



**papiNet**

**Info Request**

**papiNet Standard - Version 2.31**

**Documentation**

**Global Standard for the Paper and Forest  
Products Supply Chain**

**June 2009**

**Production Release**

# Info Request

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### InfoRequest Documentation

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#### An Overview of the Information Request Message

The purpose of the information request message (InfoRequest) is for the requesting party to indicate to the receiver party an update regarding the current status of either a purchase order or inventory status. The messages that may be returned in response to an InfoRequest are the OrderStatus, InventoryStatus, Availability, Planning, or ProductQuality. The InfoRequest may originate directly from a buying organization, or indirectly via a web page or an internet-based industry exchange. The requests are mutually exclusive within the information request. If the requesting party wishes to receive different types of information they must be requested by separate InfoRequest messages.

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#### InfoRequestType [attribute]

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



*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.

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### Business Rules for InfoRequest

The following business rules apply to InfoRequest message.

#### General Business Rules

Identifier	Business Rule
<b>IR001</b>	This message is unidirectional and may only be sent from the Requesting Party to the Supplier.
<b>IR002</b>	The InfoRequest must elicit a reply message of either: <ul style="list-style-type: none"> <li>• Availability</li> <li>• InventoryStatus</li> <li>• OrderStatus</li> <li>• Planning</li> <li>• ProductQuality</li> <li>• ShipmentStatus</li> <li>• ShippingInstructions</li> </ul>
<b>IR003</b>	When the OrderStatusRequestDetailType is "ByProduct" the requestor desires the response message to be from the viewpoint of the order product. <ul style="list-style-type: none"> <li>• OrderStatusRequestDetail/BySupplierOrderNumber may not be present</li> <li>• OrderStatusRequestDetail/ByPurchaseOrder may not be present</li> <li>• OrderStatusRequestDetail/Product may be optionally present</li> </ul>
<b>IR004</b>	When the OrderStatusRequestDetailType is "ByPurchaseOrder" the requestor desires the response message to be from the viewpoint of the purchase order. <ul style="list-style-type: none"> <li>• OrderStatusRequestDetail/BySupplierOrderNumber may not be present</li> <li>• OrderStatusRequestDetail/Product may not be present.</li> <li>• PurchaseOrderInformation (with optional PurchaseOrderLineItemNumber) may be optionally present.</li> </ul>

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Identifier	Business Rule
<b>IR005</b>	<p>When the OrderStatusRequestDetailType is "BySupplierOrderNumber" the requestor desires the response message to be from the viewpoint of the supplier's order number.</p> <ul style="list-style-type: none"> <li>• OrderStatusRequestDetail/ByPurchaseOrder may not be present</li> <li>• OrderStatusRequestDetail/Product constructs may not be present</li> <li>• OrderStatusRequestDetail/BySupplierOrderNumber may optionally be present.</li> </ul>
<b>IR006</b>	<p>When the InventoryStatusRequestDetailType is "ByProduct" the requestor desires the response message to be from the viewpoint of the order product.</p> <ul style="list-style-type: none"> <li>• InventoryStatusRequestDetail/SupplierOrderNumber may not be present</li> <li>• InventoryStatusRequestDetail/PurchaseOrderInformation (with optional PurchaseOrderLineItemNumber) may not be present.</li> <li>• InventoryStatusRequestDetail/Product may be optionally present.</li> </ul>
<b>IR007</b>	<p>When the InventoryStatusRequestDetailType is "ByPurchaseOrder" the requestor desires the response message to be from the viewpoint of the purchase order.</p> <ul style="list-style-type: none"> <li>• InventoryStatusRequestDetail/SupplierOrderNumber may not be present</li> <li>• InventoryStatusRequestDetail/Product may not be present.</li> <li>• The PurchaseOrderInformation (with optional PurchaseOrderLineItemNumber) may be optionally present.</li> </ul>
<b>IR008</b>	<p>When the InventoryStatusRequestDetailType is "BySupplierOrderNumber" the requestor desires the response message to be from the viewpoint of the</p>

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Identifier	Business Rule
	<p>supplier's order number.</p> <ul style="list-style-type: none"> <li>• InventoryStatusRequestDetail/PurchaseOrderInformation may not be present</li> <li>• InventoryStatusRequestDetail/Product may not be present</li> <li>• The SupplierOrderNumber may be optionally present.</li> </ul>
<b>IR009</b>	<p>Unless the PurchaseOrderLineItemNumber is specified the InfoRequest indicates a request for an update on all line item(s) within the purchase order.</p> <ul style="list-style-type: none"> <li>• OrderStatusRequestDetailType is "ByPurchaseOrder"</li> <li>• InventoryStatusRequestDetailType is "ByPurchaseOrder"</li> <li>• ProductQualityRequestDetailType is "ByQualifiedPurchaseOrder"</li> </ul>
<b>IR010</b>	<p>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.</p>
<b>IR011</b>	<p>If the ProductQualityRequestDetailType is "ByPeriod", the ByPeriod construct must also be present. This request designation indicates that the requestor desires the response message to be from the viewpoint of the time periods.</p>
<b>IR012</b>	<p>When the ProductQualityRequestDetailType is "ByQualifiedPurchaseOrder" the requestor desires the response message to be from the viewpoint of the purchase order.</p> <ul style="list-style-type: none"> <li>• ProductQualityRequestDetail/ByQualifiedPurchaseOrderInformation must also be present.</li> </ul>
<b>IR013</b>	<p>If the ProductQualityRequestDetailType is "ByShipment":</p>



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Identifier	Business Rule
	<ul style="list-style-type: none"> <li>• ProductQualityRequestDetail/ByQualifiedDeliveryMessage must be present.</li> <li>• This request designation indicates that the requestor desires the response message to be from the viewpoint of the shipment</li> </ul>

### **Business Process Logic and Structure Premise:**

The InfoRequest message 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 message 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 message. 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 message between buyer and supplier:

- Buyer sends InfoRequest message 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 message is returned by the Seller
- Buyer sends PurchaseOrder message to supplier
- Supplier returns an OrderConfirmation message
- Buyer sends an InfoRequest message to supplier to inquire about the OrderStatus within the supplier's manufacturing and fulfilment system. The InfoRequestType is "OrderStatus".
- The OrderStatus message is returned by the Seller. This message

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may not be integrated within a back-end system. A more likely scenario is for the OrderStatus message to be transformed via a stylesheet into an on-screen display for the Requestor to view.

