Oracle Supplier Network

XML Solutions Guide

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Preface

Introduction   This guide provides information on the XML messages supported by the Oracle Supplier Network (Oracle SN).

Audience   This guide is intended for the individuals responsible for the development, setup, maintenance, and operations associated with executing electronic transaction integration for a company or organization.

Prerequisites   Before reading this document, you should be familiar with the capabilities of the Oracle Supplier Network.

Important: The information contained in this document is subject to change without notice. If you find any problems in the documentation, please report them to us in writing. Oracle Corporation does not warrant that this document is error-free.

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XML Transaction Overview

The Oracle Supplier Network (Oracle SN) enables the exchange of electronic XML messages between Oracle Application customers and their trading partners. Using Oracle SN's hub-based model, each trading partner can configure its preferred transaction standards, identifiers, and delivery methods. The Oracle SN uses these account preferences to identify the sending party and to deliver messages to the receiving trading partner. Please refer to the Oracle SN Trading Partner Administration Guide to learn more about setting account configurations on the Oracle SN.

When sending messages to the Oracle SN, the sending trading partner can use 3 delivery mechanisms, HTTP/S posting, Oracle Transport Adapter and the Oracle SN Web Mailbox. For delivery of the messages, the receiving trading partner can choose from the following methods, HTTP/S posting, Oracle Transport Adapter, Oracle SN Web Mailbox and Email through SMTP.

The Oracle SN supports the Open Applications Group (OAG) and Commerce XML (cXML) standards. Messages sent to the Oracle SN must comply with the appropriate standard.   Oracle SN can transform XML messages as required by the receiving trading partner. The Oracle SN supports the following transaction flows:

Inbound To Oracle SN	Activity by Oracle SN	Outbound From Oracle SN
OAG PROCESS PO	Pass-through	OAG PROCESS PO
OAG PROCESS PO	Transformation	cXML OrderRequest
OAG CHANGE PO	Pass-through	OAG CHANGE PO
OAG CHANGE PO	Transformation	cXML OrderRequest
OAG SHOW SHIPMENT	Pass-through	OAG SHOW SHIPMENT
cXML ShipNoticeRequest	Transformation	OAG SHOW SHIPMENT
OAG PROCESS INVOICE	Pass-through	OAG PROCESS INVOICE
cXML InvoiceDetailRequest	Transformation	OAG PROCESS INVOICE

When sending messages to the Oracle SN, the sender uses an envelope or cXML header to describe the sending party, receiving party and other information to identify the contents. Please read the message envelope and cXML header appendix sections to understand more about the requirements. For Oracle Applications customers sending messages to the Oracle SN, the Oracle Transport Adapter creates the envelope automatically. Please read the guide on Connecting R12 to the Oracle SN for more information.

Note: Attachments are not supported on the Oracle SN at this time.

Purchase Order

Purchase Order transactions are sent by a buying organization from their Oracle Purchasing Applications. The Oracle Supplier Network will receive a PROCESS_PO_007 OAG XML payload from the buyer and will route it to the supplier, or transform it into a cXML OrderRequest. The OAG order is transformed into a cXML OrderRequest when the supplier has specified, on the Oracle SN, their preferred Purchase Order format as cXML. This section describes both the OAG PROCESS_PO_007 and the cXML OrderRequest that suppliers can choose to receive from the Oracle SN. The Oracle SN makes certain mapping decisions in generating the cXML order based on OAG data elements, which are described in the following sections.

OAG PROCESS PO 007

Field Descriptions
The following table describes the data types (fields) in the DTD that are used by the Oracle Purchasing Application to generate the PROCESS_PO_007 message. For complete information on the OAG BOD, refer to the Business Object Definition included within the Open Applications Group Integration Specification Release 7.2.1 at http://www.openapplications.org.

OAGIS PROCESS_PO_007	Required?	Description
\<CNTROLAREA\>		The fields included in this area provide information about the XML document:
\<BSR\>	Required	Shows the Business Service Request name per OAGI:
\<VERB value="PROCESS"\>	Required	Value is "PROCESS".
\<NOUN value="PO"\>	Required	Value is "PO".
\<REVISION value="007"\>	Required	Value is "007"
\<SENDER\>	Required	Provides information on the system that sends the document:
\<LOGICALID\>	Required	Sender system identifier.
\<COMPONENT\>	Required	Sender application name. Value is "PURCHASING".
\<TASK\>	Required	Event or Action. Value is POISSUE.
\<REFERENCEDID\>	Required	Unique reference ID for this document.
\<CONFIRMATION\>	Required	Confirmation when document is received. Value is 0, meaning none is required.
\<LANGUAGE\>	Required	Language in which the text fields are transmitted.
\<CODEPAGE\>	Required	Character set used in this XML document.
\<AUTHID\>	Required	System ID of sender. Value is APPS.
\<DATETIME (CREATION)\>	Required	Creation date and time of the XML document.
\<DATAAREA\> \<PROCESS_PO\>	Required	The fields included in this area provide information about the data included in the XML document.
\<POORDERHDR\>	Required	This data type provides header-level purchase order (PO) information. One PO header data type is required per document.
\<DATETIME (DOCUMENT)\>	Optional	Timestamp for PO creation.
\<OPERAMT\>	Optional	Total amount of the PO.
\<VALUE\>	Optional	Monetary amount of the PO.
\<NUMOFDEC\>	Optional	Number of decimals (applied to Value field).
\<SIGN\>	Optional	Indicator (+ or -) of whether the amount is positive or negative.
\<CURRENCY\>	Optional	Three-character International Standards Organization

OAGIS PROCESS_PO_007	Required?	Description
		(ISO) currency code.
<UOMVALUE>	Optional	Numeric value indicator of the value of the factor when amount is expressed in terms of multiples of the unit of measure (UOM).
<UOMNUMDEC>	Optional	Number of decimals in the UOMVALUE field.
<UOM>	Optional	Unit of measure (units of the quantitative amount).
<POID>	Required	Unique ID for the purchase order.
<POTYPE>	Required	Indicator of various types of POs. STANDARD or BLANKET is used here.
<ACKREQUEST>	Optional	Acknowledgement required (Y/N).
<CONTRACTS>	Optional	Supplier's contract document number, to be used only if this is a release from the blanket order.
<DESCRIPTION>	Optional	Description for the PO header.
<NOTES1-NOTES9>	Optional	Notes to the supplier.
<PORELEASE>	Optional	Indicates new release for blanket.
<USERAREA>	Optional	The following fields are provided by Oracle in this USERAREA:
<DATETIME (ACTSTART)>	Optional	Start active date for the Blanket.
<DATETIME (ACTEND)>	Optional	End active date for the Blanket.
<FOB>	Optional	FOB shipping terms.
<DESCRIPTN>	Optional	FOB description.
<TERMID>	Optional	FOB terms.
<FTTERM>	Optional	Freight payment terms:
<DESCRIPTN>	Optional	Freight description.
<TERMID>	Optional	Freight terms.
<EXCHRATE>	Optional	Currency exchange rate.
<DATETIME (EXCHRATEDATE)>	Optional	Date for the exchange rate.
<DATETIME (APPREQ)>	Optional	Acceptance due by date. Qualifier = 'APPREQ'.
<CONFIRM>	Optional	PO confirmed. Y/N
<DFFPOHEADER>	Optional	PO header-level descriptive flexfield (DFF) attributes (16).
<ATTRIBUTE1>	Optional	PO header-level flexfield.
<ATTRIBUTE2>	Optional	PO header-level flexfield.
<PCARDHDR>	Optional	This segment contains P-card detail.
<MEMBERNAME>	Optional	Member name on the P-card.
<PCARDNUM>	Optional	P-card number.
<DATETIME>	Optional	Expiration date of the P-card.
<PCARD BRAND>	Optional	Brand of the P-card.
<PARTNER> – Supplier	Optional	This data type provides information about the trading partner. Two occurrences of the partner data type are required — Supplier and SoldTo.
<NAME>	Required	Name of the supplier.
<ONETIME>	Required	Indicator if used only one time.
<PARTNID>	Required	Supplier ID.
<PARTNRTYPE>	Required	Type of partner. Value is Supplier.
<CURRENCY>	Required	Preferred operating currency.
<PARTNRIDX>	Optional	Unique identifier of supplier.
<TAXID>	Optional	Tax identifier of the supplier.
<USERAREA>	Optional	Oracle provided fields.
<DFFVENDOR>	Optional	PO supplier-level descriptive flexfield attributes (16).
<ATTRIBUTE1>	Optional	PO supplier-level flexfields.
<ATTRIBUTE2>	Optional	PO supplier-level flexfields.

OAGIS PROCESS_PO_007	Required?	Description
<CUSTOMERNUM>	Optional	Buyer's ID in supplier's system.
<ADDRESS> - Supplier	Optional	Supplier site info.
<ADDR LINE1- ADDRLINE9>	Required	Lines of site address.
<CITY>	Required	City within the address.
<COUNTRY>	Required	Country within the address.
<DESCRIPTN>	Optional	Supplier site name.
<FAX1>	Optional	Fax numbers of the supplier site.
<POSTALCODE>	Optional	Postal code within the address.
<REGION>	Optional	Region within the address.
<STATEPROVN>	Optional	State within the address.
<TELEPHONE1-TELEPHONE9>	Required	Telephone numbers for this address.
<USERAREA>	Optional	PO supplier site-level descriptive flexfield attributes (16).
<DFFVENDORSITE>		PO supplier site-level flexfields.
<ATTRIBUTE1>	Optional	PO supplier site-level flexfields.
<ATTRIBUTE2-16>	Optional	PO supplier site-level flexfields.
<CONTACT> – Supplier	Optional	This data type provides contact information for this supplier.
<NAME>	Required	Contact name for the supplier.
<EMAIL>	Required	Email address for the supplier contact.
<FAX1 - FAX9>	Optional	Fax number for the supplier.
<TELEPHONE1-TELEPHONE9>	Optional	Telephone number for the supplier.
<PARTNER> – SoldTo	Optional	Buyer information.
<NAME1>	Required	Name of the buyer company.
<ONETIME>	Required	Indicator of whether this partner is established for this transaction only.
<PARTNRID>	Required	Unique identifier for the partner in Oracle Applications.
<PARTNRTYPE>	Required	Identifier for the type of partner. Value is SoldTo.
<CURRENCY>	Required	Preferred operating currency of the partner.
<PARTNRIDX>	Optional	Unique identifier of the partner.
<ADDRESS> – SoldTo	Optional	The following rows list fields for the address data type related to the partner
<ADDRLINE1 - ADDRLINE3>	Optional	Lines of the address.
<CITY>	Optional	City within the address.
<COUNTRY>	Optional	Country within the address
<POSTALCODE>	Optional	Postal code within the address.
<STATEPROVN>	Optional	State within the address.
<TELEPHONE1-TELEPHONE9>	Optional	Telephone numbers for this address.
<CONTACT> – SoldTo	Optional	The following rows list fields for the contact data type related to the partner SoldTo.
<NAME1>	Required	Full name of the buyer.
<EMAIL>	Required	E-mail address for the contact.
<TELEPHONE1-TELEPHONE9>	Optional	Telephone number of the contact.
<PARTNER> – BillTo	Optional	Bill-to location in Oracle Applications. All the organization information is obtained from the SoldTo organization itself.
<NAME1>	Optional	Name of the buyer company.
<ONETIME>	Required	Indicator of whether this partner is established for this transaction only.
<PARTNRID>	Required	Unique identifier for the Bill To Location ID in Oracle Applications.
<PARTNRTYPE>	Required	Identifier for the type of partner. Value is BillTo.

OAGIS PROCESS_PO_007	Required?	Description
<CURRENCY>	Required	Preferred operating currency of the partner.
<PARTNRIDX >	Optional	Unique identifier of the partner.
<ADDRESS> - BillTo	Optional	The following rows list fields for the address data type related to the partner BillTo.
<ADDRLINE1 - ADDRLINE3>	Optional	Lines of the address.
<CITY>	Optional	City within the address.
<COUNTRY>	Optional	Country within the address.
<POSTALCODE>	Optional	Postal code within the address
<STATEPROVN>	Optional	State within the address
<TELEPHONE1-ELEPHONE9>	Optional	Telephone numbers for this address.
<PARTNER> - Carrier	Optional	Carrier information is passed in this segment.
<NAME1>	Optional	Name of the carrier.
<ONETIME>	Required	Indicator of whether this partner is established for this transaction only.
<PARTNRID>	Required	Not used by Oracle Applications, but required by OAGI. It is assigned a fixed value of 0.
<PARTNRTYPE>	Required	Identifier for the type of partner. Value is Carrier.
<POTERM>	Required	The POTERM data type represents payment due dates and discounts:
<DESCRIPTN>	Required	Description of payment terms.
<TERMID>	Required	Identifier for payment terms.
<POORDERLIN>	Required	This data type provides details of a PO line. At least one PO line data type is required. This data type will occur one or more times and contains the following fields:
<QUANTITY>	Required	Quantity of the item ordered, using the following fields:
<VALUE>	Required	Numeric value of the quantity.
<NUMOFDEC>	Required	One-character numeric value that indicates the number of decimals in the value field.
<SIGN>	Required	Indicator (+ or -) of whether the quantity is positive or negative.
<UOM>	Required	Unit of measure that indicates the units of the quantity.
<OPERAMT (UNIT)>	Required	Unit price of the item. Following are the fields included in this segment:
<VALUE>	Optional	Monetary unit amount of the PO line.
<NUMOFDEC>	Optional	Indicator of the number of decimals in the value field.
<SIGN>	Optional	Indicator (+ or -) of whether the amount is positive or negative.
<CURRENCY>	Optional	Three-character ISO currency code.
<UOMVALUE>	Optional	Numeric indicator of the value of the factor when amount is expressed in terms of multiples of the UOM.
<UOMNUMDEC>	Optional	Number of decimals in the UOMVALUE field.
<UOM>	Optional	Unit of measure indicator (units of the quantitative amount).
<POLINENUM>	Optional	Line number of the PO.
<HAZRDMATL>	Required	Hazardous material class description.
<ITEMRV>	Optional	Item revision number.
<NOTES1-NOTES9>	Optional	Note to supplier.
<DESCRIPTN>	Optional	Description of the item.
<ITEM>	Optional	Identifier of the product. All segments are concatenated to display the item.
<ITEMX>	Required	Supplier's item number.

OAGIS PROCESS_PO_007	Required?	Description
<USERAREA>	Optional	The following fields are provided by Oracle Applications within this USERAREA:
<REQUESTOR>	Optional	Requestor of this line.
<CATEGORYID>	Optional	Item category unique identifier.
<CONTRACTPONUM>	Optional	Contract PO number for this line.
<CONTRACTPOLINENUM>	Optional	Contract PO line number for this order.
<VENDORQUOTENUM>	Optional	Supplier's quote number for this line.
<LISTPRICE>	Optional	List price of the item.
<MARKETPRICE>	Optional	Market price of the item.
<PRICENOTTOEXCEED>	Optional	Unit price not to exceed this amount.
<NEGPRICE>	Optional	Negotiable price indicator, using Y (for Yes) or N (for No). Only applicable to blankets. Known as Price Override in Oracle Purchasing.
<TAXABLE>	Optional	Indicator of whether this item is taxable, using Y (for Yes) or N (for No).
<TXNREASONCODE>	Optional	Transaction reason code, used to group requisition lines for autocreating POs.
<TYPE1099>	Optional	Type 1099, Y/N.
<LINEORDERTYPE>	Optional	Line order type, such as Goods or Services.
<HAZRDUNNUM>	Optional	UN hazard number.
<HAZARDUNDESC>	Optional	UN hazard description.
<DFFLINE>	Optional	
<ATTRIBUTE 1>	Optional	Descriptive flexfields at the line level.
<ATTRIBUTE2-16>	Optional	Descriptive flexfields at the line level.
<DFFITEM>	Optional	
<ATTRIBUTE 1>	Optional	Descriptive flexfields at the item level.
<ATTRIBUTE2-16>	Optional	Descriptive flexfields at the item level.
<KFFITEM>	Optional	
<ATTRIBUTE1-20>	Optional	Key flexfields at the item level.
<POLINESCHD>	Optional	Data type for requested ship date information for this PO line, using the following fields:
<DATETIME (NEEDDELV)>	Optional	Need-by delivery date.
<QUANTITY>	Required	Quantity of the item ordered, using the following fields:
<VALUE>	Required	Numeric value of the quantity.
<NUMOFDEC>	Required	One-character numeric indicator of the number of decimals in the value field.
<SIGN>	Required	Indicator (+ or -) of whether the quantity is positive or negative.
<UOM>	Required	Unit of measure indicator of the units of the quantity.
<PSCLINENUM>	Required	Line number on the delivery schedule of the PO.
<USERAREA>	Optional	The following fields are provided by Oracle in the USERAREA:
<DATETIME (PROMSHIP)>	Optional	Promise date.
<DATETIME (APPROVAL)>	Optional	Last acceptance date.
<PRICEOVRRD>	Optional	For future use.
<TAXABLE>	Optional	Taxable indicator, Y/N.
<TAXCODE>	Optional	Tax code if taxable is Y.
<PARTNER> - ShipTo	Optional	The following fields related to the ShipTo partner data type are provided by Oracle Applications within this USERAREA:
<NAME>	Optional	Name of the ShipTo partner.
<ONETIME>	Optional	Indicator of whether this partner is established for this

OAGIS PROCESS_PO_007	Required?	Description
		transaction only. This is always.
<PARTNRID>	Optional	Unique identifier for the partner in Oracle Applications.
<PARTNRTYPE>	Optional	Identifier for the type of partner. Value is ShipTo.
<CURRENCY>	Optional	Preferred operating currency of the partner.
<PARTNRIDX>	Optional	Unique identifier of the partner.
<ADDRESS> - ShipTo	Optional	The ADDRESS element contains the following fields:
<ADDRLINE1 - ADDRLINE3>	Optional	Lines of address for the partner ShipTo.
<CITY>	Optional	City within the address.
<COUNTRY>	Optional	Country within the address.
<POSTALCODE>	Optional	Postal code within the address.
<STATEPROVN>	Optional	State or providence within the address.
<TELEPHONE1-TELEPHONE9>	Optional	Telephone numbers for this address.
<DISTPROJECT>	Optional	Used only if Projects installed.
<REQUESTOR>	Optional	Requester.
<DISTNUM>	Optional	Distribution number.
<PROJECTNUM>	Optional	Project number.
<PROJECTTYPE>	Optional	Project type.
<TASKNUM>	Optional	Project task number.
<QUANTITY>	Optional	Quantity ordered for this distribution line.
<CONVRATE>	Optional	Currency conversion rate.
<DATETIME(EXRATEDATE)>	Optional	Currency conversion date.
<DESTTYPE>	Optional	Destination type code, such as Inventory or Expense.
<DIFFDISTRIBUTION>	Optional	
<ATTRIBUITE1>	Optional	Distribution descriptive flexfields (16).
<ATTRIBUTE2-16>	Optional	Distribution descriptive flexfields (16).

cXML OrderRequest

Field Descriptions
The following section provides information on the some of the common data types (fields) in the cXML OrderRequest document created by the Oracle SN.   For complete information on the cXML Order Request, refer to the cXML specifications at http://www.cxml.org.

<OrderRequestHeader> *Required*

Includes the following attributes: The **orderID** attribute represents the purchase order number. The **orderDate** attribute is the date the purchase order was created. The **orderType** attribute is set to, "regular" or "release" (if order is against a master agreement). The **type** attribute is set to "new", or "update" (if order is a change order).

<Total> *Optional*

Represents the total amount of the purchase order, not including tax and shipping.

<ShipTo> *Required*

Represents the address of the ShipTo entity. ShipTo address information is always populated in both the header and lines of the OrderRequest. The header ShipTo address information is derived from line 1 ShipTo address.

