Oracle Supplier Network
XML Solutions Guide

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Version: Version 1.0
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:

<table>
<thead>
<tr>
<th>Inbound To Oracle SN</th>
<th>Activity by Oracle SN</th>
<th>Outbound From Oracle SN</th>
</tr>
</thead>
<tbody>
<tr>
<td>OAG PROCESS PO</td>
<td>Pass-through</td>
<td>OAG PROCESS PO</td>
</tr>
<tr>
<td>OAG PROCESS PO</td>
<td>Transformation</td>
<td>cXMLOrderRequest</td>
</tr>
<tr>
<td>OAG CHANGE PO</td>
<td>Pass-through</td>
<td>OAG CHANGE PO</td>
</tr>
<tr>
<td>OAG CHANGE PO</td>
<td>Transformation</td>
<td>cXMLOrderRequest</td>
</tr>
<tr>
<td>OAG SHOW SHIPMENT</td>
<td>Pass-through</td>
<td>OAG SHOW SHIPMENT</td>
</tr>
<tr>
<td>cXML.ShipNoticeRequest</td>
<td>Transformation</td>
<td>OAG SHOW SHIPMENT</td>
</tr>
<tr>
<td>OAG PROCESS INVOICE</td>
<td>Pass-through</td>
<td>OAG PROCESS INVOICE</td>
</tr>
<tr>
<td>cXML.InvoiceDetailRequest</td>
<td>Transformation</td>
<td>OAG PROCESS INVOICE</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Required</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;CINTROLAREA&gt;</td>
<td></td>
<td>The fields included in this area provide information about the XML document:</td>
</tr>
<tr>
<td>&lt;BSR&gt;</td>
<td>Required</td>
<td>Shows the Business Service Request name per OAG.</td>
</tr>
<tr>
<td>&lt;VERB value=&quot;PROCESS&quot;&gt;</td>
<td>Required</td>
<td>Value is “PROCESS”.</td>
</tr>
<tr>
<td>&lt;NOUN value=&quot;PO&quot;&gt;</td>
<td>Required</td>
<td>Value is “PO”.</td>
</tr>
<tr>
<td>&lt;REVISION value=&quot;007&quot;&gt;</td>
<td>Required</td>
<td>Value is “007”</td>
</tr>
<tr>
<td>&lt;SENDER&gt;</td>
<td>Required</td>
<td>Provides information on the system that sends the document:</td>
</tr>
<tr>
<td>&lt;LOGICALID&gt;</td>
<td>Required</td>
<td>Sender system identifier.</td>
</tr>
<tr>
<td>&lt;COMPONENT&gt;</td>
<td>Required</td>
<td>Sender application name. Value is “PURCHASING”.</td>
</tr>
<tr>
<td>&lt;TASK&gt;</td>
<td>Required</td>
<td>Event or Action. Value is PO:ISSUE.</td>
</tr>
<tr>
<td>&lt;REFERENCEDID&gt;</td>
<td>Required</td>
<td>Unique reference ID for this document.</td>
</tr>
<tr>
<td>&lt;CONFIRMATION&gt;</td>
<td>Required</td>
<td>Confirmation when document is received. Value is 0, meaning none is required.</td>
</tr>
<tr>
<td>&lt;LANGUAGE&gt;</td>
<td>Required</td>
<td>Language in which the text fields are transmitted.</td>
</tr>
<tr>
<td>&lt;CODEPAGE&gt;</td>
<td>Required</td>
<td>Character set used in this XML document.</td>
</tr>
<tr>
<td>&lt;AUTHID&gt;</td>
<td>Required</td>
<td>System ID of sender. Value is APPS.</td>
</tr>
<tr>
<td>&lt;DATETIME (CREATION)&gt;</td>
<td>Required</td>
<td>Creation date and time of the XML document.</td>
</tr>
<tr>
<td>&lt;DATAAREA&gt;</td>
<td>Required</td>
<td>The fields included in this area provide information about the data included in the XML document.</td>
</tr>
<tr>
<td>&lt;PROCESS_PO&gt;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt;POORDERHDR&gt;</td>
<td>Required</td>
<td>This data type provides header-level purchase order (PO) information. One PO header data type is required per document.</td>
</tr>
<tr>
<td>&lt;DATETIME (DOCUMENT)&gt;</td>
<td>Optional</td>
<td>Timestamp for PO creation.</td>
</tr>
<tr>
<td>&lt;OPERAMT&gt;</td>
<td>Optional</td>
<td>Total amount of the PO.</td>
</tr>
<tr>
<td>&lt;VALUE&gt;</td>
<td>Optional</td>
<td>Monetary amount of the PO.</td>
</tr>
<tr>
<td>&lt;NUMOFDEC&gt;</td>
<td>Optional</td>
<td>Number of decimals (applied to Value field).</td>
</tr>
<tr>
<td>&lt;SIGN&gt;</td>
<td>Optional</td>
<td>Indicator (+ or -) of whether the amount is positive or negative.</td>
</tr>
<tr>
<td>&lt;CURRENCY&gt;</td>
<td>Optional</td>
<td>Three-character International Standards Organization</td>
</tr>
<tr>
<td>OAGIS PROCESS_PO_007</td>
<td>Required?</td>
<td>Description</td>
</tr>
<tr>
<td>----------------------</td>
<td>-----------</td>
<td>-------------</td>
</tr>
<tr>
<td>&lt;UOMVALUE&gt;</td>
<td>Optional</td>
<td>(ISO) currency code.</td>
</tr>
<tr>
<td>&lt;UOMNUMDEC&gt;</td>
<td>Optional</td>
<td>Numeric value indicator of the value of the factor when amount is expressed in terms of multiples of the unit of measure (UOM).</td>
</tr>
<tr>
<td>&lt;UOM&gt;</td>
<td>Optional</td>
<td>Number of decimals in the UOMVALUE field.</td>
</tr>
<tr>
<td>&lt;POID&gt;</td>
<td>Required</td>
<td>Unit of measure (units of the quantitative amount).</td>
</tr>
<tr>
<td>&lt;POTYPE&gt;</td>
<td>Required</td>
<td>Unique ID for the purchase order.</td>
</tr>
<tr>
<td>&lt;ACKREQUEST&gt;</td>
<td>Optional</td>
<td>Indicator of various types of POs. STANDARD or BLANKET is used here.</td>
</tr>
<tr>
<td>&lt;CONTRACTS&gt;</td>
<td>Optional</td>
<td>Acknowledgement required (Y/N).</td>
</tr>
<tr>
<td>&lt;DESCRIPTION&gt;</td>
<td>Optional</td>
<td>Supplier’s contract document number, to be used only if this is a release from the blanket order.</td>
</tr>
<tr>
<td>&lt;DESCRIPTION&gt;</td>
<td>Optional</td>
<td>Description for the PO header.</td>
</tr>
<tr>
<td>&lt;DESCRIPTION&gt;</td>
<td>Optional</td>
<td>Notes to the supplier.</td>
</tr>
<tr>
<td>&lt;DESCRIPTION&gt;</td>