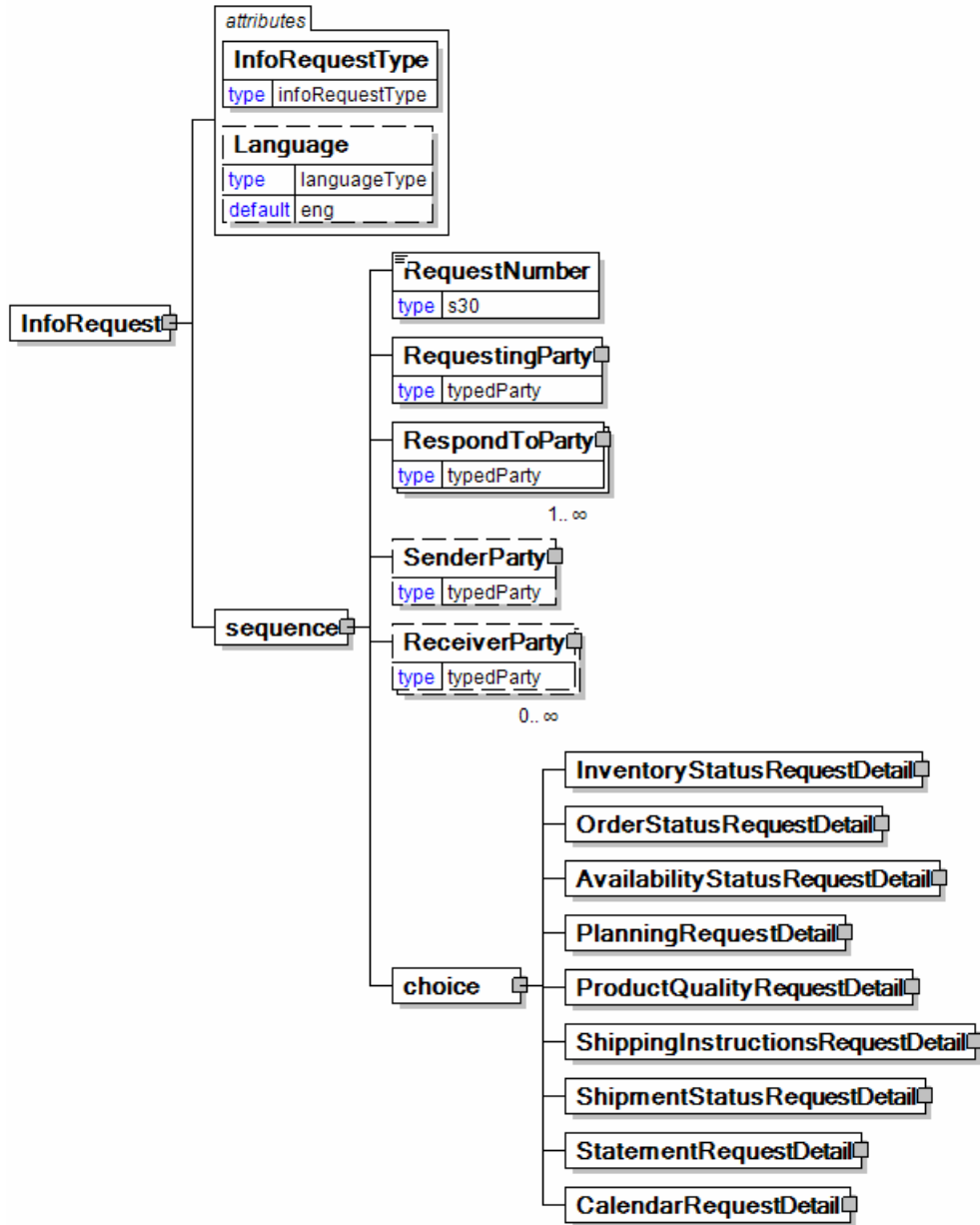
- Buyer sends an InfoRequest message to supplier to inquire about the InventoryStatus within the supplier's manufacturing and fulfillment system. The InfoRequestType is "InventoryStatus".
- The InventoryStatus message is returned by the Seller.
- Buyer sends an InfoRequest message to supplier to inquire about the ProductQuality of supplier's product that was ordered. The InfoRequestType is "ProductQuality".
- The ProductQuality message is returned by the Seller

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### InfoRequest Structure



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### 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](http://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

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(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.

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### Info Request Root Element

#### InfoRequest

The root element of the Info Request message.

#### InfoRequestType [attribute]

*InfoRequestType is mandatory. A single instance is*

*required.*

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

*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

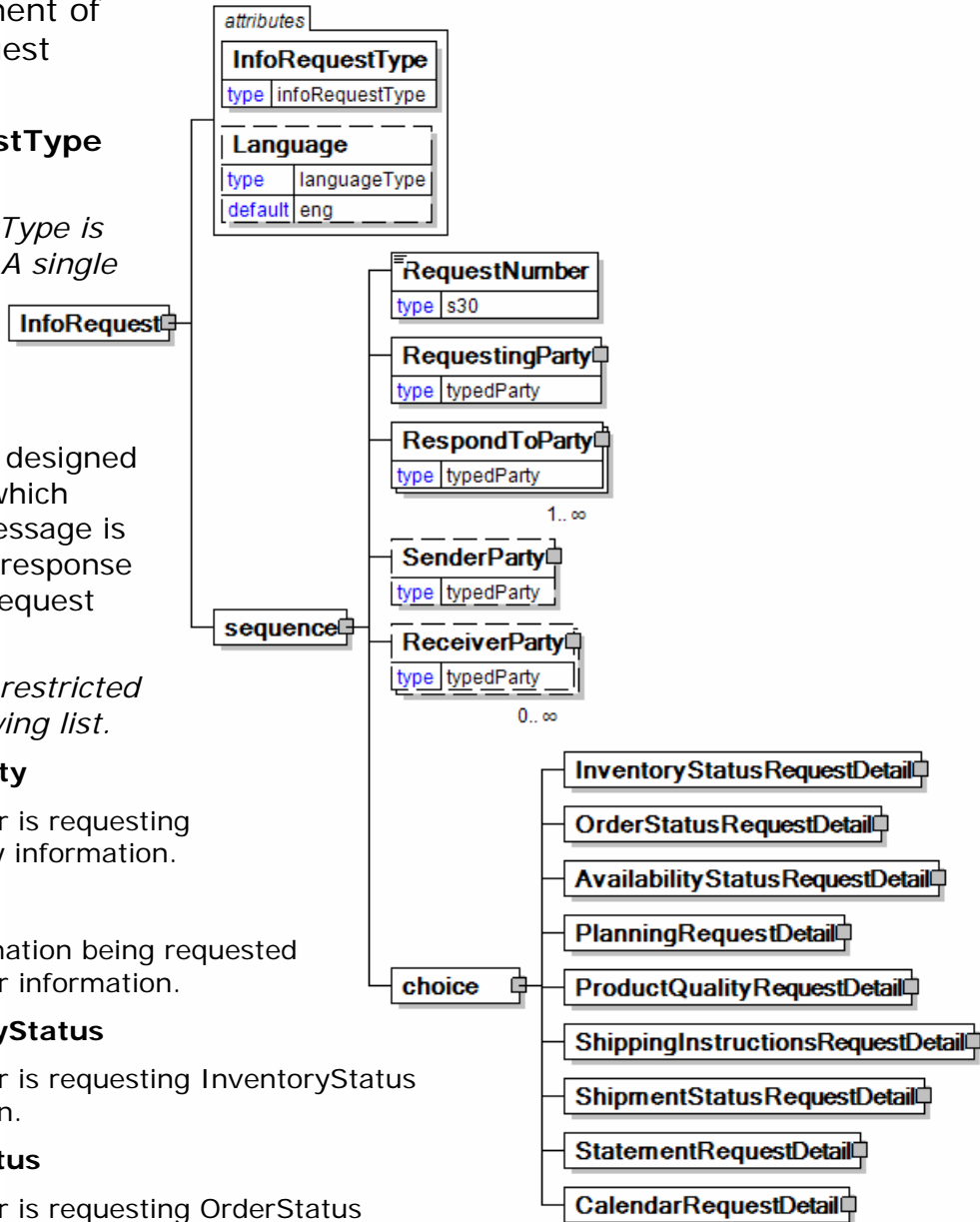
The sender is requesting Planning information.