<BillTo> *Required*

Represents the address of the Bill To entity.

<Shipping> Optional

Describes the carrier used to ship the line items. Cost of shipping information is not passed from the OAG order.

<Payment> *Optional*

Represents the payment method.

<Pcard> *Optional*

The **number** attribute represents the procurement card number and the **expiration** represents the expiration date of the card used to pay for the items being requested.

<Contact> *Optional*

Represents contact information for the buyer – includes name, address, email, and phone information. Contact role information is not passed from the OAG order.

<Extrinsic name = "ACKREQD"> *Optional*

An extrinsic element used to indicate whether an acceptance from the supplier is required or not. Value is Y/N.

<Extrinsic name ="ACKBYDATE"> *Optional*

An extrinsic element used to indicate the date the acceptance from the supplier must be returned.

<Extrinsic name="SUPPNOTE"> *Optional*

An extrinsic element used to capture PO header notes to a supplier.

The following header level extrinsic fields can be used to exchange additional header information:

<Extrinsic name="ATTRIBUTE1"/> *Optional*
<Extrinsic name="ATTRIBUTE2"/> *Optional*
<Extrinsic name="ATTRIBUTE3"/> *Optional*
<Extrinsic name="ATTRIBUTE4"/> *Optional*
<Extrinsic name="ATTRIBUTE5"/> *Optional*
<Extrinsic name="ATTRIBUTE6"/> *Optional*

<Comments> *Optional*

Used to capture the description of the PO, if provided by the buyer.

<ItemOut> *Required*

Includes the following attributes: The **quantity** attribute represents the number of items being requested. The **aggrementItemNumber** attribute represents the blanket purchase item number if the purchase order is a release. The **requestedDeliveryDate** attribute is used to capture the need by delivery date.

<ItemID><SupplierPartID> *Optional*

The supplier's part number for the item.

<ItemDetail> *Required*

<Unit Price> *Required*

Used to capture the price per unit of the item.

<Description> *Required*

The description of the item.

<UnitofMeasure> *Required*

The unit of measure used for the item.

<Extrinsic name="LINENUM"> *Optional*

An extrinsic element used to capture the purchase order line number.

<Extrinsic name="SHIPMENTNUM"> *Optional*

An extrinsic element used to capture the purchase order shipment line number.

<Extrinsic name="BUYERPARTNUM"> *Optional*

An extrinsic element used to capture the buyer's internal part number.

The following line level extrinsic attribute fields can be used to exchange additional line information:

<Extrinsic name="ATTRIBUTE1"/> *Optional*
<Extrinsic name="ATTRIBUTE2"/> *Optional*
<Extrinsic name="ATTRIBUTE3"/> *Optional*
<Extrinsic name="ATTRIBUTE4"/> *Optional*
<Extrinsic name="ATTRIBUTE5"/> *Optional*
<Extrinsic name="ATTRIBUTE6"/> *Optional*

<SupplierList> Required

Captures all supplier related information in the following fields:

<Supplier><Name> *Required*
> The name of the supplier company.

<SupplierID> *Required*
> The identifier assigned by buyer's Oracle Procurement application for supplier.

<SupplierLocation> *Required*
> Used to capture supplier address, phone, and fax information.

<Contact> *Optional*
> Provides contact information for the supplier – includes name, email, and phone information.

<Tax><TaxDetail> *Optional*
> The TaxDetail element uses the **purpose** attribute to indicate whether the line item is subject to tax. The **category** attribute indicates the tax code being applied to the line item.

<Comments> *Optional*
> Used to capture line item notes for the supplier.

Mapping Overview

The following table shows the data types (fields) mapped between the PROCESS_PO_007 (OAG PO) and cXML OrderRequest. This table is not the complete mapping but is intended to highlight some of the key transformations done by Oracle SN. The cXML OrderRequest header is generated by Oracle SN trading partner parameters, not be data elements from the OAG PO. Please refer to the OAG Process PO and cXML OrderRequest sample payloads in the Appendices for transformation examples.

It is important to note the structural difference between the two order formats. The OAG PO supports a three level order, consisting of a header, lines, and shipments; whereas the cXML PO supports a two level order, which includes a header and lines. When mapping from the OAG order the shipment lines become PO lines in the cXML order.   Line level extrinsics were added to the cXML PO to provide PO line number and shipment schedule line number references back to the OAG order.

OAG Tag	cXML Tag	Comments
PROCESS_PO_007	**cXML**	
	<cXML version ='1.2.007'>	Our current version.
	<cXML payloadID=>	Comes from CONTROL_NUMBER variable passsed by Hub server.
	<cXML timestamp=>	Comes from TIMESTAMP variable passed by Hub server.
	cXML/Header/From/<Credential domain=>	Comes from SENDER_ID_TYPE variable passed by Hub server.
	cXML/Header/From/Credential/Identity	Comes from SENDER_ID variable passed by Hub server.
	cXML/Header/To/<Credential domain=>	Comes from RECEIVER_ID_TYPE variable passed by Hub server.

	cXML/Header/To/Credential/Identity	Comes from RECEIVER_ID variable passed by Hubserver
	cXML/Header/Sender/<Credential domain="OracleSN">/Identity	Comes from RECEIVER_USERNAME variable passed by Hubserver
	cXML/Header/Sender/<Credential domain="OracleSN">/SharedSecret	Comes from RECEIVER_PASSWORD variable passed by Hubserver
	cXML/Header/Sender/UserAgent = 'Oracle Supplier Network'	
DATAAREA/PROCESS_PO/POORDERHDR/	<cXML>/<Request>/<OrderRequest>/<OrderRequestHeader>	
POORDERHDR/POID	<OrderRequestHeader orderID=>	
POORDERHDR/DATETIME	<OrderRequestHeader orderDate=>	
POORDERHDR/POTYPE	<OrderRequestHeader orderType=>	If POTYPE is 'RELEASE' then orderType is set to 'release'. If POTYPE is 'STANDARD' then orderType is set to 'regular'. In all other cases the value of orderType is set to same value as POTYPE
	<OrderRequestHeader type='new'>	This two values are filled for POTYPE='RELEASE' only.
DATAAREA/PROCESS_PO/POORDERLIN/USERAREA/CONTRACTPONUM	<OrderRequestHeader agreementID=>	
POORDERHDR/OPERAMT/CURRENCY	OrderRequestHeader/Total/<Money currency=>	
POORDERHDR/OPERAMT/VALUE	OrderRequestHeader/Total/Money	
POORDERHDR/OPERAMT/NUMOFDEC		
DATAAREA/PROCESS_PO/POORDERLIN[1]/POLINESCHD[1]	OrderRequestHeader/ShipTo	Generate the ShipTo segment from the first schedule line in the first order line
POLINESCHD/USERAREA/PARTNER/ADDRESS/COUNTRY	ShipTo/<Address isoCountryCode=>	
POLINESCHD/USERAREA/PARTNER/PARTNRIDX	ShipTo/<Address addressID=>	
POLINESCHD/USERAREA/PARTNER/NAME	ShipTo/Address/<Name xml:lang="en">	

POLINESCHD/USERAREA/DISTPROJECT/REQUESTOR	ShipTo/Address/PostalAddress/DeliverTo	If POLINESCHD/USERAREA/DISTPROJECT/REQUESTOR is null then the value of DeliverTo gets populated from POORDERLIN/USERAREA/REQUESTOR
POORDERLIN/USERAREA/REQUESTOR		
POLINESCHD/USERAREA/PARTNER/ADDRESS/ADDRLINE	ShipTo/Address/PostalAddress/Street	For each ADDRLINE, <Street> tag gets repeated.
POLINESCHD/USERAREA/PARTNER/ADDRESS/CITY	ShipTo/Address/PostalAddress/City	
POLINESCHD/USERAREA/PARTNER/ADDRESS/STATEPROVN	ShipTo/Address/PostalAddress/State	
POLINESCHD/USERAREA/PARTNER/ADDRESS/POSTALCODE	ShipTo/Address/PostalAddress/PostalCode	
POLINESCHD/USERAREA/PARTNER/ADDRESS/COUNTRY	ShipTo/Address/PostalAddress/<Country isoCountryCode =>	
	ShipTo/Address/PostalAddress/Country	
POLINESCHD/USERAREA/DISTPROJECT/EMAIL	ShipTo/Address/PostalAddress/Email	
POLINESCHD/USERAREA/PARTNER/ADDRESS/COUNTRY	ShipTo/Address/PostalAddress/Phone/TelephoneNumber/<CountryCode isoCountryCode =>	Value is converted into a country code.
POLINESCHD/USERAREA/DISTPROJECT/TELEPHONE	ShipTo/Address/PostalAddress/Phone/TelephoneNumber/Number	
DATAAREA/PROCESS_PO/POORDERHDR/PARTNER[PARTNRTYPE = 'BillTo']/	**OrderRequestHeader/BillTo**	
PARTNER[PARTNRTYPE = 'BillTo']/ADDRESS/COUNTRY	BillTo/<Address isoCountryCode =>	
PARTNER[PARTNRTYPE = 'BillTo']/PARTNRIDX	BillTo/<Address addressID =>	
PARTNER[PARTNRTYPE = 'BillTo']/ADDRESS/DESCRIPTN	BillTo/Address/Name	
PARTNER[PARTNRTYPE = 'BillTo']/ADDRESS/AD	BillTo/Address/PostalAddress/Street	For each ADDRLINE, the <Street> tag will repeat.

DRLINE		
PARTNER[PARTNRTYPE = 'BillTo']/ADDRESS/CITY	BillTo/Address/PostalAddress/City	
PARTNER[PARTNRTYPE = 'BillTo']/ADDRESS/STATEPROVN	BillTo/Address/PostalAddress/State	
PARTNER[PARTNRTYPE = 'BillTo']/ADDRESS/POSTALCODE	BillTo/Address/PostalAddress/PostalCode	
PARTNER[PARTNRTYPE = 'BillTo']/ADDRESS/COUNTRY	BillTo/Address/PostalAddress/<Country isoCountryCode => BillTo/Address/PostalAddress/Country	
PARTNER[PARTNRTYPE = 'BillTo']/CONTACT/EMAIL	BillTo/Address/Email	
PARTNER[PARTNRTYPE = 'BillTo']/ADDRESS/COUNTRY	BillTo/Address/Phone/TelephoneNumber/<CountryCode isoCountryCode=>	
PARTNER[PARTNRTYPE = 'BillTo']/ADDRESS/TELEPHONE	BillTo/Address/Phone/TelephoneNumber/Number	
PARTNER[PARTNRTYPE = 'BillTo']/ADDRESS/COUNTRY	BillTo/Address/Fax/TelephoneNumber/<CountryCode isoCountryCode=>	
	BillTo/Address/Fax/TelephoneNumber/<Number ='FAX'>	Hardcoded value
DATAAREA/PROCESS_PO/POORDERHDR/PARTNER[PARTNRTYPE = 'Carrier']	OrderRequestHeader/Shipping	Getting the PARTNER node where the type is 'Carrier'
POORDERHDR/PARTNER[PARTNRTYPE = 'Carrier']/NAME	<Shipping trackingDomain=>	
POORDERHDR/OPERAMT/CURRENCY	Shipping/<Money currency =>	
POORDERHDR/PARTNER[PARTNRTYPE = 'Carrier']/NAME	Shipping/<Description xml:lang='en'>	
DATAAREA/PROCESS_PO/POORDERHDR/USERAREA/PCARDH	OrderRequestHeader/Payment/<PCard>	For each PCARDHDR, PCard in cXML gets repeated

DR		
PCARDHDR/PCARDN UM	<PCard number=>	
PCARDHDR/DATETI ME	<PCard expiration=>	Date is printed in standard cXML format
PCARDHDR/PCARDB RAND	<PCard name=>	
DATAAREA/PROCES S_PO/POORDERHDR/ PARTNER[PARTNRT YPE = 'SoldTo']/CONTACT	OrderRequestHeader/<Contact role='buyer'>	
PARTNER[PARTNRT YPE = 'SoldTo']/CONTACT/N AME	Contact/Name	
PARTNER[PARTNRT YPE = 'SoldTo']/ADDRESS/A DDRLINE	Contact/PostalAddress/Street	For each ADDRLINE, Street tag gets repeated.
PARTNER[PARTNRT YPE = 'SoldTo']/ADDRESS/CI TY	Contact/PostalAddress/City	
PARTNER[PARTNRT YPE = 'SoldTo']/ADDRESS/ST ATEPROVN	Contact/PostalAddress/State	
PARTNER[PARTNRT YPE = 'SoldTo']/ADDRESS/P OSTALCODE	Contact/PostalAddress/PostalCode	
PARTNER[PARTNRT YPE = 'SoldTo']/ADDRESS/C OUNTRY	Contact/PostalAddress/<Country isoCountryCode =>	
	Contact/PostalAddress/Country	
PARTNER[PARTNRT YPE = 'SoldTo']/CONTACT/E MAIL	Contact/Email	
PARTNER[PARTNRT YPE = 'SoldTo']/ADDRESS/C OUNTRY	Contact/Phone/TelephoneNumber/< CountryCode isoCountryCode =>	
PARTNER[PARTNRT YPE = 'SoldTo']/CONTACT/T ELEPHONE	Contact/Phone/TelephoneNumber/ Number	
DATAAREA/PROCES S_PO/POORDERHDR	**OrderRequestHeader/Comments**	

/DESCRIPTN		
DATAAREA/PROCESS_PO/POORDERHDR/ATTCHREF	Comments/Attachment	For each ATTCHREF, Attachment repeats
POORDERHDR/ATTCHREF/URI	Comments/Attachment/URL	For each URI under ATTCHREF, cXML tag URL repeats under Attachment tag
POORDERHDR/ATTCHREF/FILENAME	Comments/Attachment/URL	For each FILENAME tag under ATTCHREF, cXML tag URL repeats with "CID:" concatenated to the filename.
DATAAREA/PROCESS_PO/POORDERHDR/ACKREQUEST	OrderRequestHeader/<Extrinsic name="ACKREQD">	
DATAAREA/PROCESS_PO/POORDERHDR/USERAREA/DATETIME[@qualifier='APPREQ']	OrderRequestHeader/<Extrinsic name="ACKBYDATE">	This Extrinsic cXML tag appears only if the DATETIME[@qualifier='APPREQ'] exisits
DATAAREA/PROCESS_PO/POORDERHDR/USERAREA/TANDC	OrderRequestHeader/<Extrinsic name="TANDC">	
DATAAREA/PROCESS_PO/POORDERHDR/PORELEASE	OrderRequestHeader/<Extrinsic name="RELEASENUM">	
DATAAREA/PROCESS_PO/POORDERHDR/USERAREA/DFFPOHEADER/ATTRIBUTEx	OrderRequestHeader/<Extrinsic name="ATTRIBUTEx">	In ATTRIBUTEx, x varies from 1 to 16
DATAAREA/PROCESS_PO/POORDERHDR/<NOTES index='X'>	OrderRequestHeader/<Extrinsic name="NOTES_X">	The attribute index of OAG tag NOTES gets concatenated to "NOTES_". Also, Extrinsic tag repeats for every OAG NOTES tag.
DATAAREA/PROCESS_PO/POORDERLIN/POLINESCHD	cXML/Request/OrderRequest/ItemOut	For each POLINESCHD, ItemOut tag repeats.
POORDERLIN/POLINESCHD/PSCLINENUM	<ItemOut lineNumber=>	The OAG tag values of POLINENUM and PSCLINENUM are concatenated together by separating string as '0'.
POORDERLIN/POLINENUM		
POLINESCHD/QUANTITY/VALUE	<ItemOut quantity=>	
POLINESCHD/QUANTITY/NUMOFDEC		
DATAAREA/PROCESS_PO/POORDERHDR/POORDERLIN/ITEMX	<ItemOut agreementItemNumber=>	This attribute appears only if POORDERHDR/POTYPE='

		RELEASE'
POLINESCHD/DATETIME	<ItemOut requestedDeliveryDate=>	Timestamp is printed in the cXML format.
POORDERLIN/ITEMX	ItemOut/ItemID/SupplierPartID	
POORDERLIN/USERAREA/CONFIGID	ItemOut/ItemID/SupplierPartAuxiliaryID	
POLINESCHD/USERAREA/OPERAMT/CURRENCY	ItemOut/ItemDetail/UnitPrice/<Money currency =>	
POLINESCHD/USERAREA/OPERAMT[@qualifier='UNIT' and @type='T']/VALUE	ItemOut/ItemDetail/UnitPrice/Money	
POLINESCHD/USERAREA/OPERAMT[@qualifier='UNIT' and @type='T']/NUMOFDEC		
POORDERLIN/DESCRIPTN	ItemOut/ItemDetail/Description	
POORDERLIN/QUANTITY/UOM	ItemOut/ItemDetail/UnitOfMeasure	
POORDERLIN/POLINENUM	ItemOut/ItemDetail/<Extrinsic name="LINENUM">	
POLINESCHD/PSCLINENUM	ItemOut/ItemDetail/<Extrinsic name="SHIPMENTNUM">	
POORDERLIN/ITEM	ItemOut/ItemDetail/<Extrinsic name="BUYERPARTNUM">	
POORDERLIN/USERAREA/DFFLINE/ATTRIBUTEx	ItemOut/ItemDetail/<Extrinsic name="LINEATTRIBUTEx">	LINEATTRIBUTE1 to LINEATTRIBUTE16 are mapped to corresponding Extrinsic cXML tags.
POLINESCHD/USERAREA/DISTPROJECT/DFFDISTRIBUTN/ATTRIBUTEx	ItemOut/ItemDetail/<Extrinsic name="ATTRIBUTEx">	ATTRIBUTE1 to ATTRIBUTE16 are mapped to corresponding Extrinsic cXML tags.
POORDERLIN/POLINESCHD/USERAREA/DROPSHIPDETAILS/DROPSHIPCUSTNAME	ItemOut/ItemDetail/<Extrinsic name="DROPSHIP_CUSTOMERNAME">	
POORDERLIN/<NOTES index='X'>	ItemOut/ItemDetail/<Extrinsic name="NOTES_X">	The attribute index of OAG tag NOTES gets concatenated to "NOTES_". Also, Extrinsic tag repeats for every OAG NOTES tag.
DATAAREA/PROCESS_PO/POORDERHDR/PARTNER[PARTNRTYPE =	ItemOut/SupplierList/Supplier/<Name xml:lang='en'>	

'Supplier']/NAME		
POLINESCHD/USERAREA/NOTES	ItemOut/SupplierList/Supplier/Comments	
DATAAREA/PROCESS_PO/POORDERHDR/PARTNER[PARTNRTYPE = 'Supplier']/PARTNRID	ItemOut/SupplierList/Supplier/<SupplierID domain =>	Hardcoded to DUMMY
DATAAREA/PROCESS_PO/POORDERHDR/PARTNER[PARTNRTYPE = 'Supplier']/CONTACT/NAME	ItemOut/SupplierList/Supplier/SupplierLocation/OrderMethods/Contact/Name	
DATAAREA/PROCESS_PO/POORDERHDR/PARTNER[PARTNRTYPE = 'Supplier']/CONTACT/EMAIL	ItemOut/SupplierList/Supplier/SupplierLocation/OrderMethods/Contact/Email	
DATAAREA/PROCESS_PO/POORDERHDR/PARTNER[PARTNRTYPE = 'Supplier']/ADDRESS/COUNTRY	ItemOut/SupplierList/Supplier/SupplierLocation/OrderMethods/Contact/Phone/TelephoneNumber/<CountryCode isoCountryCode =>	
DATAAREA/PROCESS_PO/POORDERHDR/PARTNER[PARTNRTYPE = 'Supplier']/CONTACT/TELEPHONE	ItemOut/SupplierList/Supplier/SupplierLocation/OrderMethods/Contact/Phone/TelephoneNumber/Number	
POORDERLIN/OPERAMT/CURRENCY	ItemOut/Tax/<Money currency=>	
POORDERLIN/POLINESCHD/USERAREA/TAXABLE	ItemOut/Tax/<TaxDetail category =>	If TAXABLE tag value is N, then category value is 'Non-Taxable'. Else category takes 'Taxable'.
POORDERLIN/POLINESCHD/USERAREA/TAXCODE	ItemOut/Tax/<TaxDetail purpose =>	
POORDERLIN/OPERAMT/CURRENCY	ItemOut/Tax/TaxDetail/TaxAmount/<Money currency =>	
POORDERLIN/ATTCHREF/URI	ItemOut/Comments/Attachment/URL	For each URI under ATTCHREF, cXML tag URL repeats under Attachment tag
POORDERLIN/ATTCHREF/FILENAME	ItemOut/Comments/Attachment/URL	For each FILENAME tag under ATTCHREF, cXML tag URL repeats with "CID:" concatenated to the

		filename.