<td>Optional</td>
<td>Indicates new release for blanket.</td>
</tr>
<tr>
<td>&lt;TERMDT&gt;</td>
<td>Optional</td>
<td>The following fields are provided by Oracle in this USERAREA:</td>
</tr>
<tr>
<td>&lt;DATE&gt;</td>
<td>Optional</td>
<td>Start active date for the Blanket.</td>
</tr>
<tr>
<td>&lt;DATE&gt;</td>
<td>Optional</td>
<td>End active date for the Blanket.</td>
</tr>
<tr>
<td>&lt;FOB&gt;</td>
<td>Optional</td>
<td>FOB shipping terms.</td>
</tr>
<tr>
<td>&lt;FOB&gt;</td>
<td>Optional</td>
<td>FOB description.</td>
</tr>
<tr>
<td>&lt;FICTIVE&gt;</td>
<td>Optional</td>
<td>FOB terms.</td>
</tr>
<tr>
<td>&lt;FICTIVE&gt;</td>
<td>Optional</td>
<td>Freight payment terms.</td>
</tr>
<tr>
<td>&lt;FICTIVE&gt;</td>
<td>Optional</td>
<td>Freight description.</td>
</tr>
<tr>
<td>&lt;FICTIVE&gt;</td>
<td>Optional</td>
<td>Freight terms.</td>
</tr>
<tr>
<td>&lt;FICTIVE&gt;</td>
<td>Optional</td>
<td>Currency exchange rate.</td>
</tr>
<tr>
<td>&lt;FICTIVE&gt;</td>
<td>Optional</td>
<td>Date for the exchange rate.</td>
</tr>
<tr>
<td>&lt;FICTIVE&gt;</td>
<td>Optional</td>
<td>Acceptance due by date. Qualifier = 'APPREQ'.</td>
</tr>
<tr>
<td>&lt;FICTIVE&gt;</td>
<td>Optional</td>
<td>PO confirmed. Y/N</td>
</tr>
<tr>
<td>&lt;DFPFOHEADER&gt;</td>
<td>Optional</td>
<td>PO header-level descriptive flexfield (DF) attributes (16).</td>
</tr>
<tr>
<td>&lt;DFPFOHEADER&gt;</td>
<td>Optional</td>
<td>PO header-level flexfield.</td>
</tr>
<tr>
<td>&lt;DFPFOHEADER&gt;</td>
<td>Optional</td>
<td>This segment contains P-card detail.</td>
</tr>
<tr>
<td>&lt;DFPFOHEADER&gt;</td>
<td>Optional</td>
<td>Member name on the P-card.</td>
</tr>
<tr>
<td>&lt;DFPFOHEADER&gt;</td>
<td>Optional</td>
<td>P-card number.</td>
</tr>
<tr>
<td>&lt;DFPFOHEADER&gt;</td>
<td>Optional</td>
<td>Expiration date of the P-card.</td>
</tr>
<tr>
<td>&lt;DFPFOHEADER&gt;</td>
<td>Optional</td>
<td>Brand of the P-card.</td>
</tr>
<tr>
<td>&lt;PARTNER&gt; – Supplier</td>
<td>Optional</td>
<td>This data type provides information about the trading partner. Two occurrences of the partner data type are required — Supplier and SoldTo.</td>
</tr>
<tr>
<td>&lt;NAME&gt;</td>
<td>Required</td>
<td>Name of the supplier.</td>
</tr>
<tr>
<td>&lt;ONETIME&gt;</td>
<td>Required</td>
<td>Indicator if used only one time.</td>
</tr>
<tr>
<td>&lt;PARTID&gt;</td>
<td>Required</td>
<td>Supplier ID.</td>
</tr>
<tr>
<td>&lt;PARTNRTYPE&gt;</td>
<td>Required</td>
<td>Type of partner. Value is Supplier.</td>
</tr>
<tr>
<td>&lt;CURRENCY&gt;</td>
<td>Required</td>
<td>Preferred operating currency.</td>
</tr>
<tr>
<td>&lt;CURRENCY&gt;</td>
<td>Optional</td>
<td>Unique identifier of supplier.</td>
</tr>
<tr>
<td>&lt;CURRENCY&gt;</td>
<td>Optional</td>
<td>Tax identifier of the supplier.</td>
</tr>
<tr>
<td>&lt;CURRENCY&gt;</td>
<td>Optional</td>
<td>Oracle provided fields.</td>
</tr>
<tr>
<td>&lt;CURRENCY&gt;</td>
<td>Optional</td>
<td>PO supplier-level descriptive flexfield attributes (16).</td>
</tr>
<tr>
<td>&lt;CURRENCY&gt;</td>
<td>Optional</td>
<td>PO supplier-level flexfields.</td>
</tr>
<tr>
<td>&lt;CURRENCY&gt;</td>
<td>Optional</td>
<td>PO supplier-level flexfields.</td>
</tr>
<tr>
<td>OAGIS PROCESS_PO_007</td>
<td>Required?</td>
<td>Description</td>
</tr>
<tr>
<td>----------------------</td>
<td>-----------</td>
<td>-------------</td>
</tr>
<tr>
<td>&lt;CUSTOMERNUM&gt;</td>
<td>Optional</td>
<td>Buyer’s ID in supplier’s system.</td>
</tr>
<tr>
<td>&lt;ADDRESS&gt; - Supplier</td>
<td>Optional</td>
<td>Supplier site info.</td>
</tr>
<tr>
<td>&lt;ADDR LINE1- ADDRLINE9&gt;</td>
<td>Required</td>
<td>Lines of site address.</td>
</tr>
<tr>
<td>&lt;CITY&gt;</td>
<td>Required</td>
<td>City within the address.</td>
</tr>
<tr>
<td>&lt;COUNTRY&gt;</td>
<td>Required</td>
<td>Country within the address.</td>
</tr>
<tr>
<td>&lt;DESCRIPTION&gt;</td>
<td>Optional</td>
<td>Supplier site name.</td>
</tr>
<tr>
<td>&lt;FAX1&gt;</td>
<td>Optional</td>
<td>Fax numbers of the supplier site.</td>
</tr>
<tr>
<td>&lt;POSTALCODE&gt;</td>
<td>Optional</td>
<td>Postal code within the address.</td>
</tr>
<tr>
<td>&lt;REGION&gt;</td>
<td>Optional</td>
<td>Region within the address.</td>
</tr>
<tr>
<td>&lt;STATEPROV&gt;</td>
<td>Optional</td>
<td>State within the address.</td>
</tr>
<tr>
<td>&lt;TELEPHONE1-TELEPHONE9&gt;</td>
<td>Required</td>
<td>Telephone numbers for this address.</td>
</tr>
<tr>
<td>&lt;USERAREA&gt;</td>
<td>Optional</td>
<td>PO supplier site-level descriptive flexfield attributes (16).</td>
</tr>
<tr>
<td>&lt;DFFVENDORSITE&gt;</td>
<td></td>
<td>PO supplier site-level flexfields.</td>
</tr>
<tr>
<td>&lt;ATTRIBUTE1&gt;</td>
<td>Optional</td>
<td>PO supplier site-level flexfields.</td>
</tr>
<tr>
<td>&lt;ATTRIBUTE2-16&gt;</td>
<td>Optional</td>
<td>PO supplier site-level flexfields.</td>
</tr>
<tr>
<td>&lt;CONTACT&gt; - Supplier</td>
<td>Optional</td>
<td>This data type provides contact information for this supplier.</td>
</tr>
<tr>
<td>&lt;NAME&gt;</td>
<td>Required</td>
<td>Contact name for the supplier.</td>
</tr>
<tr>
<td>&lt;EMAIL&gt;</td>
<td>Required</td>
<td>Email address for the supplier contact.</td>
</tr>
<tr>
<td>&lt;FAX1 - FAX9&gt;</td>
<td>Optional</td>