#### ProductQuality

The sender is requesting ProductQuality information.

#### ShipmentStatus

The sender is requesting ShipmentStatus information.



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### **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 message 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 outsourced 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.

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- 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 mandatory. A single instance is required.*

InventoryStatusRequestDetail is a conditional element. Its existence is mutually exclusive with that of the OrderStatusRequestDetail and AvailabilityStatusRequestDetail.

#### **OrderStatusRequestDetail**

*OrderStatusRequestDetail is mandatory. A single instance is required.*

The element that contains the details associated with the Order Status Request message.

#### **AvailabilityStatusRequestDetail**

*AvailabilityStatusRequestDetail is mandatory. A single instance is required.*

AvailabilityStatusRequestDetail is a conditional element. Its existence is mutually exclusive with that of the InventoryStatusRequestDetail and OrderStatusRequestDetail.

#### **PlanningRequestDetail**

*PlanningRequestDetail is mandatory. A single instance is required.*

Its existence is mutually exclusive with that of the InventoryStatusRequestDetail, OrderStatusRequestDetail, Availability, and ProductQuality.

#### **ProductQualityRequestDetail**

*ProductQualityRequestDetail is mandatory. A single instance is required.*

ProductQualityRequestDetail is a conditional element. Its existence is mutually exclusive with that of the InventoryStatusRequestDetail, OrderStatusRequestDetail, AvailabilityStatusRequestDetail, and PlanningRequestDetail.

#### **ShippingInstructionsRequestDetail**

*ShippingInstructionsRequestDetail is mandatory. A single instance is required.*

ShippingInstructionsRequestDetail is a conditional element. Its existence is mutually exclusive from the other approaches to requesting information.

#### **ShipmentStatusRequestDetail**

*ShipmentStatusRequestDetail is mandatory. A single instance is required.*

A grouping element that provides the parameters to be used when responding with a shipment status information (using the ShipmentStatus e-business document).

#### **StatementRequestDetail**



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*StatementRequestDetail is mandatory. A single instance is required.*

The request criteria associated with statement information.

#### **CalendarRequestDetail**

*CalendarRequestDetail is mandatory. A single instance is required.*

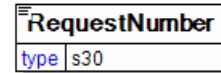
The selection criteria for communicating what Calendar information is desired.

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## Primary Elements

### RequestNumber

A unique tracking number specifically identifying the InfoRequest message 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.*

#### Bank

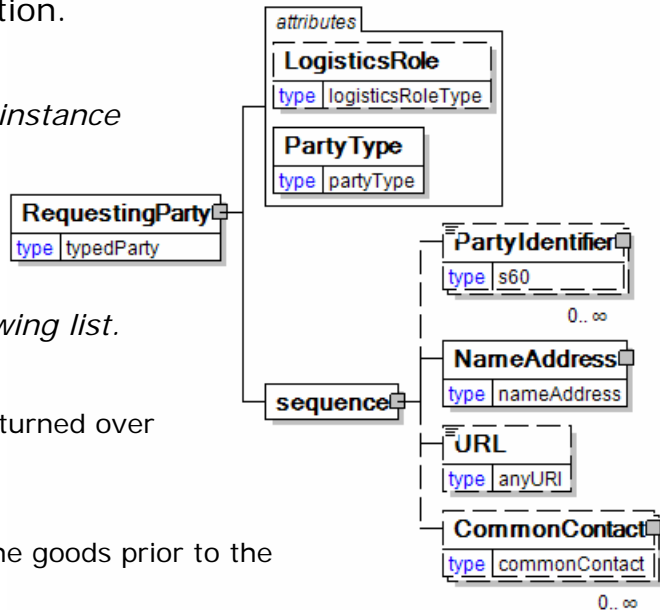
The banking representative.

#### BillTo

The address where the invoice is to be sent.

#### BorderCrossing

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



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### **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".

### **BuyerAgent**

The entity acting for the buyer in the transaction.

### **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.

### **CustomsForwarder**

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

### **DomesticForwarder**

A forwarder responsible for managing the transfer of goods.

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### **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.

### **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.

### **MainCarrier**

The primary carrier involved in the movement of goods.

### **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.

### **Payee**

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

### **Payer**

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

### **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.

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### **PlaceOfDischarge**

The location where the goods were unloaded.

### **PlaceOfLoading**

The location where loading is to or took place.

### **PlaceOfReloading**

A location where the goods were 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).

### **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.

### **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.

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### **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.

### **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.

### **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.

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### RespondToParty

The party the document should be responded to.

#### 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.*

#### Bank

The banking representative.

#### BillTo

The address where the invoice is to be sent.

#### BorderCrossing

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

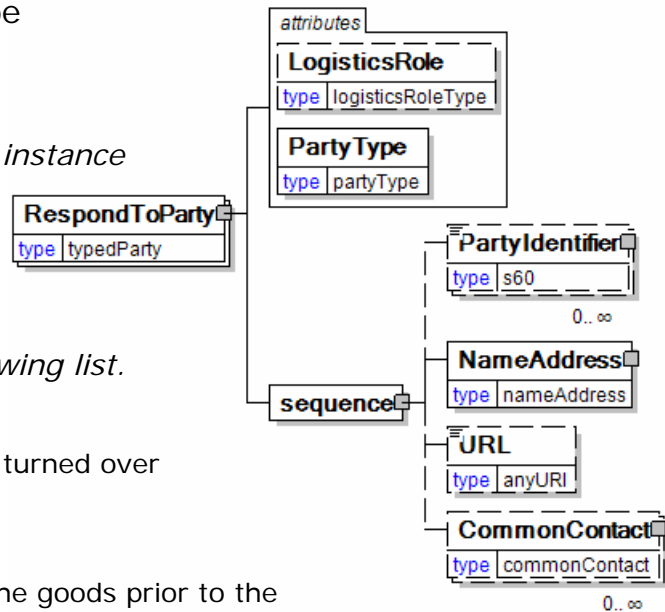
#### Broker

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".

#### BuyerAgent



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The entity acting for the buyer in the transaction.