Change Purchase Order

Changes to purchase orders are processed by a buying organization's Oracle Purchasing Application and sent to the Oracle SN as a CHANGE_PO_006 XML payload (OAG change order). The Oracle SN will deliver it to the appropriate supplier in their preferred format, ether as a cXML OrderRequest Update document or as an OAG change order. Oracle SN will perform the necessary mapping to generate the cXML OrderRequest from the OAG change order.

OAG CHANGE PO 006

Field Descriptions
The data types and document structure of the CHANGE_PO_006 are very similar to the PROCESS_PO_007. The following table describes the few differences in the CHANGE_PO_006. It is important to note the
CHANGE_PO_006 will contain only
the identified PO changes, and thus will not include lines and shipments that were not changed from the
original PO.

For complete information on the OAG BOD, refer to the Business Object Definition included within the OAG Integration Specification Release 7.2.1, and to the related definitions in Appendix C and Appendix D of the same document.

OAGIS CHANGE_PO_006	Required?	Description
<CNTROLAREA>	Required	Value is "CHANGE".
<VERB value="CHANGE">	Required	Value is "CHANGE".
<NOUN value="PO">	Required	Value is "PO".
<REVISION value="007">	Required	Value is "006"
<DATAAREA> **<CHANGE_PO>**	Required	
<POHEADER>	Required	In PROCESS PO this element is named 'POORDERHDR'
<USERAREA><REVISIONNUM>	Optional	Revision number of the PO.

cXML OrderRequest Update

Field Descriptions

The OrderRequestHeader attributes values used in a cXML OrderRequest for a change order are described below.

Other than these attributes the data types and structure are similar to an OrderRequest for an original purchase order.

These change order attributes were added in the 1.2.009 cXML version. Please refer to the Appendices for examples of the OAG Change PO and the cXML OrderRequest Update documents.

<OrderRequestHeader> *Required*

The **orderVersion** attribute identifies the version number of the OrderRequest. Each time an official change order is generated (for the same orderID) a new OrderRequest document is created with a new version number,

incrementing by one. The original purchase order (OrderRequest) has an orderVersion value of '1'.

The **type** attribute is set to "update", which is used to denote a change order.

Mapping Overview

The following table shows the data types (fields) mapped between the cXML OrderRequest Update and CHANGE_PO_006. This table only lists those data segments and attributes that are unique to a change order.

OAG Tag	cXML Tag	Comments
CHANGE_PO_006	**cXML**	
	<cXML version ='1.1.010'>	Our current version.
	<cXML payloadID=>	Comes from CONTROL_NUMBER variable passed by Hub server.
	<cXML timestamp=>	Comes from TIMESTAMP variable passed by Hub server.
	cXML/Header/From/<Credential domain=>	Comes from SENDER_ID_TYPE variable passed by Hub server.
	cXML/Header/From/Credential/Identity	Comes from SENDER_ID variable passed by Hub server.
	cXML/Header/To/<Credential domain=>	Comes from RECEIVER_ID_TYPE variable passed by Hub server.
	cXML/Header/To/Credential/Identity	Comes from RECEIVER_ID variable passed by Hubserver
	cXML/Header/Sender/<Credential domain="OracleSN">/Identity	Comes from RECEIVER_USERNAME variable passed by Hubserver
	cXML/Header/Sender/<Credential domain="OracleSN">/SharedSecret	Comes from RECEIVER_PASSWORD variable passed by Hubserver
	cXML/Header/Sender/UserAgent = 'Oracle Supplier Network'	
DATAAREA/CHANGE_PO/POHEADER/	**<cXML>/<Request>/<OrderRequest>/<OrderRequestHeader>**	
POHEADER/POSTATUS	<OrderRequestHeader type=>	type is 'update' for all values of POSTATUS except for CANCELLED. For CANCELLED, type is 'delete'
POHEADER/POID	<OrderRequestHeader orderID=>	
POHEADER/DATETIME	<OrderRequestHeader orderDate=>	

POHEADER/POTYPE	<OrderRequestHeader orderType=>	If POTYPE is 'RELEASE' then orderType is set to 'release'. If POTYPE is 'STANDARD' then orderType is set to 'regular'. In all other cases the value of orderType is set to same value as POTYPE
DATAAREA/CHANGE_PO/POLINE/USERAREA/CONTRACTPONUM	<OrderRequestHeader agreementID=>	
DATAAREA/CHANGE_PO/POHEADER/USERAREA/REVISIONNUM + 1	<OrderRequestHeader orderVersion=>	
POHEADER/OPERAMT/CURRENCY	OrderRequestHeader/Total/<Money currency=>	
POHEADER/OPERAMT/VALUE		
POHEADER/OPERAMT/NUMOFDEC	OrderRequestHeader/Total/Money	
DATAAREA/CHANGE_PO/POLINE[1]/SCHEDULE[1]	**OrderRequestHeader/ShipTo**	Generate the ShipTo segment from the first schedule line in the first order line
SCHEDULE/USERAREA/PARTNER/ADDRESS/COUNTRY	ShipTo/<Address isoCountryCode=>	
SCHEDULE/USERAREA/PARTNER/PARTNRIDX	ShipTo/<Address addressID=>	
SCHEDULE/USERAREA/PARTNER/ADDRESS/DESCRIPTN	ShipTo/Address/<Name xml:lang="en">	
POLINE/USERAREA/REQUESTOR	ShipTo/Address/PostalAddress/DeliverTo	
SCHEDULE/USERAREA/PARTNER/ADDRESS/ADDRLINE	ShipTo/Address/PostalAddress/Street	For each ADDRLINE, <Street> tag gets repeated.
SCHEDULE/USERAREA/PARTNER/ADDRESS/CITY	ShipTo/Address/PostalAddress/City	
SCHEDULE/USERAREA/PARTNER/ADDRESS/STATEPROVN	ShipTo/Address/PostalAddress/State	
SCHEDULE/USERAREA/PARTNER/ADDRESS/POSTALCODE	ShipTo/Address/PostalAddress/PostalCode	
SCHEDULE/USERAREA/PARTNER/ADDRESS/COUNTRY	ShipTo/Address/PostalAddress/<Country isoCountryCode =>	
	ShipTo/Address/PostalAddress/Country	
SCHEDULE/USERAREA/PARTNER/ADDRESS/COUNTRY	ShipTo/Address/PostalAddress/Phone/TelephoneNumber/<CountryCode isoCountryCode =>	Value is converted into a country code.
SCHEDULE/USERAREA/PARTNER/ADDRESS/TELEPHONE	ShipTo/Address/PostalAddress/Phone/TelephoneNumber/Number	
DATAAREA/CHANGE_PO/POHEADER/PARTNER[PARTNRTYPE = 'BillTo']/	**OrderRequestHeader/BillTo**	
PARTNER[PARTNRTYPE = 'BillTo']/ADDRESS/COUNTRY	BillTo/<Address isoCountryCode =>	
PARTNER[PARTNRTYPE = 'BillTo']/PARTNRIDX	BillTo/<Address addressID =>	
PARTNER[PARTNRTYPE = 'BillTo']/ADDRESS/DESCRIPTN	BillTo/Address/Name	

PARTNER[PARTNRTYPE = 'BillTo']/ADDRESS/ADDRLINE	BillTo/Address/PostalAddress/Street	For each ADDRLINE, the <Street> tag will repeat.
PARTNER[PARTNRTYPE = 'BillTo']/ADDRESS/CITY	BillTo/Address/PostalAddress/City	
PARTNER[PARTNRTYPE = 'BillTo']/ADDRESS/STATEPROVN	BillTo/Address/PostalAddress/State	
PARTNER[PARTNRTYPE = 'BillTo']/ADDRESS/POSTALCODE	BillTo/Address/PostalAddress/Postal Code	
PARTNER[PARTNRTYPE = 'BillTo']/ADDRESS/COUNTRY	BillTo/Address/PostalAddress/<Country isoCountryCode => BillTo/Address/PostalAddress/Country	
PARTNER[PARTNRTYPE = 'BillTo']/CONTACT/EMAIL	BillTo/Address/Email	
PARTNER[PARTNRTYPE = 'BillTo']/ADDRESS/COUNTRY	BillTo/Address/Phone/TelephoneNumber/<CountryCode isoCountryCode=>	
PARTNER[PARTNRTYPE = 'BillTo']/ADDRESS/TELEPHONE	BillTo/Address/Phone/TelephoneNumber/Number	
PARTNER[PARTNRTYPE = 'BillTo']/ADDRESS/COUNTRY	BillTo/Address/Fax/TelephoneNumber/<CountryCode isoCountryCode=>	
	BillTo/Address/Fax/TelephoneNumber/<Number ='FAX'>	Hardcoded value
DATAAREA/CHANGE_PO/POHEADER/PARTNER[PARTNRTYPE = 'Carrier']	OrderRequestHeader/Shipping	Getting the PARTNER node where the type is 'Carrier'
POORDERHDR/PARTNER[PARTNRTYPE = 'Carrier']/NAME	<Shipping trackingDomain=>	
POHEADER/OPERAMT/CURRENCY	Shipping/<Money currency =>	
POORDERHDR/PARTNER[PARTNRTYPE = 'Carrier']/NAME	Shipping/<Description xml:lang='en'>	
DATAAREA/CHANGE_PO/POHEADER/USERAREA/PCARDHDR	OrderRequestHeader/Payment/<PCard>	For each PCARDHDR, PCard in cXML gets repeated
PCARDHDR/PCARDNUM	<PCard number=>	
PCARDHDR/DATETIME	<PCard expiration=>	Date is printed in standard cXML format
PCARDHDR/PCARDBRAND	<PCard name=>	
DATAAREA/CHANGE_PO/POHEADER/PARTNER[PARTNRTYPE = 'SoldTo']/CONTACT	OrderRequestHeader/<Contact role='buyer'>	
PARTNER[PARTNRTYPE = 'SoldTo']/CONTACT/NAME	Contact/Name	
PARTNER[PARTNRTYPE = 'SoldTo']/ADDRESS/ADDRLINE	Contact/PostalAddress/Street	For each ADDRLINE, Street tag gets repeated.
PARTNER[PARTNRTYPE = 'SoldTo']/ADDRESS/CITY	Contact/PostalAddress/City	
PARTNER[PARTNRTYPE = 'SoldTo']/ADDRESS/STATEPROVN	Contact/PostalAddress/State	
PARTNER[PARTNRTYPE = 'SoldTo']/ADDRESS/POSTALCODE	Contact/PostalAddress/PostalCode	
PARTNER[PARTNRTYPE = 'SoldTo']/ADDRESS/COUNTRY	Contact/PostalAddress/<Country isoCountryCode =>	

	Contact/PostalAddress/Country	
PARTNER[PARTNRTYPE = 'SoldTo']/CONTACT/EMAIL	Contact/Email	
PARTNER[PARTNRTYPE = 'SoldTo']/ADDRESS/COUNTRY	Contact/Phone/TelephoneNumber/< CountryCode isoCountryCode =>	
PARTNER[PARTNRTYPE = 'SoldTo']/CONTACT/TELEPHONE	Contact/Phone/TelephoneNumber/Number	
DATAAREA/CHANGE_PO/POHEADER/DESCRIPTN	OrderRequestHeader/Comments	
DATAAREA/CHANGE_PO/POHEADER/ATTCHREF	OrderRequestHeader/Comments/Attachment	For each ATTCHREF, Attachment repeats
POHEADER/ATTCHREF/URI	OrderRequestHeader/Comments/Attachment/URL	For each URI under ATTCHREF, cXML tag URL repeats under Attachment tag
POHEADER/ATTCHREF/FILENAME	OrderRequestHeader/Comments/Attachment/URL	For each FILENAME tag under ATTCHREF, cXML tag URL repeats with "CID:" concatenated to the filename.
DATAAREA/CHANGE_PO/POHEADER/ACKREQUEST	OrderRequestHeader/<Extrinsic name="ACKREQD">	
DATAAREA/CHANGE_PO/POHEADER/USERAREA/DATETIME[@qualifier='APPREQ']	OrderRequestHeader/<Extrinsic name="ACKBYDATE">	This Extrinsic cXML tag appears only if the DATETIME[@qualifier='APPREQ'] exisits
DATAAREA/CHANGE_PO/POHEADER/USERAREA/TANDC	OrderRequestHeader/<Extrinsic name="TANDC">	
DATAAREA/CHANGE_PO/POHEADER/PORELEASE	OrderRequestHeader/<Extrinsic name="RELEASENUM">	
DATAAREA/CHANGE_PO/POHEADER/USERAREA/DFFPOHEADER/ATTRIBUTEx	OrderRequestHeader/<Extrinsic name="ATTRIBUTEx">	In ATTRIBUTEx, x varies from 1 to 16
DATAAREA/CHANGE_PO/POHEADER/<NOTES index='X'>	OrderRequestHeader/<Extrinsic name="NOTES_X">	The attribute index of OAG tag NOTES gets concatenated to "NOTES_". Also, Extrinsic tag repeats for every OAG NOTES tag.
DATAAREA/CHANGE_PO/POLINE/SCHEDULE	**cXML/Request/OrderRequest/ItemOut**	For each POLINESCHD, ItemOut tag repeats.
POLINE/SCHEDULE/PSCLINENUM	<ItemOut lineNumber=>	The OAG tag values of POLINENUM and PSCLINENUM are concatenated together by separating string as '0'.
POLINE/POLINENUM		
SCHEDULE/QUANTITY/VALUE	<ItemOut quantity=>	
SCHEDULE/QUANTITY/NUMOFDEC		
POLINE/ITEMX	<ItemOut agreementItemNumber=>	This attribute appears only if POORDERHDR/POTYPE='RELEASE'
SCHEDULE/DATETIME	<ItemOut requestedDeliveryDate=>	Timestamp is printed in the cXML format.
POLINE/ITEMX	ItemOut/ItemID/SupplierPartID	
POLINE/USERAREA/CONFIGID	ItemOut/ItemID/SupplierPartAuxiliaryID	
POLINE/OPERAMT/CURRENCY	ItemOut/ItemDetail/UnitPrice/<Mone	

	y currency =>	
POLINE/OPERAMT[@qualifier='UNIT' and @type='T']/VALUE	ItemOut/ItemDetail/UnitPrice/Money	
POLINE/OPERAMT[@qualifier='UNIT' and @type='T']/NUMOFDEC		
POLINE/DESCRIPTN	ItemOut/ItemDetail/Description	
POLINE/QUANTITY/UOM	ItemOut/ItemDetail/UnitOfMeasure	
POLINE/POLINENUM	ItemOut/ItemDetail/<Extrinsic name="LINENUM">	
SCHEDULE/PSCLINENUM	ItemOut/ItemDetail/<Extrinsic name="SHIPMENTNUM">	
POLINE/ITEM	ItemOut/ItemDetail/<Extrinsic name="BUYERPARTNUM">	
POLINE/USERAREA/DFFLINE/ATTRIBUTEx	ItemOut/ItemDetail/<Extrinsic name="LINEATTRIBUTEx">	LINEATTRIBUTE1 to LINEATTRIBUTE16 are mapped to corresponding Extrinsic cXML tags.
POLINE/SCHEDULE/USERAREA/DISTPROJECT/DFFDISTRIBUTN/ATTRIBUTEx	ItemOut/ItemDetail/<Extrinsic name="ATTRIBUTEx">	ATTRIBUTE1 to ATTRIBUTE16 are mapped to corresponding Extrinsic cXML tags.
POLINE/<NOTES index='X'>	ItemOut/ItemDetail/<Extrinsic name="NOTES_X">	The attribute index of OAG tag NOTES gets concatenated to "NOTES_". Also, Extrinsic tag repeats for every OAG NOTES tag.
DATAAREA/CHANGE_PO/POHEADER/PARTNER[PARTNRTYPE = 'Supplier']/NAME	ItemOut/SupplierList/Supplier/<Name xml:lang='en'>	
DATAAREA/CHANGE_PO/POORDERHDR/PARTNER[PARTNRTYPE = 'Supplier']/PARTNRID	ItemOut/SupplierList/Supplier/<SupplierID domain =>	Attribute domain is hardcoded to DUMMY
DATAAREA/CHANGE_PO/POORDERHDR/PARTNER[PARTNRTYPE = 'Supplier']/CONTACT/NAME	ItemOut/SupplierList/Supplier/SupplierLocation/OrderMethods/Contact/Name	
DATAAREA/CHANGE_PO/POORDERHDR/PARTNER[PARTNRTYPE = 'Supplier']/CONTACT/EMAIL	ItemOut/SupplierList/Supplier/SupplierLocation/OrderMethods/Contact/Email	
DATAAREA/CHANGE_PO/POORDERHDR/PARTNER[PARTNRTYPE = 'Supplier']/ADDRESS/COUNTRY	ItemOut/SupplierList/Supplier/SupplierLocation/OrderMethods/Contact/Phone/TelephoneNumber/<CountryCode isoCountryCode =>	
DATAAREA/CHANGE_PO/POORDERHDR/PARTNER[PARTNRTYPE = 'Supplier']/CONTACT/TELEPHONE	ItemOut/SupplierList/Supplier/SupplierLocation/OrderMethods/Contact/Phone/TelephoneNumber/Number	
POLINE/OPERAMT/CURRENCY	ItemOut/Tax/<Money currency=>	
POLINE/SCHEDULE/USERAREA/TAXABLE	ItemOut/Tax/<TaxDetail category =>	If TAXABLE tag value is N, then category value is 'Non-Taxable'. Else category takes 'Taxable'.
POLINE/SCHEDULE/USERAREA/TAXCODE	ItemOut/Tax/<TaxDetail purpose =>	
POLINE/OPERAMT/CURRENCY	ItemOut/Tax/TaxDetail/TaxAmount/<Money currency =>	
POLINE/ATTCHREF/URI	ItemOut/Comments/Attachment/URL	For each URI under ATTCHREF, cXML tag URL repeats under Attachment tag

POLINE/ATTCHREF/FILENAME	ItemOut/Comments/Attachment/URL	For each FILENAME tag under ATTCHREF, cXML tag URL repeats with "CID:" concatenated to the filename.

Advance Ship Notice (ASN)

Ship notice transactions (ASNs) are sent by a selling organization to alert the buyer of incoming shipments. The ASNs describe critical elements of the shipments, including the date of shipment, expected date of receipt, the contents of the shipments, etc.   The Oracle Supplier Network can receive an OAG Show Shipment XML document from the supplier and pass that through to the buyer. Alternatively, the supplier can send a cXML ShipNoticeRequest message. In this case, the Oracle SN does the necessary transformations to create the OAG Show Shipment document and routes the message to the buyer.