<td>Fax number for the supplier.</td>
</tr>
<tr>
<td>&lt;TELEPHONE1-TELEPHONE9&gt;</td>
<td>Optional</td>
<td>Telephone number for the supplier.</td>
</tr>
<tr>
<td>&lt;PARTNER&gt; - SoldTo</td>
<td>Optional</td>
<td>Buyer information.</td>
</tr>
<tr>
<td>&lt;NAME1&gt;</td>
<td>Required</td>
<td>Name of the buyer company.</td>
</tr>
<tr>
<td>&lt;ONETIME&gt;</td>
<td>Required</td>
<td>Indicator of whether this partner is established for this transaction only.</td>
</tr>
<tr>
<td>&lt;PARTNRID&gt;</td>
<td>Required</td>
<td>Unique identifier for the partner in Oracle Applications.</td>
</tr>
<tr>
<td>&lt;PARTNRTYPE&gt;</td>
<td>Required</td>
<td>Identifier for the type of partner. Value is SoldTo.</td>
</tr>
<tr>
<td>&lt;CURRENCY&gt;</td>
<td>Required</td>
<td>Preferred operating currency of the partner.</td>
</tr>
<tr>
<td>&lt;PARTNRIDX&gt;</td>
<td>Optional</td>
<td>Unique identifier of the partner.</td>
</tr>
<tr>
<td>&lt;ADDRESS&gt; - SoldTo</td>
<td>Optional</td>
<td>The following rows list fields for the address data type related to the partner.</td>
</tr>
<tr>
<td>&lt;ADDR LINE1 - ADDRLINE3&gt;</td>
<td>Optional</td>
<td>Lines of the address.</td>
</tr>
<tr>
<td>&lt;CITY&gt;</td>
<td>Optional</td>
<td>City within the address.</td>
</tr>
<tr>
<td>&lt;COUNTRY&gt;</td>
<td>Optional</td>
<td>Country within the address.</td>
</tr>
<tr>
<td>&lt;POSTALCODE&gt;</td>
<td>Optional</td>
<td>Postal code within the address.</td>
</tr>
<tr>
<td>&lt;STATEPROV&gt;</td>
<td>Optional</td>
<td>State within the address.</td>
</tr>
<tr>
<td>&lt;TELEPHONE1-TELEPHONE9&gt;</td>
<td>Optional</td>
<td>Telephone numbers for this address.</td>
</tr>
<tr>
<td>&lt;CONTACT&gt; - SoldTo</td>
<td>Optional</td>
<td>The following rows list fields for the contact data type related to the partner SoldTo.</td>
</tr>
<tr>
<td>&lt;NAME1&gt;</td>
<td>Required</td>
<td>Full name of the buyer.</td>
</tr>
<tr>
<td>&lt;EMAIL&gt;</td>
<td>Required</td>
<td>E-mail address for the contact.</td>
</tr>
<tr>
<td>&lt;TELEPHONE1-TELEPHONE9&gt;</td>
<td>Optional</td>
<td>Telephone number of the contact.</td>
</tr>
<tr>
<td>&lt;PARTNER&gt; - BillTo</td>
<td>Optional</td>
<td>Bill-to location in Oracle Applications. All the organization information is obtained from the SoldTo organization itself.</td>
</tr>
<tr>
<td>&lt;NAME1&gt;</td>
<td>Optional</td>
<td>Name of the buyer company.</td>
</tr>
<tr>
<td>&lt;ONETIME&gt;</td>
<td>Required</td>
<td>Indicator of whether this partner is established for this transaction only.</td>
</tr>
<tr>
<td>&lt;PARTNRID&gt;</td>
<td>Required</td>
<td>Unique identifier for the Bill To Location ID in Oracle Applications.</td>
</tr>
<tr>
<td>&lt;PARTNRTYPE&gt;</td>
<td>Required</td>
<td>Identifier for the type of partner. Value is BillTo.</td>
</tr>
<tr>
<td>OAGIS PROCESS_PO_007</td>
<td>Required?</td>
<td>Description</td>
</tr>
<tr>
<td>----------------------</td>
<td>-----------</td>
<td>-------------</td>
</tr>
<tr>
<td>&lt;CURRENCY&gt;</td>
<td>Required</td>
<td>Preferred operating currency of the partner.</td>
</tr>
<tr>
<td>&lt;PARTNRIDX&gt;</td>
<td>Optional</td>
<td>Unique identifier of the partner.</td>
</tr>
<tr>
<td>&lt;ADDRESS&gt; - BillTo</td>
<td>Optional</td>
<td>The following rows list fields for the address data type related to the partner BillTo.</td>
</tr>
<tr>
<td>&lt;ADDRLINE1 - ADDRLINE3&gt;</td>
<td>Optional</td>
<td>Lines of the address.</td>
</tr>
<tr>
<td>&lt;CITY&gt;</td>
<td>Optional</td>
<td>City within the address.</td>
</tr>
<tr>
<td>&lt;COUNTRY&gt;</td>
<td>Optional</td>
<td>Country within the address.</td>
</tr>
<tr>
<td>&lt;POSTALCODE&gt;</td>
<td>Optional</td>
<td>Postal code within the address.</td>
</tr>
<tr>
<td>&lt;STATEPROVN&gt;</td>
<td>Optional</td>
<td>State within the address.</td>
</tr>
<tr>
<td>&lt;TELEPHONE1-ELEPHONE9&gt;</td>
<td>Optional</td>
<td>Telephone numbers for this address.</td>
</tr>
<tr>
<td>&lt;PARTNER&gt; - Carrier</td>
<td>Optional</td>
<td>Carrier information is passed in this segment.</td>
</tr>
<tr>
<td>&lt;NAME1&gt;</td>
<td>Optional</td>
<td>Name of the carrier.</td>
</tr>
<tr>
<td>&lt;ONETIME&gt;</td>
<td>Required</td>
<td>Indicator of whether this partner is established for this transaction only.</td>
</tr>
<tr>
<td>&lt;PARTNRID&gt;</td>
<td>Required</td>
<td>Not used by Oracle Applications, but required by OAGI. It is assigned a fixed value of 0.</td>
</tr>
<tr>
<td>&lt;PARTNRTYPE&gt;</td>
<td>Required</td>
<td>Identifier for the type of partner. Value is Carrier.</td>
</tr>
<tr>
<td>&lt;POTERM&gt;</td>
<td>Required</td>
<td>The POTERM data type represents payment due dates and discounts.</td>
</tr>
<tr>
<td>&lt;DESCRIPTN&gt;</td>
<td>Required</td>
<td>Description of payment terms.</td>
</tr>
<tr>
<td>&lt;TERMID&gt;</td>
<td>Required</td>
<td>Identifier for payment terms.</td>
</tr>
<tr>
<td>&lt;POORDERLIN&gt;</td>
<td>Required</td>
<td>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:</td>
</tr>
<tr>
<td>&lt;QUANTITY&gt;</td>
<td>Required</td>
<td>Quantity of the item ordered, using the following fields:</td>
</tr>
<tr>
<td>&lt;VALUE&gt;</td>
<td>Required</td>
<td>Numeric value of the quantity.</td>
</tr>
<tr>
<td>&lt;NUMOFDEC&gt;</td>
<td>Required</td>