### **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.

### **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.



# Info Request

## papiNet Standard - Version 2.31

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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.

**MainCarrier**

The primary carrier involved in the movement of goods.

**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.

**Payee**

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

**Payer**

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

**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.

# Info Request

## papiNet Standard - Version 2.31

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### **PlaceOfReloading**

A location where the goods were 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).

### **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.

### **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**

# Info Request

## papiNet Standard - Version 2.31

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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.

### **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.

### **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.

# Info Request

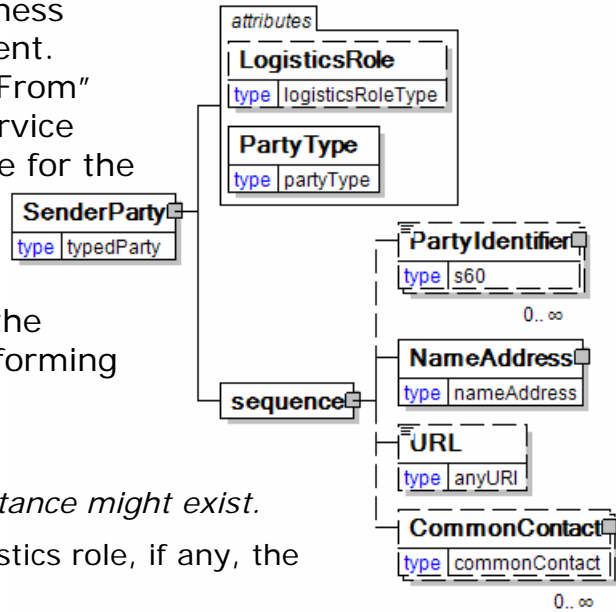
## papiNet Standard - Version 2.31

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### 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.*

#### Bank

The banking representative.

#### BillTo

The address where the invoice is to be sent.

#### BorderCrossing

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

#### Broker

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

# Info Request

## papiNet Standard - Version 2.31

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### **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".

### **BuyerAgent**

The entity acting for the buyer in the transaction.

### **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.

### **CustomsForwarder**

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

### **DomesticForwarder**

A forwarder responsible for managing the transfer of goods.

### **EndUser**

# Info Request

## papiNet Standard - Version 2.31

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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.

### **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.

### **MainCarrier**

The primary carrier involved in the movement of goods.

### **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.

### **Payee**

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

### **Payer**

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

### **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.

# Info Request

## papiNet Standard - Version 2.31

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### **PlaceOfDischarge**

The location where the goods were unloaded.

### **PlaceOfLoading**

The location where loading is to or took place.

### **PlaceOfReloading**

A location where the goods were 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).

### **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.

### **ShipFromLocation**

The location the goods were shipped from.

### **ShipOwner**

The owner of the vessel used to ship the goods.

### **ShipTo**

# Info Request

## papiNet Standard - Version 2.31

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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.

### **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.

### **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.



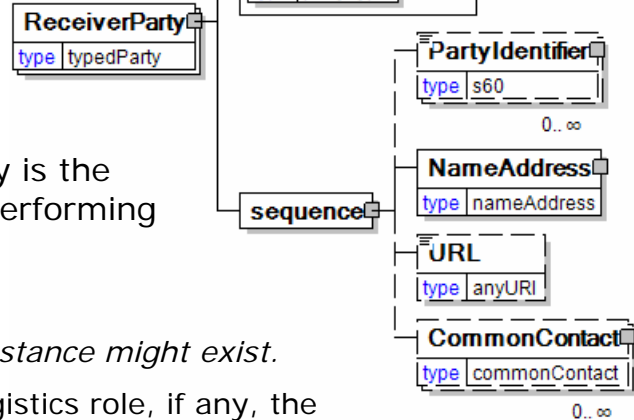
# Info Request

## papiNet Standard - Version 2.31

### 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.*

#### 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.*

#### Bank

The banking representative.

#### BillTo

The address where the invoice is to be sent.

#### BorderCrossing

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

#### Broker

# Info Request

## papiNet Standard - Version 2.31

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---

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".

### **BuyerAgent**

The entity acting for the buyer in the transaction.

### **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.

### **CustomsForwarder**

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

### **DomesticForwarder**

A forwarder responsible for managing the transfer of goods.

# Info Request

## papiNet Standard - Version 2.31

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### **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.

### **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.

### **MainCarrier**

The primary carrier involved in the movement of goods.

### **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.

### **Payee**

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

### **Payer**

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

### **PlaceFinalDestination**

The final destination of the goods.

### **PlaceOfAccept**

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

### **PlaceOfDespatch**

# Info Request

## papiNet Standard - Version 2.31

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The location where despatch took place.

### **PlaceOfDischarge**

The location where the goods were unloaded.

### **PlaceOfLoading**

The location where loading is to or took place.

### **PlaceOfReloading**

A location where the goods were 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).

### **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.

### **ShipFromLocation**

The location the goods were shipped from.

### **ShipOwner**

The owner of the vessel used to ship the goods.

# Info Request

## papiNet Standard - Version 2.31

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### **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.