OAG SHOW SHIPMENT 005

Field Descriptions
The following table describes the data types (fields) in the DTD that are used by the Oracle Purchasing Application to consume the SHOW_SHIPMENT_005 message. For complete information on this OAG BOD, refer to the Business Object Definition included within the Open Applications Group Integration Specification Release 7.2.1.

OAGIS SHOW_SHIPMENT_005	Required?	Description
\<CNTROLAREA\>		The fields included in this area provide information about the XML document:
\<BSR\>	Required	Shows the Business Service Request name per OAGI:
\<VERB value="SHOW"\>	Required	Value is "SHOW".
\<NOUN value="SHIPMENT"\>	Required	Value is "SHIPMENT".
\<REVISION value="005"\>	Required	Value is "007"
\<SENDER\>	Required	Provides information on the system that sends the document:
\<LOGICALID\>	Required	Sender system identifier.
\<COMPONENT\>	Required	Sender application name. Value is "OSN".
\<TASK\>	Required	Event or Action. Value is SHOW.
\<REFERENCEDID\>	Required	Unique reference ID for this document.
\<CONFIRMATION\>	Required	Confirmation when document is received. Value is 0, meaning none is required.
\<LANGUAGE\>	Required	Language in which the text fields are transmitted.
\<CODEPAGE\>	Required	Character set used in this XML document.
\<AUTHID\>	Required	System ID of sender. Value is APPS.
\<DATETIME (CREATION)\>	Required	Creation date and time of the XML document.
\<DATAAREA\> \<SHOW_SHIPMENT\>	Required	The fields included in this area provide information about the data included in the XML document.
\<SHIPMENT\>	Required	This element contains general information for the goods being transported from the supplier to the buyer. Include only one SHIPMENT per XML transaction.
\<DATETIME (DOCUMENT) \>	Optional	
\<DATETIME (SHIP) \>	Optional	Date the shipment was shipped. Must be earlier than or equal to today's date and the expected receipt date.
\<DATETIME (DELIVSCHED) \>	Optional	Expected arrival date of the shipment. Note: It must be later than DATETIME(SHIP).
\<DOCUMENTID\>	Optional	Unique shipment number from the supplier. The number needs to be unique for a given supplier, supplier site, and ship-to organization.
\<NOTES1 - NOTES9\>	Optional	Notes or comments.
\<USERAREA\>	Optional	

OAGIS SHOW_SHIPMENT_005	Required?	Description
<CARRIERCODE>	Required	Carrier responsible for the shipment.
<CARRIERMETHOD>	Required	Carrier transportation method code.
<CARRIEREQUIP>	Optional	Carrier equipment description code.
<HAZARDCODE>	Optional	Hazardous material qualifier code of the shipment.
<HAZARDDESC>	Optional	Hazardous material description.
<PARTNER>– ShipFrom	Optional	This element provides general business information about the supplier shipping the items. Include only one ShipFrom partner per XML transaction.
<PARTNRID>	Optional	Required by OAGI, but not used by Purchasing.
<PARTNRTYPE>	Required	Required by OAGI, but not used by Purchasing.
<PARTNRIDX>	Required	Unique identifier that the buyer and supplier have agreed on to identify the supplier site. Value is matched to the EDI Location code for the site in the Supplier Sites window. This site must exist within the operating unit that is receiving the ASN.
<PARTNER >– ShipTo	Required	This element provides general business information about the location receiving the items. Include only one ShipTo partner per XML transaction.
<PARTNRID>	Required	Required by OAGI, but not used by Purchasing.
<PARTNRTYPE>	Required	Required by OAGI, but not used by Purchasing.
<PARTNRIDX>	Optional	Unique identifier the buyer and supplier have agreed on to identify the receiving location to which the ASN is sent. For shipments to the buying organization, the value is matched to the EDI Location code for the location in the Locations window. For drop shipments, the value is not required. If provided, it is matched to the EDI Location code in the Customer Addresses window. If not provided, the application derives the location by doing an exact match between the ADDRESS in the XML and the address in the application. (If no match is found, an error is raised.)
<DOCUMNTREF>– PackingSlip	Required	
<DOCTYPE>	Optional	Not used by Purchasing. Enter "PackingSlip".
<DOCUMENTID>	Optional	Packing slip number.
<PARTNERID>	Optional	Not used by Purchasing.
<PARTNERTYPE>	Optional	Not used by Purchasing.
<DOCUMNTREF> - WaybillAirbill	Optional	
<DOCTYPE>	Optional	Not used by Purchasing. Enter "WaybillAirbill".
<DOCUMENTID>	Optional	Waybill or airbill number.
<PARTNERID>	Optional	Not used by Purchasing.
<PARTNERTYPE>	Optional	Not used by Purchasing.
<SHIPITEM>	Optional	At least 1 occurrence of SHIPITEM is required per ASN document. This element includes the item information, including references to purchase order and line information. Repeat the SHIPITEM element for each item. The items in the SHIPITEM elements must belong to the same ship-to organization in Purchasing.
<QUANTITY (ITEM) >	Optional	Shipment quantity and UOM. If the UOM is different from the primary UOM defined in Purchasing or the source document UOM, then a conversion must be defined between the two UOMs in the Unit of Measure

OAGIS SHOW_SHIPMENT_005	Required?	Description
		Conversions window.
\<ITEM\>	Optional	Supplier item number of the item being received. This number must exist on the specified purchase order as the supplier item number. Note: Either ITEM or ITEMX is required.
\<ITEMX\>	Required	Buyer's item number of the item being received. The item number must be defined in Purchasing for the specified order and ship-to organization. Note: Either ITEM or ITEMX is required.
\<DOCUMNTREF\> - PurchaseOrder	Optional	The PurchaseOrder DOCUMNTREF is used only at the SHIPITEM level. Include only one PurchaseOrder DOCUMNTREF element per SHIPITEM element.
\<DOCTYPE\>	Required	Required by OAGI, but not used by Purchasing. Enter PurchaseOrder.
\<DOCUMNTID\>	Required	Purchase order (PO) document number against which the receipt is to be performed. It must be a valid document number in Purchasing and must be valid within the operating unit receiving the ASN. If there is more than one PO with this same number in more than one operating unit, Purchasing matches the ASN with the PO that has the same supplier and site as on the ASN. If the supplier and site are also the same, then Purchasing matches the ASN with the PO that has the same ITEM or ITEMX as on the ASN. If these are also the same, an error notification is sent to the supplier (to the e-mail given in the Trading Partner Setup window).
\<PARTNRID\>	Required	Required by OAGI, but not used by Purchasing.
\<PARTNRTYPE\>	Required	Required by OAGI, but not used by Purchasing.
\<LINENUM\>	Required	PO line number against which the receipt is to be performed. It must be a valid number on the purchase order being received against and must be valid within the operating unit receiving the ASN.
\<SCHLINENUM\>	Required	PO shipment line number. It must be a valid number on the purchase order being received against and must be valid within the operating unit receiving the ASN.

cXML ShipNoticeRequest

Field Descriptions

The following section provides information on the some of the common data types (fields) in the cXML ShipNoticeRequest document. For complete information on the cXML ShipNoticeRequest, refer to the cXML specifications at http://www.cxml.org.

\<ShipNoticeHeader\> *Required*

    The shipmentID attribute is used to identify the shipment made by the supplier. The operation attribute indicates the operation mode of the ship notice document; the default is "new". The date and time the ship notice was created is represented by the noticeDate attribute. The shipmentDate attribute represents the date and time the shipment left the supplier. The deliveryDate attribute indicates the date and time the shipment is expected to arrive.

<Contact role ="shipTo"> *Required*

    Partner contact information that is important to the transaction. In this mapping the role="shipTo" is mapped to the OAG PARTNER, where PARTNRTYPE="ShipTo".

<Contact role ="shipFrom"> *Required*

    Partner contact information that is important to the transaction. In this mapping the role=" shipFrom" is mapped to the OAG PARTNER, where PARTNRTYPE="ShipFrom".

<ShipControl> *Optional*

    Specifies the carrier information for some part of the shipment. The identifier provided at this element is used for shipment tracking purposes.

<CarrierIdentifier> *Required*

    Identifies the carrier transporting the shipment.

<ShipmentIdentifier> *Required*

    An identifier provided by the carrier used to track the shipment.

<ShipNoticePortion> *Optional*

<OrderReference> *Required*

    The purchase order number this shipment is for.

<Comments> *Optional*

    Provides additional information about the shipment.

<ShipNoticeItem> *Optional*

    Specifies line item level information for the shipment. The quantity attributes indicates the quantity of the referenced item being shipped. The lineNumber attribute indicates which purchase order line number this item references.

<UnitOfMeasure> *Required*

    Indicates the unit of measure for the line item being shipped.

<Extrinsic name="supplierPartNum"> *Conditionally Required*

    Represents the supplier's part number being shipped for the line item. Either the extrinsic supplierPartNum attribute or the "buyerPartNum" is required.

<Extrinsic name="buyerPartNum"> *Conditionally Required*

    Represents the buyer's part number being shipped for the line item. Either the extrinsic supplierPartNum attribute or the "buyerPartNum" is required.

<Extrinsic name="shipmentNum"> *Required*

    Represents the purchase order shipment number the shipment is referring.

Mapping Overview

The following table shows the data types (fields) mapped between the cXML ShipNoticeRequest and the OAG Show Shipment. This table is not the complete mapping but is intended to highlight some of the key transformations done by Oracle SN. Please refer to the OAG Show Shipment and cXML ShipNoticeRequest sample payloads in the Appendices for transformation examples.

cXML ShipNoticeRequest Field	OAG Show Shipment Field
<Request>	
<ShipNoticeRequest>	
<ShipNoticeHeader>	
<ShipNoticeHeader shipmentID= >	SHIPMENT. DOCUMENTID
<ShipNoticeHeader noticeDate= >	SHIPMENT. DATETIME (DOCUMENT)
<ShipNoticeHeader shipmentDate= >	SHIPMENT. DATETIME (SHIP)
<ShipNoticeHeader deliveryDate= >	SHIPMENT. DATETIME (DELIVSCHED)

cXML ShipNoticeRequest Field	OAG Show Shipment Field
<Contact role="shipFrom" addressID= >	SHIPMENT.PARTNER.PARTNRIDX where PARTNRTYPE="ShipFrom" (The addressID must be a unique identifier that buyer and supplier have agreed on to identify the supplier site.)
<Name xml:lang=>	SHIPMENT. PARTNER. NAME where PARTNRTYPE="ShipFrom"
<PostalAddress>	SHIPMENT. PARTNER. ADDRESS where PARTNRTYPE="ShipFrom"
<Street>	SHIPMENT. PARTNER. ADDRESS. ADDRLINE where PARTNRTYPE="ShipFrom"
<City>	SHIPMENT. PARTNER. ADDRESS. CITY where PARTNRTYPE="ShipFrom"
<State>	SHIPMENT. PARTNER. ADDRESS. REGION where PARTNRTYPE="ShipFrom"
<PostalCode>	SHIPMENT. PARTNER. ADDRESS. POSTALCODE where PARTNRTYPE="ShipFrom"
<Country isoCountryCode= >	SHIPMENT. PARTNER. ADDRESS. COUNTRY where PARTNRTYPE="ShipFrom"
<Phone>	
<TelephoneNumber>	SHIPMENT. PARTNER. ADDRESS. TELEPHONE where PARTNRTYPE="ShipFrom"
<CountryCode isoCountryCode= >	SHIPMENT. PARTNER. ADDRESS. COUNTRY where PARTNRTYPE="ShipFrom"
<Contact role="shipTo" addressID=>	SHIPMENT. PARTNER. PARTNRIDX where PARTNRTYPE="ShipTo" (The addressID must be a unique identifier the buyer and supplier have agreed on to which the ASN is sent.)
<Name xml:lang=>	SHIPMENT. PARTNER. NAME where PARTNRTYPE ="ShipTo"
<PostalAddress>	SHIPMENT. PARTNER. ADDRESS where PARTNRTYPE="ShipTo"
<Street>	SHIPMENT. PARTNER. ADDRESS. ADDRLINE where PARTNRTYPE="ShipTo"
<City>	SHIPMENT. PARTNER. ADDRESS. CITY where PARTNRTYPE="ShipTo"
<State>	SHIPMENT. PARTNER. ADDRESS. REGION where PARTNRTYPE="ShipTo"
<PostalCode>	SHIPMENT. PARTNER. ADDRESS. POSTALCODE where PARTNRTYPE="ShipTo"
<Country isoCountryCode= >	SHIPMENT. PARTNER. ADDRESS. COUNTRY where PARTNRTYPE="ShipTo"
<Phone>	Not mapped.
<TelephoneNumber>	Not mapped.
<CountryCode isoCountryCode= >	SHIPMENT. PARTNER. ADDRESS. COUNTRY where PARTNRTYPE="ShipTo"
<AreaOrCityCode>	Not mapped.
<Number>	SHIPMENT. PARTNER. ADDRESS. TELEPHONE where PARTNRTYPE="ShipTo"
<Description xml:lang=>	SHIPMENT. USERAREA. HAZARDDESC where PARTNRTYPE="ShipTo"
<Comments xml:lang=>	SHIPMENT. NOTES
<ShipControl>	
<CarrierIdentifier domain= >	SHIPMENT. USERAREA. CARRIERCODE

cXML ShipNoticeRequest Field	OAG Show Shipment Field
<ShipmentIdentifier>	SHIPMENT. DOCUMNTREF. DOCUMENTID
<ShipNoticePortion>	
<OrderReference orderID= >	SHIPITEM. DOCUMNTREF where DOCTYPE="PurchaseOrder" DOCUMENTID
<Comments xml:lang=>	SHIPITEM. NOTES
<ShipNoticeItem quantity= >	SHIPITEM. QUANTITY (ITEM). VALUE
<ShipNoticeItem lineNumber= >	SHIPITEM. DOCUMNTREF where DOCTYPE="PurchaseOrder" LINENUM
<UnitOfMeasure>	SHIPITEM. QUANTITY (ITEM). UOM
<Extrinsic name="supplierPartNum">	SHIPITEM. ITEM
<Extrinsic name="buyerPartNum">	SHIPITEM. ITEMX
<Extrinsic name="shipmentNum">	SHIPITEM. DOCUMNTREF where DOCTYPE="PurchaseOrder" SCHLINENUM

Invoice

Invoice transactions are sent by suppliers to buying organizations for products or services provided. The Oracle Supplier Network creates the OAG PROCESS_INVOICE_002 XML payload from an inbound cXML Invoice Request. The Oracle SN will also pass-through an inbound OAG PROCESS_INVOICE_002 XML payload to the Oracle Applications for processing.

OAG PROCESS INVOICE 002

Field Descriptions
The following table describes the data types (fields) in the DTD that are used by the Oracle Payables Application to consume the PROCESS_INVOICE_002 message. For complete information on the OAG BOD, refer to the Business Object Definition included within the Open Applications Group Integration Specification Release 7.2.1.

OAGIS PROCESS_INVOICE_002	Required?	Description
<CNTROLAREA>	Required	The fields include in this area provide information about the XML Document:
<BSR>	Required	Shows the Business Service Request name per OAGI:
<VERB value="PROCESS">	Required	Value is "PROCESS"
<NOUN value="INVOICE">	Required	Value is "INVOICE"
<REVISION value="002">	Required	Value is "002"
<SENDER>	Required	Provides information on the system that sends the document:
<LOGICALID>	Required	Sender system identifier.
<COMPONENT>	Required	Sender application name. Value is "INVOICE".
<TASK >	Required	Event or Action. Value is "PROCESS"
<REFERENCEID>	Required	Unique reference ID for this document.
<CONFIRMATION>	Required	Confirmation when document is received. Value is 0, meaning none is required.
<LANGUAGE >	Required	Language in which the text fields are transmitted.
<CODEPAGE>	Required	Character set used in this XML document.
<AUTHID >	Required	System ID of sender.
<DATETIME (CREATION) >	Required	Creation date and time of the XML document.
<DATAAREA> **<PROCESS_INVOICE>**	Required	The fields included in this area provide information about the data included in the XML document.
<INVHEADER>	Required	This data type provides header-level invoice information. One invoice header data type is required per document.
<AMOUNT (DOCUMENT) >	Required	This segment is the control total of the debit amounts within the journal entry using transaction currency monetary amounts
<DATETIME (DOCUMENT) >	Required	Timestamp for invoice creation.

OAGIS PROCESS_INVOICE_002	Required?	Description
<DOCUMENTID>	Required	A general identifier of a document number, for this document it contains the supplier's invoice number.
<DESCRIPTN>	Optional	Description for the invoice header.
<DOCTYPE>	Optional	DOCTYPE is a classification of the document or business transaction.
<PARTNER>	Optional	This data type provides information about the trading partner.
<NAME index="1">	Required	Name of the trading partner.
<ONETIME>	Required	Indicator of whether this partner is established for this transaction only.
<PARTNRID>	Optional	Unique identifier for the partner in Oracle Applications.
<PARTNRTYPE>	Optional	Type of partner. Value is Supplier.
<INVCHARGE>	Optional	This data type provides a summarization of the charge amounts across all INVLINES.
<AMOUNT (EXTENDED) >	Required	This segment is the total of the item amount multiplied by the number of items
<CHARGETYPE>	Optional	Identifies the type charge applied to an item or document line item
<DESCRIPTN>	Optional	A free-form description of the transaction or any portion of the transaction.
<LINENUM>	Optional	Line number of the Invoice this charge pertains to.
<INVLINE>	Optional	Represents the detail lines of the invoice.
<AMOUNT (EXTENDED) >	Required	Represents the total for the invoice line. It's the quantity being invoiced times the unit price, including tax.
<OPERAMT (UNIT)>	Optional	The unit price or cost of the item being billed on this invoice.
<QUANTITY (UNIT) >	Optional	The quantity of the item being billed on this invoice.
<LINENUM>	Required	Represents the invoice line number.
<DESCRIPTN>	Optional	A free-form description of the transaction or any portion of the transaction.
<ITEM>	Optional	The supplier's identifier of the product being invoiced.
<ITEMX>	Optional	The buyer's identifier of the product being invoiced.
<DOCUMNTREF>	Optional	The information required to reference a business partner document or document component that pertains to the invoice line.
<DOCTYPE>	Required	Represents the classification of the business document. Value is "PurcahseOrder"
<DOCUMENTID>	Required	Document number identifier.
<PARTNRID>	Required	Identifier of the partner that the PARTNRTYPE defines.
<PARTNRTYPE>	Required	Identifies the type of partner entity. Value is

OAGIS PROCESS_INVOICE_002	Required?	Description
		"Customer"
<DESCRIPTN >	Optional	A free-form description of the transaction or any portion of the transaction.
<LINENUM>	Optional	Represents the purchase order line number.
<SCHLINENUM>	Optional	Represents the purchase order shipment line number.
<INVTAX>	Optional	Contains information pertaining to any tax information.
<AMOUNT TAX)>	Required	Represents the total tax amount for this invoice line.
<AMOUNT (TAXBASE) >	Optional	Represents the total amount that is taxable.
<QUANTITY (PERCENT) >	Optional	Represents the tax percentage being used for the invoice line.
<DESCRIPTN>	Optional	A free-form description of the transaction or any portion of the transaction.
<LINENUM>	Optional	Represents the line number of the invoice the tax is being applied.
<TAXCODE>	Optional	Represents the tax identifier for the item being billed.
<TAXJRSDCTN>	Optional	Represents the tax jurisdiction of the business partner.

cXML InvoiceDetailRequest

<u>Field Descriptions</u>

The following section provides information on the some of the common data types (fields) in the cXML InvoiceDetailRequest document. For complete information on the cXML InvoiceDetailRequest, refer to the cXML specifications at http://www.cxml.org.