<td>One-character numeric value that indicates the number of decimals in the value field.</td>
</tr>
<tr>
<td>&lt;SIGN&gt;</td>
<td>Required</td>
<td>Indicator (+ or -) of whether the quantity is positive or negative.</td>
</tr>
<tr>
<td>&lt;UOM&gt;</td>
<td>Required</td>
<td>Unit of measure that indicates the units of the quantity.</td>
</tr>
<tr>
<td>&lt;OPERAMT (UNIT)&gt;</td>
<td>Required</td>
<td>Unit price of the item. Following are the fields included in this segment:</td>
</tr>
<tr>
<td>&lt;VALUE&gt;</td>
<td>Optional</td>
<td>Monetary unit amount of the PO line.</td>
</tr>
<tr>
<td>&lt;NUMOFDEC&gt;</td>
<td>Optional</td>
<td>Indicator of the number of decimals in the value field.</td>
</tr>
<tr>
<td>&lt;SIGN&gt;</td>
<td>Optional</td>
<td>Indicator (+ or -) of whether the amount is positive or negative.</td>
</tr>
<tr>
<td>&lt;CURRENCY&gt;</td>
<td>Optional</td>
<td>Three-character ISO currency code.</td>
</tr>
<tr>
<td>&lt;UOMVALUE&gt;</td>
<td>Optional</td>
<td>Numeric indicator of the value of the factor when amount is expressed in terms of multiples of the UOM.</td>
</tr>
<tr>
<td>&lt;UOMNUMDEC&gt;</td>
<td>Optional</td>
<td>Number of decimals in the UOMVALUE field.</td>
</tr>
<tr>
<td>&lt;UOM&gt;</td>
<td>Optional</td>
<td>Unit of measure indicator (units of the quantitative amount).</td>
</tr>
<tr>
<td>&lt;POLINENUM&gt;</td>
<td>Optional</td>
<td>Line number of the PO.</td>
</tr>
<tr>
<td>&lt;HAZRDMATL&gt;</td>
<td>Required</td>
<td>Hazardous material class description.</td>
</tr>
<tr>
<td>&lt;ITEMRV&gt;</td>
<td>Optional</td>
<td>Item revision number.</td>
</tr>
<tr>
<td>&lt;NOTES1-NOTES9&gt;</td>
<td>Optional</td>
<td>Note to supplier.</td>
</tr>
<tr>
<td>&lt;DESCRIPTN&gt;</td>
<td>Optional</td>
<td>Description of the item.</td>
</tr>
<tr>
<td>&lt;ITEM&gt;</td>
<td>Optional</td>
<td>Identifier of the product. All segments are concatenated to display the item.</td>
</tr>
<tr>
<td>&lt;ITEMX&gt;</td>
<td>Required</td>
<td>Supplier's item number.</td>
</tr>
<tr>
<td>OAGIS PROCESS_PO_007</td>
<td>Required?</td>
<td>Description</td>
</tr>
<tr>
<td>----------------------</td>
<td>-----------</td>
<td>-------------</td>
</tr>
<tr>
<td>&lt;USERAREA&gt;</td>
<td>Optional</td>
<td>The following fields are provided by Oracle Applications within this USERAREA:</td>
</tr>
<tr>
<td>&lt;REQUESTOR&gt;</td>
<td>Optional</td>
<td>Requestor of this line.</td>
</tr>
<tr>
<td>&lt;CATEGORYID&gt;</td>
<td>Optional</td>
<td>Item category unique identifier.</td>
</tr>
<tr>
<td>&lt;CONTRACTPONUM&gt;</td>
<td>Optional</td>
<td>Contract PO number for this line.</td>
</tr>
<tr>
<td>&lt;CONTRACTPOLINENUM&gt;</td>
<td>Optional</td>
<td>Contract PO line number for this order.</td>
</tr>
<tr>
<td>&lt;VENDORQUOTENUM&gt;</td>
<td>Optional</td>
<td>Supplier’s quote number for this line.</td>
</tr>
<tr>
<td>&lt;LISTPRICE&gt;</td>
<td>Optional</td>
<td>List price of the item.</td>
</tr>
<tr>
<td>&lt;MARKETPRICE&gt;</td>
<td>Optional</td>
<td>Market price of the item.</td>
</tr>
<tr>
<td>&lt;PRICENOTTOEXCEED&gt;</td>
<td>Optional</td>
<td>Unit price not to exceed this amount.</td>
</tr>
<tr>
<td>&lt;NEGPRICE&gt;</td>
<td>Optional</td>
<td>Negotiable price indicator, using Y (for Yes) or N (for No). Only applicable to blankets. Known as Price Override in Oracle Purchasing.</td>
</tr>
<tr>
<td>&lt;TAXABLE&gt;</td>
<td>Optional</td>
<td>Indicator of whether this item is taxable, using Y (for Yes) or N (for No).</td>
</tr>
<tr>
<td>&lt;TXNREASONCODE&gt;</td>
<td>Optional</td>
<td>Transaction reason code, used to group requisition lines for autocreating POs.</td>
</tr>
<tr>
<td>&lt;TYPE1099&gt;</td>
<td>Optional</td>
<td>Type 1099, Y/N.</td>
</tr>
<tr>
<td>&lt;LINEORDERTYPE&gt;</td>
<td>Optional</td>
<td>Line order type, such as Goods or Services.</td>
</tr>
<tr>
<td>&lt;HAZRDUNNUM&gt;</td>
<td>Optional</td>
<td>UN hazard number.</td>
</tr>
<tr>
<td>&lt;HAZARDUNDESC&gt;</td>
<td>Optional</td>
<td>UN hazard description.</td>
</tr>
<tr>
<td>&lt;DFLINE&gt;</td>
<td>Optional</td>
<td></td>
</tr>
<tr>
<td>&lt;ATTRIBUTE1&gt;</td>
<td>Optional</td>
<td>Descriptive flexfields at the line level.</td>
</tr>
<tr>
<td>&lt;ATTRIBUTE2-16&gt;</td>
<td>Optional</td>
<td>Descriptive flexfields at the line level.</td>
</tr>
<tr>
<td>&lt;DFFITEM&gt;</td>
<td>Optional</td>
<td></td>
</tr>
<tr>
<td>&lt;ATTRIBUTE1&gt;</td>
<td>Optional</td>
<td>Descriptive flexfields at the item level.</td>
</tr>
<tr>
<td>&lt;ATTRIBUTE2-16&gt;</td>
<td>Optional</td>
<td>Descriptive flexfields at the item level.</td>
</tr>
<tr>
<td>&lt;KFFITEM&gt;</td>
<td>Optional</td>
<td></td>
</tr>
<tr>
<td>&lt;ATTRIBUTE1-20&gt;</td>
<td>Optional</td>
<td>Key flexfields at the item level.</td>
</tr>
<tr>
<td>&lt;POLINESCHD&gt;</td>
<td>Optional</td>
<td>Data type for requested ship date information for this PO line, using the following fields:</td>
</tr>
<tr>
<td>&lt;DATETIME (NEEDDELV)&gt;</td>
<td>Optional</td>
<td>Need-by delivery date.</td>
</tr>
<tr>
<td>&lt;QUANTITY&gt;</td>
<td>Required</td>
<td>Quantity of the item ordered, using the following fields:</td>
</tr>
<tr>
<td>&lt;VALUE&gt;</td>
<td>Required</td>
<td>Numeric value of the quantity.</td>
</tr>
<tr>