### **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.

### **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**

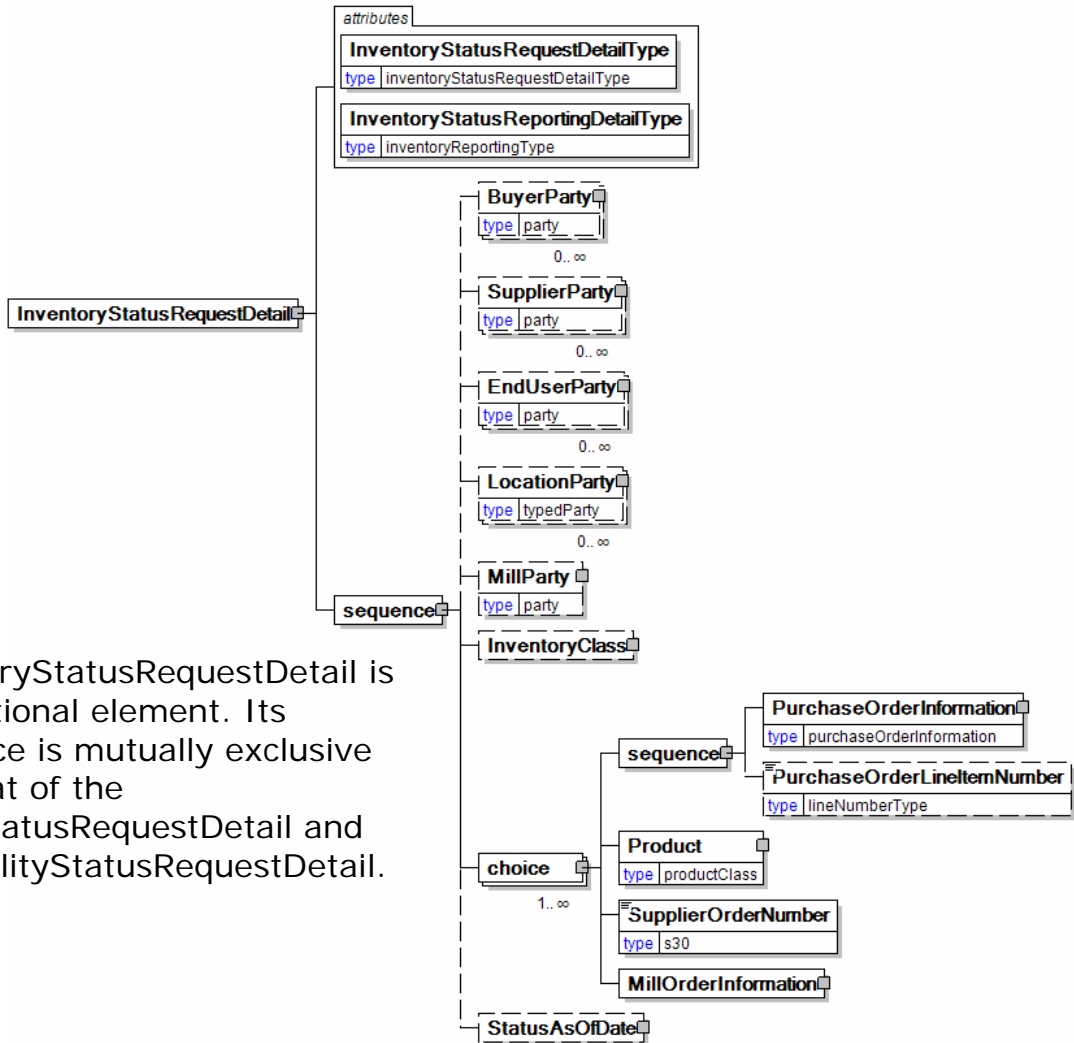
*CommonContact is optional. Multiple instances might exist.*

Identifies a specific individual associated with the party.

# Info Request papiNet Standard - Version 2.31

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## InventoryStatusRequestDetail



InventoryStatusRequestDetail is a conditional element. Its existence is mutually exclusive with that of the OrderStatusRequestDetail and AvailabilityStatusRequestDetail.

### 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 specified in ByMillOrderInformation to defined the mill order origin.

#### **ByProduct**

By product

# Info Request

## papiNet Standard - Version 2.31

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### **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**

# Info Request

## papiNet Standard - Version 2.31

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*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.

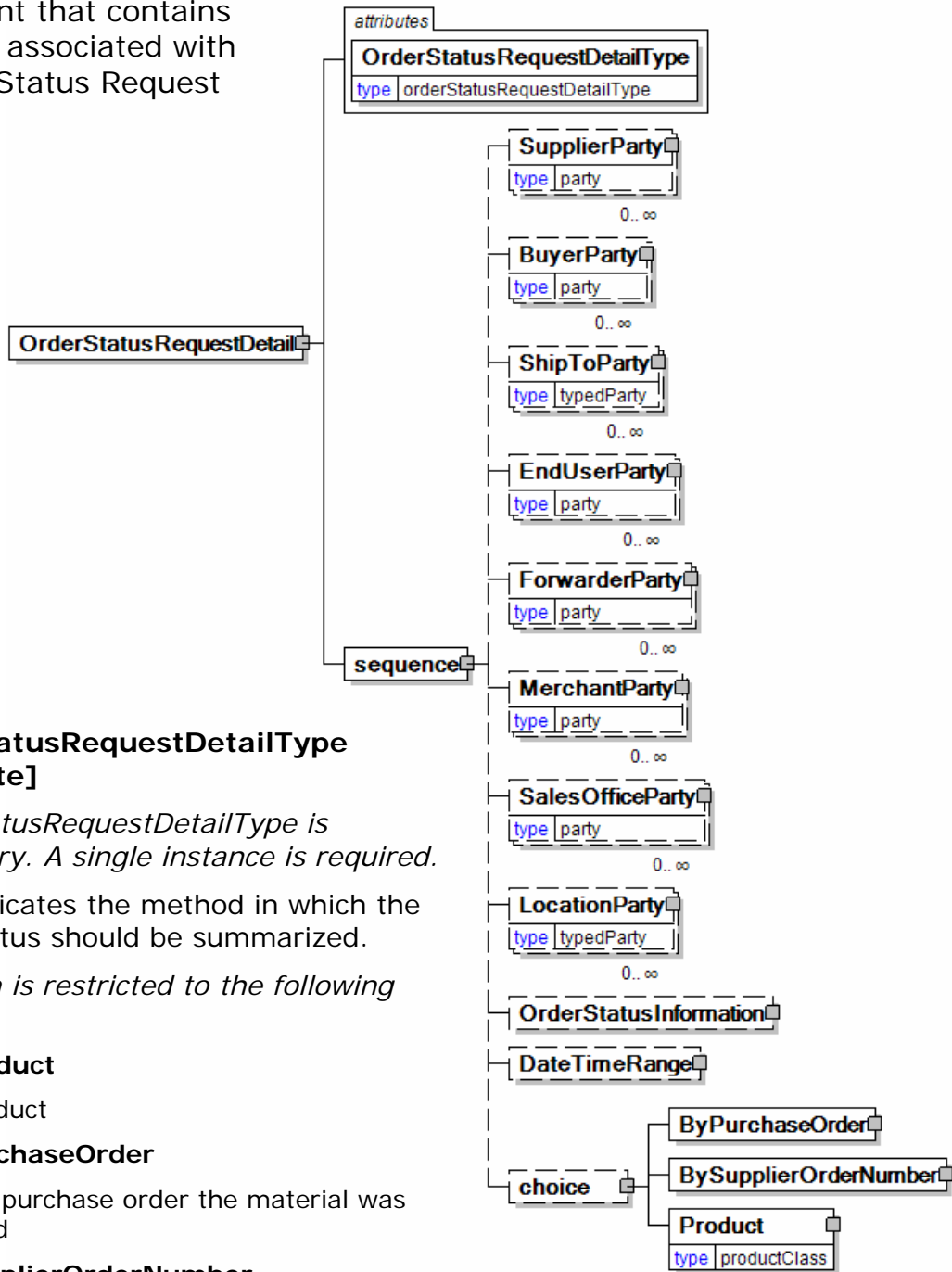


# Info Request

## papiNet Standard - Version 2.31

### OrderStatusRequestDetail

The element that contains the details associated with the Order Status Request message.



#### 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**

# Info Request

## papiNet Standard - Version 2.31

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*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**

# Info Request

## papiNet Standard - Version 2.31

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*DateTimeRange is optional. A single instance might exist.*

The delivery 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.

# Info Request

## papiNet Standard - Version 2.31

### AvailabilityStatusRequestDetail

AvailabilityStatusRequestDetail is a conditional element. Its existence is mutually exclusive with that of the InventoryStatusRequestDetail and OrderStatusRequestDetail.