<InvoiceDetailRequestHeader>

Provides header information that pertains to the entire invoice. The **invoiceID** attribute is a supplier-generated identifier for the invoice. The **invoiceDate** attribute is the date and time the invoice was created.

<InvoicePartner> *Optional*

Represents the partner involved in invoicing.

<Contact role ="remitTo"> *Required*

Partner contact information that is important to the transaction. In this mapping the role="remitTo" is mapped to the OAG PARTNER, where PARTNRTYPE="Supplier".

<InvoiceDetailOrder> *Conditionally Required*

Provides invoice information for an order with item details. This is used only when isHeaderInvoice attribute is false.

<InvoiceDetailOrderInfo> *Conditionally Required*

Provides information about the purchase order that include order reference and any other related information. This is used only when isHeaderInvoice attribute is true.

<OrderIDInfo> *Optional*

Identifies the buyer's purchase order number

<InvoiceDetailItem> *Conditionally Required*

Represents the invoice line item details. The quantity attribute represents the number of items being invoiced on a transaction. The invoiceLineNumber attribute represents the line number of the invoice the detail information is pertaining.

<UnitOfMeasure> *Required*
> The unit of measure of the item being invoiced.

<UnitPrice> *Required*
> Price per unit of the item being invoiced.

<Tax>
<TaxAmount> *Required*
> Total tax amount for the Tax segment.

<Description> *Required*
> Description of the tax.

<TaxDetail> *Optional*
> Detailed tax information. The purpose attribute indicates the tax detail purpose. The category indicates the type of tax being applied. The percentageRate attribute indicates the percentage rate of the tax being used to calculate the tax amount.

<TaxableAmount> *Optional*
> The amount that is taxable.

<TaxAmount> *Required*
> Tax amount.

<InvoiceDetailItemReference> *Required*
> Represents the line item references for an invoice line item.

<SupplierPartID> *Required*
> The supplier part number

<NetAmount>*Optional*
> Total net amount that is calculated from gross amount minus discounts.

<InvoiceDetailHeaderOrder> *Conditionally Required*

<OrderIDInfo> *Optional*
> Identifies the buyer's purchase order number

<InvoiceDetailOrderSummary> *Conditionally Required*

Provides header level summary information for an order at the invoice line level. Only available when isHeaderInvoice attribute is true.

<InvoiceDetailSummary> *Required*

<Tax> *Required*
> Total tax information.

<ShippingAmount> *Optional*
> Total shipping charge.

<NetAmount> *Required*
> Total net amount that is calculated from gross amount minus discounts.

<DueAmount> *Optional*
> Total amount due and payable.

Mapping Overview

The following table shows the data types (fields) mapped between the cXML InvoiceDetailRequest and the OAG Process Invoice document. This table is not the complete mapping but is intended to highlight some of the key transformations done by Oracle SN. Please refer to the OAG Process Invoice and cXML InvoiceDetailRequest sample payloads in the Appendices for transformation examples.

cXML Invoice Detail Field	OAG XML Field	Comments
\<InvoiceDetailRequest>		
\<InvoiceDetailRequestHeader invoiceID=>	INVHEADER. DOCUMENTID	
\<InvoiceDetailRequestHeader invoiceDate=>	INVHEADER. DATETIME (DOCUMENT)	
\<InvoiceDetailHeaderIndicator>	No OAG Field	
\<InvoiceDetailLineIndicator isTaxInLine= isShippingInLine= isAccountingInLine= >	No OAG Field	
\<InvoicePartner>		
\<Contact role="remitTo" addressID=>	INVHEADER. PARTNER. PARTNRID where PARTNRTYPE = "Supplier"	
\<Name xml:lang=>	INVHEADER. PARTNER. NAME where PARTNRTYPE = "Supplier"	
\<DeliverTo>	INVHEADER. PARTNER. CONTACT. NAME where PARTNRTYPE = "Supplier"	
\<InvoiceDetailOrder>		
\<InvoiceDetailOrderInfo>		
\<OrderIDInfo orderID=>	INVLINE. DOCUMNTREF. DOCUMENTID where DOCTYPE="PurchaseOrder"	The buyer's purchase order number is checked first from the occurrence of OrderIDInfo, if this is not part of a sequence then it must be obtained from \<OrderReference orderID= >. The OrderReference or OrderIDInfo must be present for processing.
\<InvoiceDetailItem quantity=>	INVLINE. QUANTITY (ITEM). VALUE	
\<InvoiceDetailItem invoiceLineNumber= >	INVLINE. LINENUM	
\<UnitOfMeasure>	INVLINE. OPERAMT (UNIT). UOM and for INVLINE. QUANTITY (ITEM) UOM and for INVLINE. UNIT	
\<UnitPrice>	INVLINE. OPERAMT (UNIT)	

<Money currency=>	INVLINE. OPERAMT (UNIT) VALUE	OAG CURRENCY maps from the currency attribute value.
<Tax>	INVLINE. INVTAX	
<Money currency=>	INVLINE. INVTAX. AMOUNT (TAX). VALUE	OAG CURRENCY maps from the currency attribute value.
<Description xml:lang=>	INVLINE. INVTAX. DESCRIPTN	
<TaxDetail percentageRate=>	INVLINE. INVTAX. QUANTITY (PERCENT)	Mapped only if TaxDetail elements are present in payload.
<TaxableAmount>	INVLINE. INVTAX. AMOUNT (TAXBASE)	
<Money currency=>	INVLINE. INVTAX. AMOUNT (TAXBASE). VALUE	OAG CURRENCY maps from the currency attribute value.
<InvoiceDetailItemReference lineNumber=>	INVLINE. DOCUMNTREF. LINENUM where DOCTYPE="PurchaseOrder"	
<ItemID>		
<SupplierPartID>	INVLINE. ITEMX	
<Description xml:lang=>	INVLINE. DESCRIPTN	
<NetAmount>	INVLINE. AMOUNT (EXTENDED)	
<Money currency=>	INVLINE. AMOUNT. (EXTENDED). VALUE	OAG CURRENCY maps from the currency attribute value.
<InvoiceDetailSummary>		
<SubtotalAmount>	No OAG Field	
<Money currency=>	No OAG Field	
<Tax>	No OAG Field	
<Money currency=>	No OAG Field	
<Description xml:lang=>	No OAG Field	
<SpecialHandlingAmount>	INVCHARGE where CHARGETYPE = FREIGHT	
<Money currency=>	INVCHARGE. AMOUNT (EXTENDED)	OAG CURRENCY maps from the currency attribute value.
<ShippingAmount>	INVCHARGE where CHARGETYPE = "MISCELLENEOUS"	
<Money currency=>	INVCHARGE. AMOUNT (EXTENDED)	OAG CURRENCY maps from the currency attribute value.
<NetAmount>	INVHEADER. AMOUNT (DOCUMENT)	
<Money currency=>	INVHEADER. AMOUNT (DOCUMENT). VALUE In the event the cXML DueAmount element is not present, the value is then taken from NetAmount.	OAG CURRENCY maps from the currency attribute value.

<DueAmount>	INVHEADER. AMOUNT (DOCUMENT)	
<Money currency=>	INVHEADER. AMOUNT(DOCUMENT). VALUE	OAG CURRENCY maps from the currency attribute value.

Appendix A: OAG PROCESS PO Sample Payload

```xml
<?xml version = '1.0' encoding = 'UTF-8' standalone = 'no'?>
<!-- Oracle eXtensible Markup Language Gateway Server   -->
<!DOCTYPE PROCESS_PO_007 SYSTEM "003_process_po_007.dtd">
<PROCESS_PO_007>
   <CNTROLAREA>
      <BSR>
         <VERB value="PROCESS">PROCESS</VERB>
         <NOUN value="PO">PO</NOUN>
         <REVISION value="007">007</REVISION>
      </BSR>
      <SENDER>
         <LOGICALID>/dbfiles/applcsf/log</LOGICALID>
         <COMPONENT>PURCHASING</COMPONENT>
         <TASK>POISSUE</TASK>
         <REFERENCEID>LA0006:oracle.apps.po.event.xmlpo:28985-131454</REFERENCEID>
         <CONFIRMATION>0</CONFIRMATION>
         <LANGUAGE>US</LANGUAGE>
         <CODEPAGE>UTF8</CODEPAGE>
         <AUTHID>APPS</AUTHID>
      </SENDER>
      <DATETIME qualifier="CREATION" type="T" index="1">
         <YEAR>2004</YEAR>
         <MONTH>02</MONTH>
         <DAY>02</DAY>
         <HOUR>00</HOUR>
         <MINUTE>50</MINUTE>
         <SECOND>21</SECOND>
         <SUBSECOND>0000</SUBSECOND>
         <TIMEZONE>+0000</TIMEZONE>
      </DATETIME>
   </CNTROLAREA>
   <DATAAREA>
      <PROCESS_PO>
         <POORDERHDR>
            <DATETIME qualifier="DOCUMENT" type="T" index="1">
               <YEAR>2004</YEAR>
               <MONTH>02</MONTH>
               <DAY>02</DAY>
               <HOUR>00</HOUR>
               <MINUTE>48</MINUTE>
               <SECOND>52</SECOND>
               <SUBSECOND>0000</SUBSECOND>
               <TIMEZONE>+0000</TIMEZONE>
            </DATETIME>
            <OPERAMT qualifier="EXTENDED" type="T">
               <VALUE>443144</VALUE>
               <NUMOFDEC>2</NUMOFDEC>
               <SIGN>+</SIGN>
               <CURRENCY>USD</CURRENCY>
               <UOMVALUE>1</UOMVALUE>
               <UOMNUMDEC>0</UOMNUMDEC>
               <UOM/>
```

```
                </OPERAMT>
                <POID>4335</POID>
                <POTYPE>STANDARD</POTYPE>
                <ACKREQUEST>N</ACKREQUEST>
                <CONTRACTB/>
                <CONTRACTS/>
                <DESCRIPTN>Sample PO</DESCRIPTN>

                <NOTES index="1"/>
                <PORELEASE/>
                <USERAREA><DATETIME qualifier="ACTSTART" type="T"
index="1"><YEAR/><MONTH/><DAY/><HOUR/><MINUTE/><SECOND/><SUBSECOND/><TIMEZONE/></DATE
T
IME><DATETIME qualifier="ACTEND" type="T"
index="1"><YEAR/><MONTH/><DAY/><HOUR/><MINUTE/><SECOND/><SUBSECOND/><TIMEZONE/></DATE
T
IME><FOB><DESCRIPTN>Vendor's responsibility ceases upon transfer to
carrier</DESCRIPTN><TERMID>Origin</TERMID></FOB><TANDC/><FTTERM><DESCRIPTN>Buyer     pays
freight</DESCRIPTN><TERMID>Due</TERMID></FTTERM><EXCHRATE/><DATETIME
qualifier="EXCHRATEDATE"><YEAR>2004</YEAR><MONTH>02</MONTH><DAY>02</DAY><HOUR>00</HOU
R
><MINUTE>00</MINUTE><SECOND>00</SECOND><SUBSECOND>0000</SUBSECOND><TIMEZONE>+0000</TIM
EZONE></DATETIME><DATETIME qualifier="APPREQ" type="T"
index="1"><YEAR/><MONTH/><DAY/><HOUR/><MINUTE/><SECOND/><SUBSECOND/><TIMEZONE/></DATE
T
IME><CONFIRM>N</CONFIRM><DFFPOHEADER><ATTRIBUTE1/><ATTRIBUTE2/><ATTRIBUTE3/><ATTRIBUT
E
4/><ATTRIBUTE5/><ATTRIBUTE6/><ATTRIBUTE7/><ATTRIBUTE8/><ATTRIBUTE9/><ATTRIBUTE10/><AT
T
RIBUTE11/><ATTRIBUTE12/><ATTRIBUTE13/><ATTRIBUTE14/><ATTRIBUTE15/><ATTRIBUTE16/></DFF
P OHEADER><PCARDHDR><MEMBERNAME/><PCARDNUM>0</PCARDNUM><DATETIME
qualifier="EXPIRATION"><YEAR>2004</YEAR><MONTH>02</MONTH><DAY>02</DAY><HOUR>00</HOUR>
<
MINUTE>50</MINUTE><SECOND>24</SECOND><SUBSECOND>0000</SUBSECOND><TIMEZONE>+0000</TIME
Z ONE></DATETIME><PCARDBRAND/></PCARDHDR></USERAREA>
                    <PARTNER>
                        <NAME index="1">Eastern Industrial Products</NAME>
                        <ONETIME>0</ONETIME>
                        <PARTNRID>5033</PARTNRID>
                        <PARTNRTYPE>Supplier</PARTNRTYPE>
                        <CURRENCY/>
                        <DUNSNUMBER/>
                        <PARTNRIDX>123456789</PARTNRIDX>
                        <TAXID/>
                        <TERMID/>

<USERAREA><DFFVENDOR><ATTRIBUTE1/><ATTRIBUTE2/><ATTRIBUTE3/><ATTRIBUTE4/><ATTRIBUTE5/>
<ATTRIBUTE6/><ATTRIBUTE7/><ATTRIBUTE8/><ATTRIBUTE9/><ATTRIBUTE10/><ATTRIBUTE11/><ATTR
I
BUTE12/><ATTRIBUTE13/><ATTRIBUTE14/><ATTRIBUTE15/><ATTRIBUTE16/></DFFVENDOR><CUSTOMER
N UM/></USERAREA>
                    <ADDRESS>
                        <ADDRLINE index="1">2000 Olive Ave</ADDRLINE>
                        <ADDRLINE index="2"/>
                        <ADDRLINE index="3"/>
                        <ADDRTYPE/>
                        <CITY>Los Angeles</CITY>
                        <COUNTRY>US</COUNTRY>
                        <COUNTY/>
                        <DESCRIPTN>EIP MAIN</DESCRIPTN>
                        <FAX index="1"/>
                        <POSTALCODE>91001</POSTALCODE>
                        <REGION/>
                        <STATEPROVN>CA</STATEPROVN>
                        <TAXJRSDCTN/>
```

```
                    <TELEPHONE index="1">650 698-9856</TELEPHONE>
                    <TELEPHONE index="2"/>
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            <TELEPHONE index="1">650-985-9856</TELEPHONE>
        </CONTACT>
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    <PARTNER>
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            <EMAIL>pstock@vision.com</EMAIL>
            <FAX index="1"/>
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```

```xml
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</PARTNER>
<PARTNER>
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    <ONETIME>0</ONETIME>
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    <PARTNRTYPE>Carrier</PARTNRTYPE>
    <PARTNRIDX>UPS</PARTNRIDX>
</PARTNER>
<POTERM>
    <DESCRIPTN>Scheduled for payment 45 days from the invoice date (invoice
terms date = system date, goods received date, invoice date or invoice received date).
Invoice terms date can  default from supplier header, site, PO, system default,
etc.</DESCRIPTN>
    <TERMID>45 Net (terms date + 45)</TERMID>
    <DAYSNUM/>
    <QUANTITY qualifier="PERCENT">
        <VALUE/>
        <NUMOFDEC/>
        <SIGN/>
        <UOM/>
    </QUANTITY>
    <USERAREA/>
</POTERM>
</POORDERHDR>
<POORDERLIN>
    <QUANTITY qualifier="ORDERED">
        <VALUE>4</VALUE>
        <NUMOFDEC>0</NUMOFDEC>
        <SIGN>+</SIGN>
        <UOM>Ea</UOM>
    </QUANTITY>
    <OPERAMT qualifier="UNIT" type="T">
        <VALUE>110786</VALUE>
        <NUMOFDEC>2</NUMOFDEC>
        <SIGN>+</SIGN>
        <CURRENCY>USD</CURRENCY>
```

```
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                    <UOMNUMDEC>0</UOMNUMDEC>
                    <UOM>Ea</UOM>
                </OPERAMT>
                <POLINENUM>1</POLINENUM>
                <HAZRDMATL/>
                <ITEMRV/>
                <ITEMRVX/>

                <NOTES index="1"/>
                <POLNSTATUS/>
                <DESCRIPTN>Sentinel Standard Desktop</DESCRIPTN>
                <ITEM>AS54888</ITEM>
                <ITEMX/>

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R
ACTPOLINENUM/><VENDORQUOTENUM/><LISTPRICE>1107.86</LISTPRICE><MARKETPRICE>0</MARKETPR
I
CE><PRICENOTTOEXCEED/><NEGPRICE>N</NEGPRICE><TAXABLE>N</TAXABLE><TXNREASONCODE/><TYPE
1
099>INDE/R</TYPE1099><LINEORDERTYPE>Goods</LINEORDERTYPE><HAZRDUNNUM/><HAZRDUNDESC/><
D
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T
RIBUTE2/><ATTRIBUTE3/><ATTRIBUTE4/><ATTRIBUTE5/><ATTRIBUTE6/><ATTRIBUTE7/><ATTRIBUTE8
/
><ATTRIBUTE9/><ATTRIBUTE10/><ATTRIBUTE11>Y</ATTRIBUTE11><ATTRIBUTE12/><ATTRIBUTE13/><
A
TTRIBUTE14/><ATTRIBUTE15/><ATTRIBUTE16/></DFFITEM><KFFITEM><ATTRIBUTE1>PRODUCTN</ATTR
I
BUTE1><ATTRIBUTE2>FINGOODS</ATTRIBUTE2><ATTRIBUTE3/><ATTRIBUTE4/><ATTRIBUTE5/><ATTRIB
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TE6/><ATTRIBUTE7/><ATTRIBUTE8/><ATTRIBUTE9/><ATTRIBUTE10/><ATTRIBUTE11/><ATTRIBUTE12/
>
<ATTRIBUTE13/><ATTRIBUTE14/><ATTRIBUTE15/><ATTRIBUTE16/><ATTRIBUTE17/><ATTRIBUTE18/><A
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                        <MINUTE>00</MINUTE>
                        <SECOND>00</SECOND>
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                    </DATETIME>
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                        <SIGN>+</SIGN>
                        <UOM>Ea</UOM>
                    </QUANTITY>
                    <DESCRIPTN/>
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O NE/></DATETIME><DATETIME
qualifier="APPROVAL"><YEAR/><MONTH/><DAY/><HOUR/><MINUTE/><SECOND/><SUBSECOND/><TIMEZ
O NE/></DATETIME><OPERAMT qualifier="UNIT"
```

type="T"><VALUE>110786</VALUE><NUMOFDEC>2</NUMOFDEC><SIGN>+</SIGN><CURRENCY>USD</CURRE
NCY><UOMVALUE>1</UOMVALUE><UOMNUMDEC>0</UOMNUMDEC><UOM>Ea</UOM></OPERAMT><PRICEOVRRD/
>
<TAXABLE>N</TAXABLE><TAXCODE/><PARTNER><NAME index="1">Vision
Operations</NAME><ONETIME>0</ONETIME><PARTNRID>204</PARTNRID><PARTNRTYPE>ShipTo</PART
N
RTYPE><CURRENCY>USD</CURRENCY><DUNSNUMBER/><PARTNRIDX/><PAYMETHOD/><TERMID/><USERAREA
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index="3"/><ADDRTYPE/><CITY>New
York</CITY><COUNTRY>US</COUNTRY><COUNTY/><DESCRIPTN/><FAX
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3422</POSTALCODE><REGION/><STATEPROVN>NY</STATEPROVN><TAXJRSDCTN/><TELEPHONE
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index="3"/><URL/><USERAREA/></ADDRESS></PARTNER><CONSIGNEDINV>N</CONSIGNEDINV><DISTPR
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/><ATTRIBUTE3/><ATTRIBUTE4/><ATTRIBUTE5/><ATTRIBUTE6/><ATTRIBUTE7/><ATTRIBUTE8/><ATTRI
BUTE9/><ATTRIBUTE10/><ATTRIBUTE11/><ATTRIBUTE12/><ATTRIBUTE13/><ATTRIBUTE14/><ATTRIBU
T E15/><ATTRIBUTE16/></DFFDISTRIBUTN></DISTPROJECT></USERAREA>
            </POLINESCHD>
        </POORDERLIN>
    </PROCESS_PO>
  </DATAAREA>
</PROCESS_PO_007>

Appendix B: cXML OrderRequest Sample Payload