<td>&lt;NUMOFDEC&gt;</td>
<td>Required</td>
<td>One-character numeric indicator of the number of decimals in the value field.</td>
</tr>
<tr>
<td>&lt;SIGN&gt;</td>
<td>Required</td>
<td>Indicator (+ or -) of whether the quantity is positive or negative.</td>
</tr>
<tr>
<td>&lt;UOM&gt;</td>
<td>Required</td>
<td>Unit of measure indicator of the units of the quantity.</td>
</tr>
<tr>
<td>&lt;PSCLINENUM&gt;</td>
<td>Required</td>
<td>Line number on the delivery schedule of the PO.</td>
</tr>
<tr>
<td>&lt;USERAREA&gt;</td>
<td>Optional</td>
<td>The following fields are provided by Oracle in the USERAREA:</td>
</tr>
<tr>
<td>&lt;DATETIME (PROMSHIP)&gt;</td>
<td>Optional</td>
<td>Promise date.</td>
</tr>
<tr>
<td>&lt;DATETIME (APPROVAL)&gt;</td>
<td>Optional</td>
<td>Last acceptance date.</td>
</tr>
<tr>
<td>&lt;PRICEOVRRD&gt;</td>
<td>Optional</td>
<td>For future use.</td>
</tr>
<tr>
<td>&lt;TAXABLE&gt;</td>
<td>Optional</td>
<td>Taxable indicator, Y/N.</td>
</tr>
<tr>
<td>&lt;TAXCODE&gt;</td>
<td>Optional</td>
<td>Tax code if taxable is Y.</td>
</tr>
<tr>
<td>&lt;PARTNER&gt; - ShipTo</td>
<td>Optional</td>
<td>The following fields related to the ShipTo partner data type are provided by Oracle Applications within this USERAREA:</td>
</tr>
<tr>
<td>&lt;NAME&gt;</td>
<td>Optional</td>
<td>Name of the ShipTo partner.</td>
</tr>
<tr>
<td>&lt;ONETIME&gt;</td>
<td>Optional</td>
<td>Indicator of whether this partner is established for this</td>
</tr>
<tr>
<td>OAGIS PROCESS_PO_007</td>
<td>Required?</td>
<td>Description</td>
</tr>
<tr>
<td>----------------------</td>
<td>-----------</td>
<td>-------------</td>
</tr>
<tr>
<td>&lt;PARTNRID&gt;</td>
<td>Optional</td>
<td>Unique identifier for the partner in Oracle Applications.</td>
</tr>
<tr>
<td>&lt;PARTNRTYPE&gt;</td>
<td>Optional</td>
<td>Identifier for the type of partner. Value is ShipTo.</td>
</tr>
<tr>
<td>&lt;CURRENCY&gt;</td>
<td>Optional</td>
<td>Preferred operating currency of the partner.</td>
</tr>
<tr>
<td>&lt;PARTNRIDX&gt;</td>
<td>Optional</td>
<td>Unique identifier of the partner.</td>
</tr>
<tr>
<td>&lt;ADDRESS&gt;-ShipTo</td>
<td>Optional</td>
<td>The ADDRESS element contains the following fields:</td>
</tr>
<tr>
<td>&lt;ADDRLINE1-ADDRLINE3&gt;</td>
<td>Optional</td>
<td>Lines of address for the partner ShipTo.</td>
</tr>
<tr>
<td>&lt;CITY&gt;</td>
<td>Optional</td>
<td>City within the address.</td>
</tr>
<tr>
<td>&lt;COUNTRY&gt;</td>
<td>Optional</td>
<td>Country within the address.</td>
</tr>
<tr>
<td>&lt;POSTALCODE&gt;</td>
<td>Optional</td>
<td>Postal code within the address.</td>
</tr>
<tr>
<td>&lt;STATEPROV&gt;</td>
<td>Optional</td>
<td>State or provience within the address.</td>
</tr>
<tr>
<td>&lt;TELEPHONE1-TELEPHONE9&gt;</td>
<td>Optional</td>
<td>Telephone numbers for this address.</td>
</tr>
<tr>
<td>&lt;DISTPROJECT&gt;</td>
<td>Optional</td>
<td>Used only if Projects installed.</td>
</tr>
<tr>
<td>&lt;REQUESTOR&gt;</td>
<td>Optional</td>
<td>Requester.</td>
</tr>
<tr>
<td>&lt;DISTNUM&gt;</td>
<td>Optional</td>
<td>Distribution number.</td>
</tr>
<tr>
<td>&lt;PROJECTNUM&gt;</td>
<td>Optional</td>
<td>Project number.</td>
</tr>
<tr>
<td>&lt;PROJECTTYPE&gt;</td>
<td>Optional</td>
<td>Project type.</td>
</tr>
<tr>
<td>&lt;TASKNUM&gt;</td>
<td>Optional</td>
<td>Project task number.</td>
</tr>
<tr>
<td>&lt;QUANTITY&gt;</td>
<td>Optional</td>
<td>Quantity ordered for this distribution line.</td>
</tr>
<tr>
<td>&lt;CONVRATE&gt;</td>
<td>Optional</td>
<td>Currency conversion rate.</td>
</tr>
<tr>
<td>&lt;DATETIME(EXTRDATE)&gt;</td>
<td>Optional</td>
<td>Currency conversion date.</td>
</tr>
<tr>
<td>&lt;DESTTYPE&gt;</td>
<td>Optional</td>
<td>Destination type code, such as Inventory or Expense.</td>
</tr>
<tr>
<td>&lt;DIFFDISTRIBUTION&gt;</td>
<td>Optional</td>
<td></td>
</tr>
<tr>
<td>&lt;ATTRIBUTE1&gt;</td>
<td>Optional</td>
<td>Distribution descriptive flexfields (16).</td>
</tr>
<tr>
<td>&lt;ATTRIBUTE2-16&gt;</td>
<td>Optional</td>
<td>Distribution descriptive flexfields (16).</td>
</tr>
</tbody>
</table>

**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](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 agreementItemNumber 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.

<table>
<thead>
<tr>
<th>OAG Tag</th>
<th>cXML Tag</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROCESS_PO_007</td>
<td>cXML</td>
<td></td>
</tr>
<tr>
<td></td>
<td><code>&lt;cXML version =&quot;1.2.007&quot;&gt;</code></td>
<td>Our current version.</td>
</tr>
<tr>
<td></td>
<td><code>&lt;cXML payloadID=&gt;</code></td>
<td>Comes from CONTROL_NUMBER variable passsed by Hub server.</td>
</tr>
<tr>
<td></td>
<td><code>&lt;cXML timestamp=&gt;</code></td>
<td>Comes from TIMESTAMP variable passed by Hub server.</td>
</tr>
<tr>
<td>cXML/Header/From/&lt;Credential domain=&gt;</td>
<td>Comes from SENDER_ID_TYPE variable passed by Hub server.</td>
<td></td>
</tr>
<tr>
<td>cXML/Header/From/Credential/Identity</td>
<td>Comes from SENDER_ID variable passed by Hub server.</td>
<td></td>
</tr>
<tr>
<td>cXML/Header/To/&lt;Credential domain=&gt;</td>
<td>Comes from RECEIVER_ID_TYPE variable passed by Hub server.</td>
<td></td>
</tr>
<tr>
<td>cXML/Header/To/Credential/Identity</td>