#### (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

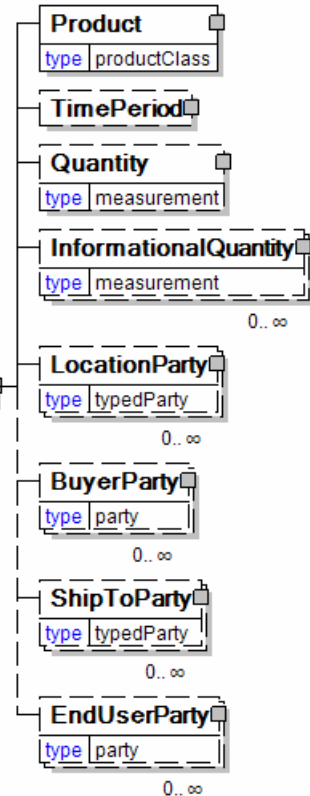
InformationalQuantity is optional. Multiple instances might exist.

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



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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.

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### PlanningRequestDetail

Its existence is mutually exclusive with that of the InventoryStatusRequestDetail, OrderStatusRequestDetail, Availability, and ProductQuality.

**(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.

**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**

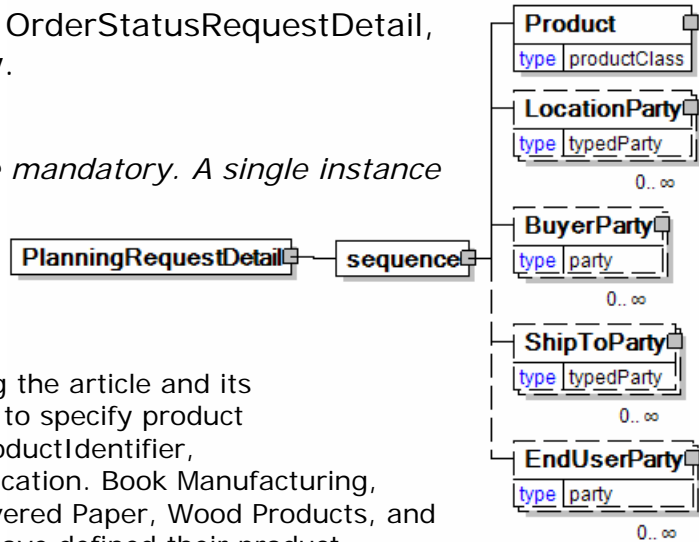
*ShipToParty is optional. Multiple instances might exist.*

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.*

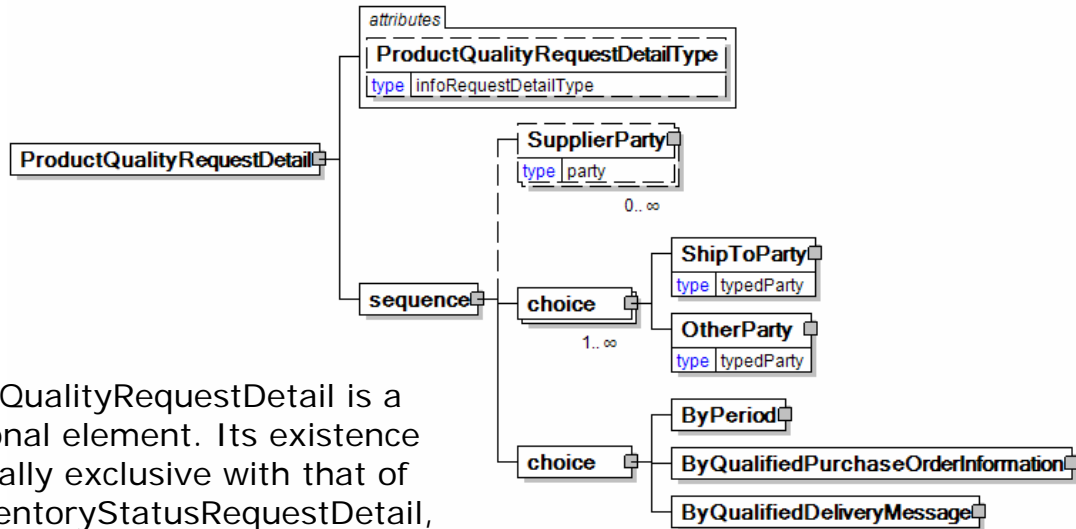
The party using, consuming, or converting the product. For example, a printer using paper reels for a print job for a publisher. The final ShipTo destination for a product is normally to the end user's facilities.



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### ProductQualityRequestDetail



`ProductQualityRequestDetail` is a conditional element. Its existence is mutually exclusive with that of the `InventoryStatusRequestDetail`, `OrderStatusRequestDetail`, `AvailabilityStatusRequestDetail`, and `PlanningRequestDetail`.

#### **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*

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*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.



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### ShippingInstructionsRequestDetail

ShippingInstructionsRequestDetail is a conditional element. Its existence is mutually exclusive from the other approaches to requesting 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.

**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**

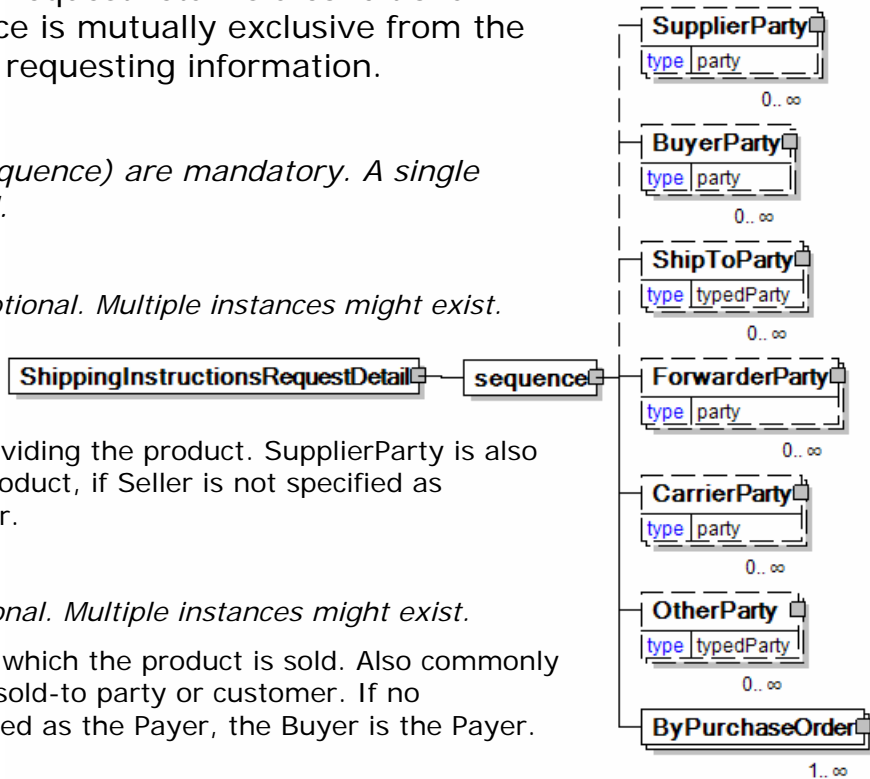
*OtherParty is optional. Multiple instances might exist.*

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.