```xml
<?xml version = '1.0' encoding = 'UTF-8'?>
<!DOCTYPE cXML SYSTEM "http://xml.cxml.org/schemas/cXML/1.2.007/cXML.dtd">
<cXML version="1.2.007" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
payloadID="eastern_alias.321.1081.4335"    timestamp="2004-02-02T24:50:46">
    <Header>
        <From>
            <Credential domain="DUNS">
                <Identity>la0006_duns</Identity>
            </Credential>
        </From>
        <To>
            <Credential domain="DUNS">
                <Identity>eastern_duns</Identity>
            </Credential>
        </To>
        <Sender>
            <Credential domain="Oracle SN">
                <Identity>eastern</Identity>
                <SharedSecret>welcome</SharedSecret>
            </Credential>
            <UserAgent>Oracle Supplier Network</UserAgent>
        </Sender>
    </Header>
    <Request>
        <OrderRequest>
            <OrderRequestHeader orderID="4335" orderDate="2004-02-02T00:48:52+0000"
orderType="regular" type="new">
                <Total>
                    <Money currency="USD">4431.44</Money>
                </Total>
                <ShipTo>
                    <Address isoCountryCode="US">
                        <Name xml:lang="en"/>
                        <PostalAddress>
                            <DeliverTo/>
                            <Street>90 Fifth Avenue</Street>
                            <City>New York</City>
                            <State>NY</State>
                            <PostalCode>10022-3422</PostalCode>
                            <Country isoCountryCode="US">US</Country>
                        </PostalAddress>
                        <Email/>
                        <Phone>
                            <TelephoneNumber>
                                <CountryCode isoCountryCode="US">0</CountryCode>
                                <AreaOrCityCode>0</AreaOrCityCode>
                                <Number/>
                                <Extension/>
                            </TelephoneNumber>
                        </Phone>
                        <Url/>
                    </Address>
                </ShipTo>
                <BillTo>
                    <Address isoCountryCode="US">
                        <Name xml:lang="en"/>
                        <PostalAddress>
                            <DeliverTo/>
                        <Street>90 Fifth Avenue</Street>
```

```xml
            <City>New York</City>
            <State>NY</State>
            <PostalCode>10022-3422</PostalCode>
            <Country isoCountryCode="US">US</Country>
        </PostalAddress>
        <Email/>
        <Phone>
            <TelephoneNumber>
                <CountryCode isoCountryCode="US">0</CountryCode>
                <AreaOrCityCode>0</AreaOrCityCode>
                <Number/>
                <Extension/>
            </TelephoneNumber>
        </Phone>
        <Fax>
            <TelephoneNumber>
                <CountryCode isoCountryCode="US">0</CountryCode>
                <AreaOrCityCode>0</AreaOrCityCode>
                <Number/>
                <Extension/>
            </TelephoneNumber>
        </Fax>
        <Url/>
    </Address>
</BillTo>
<Shipping trackingDomain="UPS">
    <Description xml:lang="en">UPS</Description>
</Shipping>
<Payment>
    <PCard number="0" expiration="2004-02-02" name=""/>
</Payment>
<Contact>
    <Name>Stock, Ms. Pat</Name>
    <PostalAddress>
        <Street>90 Fifth Avenue</Street>
        <Street/>
        <Street/>
        <City>New York</City>
        <State>NY</State>
        <PostalCode>10022-3422</PostalCode>
        <Country isoCountryCode="US">US</Country>
    </PostalAddress>
    <Email>pstock@vision.com</Email>
    <Phone>
        <TelephoneNumber>
            <Number/>
        </TelephoneNumber>
    </Phone>
</Contact>
<Extrinsic name="ACKREQD">N</Extrinsic>
<Extrinsic name="SUPPNOTE"/>
<Extrinsic name="ATTRIBUTE1"/>
<Extrinsic name="ATTRIBUTE2"/>
<Extrinsic name="ATTRIBUTE3"/>
<Extrinsic name="ATTRIBUTE4"/>
<Extrinsic name="ATTRIBUTE5"/>
<Extrinsic name="ATTRIBUTE6"/>
<Comments>Sample PO</Comments>
</OrderRequestHeader>

<ItemOut quantity="4" requestedDeliveryDate="2004-02-04T00:00:00+0000">
<ItemId>
    <SupplierPartID/>
</ItemId>
<ItemDetail>
```

```xml
            <UnitPrice>
                <Money currency="USD">1107.86</Money>
            </UnitPrice>
            <Description xml:lang="en">Sentinel Standard Desktop</Description>
            <UnitOfMeasure>Ea</UnitOfMeasure>
            <Extrinsic name="LINENUM">1</Extrinsic>
            <Extrinsic name="SHIPMENTNUM">1</Extrinsic>
            <Extrinsic name="BUYERPARTNUM">AS54888</Extrinsic>
            <Extrinsic name="ATTRIBUTE1"/>
            <Extrinsic name="ATTRIBUTE2"/>
            <Extrinsic name="ATTRIBUTE3"/>
            <Extrinsic name="ATTRIBUTE4"/>
            <Extrinsic name="ATTRIBUTE5"/>
            <Extrinsic name="ATTRIBUTE6"/>
    </ItemDetail>
    <SupplierList>
        <Supplier>
            <Name xml:lang="en">Eastern Industrial Products</Name>
            <Comments>
                    <Attachment>
                    <URL/>
                    </Attachment>
            </Comments>
            <SupplierID domain="DUMMY">5033</SupplierID>
                <SupplierLocation>
                    <Address isoCountryCode="US">
                    <Name xml:lang="en">EIP MAIN</Name>
                    <PostalAddress>
                        <DeliverTo/>
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                        <City>Los Angeles</City>
                        <State>CA</State>
                        <PostalCode>91001</PostalCode>
                        <Country isoCountryCode="US">US</Country>
                    </PostalAddress>
                    <Email/>
                    <Phone>
                        <TelephoneNumber>
                            <CountryCode isoCountryCode="US">0</CountryCode>
                            <AreaOrCityCode>0</AreaOrCityCode>
                            <Number>650 698-9856</Number>
                                <Extension/>
                        </TelephoneNumber>
                    </Phone>
                    <Fax>
                        <TelephoneNumber>
                            <CountryCode isoCountryCode="US">0</CountryCode>
                            <AreaOrCityCode>0</AreaOrCityCode>
                            <Number/>
                                <Extension/>
                        </TelephoneNumber>
                    </Fax>
                    <Url/>
                </Address>
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                    <OrderMethod>
                            <OrderTarget>
                                <OtherOrderTarget>Oracle XML Direct</OtherOrderTarget>
                            </OrderTarget>
                            <OrderProtocol/>
                        </OrderMethod>
                        <Contact>
                            <Name xml:lang="en">Ronald  Leedy</Name>
                            <Email/>
```

```
                            <Phone>
                                <TelephoneNumber>
                                    <CountryCode isoCountryCode="US">0</CountryCode>
                                    <AreaOrCityCode>0</AreaOrCityCode>
                                    <Number>650-985-9856</Number>
                                    <Extension/>
                                </TelephoneNumber>
                            </Phone>
                        </Contact>
                    </OrderMethods>
                </SupplierLocation>
            </Supplier>
        </SupplierList>
        <ShipTo>
            <Address isoCountryCode="US">
                <Name xml:lang="en"/>
                <PostalAddress>
                    <DeliverTo/>
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                    <City>New York</City>
                    <State>NY</State>
                    <PostalCode>10022-3422</PostalCode>
                    <Country isoCountryCode="US">US</Country>
                </PostalAddress>
                <Email/>
                <Phone>
                    <TelephoneNumber>
                        <CountryCode isoCountryCode="US">0</CountryCode>
                        <AreaOrCityCode>0</AreaOrCityCode>
                        <Number/>
                        <Extension/>
                    </TelephoneNumber>
                </Phone>
                <Url/>
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        </ShipTo>
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            <TaxDetail category="Non-Taxable" purpose="">
                <TaxAmount>
                    <Money>0</Money>
                </TaxAmount>
            </TaxDetail>
        </Tax>
        <Comments/>
    </ItemOut>
  </OrderRequest>
 </Request>
</cXML>
```

Appendix C: OAG CHANGE PO Sample Payload

```xml
<?xml version = '1.0' encoding = 'UTF-8' standalone = 'no'?>
<!-- Oracle eXtensible Markup Language Gateway Server   -->
<!DOCTYPE CHANGE_PO_006 SYSTEM "057_change_po_006.dtd">
<CHANGE_PO_006>
    <CNTROLAREA>
        <BSR>
            <VERB value="CHANGE">CHANGE</VERB>
            <NOUN value="PO">PO</NOUN>
            <REVISION value="006">006</REVISION>
        </BSR>
        <SENDER>
            <LOGICALID>/dbfiles/applcsf/log</LOGICALID>
            <COMPONENT>PURCHASING</COMPONENT>
            <TASK>POISSUE</TASK>
            <REFERENCEID>LA0006:oracle.apps.po.event.xmlpo:28881-131451</REFERENCEID>
            <CONFIRMATION>0</CONFIRMATION>
            <LANGUAGE>US</LANGUAGE>
            <CODEPAGE>UTF8</CODEPAGE>
            <AUTHID>APPS</AUTHID>
        </SENDER>
        <DATETIME qualifier="CREATION" type="T" index="1">
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            <MONTH>02</MONTH>
            <DAY>02</DAY>
            <HOUR>00</HOUR>
            <MINUTE>42</MINUTE>
            <SECOND>11</SECOND>
            <SUBSECOND>0000</SUBSECOND>
            <TIMEZONE>+0000</TIMEZONE>
        </DATETIME>
    </CNTROLAREA>
    <DATAAREA>
        <CHANGE_PO>
            <POHEADER>
                <DATETIME qualifier="DOCUMENT" type="T" index="1">
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                    <MONTH>01</MONTH>
                    <DAY>19</DAY>
                    <HOUR>14</HOUR>
                    <MINUTE>44</MINUTE>
                    <SECOND>54</SECOND>
                    <SUBSECOND>0000</SUBSECOND>
                    <TIMEZONE>+0000</TIMEZONE>
                </DATETIME>
                <OPERAMT qualifier="EXTENDED" type="T">
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                    <NUMOFDEC>2</NUMOFDEC>
                    <SIGN>+</SIGN>
                    <CURRENCY>USD</CURRENCY>
                    <UOMVALUE>1</UOMVALUE>
                    <UOMNUMDEC>0</UOMNUMDEC>
                    <UOM/>
                </OPERAMT>
                <POID>4310</POID>
                <BUYERID>Stock, Ms. Pat</BUYERID>
                <CONTRACTB/>
                <CONTRACTS/>
                <DESCRIPTN>Test PO</DESCRIPTN>
                <NOTES index="1"/>

                <PORELEASE/>
```

```
            <POSTATUS/>
            <POTYPE>STANDARD</POTYPE>
            <REQUESTER/>
            <SITELEVEL index="1"/>
            <USERAREA><FOB><DESCRIPTN>Vendor's responsibility ceases upon transfer to
carrier</DESCRIPTN><TERMID>Origin</TERMID></FOB><FTTERM><DESCRIPTN>Buyer     pays
freight</DESCRIPTN><TERMID>Due</TERMID></FTTERM><TANDC/><REVISIONNUM>1</REVISIONNUM><
A CKREQUEST>N</ACKREQUEST><EXCHRATE/><DATETIME
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R
><MINUTE>00</MINUTE><SECOND>00</SECOND><SUBSECOND>0000</SUBSECOND><TIMEZONE>+0000</TIM
EZONE></DATETIME><CONFIRM>N</CONFIRM><DATETIME qualifier="APPREQ" type="T"
index="1"><YEAR/><MONTH/><DAY/><HOUR/><MINUTE/><SECOND/><SUBSECOND/><TIMEZONE/></DATET
IME><DATETIME qualifier="ACTSTART" type="T"
index="1"><YEAR/><MONTH/><DAY/><HOUR/><MINUTE/><SECOND/><SUBSECOND/><TIMEZONE/></DATET
IME><DATETIME qualifier="ACTEND" type="T"
index="1"><YEAR/><MONTH/><DAY/><HOUR/><MINUTE/><SECOND/><SUBSECOND/><TIMEZONE/></DATET
IME><DFFPOHEADER><ATTRIBUTE1/><ATTRIBUTE2/><ATTRIBUTE3/><ATTRIBUTE4/><ATTRIBUTE5/><AT
T
RIBUTE6/><ATTRIBUTE7/><ATTRIBUTE8/><ATTRIBUTE9/><ATTRIBUTE10/><ATTRIBUTE11/><ATTRIBUT
E
12/><ATTRIBUTE13/><ATTRIBUTE14/><ATTRIBUTE15/><ATTRIBUTE16/></DFFPOHEADER><PCARDHDR><
M EMBERNAME/><PCARDNUM>0</PCARDNUM><DATETIME
qualifier="EXPIRATION"><YEAR>2004</YEAR><MONTH>02</MONTH><DAY>02</DAY><HOUR>00</HOUR>
<
MINUTE>42</MINUTE><SECOND>16</SECOND><SUBSECOND>0000</SUBSECOND><TIMEZONE>+0000</TIME
Z ONE></DATETIME><PCARDBRAND/></PCARDHDR></USERAREA>
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I
BUTE12/><ATTRIBUTE13/><ATTRIBUTE14/><ATTRIBUTE15/><ATTRIBUTE16/></DFFVENDOR><CUSTOMER
N UM/></USERAREA>
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                    <ADDRLINE index="2"/>
                    <ADDRLINE index="3"/>
                    <ADDRTYPE/>
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                    <COUNTRY>US</COUNTRY>
                    <COUNTY/>
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                    <FAX index="1"/>
                    <POSTALCODE>91001</POSTALCODE>
                    <REGION/>
                    <STATEPROVN>CA</STATEPROVN>
                    <TAXJRSDCTN/>
                    <TELEPHONE index="1">650 698-9856</TELEPHONE>
                    <URL/>

<USERAREA><DFFVENDORSITE><ATTRIBUTE1/><ATTRIBUTE2/><ATTRIBUTE3/><ATTRIBUTE4/><ATTRIBU
T
E5/><ATTRIBUTE6/><ATTRIBUTE7/><ATTRIBUTE8/><ATTRIBUTE9/><ATTRIBUTE10/><ATTRIBUTE11/><
```

```
A
TTRIBUTE12/><ATTRIBUTE13/><ATTRIBUTE14/><ATTRIBUTE15/><ATTRIBUTE16/></DFFVENDORSITE><
/ USERAREA>
            </ADDRESS>
            <CONTACT>
                <NAME index="1">Ronald  Leedy</NAME>
                <EMAIL/>
                <FAX index="1"/>
                <TELEPHONE index="1">650-985-9856</TELEPHONE>
            </CONTACT>
        </PARTNER>
        <PARTNER>
            <NAME index="1">Vision Operations</NAME>
            <ONETIME>0</ONETIME>
            <PARTNRID>204</PARTNRID>
            <PARTNRTYPE>SoldTo</PARTNRTYPE>
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            <DUNSNUMBER/>
            <PARTNRIDX/>
            <PAYMETHOD/>
            <TAXID/>
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            <USERAREA/>
            <ADDRESS>
                <ADDRLINE index="1">90 Fifth Avenue</ADDRLINE>
                <ADDRLINE index="2"/>
                <ADDRLINE index="3"/>
                <ADDRTYPE/>
                <CITY>New York</CITY>
                <COUNTRY>US</COUNTRY>
                <COUNTY/>
                <DESCRIPTN/>
                <FAX index="1"/>
                <POSTALCODE>10022-3422</POSTALCODE>
                <REGION/>
                <STATEPROVN>NY</STATEPROVN>
                <TAXJRSDCTN/>
                <TELEPHONE index="1"/>
                <TELEPHONE index="2"/>
                <TELEPHONE index="3"/>
                <URL/>
                <USERAREA/>
            </ADDRESS>
            <CONTACT>
                <NAME index="1">Stock, Ms. Pat</NAME>
                <CONTCTTYPE/>
                <DESCRIPTN/>
                <EMAIL>pstock@vision.com</EMAIL>
                <FAX index="1"/>
                <TELEPHONE index="1"/>
                <USERAREA/>
            </CONTACT>
        </PARTNER>
        <PARTNER>
            <NAME index="1">Vision Operations</NAME>
            <ONETIME>0</ONETIME>
            <PARTNRID>204</PARTNRID>
            <PARTNRTYPE>BillTo</PARTNRTYPE>
            <CURRENCY/>
            <DESCRIPTN/>
            <DUNSNUMBER/>
            <PARTNRIDX/>
            <PAYMETHOD/>
            <TAXID/>
```

```xml
            <TERMID/>
            <USERAREA/>
            <ADDRESS>
                <ADDRLINE index="1">90 Fifth Avenue</ADDRLINE>
                <ADDRLINE index="2"/>
                <ADDRLINE index="3"/>
                <ADDRTYPE/>
                <CITY>New York</CITY>
                <COUNTRY>US</COUNTRY>
                <COUNTY/>
                <DESCRIPTN/>
                <FAX index="1"/>
                <POSTALCODE>10022-3422</POSTALCODE>
                <REGION/>
                <STATEPROVN>NY</STATEPROVN>
                <TAXJRSDCTN/>
                <TELEPHONE index="1"/>
                <TELEPHONE index="2"/>
                <TELEPHONE index="3"/>
                <URL/>
                <USERAREA/>
            </ADDRESS>
        </PARTNER>
        <PARTNER>
            <NAME index="1">UPS</NAME>
            <ONETIME>0</ONETIME>
            <PARTNRID>0</PARTNRID>
            <PARTNRTYPE>Carrier</PARTNRTYPE>
            <PARTNRIDX>UPS</PARTNRIDX>
        </PARTNER>
        <POTERM>
            <DESCRIPTN>Scheduled for payment 45 days from the invoice date (invoice
terms date = system date, goods received date, invoice date or invoice received date).
Invoice terms date can  default from supplier header, site, PO, system default,
etc.</DESCRIPTN>
            <TERMID>45 Net (terms date + 45)</TERMID>
            <DAYSNUM/>
            <OPERAMT qualifier="EXTENDED" type="T">
                <VALUE/>
                <NUMOFDEC/>
                <SIGN/>
                <CURRENCY/>
                <UOMVALUE/>
                <UOMNUMDEC/>
                <UOM/>
            </OPERAMT>
            <USERAREA/>
        </POTERM>
    </POHEADER>
    <POLINE>
        <OPERAMT qualifier="UNIT" type="T">
            <VALUE>110786</VALUE>
            <NUMOFDEC>2</NUMOFDEC>
            <SIGN>+</SIGN>
            <CURRENCY>USD</CURRENCY>
            <UOMVALUE>1</UOMVALUE>
            <UOMNUMDEC>0</UOMNUMDEC>
            <UOM>Ea</UOM>
        </OPERAMT>
        <QUANTITY qualifier="ORDERED">
            <VALUE>3</VALUE>
            <NUMOFDEC>0</NUMOFDEC>
            <SIGN>+</SIGN>
            <UOM>Ea</UOM>
```

```xml
            </QUANTITY>
            <POLINENUM>1</POLINENUM>
            <DESCRIPTN>Sentinel Standard Desktop</DESCRIPTN>
            <HAZRDMATL/>
            <ITEM>AS54888</ITEM>
            <ITEMRV/>
            <ITEMRVX/>
            <ITEMTYPE/>
            <ITEMX/>
            <NOTES index="1">Date Change on Need Date</NOTES>