<td>Comes from RECEIVER_ID variable passed by Hubserver</td>
<td></td>
</tr>
<tr>
<td>-----------------------------------</td>
<td>--------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>cXML/Header/Sender/&lt;Credential domain=&quot;OracleSN&quot;&gt;/Identity</td>
<td>Comes from RECEIVER_USERNAME variable passed by Hubserver</td>
<td></td>
</tr>
<tr>
<td>cXML/Header/Sender/&lt;Credential domain=&quot;OracleSN&quot;&gt;/SharedSecret</td>
<td>Comes from RECEIVER_PASSWORD variable passed by Hubserver</td>
<td></td>
</tr>
<tr>
<td>cXML/Header/Sender/UserAgent = 'Oracle Supplier Network'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DATAAREA/PROCES S_PO/POORDERHDR/</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt;cXML&gt;/Request&gt;/OrderRequest&gt;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>POORDERHDR/POID</td>
<td>&lt;OrderRequestHeader orderID=&gt;</td>
<td></td>
</tr>
<tr>
<td>POORDERHDR/DATETIME</td>
<td>&lt;OrderRequestHeader orderDate=&gt;</td>
<td></td>
</tr>
<tr>
<td>POORDERHDR/POTYPE</td>
<td>&lt;OrderRequestHeader orderType=&gt;</td>
<td></td>
</tr>
<tr>
<td>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</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DATAAREA/PROCES S_PO/POORDERLIN/USERAREA/CONTRACTPONUM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt;OrderRequestHeader agreementID=&gt;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>POORDERHDR/OPERAMT/CURRENCY</td>
<td>OrderRequestHeader/Total/&lt;Money currency=&gt;</td>
<td></td>
</tr>
<tr>
<td>POORDERHDR/OPERAMT/VALUE</td>
<td>OrderRequestHeader/Total/Money</td>
<td></td>
</tr>
<tr>
<td>POORDERHDR/OPERAMT/NUMOFDEC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DATAAREA/PROCES S_PO/POORDERLIN[1]/POLINESCHD[1]</td>
<td>OrderRequestHeader/ShipTo</td>
<td></td>
</tr>
<tr>
<td>Generate the ShipTo segment from the first schedule line in the first order line</td>
<td></td>
<td></td>
</tr>
<tr>
<td>POLINESCHD/USERAREA/REAPARTNER/ADDRESS/COUNTRY</td>
<td>ShipTo/&lt;Address isoCountryCode=&gt;</td>
<td></td>
</tr>
<tr>
<td>POLINESCHD/USERAREA/REAPARTNER/PARTNIDX</td>
<td>ShipTo/&lt;Address addressID=&gt;</td>
<td></td>
</tr>
<tr>
<td>POLINESCHD/USERAREA/REAPARTNER/NAM E</td>
<td>ShipTo/Address/&lt;Name xml:lang=&quot;en&quot;&gt;</td>
<td></td>
</tr>
<tr>
<td>Source Code</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>-------------</td>
<td>-------------</td>
<td></td>
</tr>
<tr>
<td>POLINESCHD/USERAREA/DISTPROJECT/REQUESTOR</td>
<td>ShipTo/Address/PostalAddress/DeliverTo&lt;br&gt;If POLINESCHD/USERAREA/DISTPROJECT/REQUESTOR is null then the value of DeliverTo gets populated from POORDERLIN/USERAREA/REQUESTOR</td>
<td></td>
</tr>
<tr>
<td>POORDERLIN/USERAREA/REQUESTOR</td>
<td>ShipTo/Address/PostalAddress/DeliverTo&lt;br&gt;For each ADDRLINE, &lt;Street&gt; tag gets repeated.</td>
<td></td>
</tr>
<tr>
<td>POLINESCHD/USERAREA/REQUESTOR</td>
<td>ShipTo/Address/PostalAddress/Street&lt;br&gt;For each ADDRLINE, &lt;Street&gt; tag gets repeated.</td>
<td></td>
</tr>
<tr>
<td>POLINESCHD/USERAREA/REQUESTOR</td>
<td>ShipTo/Address/PostalAddress/City&lt;br&gt;Value is converted into a country code.</td>
<td></td>
</tr>
<tr>
<td>POLINESCHD/USERAREA/REQUESTOR</td>
<td>ShipTo/Address/PostalAddress/State&lt;br&gt;Value is converted into a country code.</td>
<td></td>
</tr>
<tr>
<td>POLINESCHD/USERAREA/REQUESTOR</td>
<td>ShipTo/Address/PostalAddress/PostalCode&lt;br&gt;Value is converted into a country code.</td>
<td></td>
</tr>
<tr>
<td>POLINESCHD/USERAREA/REQUESTOR</td>
<td>ShipTo/Address/PostalAddress/Country&lt;br&gt;Value is converted into a country code.</td>
<td></td>
</tr>
<tr>
<td>POLINESCHD/USERAREA/REQUESTOR</td>
<td>ShipTo/Address/Email&lt;br&gt;Value is converted into a country code.</td>
<td></td>
</tr>
<tr>
<td>DATAAREA/PROCESPO/POORDERHDR/PARTNER[PARTNRTYPE = 'BillTo']/PARTNER[PARTNRTYPE = 'BillTo']/ADDRESS/COUNTRY</td>
<td>OrderRequestHeader/BillTo&lt;br&gt;For each ADDRLINE, the &lt;Street&gt; tag will repeat.</td>
<td></td>
</tr>
<tr>
<td>PARTNER[PARTNRTYPE = 'BillTo']/ADDRESS/ISO_COUNTRY</td>
<td>BillTo/Address isoCountryCode =&gt;</td>
<td></td>
</tr>
<tr>
<td>PARTNER[PARTNRTYPE = 'BillTo']/ADDRESS/COUNTY</td>
<td>BillTo/Address countryID =&gt;</td>
<td></td>
</tr>
<tr>
<td>PARTNER[PARTNRTYPE = 'BillTo']/PARTNRIDX</td>
<td>BillTo/Address/Name</td>
<td></td>
</tr>
<tr>
<td>PARTNER[PARTNRTYPE = 'BillTo']/ADDRESS/DESCRIPTION</td>
<td>BillTo/Address/PostalAddress/Street&lt;br&gt;For each ADDRLINE, the &lt;Street&gt; tag will repeat.</td>
<td></td>
</tr>
<tr>
<td>DRLINE</td>
<td>PARTNER[PARTNRYPE = 'BillTo']/ADDRESS/CITY</td>
<td>BillTo/Address/PostalAddress/City</td>
</tr>
<tr>
<td>--------</td>
<td>----------------------------------------</td>
<td>-----------------------------------</td>
</tr>
<tr>
<td></td>
<td>PARTNER[PARTNRYPE = 'BillTo']/ADDRESS/STATEPROVN</td>
<td>BillTo/Address/PostalAddress/State</td>
</tr>
<tr>
<td></td>
<td>PARTNER[PARTNRYPE = 'BillTo']/ADDRESS/POSTALCODE</td>
<td>BillTo/Address/PostalAddress/PostalCode</td>
</tr>
<tr>
<td></td>
<td>PARTNER[PARTNRYPE = 'BillTo']/ADDRESS/COUNTRY</td>
<td>BillTo/Address/PostalAddress/Country</td>
</tr>
