfoRequest
Type	InventoryStatus
Scenario	Publisher wants to know the status of a given product on hand at a specific location. The InfoRequestType is “InventoryStatus”
Outcome	An InfoRequest is generated by the Buyer’s system and received into the Supplier’s system.

Initiator	Buyer
Receiver	Supplier
Trigger	None
Step 1.	Buyer records an original Inquiry into their system then sends it to the Supplier. At a minimum, all required elements and corresponding attributes are recorded: • InfoRequestType = "InventoryStatus" • Requestor = unique number • SenderParty = publisher • RequestingParty = publisher • RespondToParty = publisher • InventoryStatusRequestDetailType = ByProduct • InventoryStatusReportingDetailType = AggregatedInventory • LocationParty = mill or warehouse location • Product = product ID
Result	The Supplier responds with an InventoryStatus e-Document that provides the aggregate quantity of the product specified at the location specified.

Scenario B

e-Document	InfoRequest
Type	InventoryStatus
Scenario	Publisher is asking in advance for a status of all inventories at a given location for a specific date. The InfoRequestType is "InventoryStatus".
Outcome	An InfoRequest is generated by the Buyer's system and received into the Supplier's system.
Initiator	Buyer
Receiver	Supplier
Trigger	None
Step 1.	Publisher records an original Inquiry into their system then sends it to the Supplier. At a minimum, all required elements and corresponding attributes are recorded: • InfoRequestType = InventoryStatus • RequestNumber = unique number

	• SenderParty = publisher • RequestingParty = publisher • RespondToParty = publisher • InventoryStatusRequestDetailType = ByProduct • InventoryStatusReportingDetailType = DetailedInventory • LocationParty = mill or warehouse location • StatusAsOfDate = some future date
Result	The Supplier responds with an InventoryStatus e-Document that provides the detailed quantities and roll identifiers of the product specified at the location specified.

Scenario c

e-Document	InfoRequest
Type	InventoryStatus
Scenario	Publisher anticipates a larger than normal print run due to large interest in a particular new story and issues an InfoRequest to the printer to learn about the printer's inventory status. The InfoRequestType is "InventoryStatus".
Outcome	An InfoRequest is generated by the Publisher's system and received into the Printer's system.
Initiator	Buyer
Receiver	Supplier
Trigger	None
Step 1.	Publisher records an original Inquiry into their system then sends it to the Supplier. At a minimum, all required elements and corresponding attributes are recorded: • InfoRequestType = InventoryStatus • RequestNumber = unique number • SenderParty = publisher • RequestingParty = publisher • RespondToParty = publisher • InventoryStatusRequestDetailType = ByProduct • InventoryStatusReportingDetailType = AggregatedInventory • SupplierParty = preferred supplier

	• LocationParty = printer's warehouse location • Product = product ID
Result	The Printer responds with an InventoryStatus e-Document that provides the aggregate quantity of the product specified at the location specified and for only the Supplier indicated.

Scenario D

e-Document	InfoRequest
Type	OrderStatus
Scenario	Publisher issues a Purchase Order to a Supplier and later issues an InfoRequest to learn about the status of the order within the manufacturing system. The InfoRequestType is "OrderStatus".
Outcome	An InfoRequest is generated by the Buyer's system and received into the Supplier's system.
Initiator	Buyer
Receiver	Supplier
Trigger	None
Step 1.	Buyer records an original Inquiry into their system then sends it to the Supplier. At a minimum, all required elements and corresponding attributes are recorded: • InfoRequestType = OrderStatus • RequestNumber = unique number • SenderParty = publisher • RequestingParty = publisher • RespondToParty = publisher • OrderStatusRequestDetailType = ByPurchaseOrder • ByPurchaseOrder = specified PO
Result	The Supplier responds with an OrderStatus e-Document that provides the status of the PO specified.

Scenario E

e-Document	InfoRequest
Type	OrderStatus

Scenario	Publisher issues a Purchase Order and later issues an InfoRequest to learn about the status of two specific line items contained within the Order. The InfoRequestType is “OrderStatus”.
Outcome	An InfoRequest is generated by the Buyer’s system and received into the Supplier’s system.
Initiator	Buyer
Receiver	Supplier
Preconditions	What exists prior to the start?
XML File	The name of any sample file.
Trigger	None
Step 1.	Publisher records an original Inquiry into their system then sends it to the Supplier. At a minimum, all required elements and corresponding attributes are recorded: • InfoRequestType = OrderStatus • RequestNumber = unique number • SenderParty = publisher • RequestingParty = publisher • RespondToParty = publisher • OrderStatusRequestDetailType = ByPurchaseOrder • ByPurchaseOrder = specified PO; line item A and line item B
Result	The Supplier responds with an OrderStatus e-Document that provides the status of the PO line items specified only.

Scenario F

e-Document	InfoRequest
Type	OrderStatus
Scenario	Publisher issues a Purchase Order and later issues an InfoRequest to learn about the status of a specific product which has been ordered. The InfoRequestType is “OrderStatus”.
Outcome	An InfoRequest is generated by the Buyer’s system and received into the Supplier’s system.

Initiator	Buyer
Receiver	Supplier
Trigger	None
Step 1.	Buyer records an original Inquiry into their system then sends it to the Supplier. At a minimum, all required elements and corresponding attributes are recorded: • InfoRequestType = OrderStatus • RequestNumber = unique number • SenderParty = publisher • RequestingParty = publisher • RespondToParty = publisher • OrderStatusRequestDetailType = ByProduct • Product = specified product
Result	The Supplier responds with an OrderStatus e-Document that provides the status of the PO line items specified only. The OrderStatus e-Document may include an OrderStatusCode indicating the line item's (product's) current status within the Supplier's system.
Optional Step 2	The Buyer may desire to further request more detailed information for each of the returned POs. The Buyer may do so by issuing an OrderStatusDetail InfoRequest for each (or selected) purchase order returned.

Scenario G

e-Document	InfoRequest
Type	OrderStatus
Scenario	An e-marketplace issues an InfoRequest to learn about the status of all open orders from a Supplier for a given time period. The InfoRequestType is "OrderStatus".
Outcome	An InfoRequest is generated by the Buyer's system and received into the Supplier's system.
Initiator	e-marketplace
Receiver	Supplier
Trigger	None

Step 1.	Publisher records an original Inquiry into their system then sends it to the Supplier. At a minimum, all required elements and corresponding attributes are recorded: • InfoRequestType = OrderStatus • RequestNumber = unique number • SenderParty = e-marketplace • RequestingParty = publisher • RespondToParty = e-marketplace • OrderStatusRequestDetailType = ByPurchaseOrder • SupplierParty = specified supplier • OrderStatusCode = Active • DateTimeRange = last month
Results	The Supplier responds with an OrderStatus e-Document that provides the status of all the active or open POs referencing the specified supplier.