<USERAREA><REQUESTOR/><CATEGORYID>PRODUCTN.FINGOODS</CATEGORYID><CONTRACTPONUM/><CONT
R
ACTPOLINENUM/><VENDORQUOTENUM/><LISTPRICE>1107.86</LISTPRICE><MARKETPRICE>0</MARKETPR
I
CE><PRICENOTTOEXCEED/><NEGPRICE>N</NEGPRICE><TAXABLE>N</TAXABLE><TXNREASONCODE/><TYPE
1
099>INDE/R</TYPE1099><LINEORDERTYPE>Goods</LINEORDERTYPE><HAZRDUNNUM/><HAZRDUNDESC/><
D
FFLINE><ATTRIBUTE1/><ATTRIBUTE2/><ATTRIBUTE3/><ATTRIBUTE4/><ATTRIBUTE5/><ATTRIBUTE6/>
<
ATTRIBUTE7/><ATTRIBUTE8/><ATTRIBUTE9/><ATTRIBUTE10/><ATTRIBUTE11/><ATTRIBUTE12/><ATTR
I
BUTE13/><ATTRIBUTE14/><ATTRIBUTE15/><ATTRIBUTE16/></DFFLINE><DFFITEM><ATTRIBUTE1/><AT
T
RIBUTE2/><ATTRIBUTE3/><ATTRIBUTE4/><ATTRIBUTE5/><ATTRIBUTE6/><ATTRIBUTE7/><ATTRIBUTE8
/
><ATTRIBUTE9/><ATTRIBUTE10/><ATTRIBUTE11>Y</ATTRIBUTE11><ATTRIBUTE12/><ATTRIBUTE13/><
A
TTRIBUTE14/><ATTRIBUTE15/><ATTRIBUTE16/></DFFITEM><KFFITEM><ATTRIBUTE1>PRODUCTN</ATTR
I
BUTE1><ATTRIBUTE2>FINGOODS</ATTRIBUTE2><ATTRIBUTE3/><ATTRIBUTE4/><ATTRIBUTE5/><ATTRIB
U
TE6/><ATTRIBUTE7/><ATTRIBUTE8/><ATTRIBUTE9/><ATTRIBUTE10/><ATTRIBUTE11/><ATTRIBUTE12/
>
<ATTRIBUTE13/><ATTRIBUTE14/><ATTRIBUTE15/><ATTRIBUTE16/><ATTRIBUTE17/><ATTRIBUTE18/><A
TTRIBUTE19/><ATTRIBUTE20/></KFFITEM><GLOBALCONTRACT/><GLOBALCONTRACTLIN/></USERAREA>
            <SCHEDULE>
                <DATETIME qualifier="NEEDDELV" type="T" index="1">
                    <YEAR>2004</YEAR>
                    <MONTH>02</MONTH>
                    <DAY>06</DAY>
                    <HOUR>00</HOUR>
                    <MINUTE>00</MINUTE>
                    <SECOND>00</SECOND>
                    <SUBSECOND>0000</SUBSECOND>
                    <TIMEZONE>+0000</TIMEZONE>
                </DATETIME>
                <QUANTITY qualifier="ORDERED">
                    <VALUE>3</VALUE>
                    <NUMOFDEC>0</NUMOFDEC>
                    <SIGN>+</SIGN>
                    <UOM>Ea</UOM>
                </QUANTITY>
                <PSCLINENUM>1</PSCLINENUM>
                <USERAREA><DATETIME
qualifier="PROMSHIP"><YEAR/><MONTH/><DAY/><HOUR/><MINUTE/><SECOND/><SUBSECOND/><TIMEZO
NE/></DATETIME><DATETIME
qualifier="APPROVAL"><YEAR/><MONTH/><DAY/><HOUR/><MINUTE/><SECOND/><SUBSECOND/><TIMEZO
NE/></DATETIME><OPERAMT qualifier="UNIT"
type="T"><VALUE>110786</VALUE><NUMOFDEC>2</NUMOFDEC><SIGN>+</SIGN><CURRENCY>USD</CURRE
NCY><UOMVALUE>1</UOMVALUE><UOMNUMDEC>0</UOMNUMDEC><UOM>Ea</UOM></OPERAMT><PRICEOVRRD/>
<TAXABLE>N</TAXABLE><TAXCODE/><PARTNER><NAME index="1">Vision
Operations</NAME><ONETIME>0</ONETIME><PARTNRID>204</PARTNRID><PARTNRTYPE>ShipTo</PARTN
```

RTYPE><CURRENCY>USD</CURRENCY><DUNSNUMBER/><PARTNRIDX/><PAYMETHOD/><TAXID/><TERMID/><U
SERAREA/><ADDRESS><ADDRLINE index="1">90 Fifth Avenue</ADDRLINE><ADDRLINE
index="2"/><ADDRLINE index="3"/><ADDRTYPE/><CITY>New
York</CITY><COUNTRY>US</COUNTRY><COUNTY/><DESCRIPTN/><FAX
index="1"/><POSTALCODE>10022-
3422</POSTALCODE><REGION/><STATEPROVN>NY</STATEPROVN><TAXJRSDCTN/><TELEPHON
E
index="1"/><TELEPHONE index="2"/><TELEPHONE
index="3"/><URL/><USERAREA/></ADDRESS></PARTNER><CONSIGNEDINV>N</CONSIGNEDI
NV></USERAR EA>
            </SCHEDULE>
        </POLINE>
      </CHANGE_PO>
    </DATAAREA>
</CHANGE_PO_006>

Appendix D: cXML OrderRequest Sample Payload (for Change PO)

```xml
<?xml version = '1.0' encoding = 'UTF-8'?>
<!DOCTYPE cXML SYSTEM "http://xml.cxml.org/schemas/cXML/1.2.009/cXML.dtd">
<cXML version="1.1.010" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
payloadID="eastern_alias.321.1080.4310"    timestamp="2004-02-02T24:42:47">
    <Header>
        <From>
            <Credential domain="DUNS">
                <Identity>la0006_duns</Identity>
            </Credential>
        </From>
        <To>
            <Credential domain="DUNS">
                <Identity>eastern_duns</Identity>
            </Credential>
        </To>
        <Sender>
            <Credential domain="Oracle SN">
                <Identity>eastern</Identity>
                <SharedSecret>welcome</SharedSecret>
            </Credential>
            <UserAgent>Oracle Supplier Network</UserAgent>
        </Sender>
    </Header>
    <Request>
        <OrderRequest>
            <OrderRequestHeader type="update" orderID="4310" orderDate="2004-01-
19T14:44:54+0000" orderType="regular" orderVersion="2">
                <Total>
                    <Money currency="USD">3323.58</Money>
                </Total>
                <ShipTo>
                    <Address isoCountryCode="US">
                        <Name xml:lang="en"/>
                        <PostalAddress>
                            <DeliverTo/>
                            <Street>90 Fifth Avenue</Street>
                            <City>New York</City>
                            <State>NY</State>
                            <PostalCode>10022-3422</PostalCode>
                            <Country isoCountryCode="US">US</Country>
                        </PostalAddress>
                        <Email/>
                        <Phone>
                            <TelephoneNumber>
                                <CountryCode isoCountryCode="US">0</CountryCode>
                                <AreaOrCityCode>0</AreaOrCityCode>
                                <Number/>
                                <Extension/>
                            </TelephoneNumber>
                        </Phone>
                        <Url/>
                    </Address>
                </ShipTo>
                <BillTo>
                    <Address isoCountryCode="US">
                        <Name xml:lang="en"/>
                        <PostalAddress>
```

```
                    <DeliverTo/>
                    <Street>90 Fifth Avenue</Street>
                    <City>New York</City>
                    <State>NY</State>
                    <PostalCode>10022-3422</PostalCode>
                    <Country isoCountryCode="US">US</Country>
                </PostalAddress>
                <Email/>
                <Phone>
                    <TelephoneNumber>
                        <CountryCode isoCountryCode="US">0</CountryCode>
                        <AreaOrCityCode>0</AreaOrCityCode>
                        <Number/>
                        <Extension/>
                    </TelephoneNumber>
                </Phone>
                <Fax>
                    <TelephoneNumber>
                        <CountryCode isoCountryCode="US">0</CountryCode>
                        <AreaOrCityCode>0</AreaOrCityCode>
                        <Number/>
                        <Extension/>
                    </TelephoneNumber>
                </Fax>
                <Url/>
            </Address>
        </BillTo>
        <Shipping trackingDomain="UPS">
            <Description xml:lang="en">UPS</Description>
        </Shipping>
        <Payment>
            <PCard number="0" expiration="2004-02-02" name=""/>
        </Payment>
        <Contact>
            <Name>Stock, Ms. Pat</Name>
            <PostalAddress>
                <Street>90 Fifth Avenue</Street>
                <Street/>
                <Street/>
                <City>New York</City>
                <State>NY</State>
                <PostalCode>10022-3422</PostalCode>
                <Country isoCountryCode="US">US</Country>
            </PostalAddress>
            <Email>pstock@vision.com</Email>
            <Phone>
                <TelephoneNumber>
                    <Number/>
                </TelephoneNumber>
            </Phone>
        </Contact>
        <Extrinsic name="ACKREQD"/>
        <Extrinsic name="SUPPNOTE"/>
        <Extrinsic name="ATTRIBUTE1"/>
        <Extrinsic name="ATTRIBUTE2"/>
        <Extrinsic name="ATTRIBUTE3"/>
        <Extrinsic name="ATTRIBUTE4"/>
        <Extrinsic name="ATTRIBUTE5"/>
        <Extrinsic name="ATTRIBUTE6"/>
        <Comments>Test PO</Comments>
    </OrderRequestHeader>
```

```xml
<ItemOut quantity="3" requestedDeliveryDate="2004-02-06T00:00:00+0000">
   <ItemId>
      <SupplierPartID/>
   </ItemId>
   <ItemDetail>
      <UnitPrice>
         <Money currency="USD">1107.86</Money>
      </UnitPrice>
      <Description xml:lang="en">Sentinel Standard Desktop</Description>
      <UnitOfMeasure>Ea</UnitOfMeasure>
      <Extrinsic name="LINENUM">1</Extrinsic>
      <Extrinsic name="SHIPMENTNUM">1</Extrinsic>
      <Extrinsic name="BUYERPARTNUM">AS54888</Extrinsic>
      <Extrinsic name="ATTRIBUTE1"/>
      <Extrinsic name="ATTRIBUTE2"/>
      <Extrinsic name="ATTRIBUTE3"/>
      <Extrinsic name="ATTRIBUTE4"/>
      <Extrinsic name="ATTRIBUTE5"/>
      <Extrinsic name="ATTRIBUTE6"/>
   </ItemDetail>
   <SupplierList>
      <Supplier>
         <Name xml:lang="en">Eastern Industrial Products</Name>
         <Comments>
            <Attachment>
               <URL/>
            </Attachment>
         </Comments>
         <SupplierID domain="DUMMY">5033</SupplierID>
         <SupplierLocation>
            <Address isoCountryCode="US">
               <Name xml:lang="en">EIP MAIN</Name>
               <PostalAddress>
                  <DeliverTo/>
                  <Street>2000 Olive Ave</Street>
                  <City>Los Angeles</City>
                  <State>CA</State>
                  <PostalCode>91001</PostalCode>
                  <Country isoCountryCode="US">US</Country>
               </PostalAddress>
               <Email/>
               <Phone>
                  <TelephoneNumber>
                     <CountryCode isoCountryCode="US">0</CountryCode>
                     <AreaOrCityCode>0</AreaOrCityCode>
                     <Number>650 698-9856</Number>
                     <Extension/>
                  </TelephoneNumber>
               </Phone>
               <Fax>
                  <TelephoneNumber>
                     <CountryCode isoCountryCode="US">0</CountryCode>
                     <AreaOrCityCode>0</AreaOrCityCode>
                     <Number/>
                     <Extension/>
                  </TelephoneNumber>
               </Fax>
               <Url/>
            </Address>
            <OrderMethods>
               <OrderMethod>
```

```
                            <OrderTarget>
                                <OtherOrderTarget>Oracle XML Direct</OtherOrderTarget>
                            </OrderTarget>
                            <OrderProtocol/>
                        </OrderMethod>
                        <Contact>
                            <Name xml:lang="en">Ronald  Leedy</Name>
                            <Email/>
                            <Phone>
                                <TelephoneNumber>
                                    <CountryCode isoCountryCode="US">0</CountryCode>
                                    <AreaOrCityCode>0</AreaOrCityCode>
                                    <Number>650-985-9856</Number>
                                    <Extension/>
                                </TelephoneNumber>
                            </Phone>
                        </Contact>
                    </OrderMethods>
                </SupplierLocation>
            </Supplier>
        </SupplierList>
        <ShipTo>
            <Address isoCountryCode="US">
                <Name xml:lang="en"/>
                <PostalAddress>
                    <DeliverTo/>
                    <Street>90 Fifth Avenue</Street>
                    <City>New York</City>
                    <State>NY</State>
                    <PostalCode>10022-3422</PostalCode>
                    <Country isoCountryCode="US">US</Country>
                </PostalAddress>
                <Email/>
                <Phone>
                    <TelephoneNumber>
                        <CountryCode isoCountryCode="US">0</CountryCode>
                        <AreaOrCityCode>0</AreaOrCityCode>
                        <Number/>
                        <Extension/>
                    </TelephoneNumber>
                </Phone>
                <Url/>
            </Address>
        </ShipTo>
        <Tax>
            <Money/>
            <TaxDetail category="Non-Taxable" purpose="">
                <TaxAmount>
                    <Money>0</Money>
                </TaxAmount>
            </TaxDetail>
        </Tax>
        <Comments>Date Change on Need Date</Comments>
    </ItemOut>
  </OrderRequest>
 </Request>
</cXML>
```

Appendix E: OAG SHOW SHIPMENT Sample Payload

```xml
<?xml version = '1.0' encoding = 'UTF-8'?>
<SHOW_SHIPMENT_005>
    <CNTROLAREA>
        <BSR>
            <VERB value="SHOW"/>
            <NOUN value="SHIPMENT"/>
            <REVISION value="005"/>
        </BSR>
        <SENDER>
            <LOGICALID>ABCXYZ</LOGICALID>
            <COMPONENT>OSN</COMPONENT>
            <TASK>SHOW</TASK>
            <REFERENCEID>1233444-2004@Oracle.com</REFERENCEID>
            <CONFIRMATION>2</CONFIRMATION>
            <LANGUAGE>ENG</LANGUAGE>
            <CODEPAGE>CP100000</CODEPAGE>
            <AUTHID>APPS</AUTHID>
        </SENDER>
        <DATETIME qualifier="CREATION" type="T" index="1">
            <YEAR>2004</YEAR>
            <MONTH>01</MONTH>
            <DAY>31</DAY>
            <HOUR>08</HOUR>
            <MINUTE>39</MINUTE>
            <SECOND>29</SECOND>
            <SUBSECOND>0</SUBSECOND>
            <TIMEZONE>-0800</TIMEZONE>
        </DATETIME>
    </CNTROLAREA>
    <DATAAREA>
        <SHOW_SHIPMENT>
            <SHIPMENT>
                <DATETIME qualifier="DOCUMENT" type="T" index="1">
                    <YEAR>2004</YEAR>
                    <MONTH>01</MONTH>
                    <DAY>31</DAY>
                    <HOUR/>
                    <MINUTE/>
                    <SECOND/>
                    <SUBSECOND>0</SUBSECOND>
                    <TIMEZONE/>
                </DATETIME>
                <DATETIME qualifier="SHIP">
                    <YEAR>2004</YEAR>
                    <MONTH>01</MONTH>
                    <DAY>31</DAY>
                    <HOUR>08</HOUR>
                    <MINUTE>30</MINUTE>
                    <SECOND>19</SECOND>
                    <SUBSECOND>0</SUBSECOND>
                    <TIMEZONE>-0800</TIMEZONE>
                </DATETIME>
                <DATETIME qualifier="DELIVSCHED">
                    <YEAR>2004</YEAR>
                    <MONTH>01</MONTH>
                    <DAY>31</DAY>
                    <HOUR>09</HOUR>
                    <MINUTE>00</MINUTE>
                    <SECOND>00</SECOND>
```

```xml
        <SUBSECOND>0</SUBSECOND>
        <TIMEZONE>-0800</TIMEZONE>
    </DATETIME>
    <DOCUMENTID>S89823-123</DOCUMENTID>
    <SHIPPERID>987654</SHIPPERID>
    <NOTES index="1">Got it all into one shipment.</NOTES>
    <USERAREA>
        <CARRIERCODE>FDE</CARRIERCODE>
        <HAZARDDESC>Very bad stuff</HAZARDDESC>
    </USERAREA>
    <PARTNER>
        <NAME index="1">Vision Operation</NAME>
        <PARTNRID>987654</PARTNRID>
        <PARTNRTYPE>ShipFrom</PARTNRTYPE>
        <PARTNRIDX>987654</PARTNRIDX>
        <ADDRESS>
            <ADDRLINE index="1">432 Lake Drive</ADDRLINE>
            <CITY>San Jose</CITY>
            <COUNTRY>CA</COUNTRY>
            <POSTALCODE>95132</POSTALCODE>
            <TELEPHONE index="1">201921-1132</TELEPHONE>
        </ADDRESS>
    </PARTNER>
    <PARTNER>
        <NAME index="1">XYZ Corp</NAME>
        <PARTNRID>4444</PARTNRID>
        <PARTNRTYPE>ShipTo</PARTNRTYPE>
        <PARTNRIDX>4444</PARTNRIDX>
        <ADDRESS>
            <ADDRLINE index="1">831 Cape Town Place</ADDRLINE>
            <CITY>San Jose</CITY>
            <COUNTRY>US</COUNTRY>
            <POSTALCODE>94133</POSTALCODE>
            <TELEPHONE index="1">408555-1212</TELEPHONE>
        </ADDRESS>
    </PARTNER>
    <SHIPITEM>
        <QUANTITY qualifier="ITEM">
            <VALUE>1</VALUE>
            <NUMOFDEC>0</NUMOFDEC>
            <SIGN>+</SIGN>
            <UOM>Ea</UOM>
        </QUANTITY>
        <ITEM>CM00038</ITEM>
        <ITEMX/>
        <NOTES index="1">Call if you need help</NOTES>
        <DOCUMNTREF>
            <DOCTYPE>PurchaseOrder</DOCTYPE>
            <DOCUMENTID>5500</DOCUMENTID>
            <PARTNRID>9999</PARTNRID>
            <PARTNRTYPE>ShipTo</PARTNRTYPE>
            <LINENUM>1</LINENUM>
            <SCHLINENUM/>
        </DOCUMNTREF>
    </SHIPITEM>
    <DOCUMNTREF>
        <DOCTYPE>PackingSlip</DOCTYPE>
        <DOCUMENTID>8202 8261 1194</DOCUMENTID>
        <PARTNRID>9999</PARTNRID>
        <PARTNRTYPE>ShipTo</PARTNRTYPE>
    </DOCUMNTREF>
```

```
            </SHIPMENT>
        </SHOW_SHIPMENT>
    </DATAAREA>
</SHOW_SHIPMENT_005>
```

Appendix F: cXML ShipNotice Request Sample Payload