<tr>
<td></td>
<td>PARTNER[PARTNRYPE = 'BillTo']/CONTACT/EMAIL</td>
<td>BillTo/Address/Email</td>
</tr>
<tr>
<td></td>
<td>PARTNER[PARTNRYPE = 'BillTo']/ADDRESS/COUNTRY</td>
<td>BillTo/Address/Phone/TelephoneNumber/&lt;CountryCode isoCountryCode=&gt;</td>
</tr>
<tr>
<td></td>
<td>PARTNER[PARTNRYPE = 'BillTo']/ADDRESS/COUNTRY</td>
<td>BillTo/Address/Phone/TelephoneNumber/Number</td>
</tr>
<tr>
<td></td>
<td>PARTNER[PARTNRYPE = 'BillTo']/ADDRESS/COUNTRY</td>
<td>BillTo/Address/Fax/TelephoneNumber/&lt;CountryCode isoCountryCode=&gt;</td>
</tr>
<tr>
<td></td>
<td>DATAAREA/PROCESSES_PO/POORDERHDR/PARTNER[PARTNRYPE = 'Carrier']</td>
<td>OrderRequestHeader/Shipping</td>
</tr>
<tr>
<td></td>
<td>DATAAREA/PROCESSES_PO/POORDERHDR/PARTNER[PARTNRYPE = 'Carrier']</td>
<td>OrderRequestHeader/Shipping</td>
</tr>
<tr>
<td></td>
<td>POORDERHDR/PARTNER[PARTNRYPE = 'Carrier']/NAME</td>
<td>&lt;Shipping trackingDomain=&gt;</td>
</tr>
<tr>
<td></td>
<td>POORDERHDR/OPERAMT/CURRENCY</td>
<td>Shipping/&lt;Money currency =&gt;</td>
</tr>
<tr>
<td></td>
<td>POORDERHDR/PARTNER[PARTNRYPE = 'Carrier']/NAME</td>
<td>Shipping/&lt;Description xml:lang='en'&gt;</td>
</tr>
<tr>
<td></td>
<td>DATAAREA/PROCESSES_PO/POORDERHDR/USERAREA/PCARDH</td>
<td>OrderRequestHeader/Payment/&lt;PCard&gt;</td>
</tr>
<tr>
<td></td>
<td>DATAAREA/PROCESSES_PO/POORDERHDR/USERAREA/PCARDH</td>
<td>OrderRequestHeader/Payment/&lt;PCard&gt;</td>
</tr>
</tbody>
</table>

For each PCARDHDR, PCard in cXML gets repeated
<table>
<thead>
<tr>
<th>DR</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PCARDHDR/PCARDNUM</td>
<td>&lt;PCard number=&gt;</td>
<td></td>
</tr>
<tr>
<td>PCARDHDR/DATETIME</td>
<td>&lt;PCard expiration=&gt;</td>
<td>Date is printed in standard cXML format</td>
</tr>
<tr>
<td>PCARDHDR/PCARDBRAND</td>
<td>&lt;PCard name=&gt;</td>
<td></td>
</tr>
<tr>
<td>DATAAREA/PROCES S_PO/POORDERHDR/ PARTNER[PARTNRTYPE = 'SoldTo']/CONTACT</td>
<td>OrderRequestHeader/&lt;Contact role='buyer'&gt;</td>
<td></td>
</tr>
<tr>
<td>PARTNER[PARTNRTYPE = 'SoldTo']/CONTACT/NAME</td>
<td>Contact/Name</td>
<td></td>
</tr>
<tr>
<td>PARTNER[PARTNRTYPE = 'SoldTo']/ADDRESS/ADDRLINE</td>
<td>Contact/PostalAddress/Street</td>
<td>For each ADDRLINE, Street tag gets repeated.</td>
</tr>
<tr>
<td>PARTNER[PARTNRTYPE = 'SoldTo']/ADDRESS/CITY</td>
<td>Contact/PostalAddress/City</td>
<td></td>
</tr>
<tr>
<td>PARTNER[PARTNRTYPE = 'SoldTo']/ADDRESS/STATEPROVN</td>
<td>Contact/PostalAddress/State</td>
<td></td>
</tr>
<tr>
<td>PARTNER[PARTNRTYPE = 'SoldTo']/ADDRESS/POSTALCODE</td>
<td>Contact/PostalAddress/PostalCode</td>
<td></td>
</tr>
<tr>
<td>PARTNER[PARTNRTYPE = 'SoldTo']/ADDRESS/COUNTRY</td>
<td>Contact/PostalAddress/&lt;Country isoCountryCode =&gt;</td>
<td></td>
</tr>
<tr>
<td>PARTNER[PARTNRTYPE = 'SoldTo']/CONTACT/EMAIL</td>
<td>Contact/Email</td>
<td></td>
</tr>
<tr>
<td>PARTNER[PARTNRTYPE = 'SoldTo']/ADDRESS/COUNTRY</td>
<td>Contact/Phone/TelephoneNumber/&lt;CountryCode isoCountryCode =&gt;</td>
<td></td>
</tr>
<tr>
<td>PARTNER[PARTNRTYPE = 'SoldTo']/CONTACT/TELEPHONE</td>
<td>Contact/Phone/TelephoneNumber/Number</td>
<td></td>
</tr>
<tr>
<td>DATAAREA/PROCES S_PO/POORDERHDR</td>
<td>OrderRequestHeader/Comments</td>
<td></td>
</tr>
<tr>
<td>DATAAREA/PROCES S_PO/POORDERHDR/ ATTCHREF</td>
<td>Comments/Attachment</td>
<td>For each ATTCHREF, Attachment repeats</td>
</tr>
<tr>
<td>------------------------------------------</td>
<td>---------------------</td>
<td>--------------------------------------</td>
</tr>
<tr>
<td>POORDERHDR/ATTCHREF/URI</td>
<td>Comments/Attachment/URL</td>
<td>For each URI under ATTCHREF, cXML tag URL repeats under Attachment tag</td>
</tr>
<tr>
<td>POORDERHDR/ATTCHREF/FI LENAME</td>
<td>Comments/Attachment/URL</td>
<td>For each FILENAME tag under ATTCHREF, cXML tag URL repeats with &quot;CID:&quot; concatenated to the filename.</td>
</tr>
<tr>
<td>DATAAREA/PROCES S_PO/POORDERHDR/ ACKREQUEST</td>
<td>OrderRequestHeader/&lt;Extrinsic name=&quot;ACKREQD&quot;&gt;</td>
<td></td>
</tr>
<tr>
<td>DATAAREA/PROCES S_PO/POORDERHDR/ USERAREA/DATETIME[@qualifier='APPREQ']</td>
<td>OrderRequestHeader/&lt;Extrinsic name=&quot;ACKBYDATE&quot;&gt;</td>
<td>This Extrinsic cXML tag appears only if the DATETIME[@qualifier='AP PREQ'] exists</td>
</tr>
<tr>
<td>DATAAREA/PROCES S_PO/POORDERHDR/ USERAREA/TANDC</td>
<td>OrderRequestHeader/&lt;Extrinsic name=&quot;TANDC&quot;&gt;</td>
<td></td>
</tr>
<tr>
<td>DATAAREA/PROCES S_PO/POORDERHDR/ PORELEASE</td>
<td>OrderRequestHeader/&lt;Extrinsic name=&quot;RELEASENUM&quot;&gt;</td>
<td></td>
</tr>
<tr>
<td>DATAAREA/PROCES S_PO/POORDERHDR/ USERAREA/DFFPOHEADER/ATTRIBUTEx</td>
<td>OrderRequestHeader/&lt;Extrinsic name=&quot;ATTRIBUTEx&quot;&gt;</td>
<td>In ATTRIBUTEx, x varies from 1 to 16</td>
</tr>
<tr>
<td>DATAAREA/PROCES S_PO/POORDERHDR/ &lt;NOTES index='X'&gt;</td>
<td>OrderRequestHeader/&lt;Extrinsic name=&quot;NOTES_X&quot;&gt;</td>
<td>The attribute index of OAG tag NOTES gets concatenated to &quot;NOTES_&quot;. Also, Extrinsic tag repeats for every OAG NOTES tag.</td>
</tr>
<tr>
<td>DATAAREA/PROCES S_PO/POORDERLIN/P OLINESCHD</td>
<td>cXML/Request/OrderRequest/Item Out</td>
<td>For each POLINESCHD, ItemOut tag repeats.</td>