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### ShipmentStatusRequestDetail

A grouping element that provides the parameters to be used when responding with a shipment status information (using the ShipmentStatus e-business 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

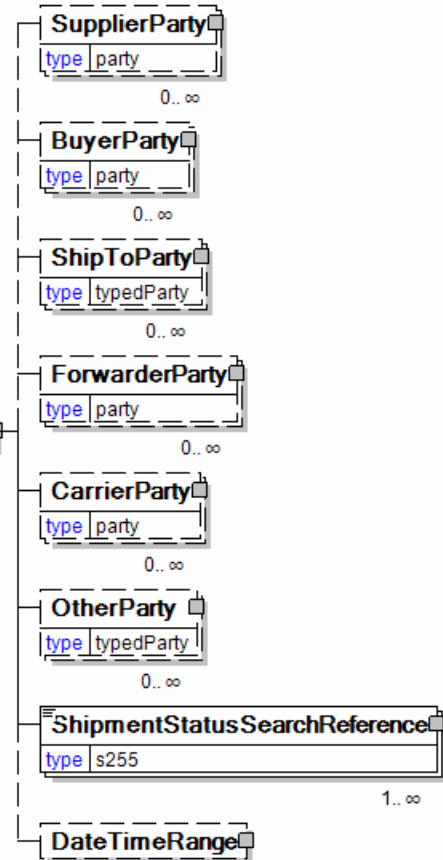
*CarrierParty is optional. Multiple instances might exist.*

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



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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.*

The delivery date and/or time range.

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### StatementRequestDetail

The request criteria associated with statement information.

#### 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.

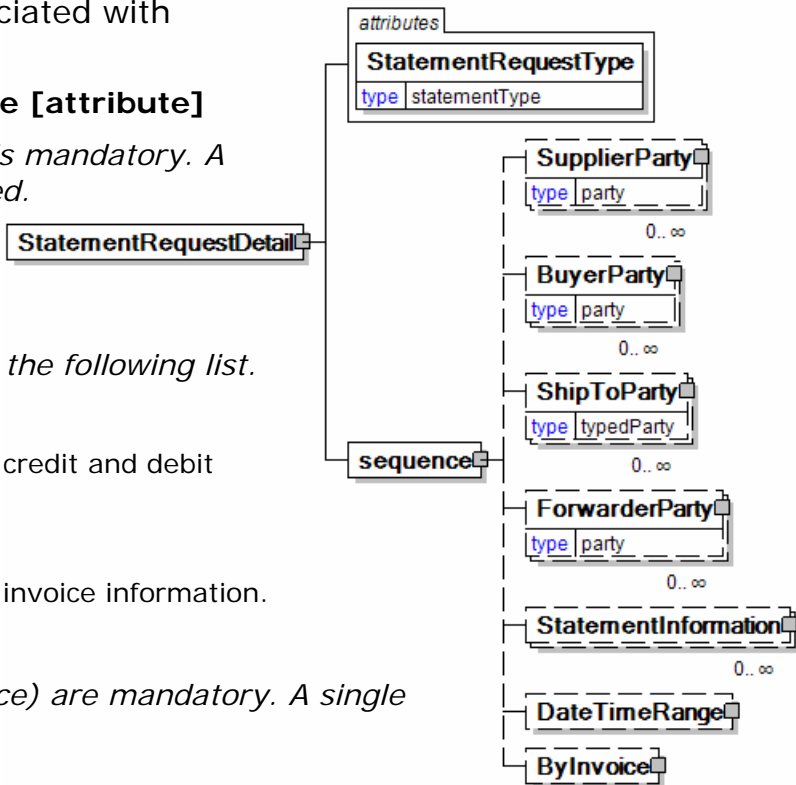
#### ForwarderParty

*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.*



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Invoice information for the statement.

### **DateTimeRange**

*DateTimeRange is optional. A single instance might exist.*

The delivery date and/or time range.

### **ByInvoice**

*ByInvoice is optional. A single instance might exist.*

Selection criteria for Invoice information.

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### CalendarRequestDetail

The selection criteria for communicating what Calendar information is desired.

#### CalendarType [attribute]

*CalendarType is mandatory. A single instance is required.*

Identifies the intention of the entire calendar message.

*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 vehicle 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 message.

#### CalendarIssueDate

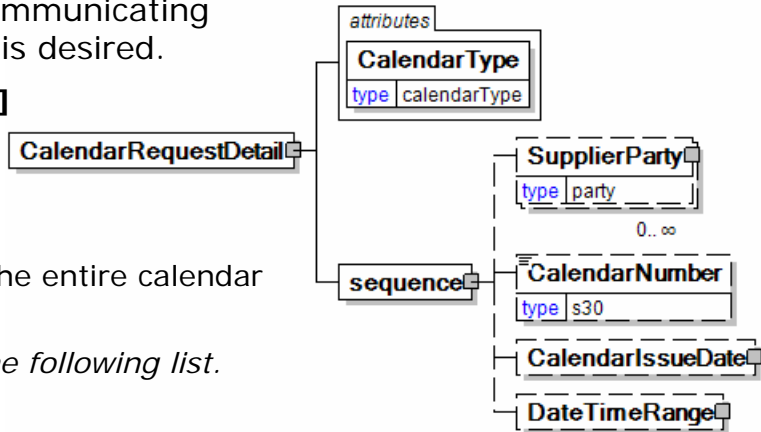
*CalendarIssueDate is optional. A single instance might exist.*

The date and optionally time when the calendar message was created.

#### DateTimeRange

*DateTimeRange is optional. A single instance might exist.*

The delivery date and/or time range.



# Info Request

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### InfoRequest Business Scenarios

#### InfoRequest Scenario Listing

<b>Scenario A</b>	Publisher wants to know the status of a given product on hand at a specific location. The InfoRequestType is "InventoryStatus".
<b>Scenario B</b>	Publisher is asking in advance for a status of all inventories at a given location for a specific date. The InfoRequestType is "InventoryStatus".
<b>Scenario C</b>	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".
<b>Scenario D</b>	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".
<b>Scenario E</b>	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".
<b>Scenario F</b>	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".
<b>Scenario G</b>	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

<b>Message</b>	InfoRequest
<b>Type</b>	InventoryStatus
<b>Scenario</b>	Publisher wants to know the status of a given product on hand at a specific location. The InfoRequestType is "InventoryStatus"

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<b>Outcome</b>	An InfoRequest is generated by the Buyer's system and received into the Supplier's system.
<b>Initiator</b>	Buyer
<b>Receiver</b>	Supplier
<b>Trigger</b>	None
<b>Step 1.</b>	<p>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:</p> <ul style="list-style-type: none"> <li>• InfoRequestType = "InventoryStatus"</li> <li>• Requestor = unique number</li> <li>• SenderParty = publisher</li> <li>• RequestingParty = publisher</li> <li>• RespondToParty = publisher</li> <li>• InventoryStatusRequestDetailType = ByProduct</li> <li>• InventoryStatusReportingDetailType = AggregatedInventory</li> <li>• LocationParty = mill or warehouse location</li> <li>• Product = product ID</li> </ul>
<b>Result</b>	The Supplier responds with an InventoryStatus message that provides the aggregate quantity of the product specified at the location specified.