```
<cXML payloadID="1233444-2004@OSN.com" xml:lang="en" timestamp="2004-01-31T08:39:29-
08:00">
      <Header>
         <From>
            <Credential domain="DUNS">
                  <Identity>11111111</Identity>
            </Credential>
         </From>
         <To>
            <Credential domain="DUNS">
                  <Identity>eastern_duns</Identity>
            </Credential>
         </To>
         <Sender>
            <Credential domain="OracleSN">
                  <Identity>eastern</Identity>
                  <SharedSecret>welcome</SharedSecret>
            </Credential>
            <UserAgent>Oracle Supplier Network</UserAgent>
          </Sender>
      </Header>
      <Request>
        <ShipNoticeRequest>
          <ShipNoticeHeader shipmentID="S89823-123" noticeDate="2004-01-31"
shipmentDate="2004-01-31T08:30:19-08:00"    deliveryDate="2004-01-31T09:00:00-08:00">
             <ServiceLevel xml:lang="en"/>
              <Contact role="shipFrom" addressID="987654">
                <Name xml:lang="en">Vision Operation</Name>
                  <PostalAddress>
                        <Street>432 Lake Drive</Street>
                        <City>San Jose</City>
                        <State>CA</State>
                        <PostalCode>95132</PostalCode>
                        <Country isoCountryCode="US">United States</Country>
                  </PostalAddress>
                  <Phone>
                     <TelephoneNumber>
                     <CountryCode isoCountryCode="US"/>
                     <AreaOrCityCode>408</AreaOrCityCode>
                     <Number>921-1132</Number>
                     </TelephoneNumber>
                  </Phone>
                </Contact>
               <Contact role="shipTo" addressID="4444">
                 <Name xml:lang="en">XYZ Corp.</Name>
                  <PostalAddress>
                        <Street>831 Cape Town Place</Street>
                        <City>San Jose</City>
                        <State>CA</State>
                        <PostalCode>94133</PostalCode>
                        <Country isoCountryCode="US">United States</Country>
                  </PostalAddress>
                  <Phone>
                     <TelephoneNumber>
                           <CountryCode isoCountryCode="US"/>
                           <AreaOrCityCode>408</AreaOrCityCode>
                           <Number>555-1212</Number>
                     </TelephoneNumber>
                   </Phone>
```

```
            </Contact>
            <Comments xml:lang="en">Got it all into one</Comments>
      </ShipNoticeHeader>
        <ShipControl startDate="">
            <CarrierIdentifier domain="SCAC">FDE</CarrierIdentifier>
            <CarrierIdentifier domain="companyName">Federal Express
            </CarrierIdentifier>
                <ShipmentIdentifier>8202 8261 1194</ShipmentIdentifier>
             <Comments xml:lang="en">Got it all into one shipment.</Comments>
        </ShipControl>
        <ShipNoticePortion>
            <OrderReference orderID="5510" orderDate="2004-01-30">
                <DocumentReference payloadID="987654321@Oracle.com"/>
            </OrderReference>
                <Contact role="customerService">
                  <Name xml:lang="en">Vision Operation</Name>
                    <PostalAddress>
                        <Street>432 Lake Drive </Street>
                        <City>San Jose</City>
                        <State>CA</State>
                        <PostalCode>95132</PostalCode>
                        <Country isoCountryCode="US">United States</Country>
                        </PostalAddress>
                        <Phone>
                          <TelephoneNumber>
                           <CountryCode isoCountryCode="US">0</CountryCode>
                           <AreaOrCityCode>408</AreaOrCityCode>
                           <Number>921-1132</Number>
                          </TelephoneNumber>
                         </Phone>
                </Contact>
                <Comments xml:lang="en">Call if you need help</Comments>
                <ShipNoticeItem quantity="1" lineNumber="1">
                        <UnitOfMeasure>Ea</UnitOfMeasure>
                        <Packaging xml:lang="en">
                          <PackagingCode xml:lang="en"/>
                          <Dimension quantity="1" type="volume"/>
                        </Packaging>
                </ShipNoticeItem>
                <Extrinsic name="supplierPartNum"/>
                <Extrinsic name="buyerPartNum">CM00038</Extrinsic>
                <Extrinsic name="shipmentNum">1</Extrinsic>
        </ShipNoticePortion>
      </ShipNoticeRequest>
    </Request>
</cXML>
```

Appendix G: OAG PROCESS INVOICE Sample Payload

```xml
<?xml version = '1.0' encoding = 'ISO-8859-1'?>
<PROCESS_INVOICE_002    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
    <CNTROLAREA>
        <BSR>
            <VERB value="PROCESS"/>
            <NOUN value="INVOICE"/>
            <REVISION value="002"/>
        </BSR>
        <SENDER>
            <LOGICALID>ABCXYZ</LOGICALID>
            <COMPONENT>OSN</COMPONENT>
            <TASK>INV</TASK>
            <REFERENCEID>1233444-2004@OSN.com</REFERENCEID>
            <CONFIRMATION>2</CONFIRMATION>
            <LANGUAGE>ENG</LANGUAGE>
            <CODEPAGE>CP100000</CODEPAGE>
            <AUTHID>APPS</AUTHID>
        </SENDER>
        <DATETIME qualifier="CREATION" type="T" index="1">
            <YEAR>2004</YEAR>
            <MONTH>01</MONTH>
            <DAY>31</DAY>
            <HOUR>23</HOUR>
            <MINUTE>59</MINUTE>
            <SECOND>45</SECOND>
            <SUBSECOND>0</SUBSECOND>
            <TIMEZONE>-0700</TIMEZONE>
        </DATETIME>
    </CNTROLAREA>
    <DATAAREA>
        <PROCESS_INVOICE>
            <INVHEADER>
                <AMOUNT qualifier="DOCUMENT" type="T">
                    <VALUE>5420</VALUE>
                    <NUMOFDEC>0</NUMOFDEC>
                    <SIGN>+</SIGN>
                    <CURRENCY>USD</CURRENCY>
                    <DRCR>D</DRCR>
                </AMOUNT>
                <DATETIME qualifier="DOCUMENT" index="1">
                    <YEAR>2004</YEAR>
                    <MONTH>01</MONTH>
                    <DAY>31</DAY>
                    <HOUR>23</HOUR>
                    <MINUTE>59</MINUTE>
                    <SECOND>20</SECOND>
                    <SUBSECOND>0</SUBSECOND>
                    <TIMEZONE>-0700</TIMEZONE>
                </DATETIME>
                <DOCUMENTID>123456</DOCUMENTID>
                <PARTNER>
                    <NAME index="1"></NAME>
                    <ONETIME>0</ONETIME>
                    <PARTNRID></PARTNRID>
                    <PARTNRTYPE>Supplier</PARTNRTYPE>
                    <CONTACT>
                        <NAME index="1">Lisa King</NAME>
                    </CONTACT>
                </PARTNER>
```

```
        </INVHEADER>
        <INVCHARGE>
            <AMOUNT qualifier="EXTENDED" type="T">
                <VALUE>30</VALUE>
                <NUMOFDEC>0</NUMOFDEC>
                <SIGN>+</SIGN>
                <CURRENCY>USD</CURRENCY>
                <DRCR>D</DRCR>
            </AMOUNT>
            <CHARGETYPE>FREIGHT</CHARGETYPE>
        </INVCHARGE>
        <INVCHARGE>
            <AMOUNT qualifier="EXTENDED" type="T">
                <VALUE>300</VALUE>
                <NUMOFDEC>2</NUMOFDEC>
                <SIGN>+</SIGN>
                <CURRENCY>USD</CURRENCY>
                <DRCR>D</DRCR>
            </AMOUNT>
            <CHARGETYPE>MISCELLANEOUS</CHARGETYPE>
        </INVCHARGE>
        <INVLINE>
            <AMOUNT qualifier="EXTENDED" type="T">
                <VALUE>3900</VALUE>
                <NUMOFDEC>0</NUMOFDEC>
                <SIGN>+</SIGN>
                <CURRENCY>USD</CURRENCY>
                <DRCR>D</DRCR>
            </AMOUNT>
            <OPERAMT qualifier="UNIT" type="T">
                <VALUE>130</VALUE>
                <NUMOFDEC>0</NUMOFDEC>
                <SIGN>+</SIGN>
                <CURRENCY>USD</CURRENCY>
                <UOMVALUE>1</UOMVALUE>
                <UOMNUMDEC>0</UOMNUMDEC>
                <UOM>Ea</UOM>
            </OPERAMT>
            <QUANTITY qualifier="ITEM">
                <VALUE>30</VALUE>
                <NUMOFDEC>0</NUMOFDEC>
                <SIGN>+</SIGN>
                <UOM>Ea</UOM>
            </QUANTITY>
            <LINENUM>1</LINENUM>
            <DESCRIPTN>Superview Calculator</DESCRIPTN>
            <ITEMX>CM00038</ITEMX>
            <UNIT>Ea</UNIT>
            <DOCUMNTREF>
                <DOCTYPE>PurchaseOrder</DOCTYPE>
                <DOCUMENTID>1234567890</DOCUMENTID>
                <PARTNRID>9999</PARTNRID>
                <PARTNRTYPE>Customer</PARTNRTYPE>
                <LINENUM>2</LINENUM>
            </DOCUMNTREF>
            <INVTAX>
                <AMOUNT qualifier="TAX" type="T">
                    <VALUE>390</VALUE>
                    <NUMOFDEC>0</NUMOFDEC>
                    <SIGN>+</SIGN>
                    <CURRENCY>USD</CURRENCY>
```

```
                    <DRCR>D</DRCR>
                </AMOUNT>
                <AMOUNT qualifier="TAXBASE" type="T">
                    <VALUE>3900</VALUE>
                    <NUMOFDEC>0</NUMOFDEC>
                    <SIGN>+</SIGN>
                    <CURRENCY>USD</CURRENCY>
                    <DRCR>D</DRCR>
                </AMOUNT>
                <QUANTITY qualifier="PERCENT">
                    <VALUE>8</VALUE>
                    <NUMOFDEC>0</NUMOFDEC>
                    <SIGN>+</SIGN>
                    <UOM>Ea</UOM>
                </QUANTITY>
                <DESCRIPTN>tax</DESCRIPTN>
            </INVTAX>
          </INVLINE>
      </PROCESS_INVOICE>
    </DATAAREA>
</PROCESS_INVOICE_002>
```

Appendix H: cXML InvoiceDetailRequest Sample Payload

```xml
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE cXML SYSTEM "http://xml.cXML.org/schemas/cXML/1.2.009/InvoiceDetail.dtd">
<cXML timestamp="2004-01-31T16:23:01-07:00" payloadID="1233444-2004@OSN.com">
<Header>
      <From>
            <Credential domain="DUNS">
                  <Identity>11111111</Identity>
            </Credential>
      </From>
      <To>
            <Credential domain="DUNS">
                  <Identity>eastern_duns</Identity>
            </Credential>
      </To
      >
      <Sender>
            <Credential domain="OracleSN">
                  <Identity>eastern</Identity>
                  <SharedSecret>welcome</SharedSecret>
            </Credential>
            <UserAgent>Oracle Supplier Network</UserAgent>
      </Sender>
</Header>
<Request>
      <InvoiceDetailRequest>
            <InvoiceDetailRequestHeader invoiceID="123456" purpose="standard"
            operation="new"invoiceDate="2004-01-31T23:59:20-07:00">
                  <InvoiceDetailHeaderIndicator isHeaderInvoice="yes"/>
                  <InvoiceDetailLineIndicator isTaxInLine="yes" isShippingInLine="yes"
                  isSpecialHandlingInLine="yes" isDiscountInLine="yes"/>
                  <InvoicePartner>
                        <Contact role="billTo">
                              <Name xml:lang="en-US">XYZ Corp</Name>
                              <PostalAddress>
                                    <Street>831 Cape Town Place</Street>
                                    <City>San Jose</City>
                                    <State>CA</State>
                                    <PostalCode>95133</PostalCode>
                                    <Country isoCountryCode="US">United
                                    States</Country>
                              </PostalAddress>
                        </Contact>
                  </InvoicePartner>
                  <InvoicePartner>
                        <Contact role="remitTo">
                              <Name xml:lang="en-US">Vision Operation</Name>
                              <PostalAddress>
                                    <Street>432 Lake Drive</Street>
                                    <City>San Jose </City>
                                    <State>CA</State>
                                    <PostalCode>95132</PostalCode>
                                    <Country isoCountryCode="US">United
                                    States</Country>
                              </PostalAddress>
                        </Contact>
                  </InvoicePartner>
                  <Comments xml:lang="en-US"> This is an invoice for Do789</Comments>
            </InvoiceDetailRequestHeader>
            <InvoiceDetailHeaderOrder>
                  <InvoiceDetailOrderInfo>
                        <OrderIDInfo orderID="1234567890"/>
                        <OrderReference orderID="1234567890">
```

```
                <DocumentReference payloadID="1233444-2004@OSN.com/>
        </OrderReference>
</InvoiceDetailOrderInfo>
<InvoiceDetailOrderSummary invoiceLineNumber="1">
        <SubtotalAmount>
                <Money currency="USD">15.40</Money>
        </SubtotalAmount>
        <Tax>
                <Money currency="USD">1.54</Money>
                <Description xml:lang="en">total item tax</Description>
                <TaxDetail purpose="tax" category="State sales tax"
                percentageRate="8">
                        <TaxableAmount>
                                <Money currency="USD">3900</Money>
                        </TaxableAmount>
                        <TaxAmount>
                                <Money currency="USD">312</Money>
                        </TaxAmount>
                        <TaxLocation xml:lang="en">CA</TaxLocation>
                </TaxDetail>
        </Tax>
        <InvoiceDetailLineSpecialHandling>
                <Money currency="USD">2.00</Money>
        </InvoiceDetailLineSpecialHandling>
        <InvoiceDetailLineShipping>
                <InvoiceDetailShipping>
                        <Contact role="shipFrom" addressID="1000487>
                        <Name xml:lang="en-US">Dock</Name>
                        <PostalAddress name="default">
                                <Street>111 Main Street</Street>
                                <City>Anytown</City>
                                <State>CA</State>
                                <PostalCode>94089</PostalCode>
                                <Country isoCountryCode="US">United
                                States</Country>
                        </PostalAddress>
                        <Email name="default">ShippingDept@xyz.com</Email>
                        <Phone name="work">
                                <TelephoneNumber>
                                        <CountryCode isoCountyrCode="US/>
                                        <AreaOrCityCode>888</AreaOrCityCode>
                                        <Number>1234567</Number>
                                </TelephoneNumber>
                        </Phone>
                        <Contact role="shipTo" addressID="1000487">
                        <Name xml:lang="en-US">Receiving</Name>
                        <PostalAddress name="default">
                                <DeliverTo>Pat Stock</DeliverTo>
                                <Street>111 Main Street</Street>
                                <City>Anytown</City>
                                <State>CA</State>
                                <PostalCode>94089</PostalCode>
                                <Country isoCountryCode="US">United
                                States</Country>
                        </PostalAddress>
                        <Email name="default">pat.stock@oracle.com</Email>
                </InvoiceDetailShipping>
                <Money currency="USD">2.00</Money>
        </InvoiceDetailLineShipping>
        <GrossAmount>
                <Money currency="USD">18.94</Money>
```

```
            </GrossAmount>
            <NetAmount>
                    <Money currency="USD">18.94</Money>
            </NetAmount>
            <Comments xml:lang="en-US/>
        </InvoiceDetailOrderSummary>
    </InvoiceDetailHeaderOrder>
    <InvoiceDetailSummary>
            <SubtotalAmount>
                    <Money currency="USD">20.35</Money>
            </SubtotalAmount>
            <Tax>
                    <Money currency="USD">2.04</Money>
                    <Description xml:lang="en">total tax</Description>
                    <TaxDetail purpose="tax" category="State sales tax"
                    percentageRate="8">
                            <TaxableAmount>
                                    <Money currency="USD">3900</Money>
                            </TaxableAmount>
                            <TaxAmount>
                                    <Money currency="USD">312</Money>
                            </TaxAmount>
                            <TaxLocation xml:lang="en">CA</TaxLocation>
                    </TaxDetail>
             </Tax>
            <SpecialHandlingAmount>
                    <Money currency="USD">3.00</Money>
            </SpecialHandlingAmount>
            <ShippingAmount>
                    <Money currency="USD">3.00</Money>
            </ShippingAmount>
            <GrossAmount>
                    <Money currency="USD">25.39</Money>
            </GrossAmount>
            <NetAmount>
                    <Money currency="USD">25.39</Money>
            </NetAmount>
            <DueAmount>
                    <Money currency="USD">25.39</Money>
            </DueAmount>
    </InvoiceDetailSummary>
    </InvoiceDetailRequest>
</Request>
</cXML>
```

Appendix I: HTTP Message Envelope Requirements for OAG Documents

When sending messages to Oracle SN over HTTP/S the following custom HTTP headers must be included in the POST request. The Oracle SN HTTP Receiver expects simple http POST requests and won't accept URL-encoded form posts.

The URL for posting documents to the Oracle SN using the HTTP delivery method is located on the Resources tab on the Oracle SN site. Please login to your company's Oracle SN account to view.

HTTP Header	Description
USERNAME	Your Oracle SN account username.
PASSWORD	Your Oracle SN account password.
DOC_TYPE	Document Type name. See valid Oracle SN doc types below.
DOC_FORMAT	Format standard of the document being posted. See valid Oracle SN doc formats below.
FORMAT_VERSION	Format version of the document. See valid Oracle SN format versions below.
DOC_REF	Any free-format string identifying the document. Useful for document tracking.
MESSAGE_ID	A unique message identifier. The MESSAGE_ID is expected to be unique for a given SENDER_ID.
RECEIVER_ID	Receiving trading partner's identifier value, as registered by the receiver on Oracle SN.
RECEIVER_ID_TYPE	Receiving trading partner's identifier type (DUNS, PHONE etc.). See valid Oracle SN Identifier Types below.
SENDER_ID	Sender's identifier (DUNS, Phone Number etc.), as registered on Oracle SN.
SENDER_ID_TYPE	Sender's identifier type (DUNS, PHONE etc.), as registered on the Oracle SN. See valid Oracle SN Identifier Types below.

Oracle SN Document Types:

Document Type	Document Format	Format Version
PROCESS_PO_007	OAG	007
CHANGE_PO_006	OAG	006
SHOW_SHIPMENT_005	OAG	005
PROCESS_INVOICE_002	OAG	002
OrderRequest	CXML	cXML 1.2.007
OrderRequest (if type ='update')	CXML	cXML 1.2.009
InvoiceDetailRequest	CXML	cXML 1.2.007
ShipNoticeRequest	CXML	cXML 1.2.007

Oracle SN Identifier Types:

Identifier Type	Description
DUNS	DUNS Number
GLN	Global Location Number
MISC	Miscellaneous
PHONE	Phone Number
TAXID	US Federal Tax Identifier

Appendix J: cXML Message Header Requirements

When suppliers send cXML documents to trading partners over the Oracle SN the following header requirements need to be followed.

The URL for posting documents to the Oracle SN using the HTTP delivery method is located on the Resources tab on the Oracle SN site. Please login to your company's Oracle SN account to view.

cXML Header	Description
<cXML version=>	cXML version populated by Oracle SN is dependent on document type being sent.
<cXML payloadID=>	A unique message identifier.
<cXML xmlns:xsi= >	Link to cXML DTD.
<cXML timestamp= >	Time/date for when xml message is created.
<Header>	
<From>	
<Credential domain=>	Sender's identifier type (DUNS, PHONE etc.), as registered on the Oracle SN.
<Identity>	Sender's identifier value, as registered on Oracle SN.
<To>	
<Credential domain=>	Receiving trading partner's identifier type (DUNS, PHONE etc.), as registered by the receiver on Oracle SN.
<Identity>	Receiving trading partner's identifier value, as registered by the receiver on Oracle SN.
<Sender>	
<Credential domain=>	Set to "OracleSN"
<Identity>	Your Oracle SN account username.
<SharedSecret>	Your Oracle SN account password.
<UserAgent>	Set to "Oracle Supplier Network"