### Scenario B

<b>Message</b>	InfoRequest
<b>Type</b>	InventoryStatus
<b>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".
<b>Outcome</b>	An InfoRequest is generated by the Buyer's system and received into the Supplier's system.
<b>Initiator</b>	Buyer
<b>Receiver</b>	Supplier
<b>Trigger</b>	None



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<b>Step 1.</b>	<p>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:</p> <ul style="list-style-type: none"> <li>• InfoRequestType = InventoryStatus</li> <li>• RequestNumber = unique number</li> <li>• SenderParty = publisher</li> <li>• RequestingParty = publisher</li> <li>• RespondToParty = publisher</li> <li>• InventoryStatusRequestDetailType = ByProduct</li> <li>• InventoryStatusReportingDetailType = DetailedInventory</li> <li>• LocationParty = mill or warehouse location</li> <li>• StatusAsOfDate = some future date</li> </ul>
<b>Result</b>	<p>The Supplier responds with an InventoryStatus message that provides the detailed quantities and roll identifiers of the product specified at the location specified.</p>

### Scenario c

<b>Message</b>	InfoRequest
<b>Type</b>	InventoryStatus
<b>Scenario</b>	<p>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".</p>
<b>Outcome</b>	<p>An InfoRequest is generated by the Publisher's system and received into the Printer's system.</p>
<b>Initiator</b>	Buyer
<b>Receiver</b>	Supplier
<b>Trigger</b>	None
<b>Step 1.</b>	<p>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:</p>

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	<ul style="list-style-type: none"> <li>• InfoRequestType = InventoryStatus</li> <li>• RequestNumber = unique number</li> <li>• SenderParty = publisher</li> <li>• RequestingParty = publisher</li> <li>• RespondToParty = publisher</li> <li>• InventoryStatusRequestDetailType = ByProduct</li> <li>• InventoryStatusReportingDetailType = AggregatedInventory</li> <li>• SupplierParty = preferred supplier</li> <li>• LocationParty = printer's warehouse location</li> <li>• Product = product ID</li> </ul>
<b>Result</b>	The Printer responds with an InventoryStatus message that provides the aggregate quantity of the product specified at the location specified and for only the Supplier indicated.

### Scenario D

<b>Message</b>	InfoRequest
<b>Type</b>	OrderStatus
<b>Scenario</b>	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".
<b>Outcome</b>	An InfoRequest is generated by the Buyer's system and received into the Supplier's system.
<b>Initiator</b>	Buyer
<b>Receiver</b>	Supplier
<b>Trigger</b>	None
<b>Step 1.</b>	<p>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:</p> <ul style="list-style-type: none"> <li>• InfoRequestType = OrderStatus</li> <li>• RequestNumber = unique number</li> <li>• SenderParty = publisher</li> <li>• RequestingParty = publisher</li> </ul>

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	<ul style="list-style-type: none"> <li>• RespondToParty = publisher</li> <li>• OrderStatusRequestDetailType = ByPurchaseOrder</li> <li>• ByPurchaseOrder = specified PO</li> </ul>
<b>Result</b>	The Supplier responds with an OrderStatus message that provides the status of the PO specified.

### Scenario E

<b>Message</b>	InfoRequest
<b>Type</b>	OrderStatus
<b>Scenario</b>	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".
<b>Outcome</b>	An InfoRequest is generated by the Buyer's system and received into the Supplier's system.
<b>Initiator</b>	Buyer
<b>Receiver</b>	Supplier
<b>Preconditions</b>	What exists prior to the start?
<b>XML File</b>	The name of any sample file.
<b>Trigger</b>	None
<b>Step 1.</b>	<p>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:</p> <ul style="list-style-type: none"> <li>• InfoRequestType = OrderStatus</li> <li>• RequestNumber = unique number</li> <li>• SenderParty = publisher</li> <li>• RequestingParty = publisher</li> <li>• RespondToParty = publisher</li> <li>• OrderStatusRequestDetailType = ByPurchaseOrder</li> <li>• ByPurchaseOrder = specified PO; line item A and line item B</li> </ul>

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<b>Result</b>	The Supplier responds with an OrderStatus message that provides the status of the PO line items specified only.
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### Scenario F

<b>Message</b>	InfoRequest
<b>Type</b>	OrderStatus
<b>Scenario</b>	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".
<b>Outcome</b>	An InfoRequest is generated by the Buyer's system and received into the Supplier's system.
<b>Initiator</b>	Buyer
<b>Receiver</b>	Supplier
<b>Trigger</b>	None
<b>Step 1.</b>	<p>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:</p> <ul style="list-style-type: none"> <li>• InfoRequestType = OrderStatus</li> <li>• RequestNumber = unique number</li> <li>• SenderParty = publisher</li> <li>• RequestingParty = publisher</li> <li>• RespondToParty = publisher</li> <li>• OrderStatusRequestDetailType = ByProduct</li> <li>• Product = specified product</li> </ul>
<b>Result</b>	The Supplier responds with an OrderStatus message that provides the status of the PO line items specified only. The OrderStatus message may include an OrderStatusCode indicating the line item's (product's) current status within the Supplier's system.
<b>Optional Step 2</b>	The Buyer may desire to further request more detailed information for each of the returned POs.

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	The Buyer may do so by issuing an OrderStatusDetail InfoRequest for each (or selected) purchase order returned.
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### Scenario G

<b>Message</b>	InfoRequest
<b>Type</b>	OrderStatus
<b>Scenario</b>	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".
<b>Outcome</b>	An InfoRequest is generated by the Buyer's system and received into the Supplier's system.
<b>Initiator</b>	e-marketplace
<b>Receiver</b>	Supplier
<b>Trigger</b>	None
<b>Step 1.</b>	<p>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:</p> <ul style="list-style-type: none"> <li>• InfoRequestType = OrderStatus</li> <li>• RequestNumber = unique number</li> <li>• SenderParty = e-marketplace</li> <li>• RequestingParty = publisher</li> <li>• RespondToParty = e-marketplace</li> <li>• OrderStatusRequestDetailType = ByPurchaseOrder</li> <li>• SupplierParty = specified supplier</li> <li>• OrderStatusCode = Active</li> <li>• DateTimeRange = last month</li> </ul>
<b>Results</b>	The Supplier responds with an OrderStatus message that provides the status of all the active or open POs referencing the specified supplier.