</tr>
<tr>
<td>POORDERLIN/POLINESCHD/PSCLINENUM</td>
<td>&lt;ItemOut lineNumber=&gt;</td>
<td>The OAG tag values of POLINENUM and PSCLINENUM are concatenated together by separating string as '0'.</td>
</tr>
<tr>
<td>POORDERLIN/POLIN ENUM</td>
<td>&lt;ItemOut quantity=&gt;</td>
<td></td>
</tr>
<tr>
<td>POLINESCHD/QUAN TITY(VALUE</td>
<td>&lt;ItemOut agreementItemNumber=&gt;</td>
<td>This attribute appears only if POORDERHDR/POTYPE=&quot;</td>
</tr>
<tr>
<td>POLINESCHD/DATETIME</td>
<td>&lt;ItemOut requestedDeliveryDate=&gt;</td>
<td>Timestamp is printed in the cXML format.</td>
</tr>
<tr>
<td>----------------------</td>
<td>----------------------------------</td>
<td>--------------------------------------</td>
</tr>
<tr>
<td>POORDERLIN/ITEMX</td>
<td>ItemOut/ItemID/SupplierPartID</td>
<td></td>
</tr>
<tr>
<td>POORDERLIN/USERAREA/CONFIGID</td>
<td>ItemOut/ItemID/SupplierPartAuxiliaryID</td>
<td></td>
</tr>
<tr>
<td>POLINESCHD/USERA/RE/OPE/MT/CURRENTY</td>
<td>ItemOut/ItemDetail/UnitPrice/&lt;Money currency =&gt;</td>
<td></td>
</tr>
<tr>
<td>POLINESCHD/USERA/RE/OPE/MT[@qualifier='UNIT' and @type='T']/VALUE</td>
<td>ItemOut/ItemDetail/UnitPrice/Money</td>
<td></td>
</tr>
<tr>
<td>POLINESCHD/USERA/RE/OPE/MT[@qualifier='UNIT' and @type='T']/NUMOFCANCE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>POORDERLIN/DESCRIPTION</td>
<td>ItemOut/ItemDetail/Description</td>
<td></td>
</tr>
<tr>
<td>POORDERLIN/QUANTITY/UOM</td>
<td>ItemOut/ItemDetail/UnitOfMeasure</td>
<td></td>
</tr>
<tr>
<td>POORDERLIN/POLINENUM</td>
<td>ItemOut/ItemDetail/&lt;Extrinsic name=&quot;LINENUM&quot;&gt;</td>
<td></td>
</tr>
<tr>
<td>POLINESCHD/PSCLINENUM</td>
<td>ItemOut/ItemDetail/&lt;Extrinsic name=&quot;SHIPMENTNUM&quot;&gt;</td>
<td></td>
</tr>
<tr>
<td>POORDERLIN/ITEM</td>
<td>ItemOut/ItemDetail/&lt;Extrinsic name=&quot;BUYERPARTNUM&quot;&gt;</td>
<td></td>
</tr>
<tr>
<td>POORDERLIN/USERAREA/DF/FLINE/ATTRIBUTEx</td>
<td>ItemOut/ItemDetail/&lt;Extrinsic name=&quot;LINEATTRIBUTEEx&quot;&gt;</td>
<td>LINEATTRIBUTE1 to LINEATTRIBUTE16 are mapped to corresponding Extrinsic cXML tags.</td>
</tr>
<tr>
<td>POLINESCHD/USERA/RE/DISTPROJECT/DF/D/FFDISTRIBUTN/ATTRIBUTEx</td>
<td>ItemOut/ItemDetail/&lt;Extrinsic name=&quot;ATTRIBUTEx&quot;&gt;</td>
<td>ATTRIBUTE1 to ATTRIBUTE16 are mapped to corresponding Extrinsic cXML tags.</td>
</tr>
<tr>
<td>POORDERLIN/POLINESCHD/USERAREA/DROPSHIPDETAILS/DR/O/SHP/CUST/NAM</td>
<td>ItemOut/ItemDetail/&lt;Extrinsic name=&quot;DROPSHIP_CUSTOMERNAME&quot;&gt;</td>
<td></td>
</tr>
<tr>
<td>POORDERLIN/&lt;NOTES index='X'&gt;</td>
<td>ItemOut/ItemDetail/&lt;Extrinsic name=&quot;NOTES_X&quot;&gt;</td>
<td>The attribute index of OAG tag NOTES gets concatenated to &quot;NOTES_&quot;. Also, Extrinsic tag repeats for every OAG NOTES tag.</td>
</tr>
<tr>
<td>DATAAREA/PROCES S_PO/POORDERHDR/PARTNER[PARTNRTYPE =</td>
<td>ItemOut/SupplierList/Supplier/&lt;Name xml:lang='en'&gt;</td>
<td></td>
</tr>
<tr>
<td>Field</td>
<td>Description</td>
<td>Notes</td>
</tr>
<tr>
<td>--------------------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>----------------------------------------------------------------------</td>
</tr>
<tr>
<td>'Supplier'[/NAME</td>
<td>ItemOut/SupplierList/Supplier/Comments</td>
<td></td>
</tr>
<tr>
<td>POLINESCHD/USERAREA/NOTES</td>
<td>ItemOut/SupplierList/Supplier/SupplierID domain =&gt; Hardcoded to DUMMY</td>
<td></td>
</tr>
<tr>
<td>DATAAREA/PROCES S_PO/POORDERHDR/</td>
<td>ItemOut/SupplierList/Supplier/SupplierLocation/OrderMethods/Contact/Name</td>
<td></td>
</tr>
<tr>
<td>PARTNER[PARTNERTYPE = 'Supplier']/PARTNRID</td>
<td>ItemOut/SupplierList/Supplier/SupplierLocation/OrderMethods/Contact/Email</td>
<td></td>
</tr>
<tr>
<td>DATAAREA/PROCES S_PO/POORDERHDR/</td>
<td>ItemOut/SupplierList/Supplier/SupplierLocation/OrderMethods/Contact/Phone/</td>
<td></td>
</tr>
<tr>
<td>PARTNER[PARTNERTYPE = 'Supplier']/CONTACT/</td>
<td>TelephoneNumber/CountryCode isoCountryCode =&gt;</td>
<td></td>
</tr>
<tr>
<td>NAME</td>
<td>ItemOut/SupplierList/Supplier/SupplierLocation/OrderMethods/Contact/Phone/</td>
<td></td>
</tr>
<tr>
<td>EMAIL</td>
<td>TelephoneNumber/Number</td>
<td></td>
</tr>
<tr>
<td>DATAAREA/PROCES S_PO/POORDERHDR/</td>
<td>ItemOut/SupplierList/Supplier/SupplierLocation/OrderMethods/Contact/Phone/</td>
<td></td>
</tr>
<tr>
<td>PARTNER[PARTNERTYPE = 'Supplier']/ADDRESS/</td>
<td>TelephoneNumber/TelephoneNumber/TelephoneNumber/PhoneNumber/ISO</td>
<td></td>
</tr>
<tr>
<td>COUNTRY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DATAAREA/PROCES S_PO/POORDERHDR/</td>
<td>ItemOut/SupplierList/Supplier/SupplierLocation/OrderMethods/Contact/Phone/</td>
<td></td>
</tr>
<tr>
<td>PARTNER[PARTNERTYPE = 'Supplier']/CONTACT/</td>
<td>TelephoneNumber/Number</td>
<td></td>
</tr>
<tr>
<td>TELEPHONE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>POORDERLIN/OPERAMT/CURRENCY</td>
<td>ItemOut/Tax/&lt;Money currency=&gt;</td>
<td></td>
</tr>
<tr>
<td>POORDERLIN/POLINESCHD/USERAREA/TAXABLE</td>
<td>ItemOut/Tax/&lt;TaxDetail category =&gt;</td>
<td>If TAXABLE tag value is N, then category value is 'Non-Taxable'. Else category takes 'Taxable'.</td>
</tr>
<tr>
<td>POORDERLIN/POLINESCHD/USERAREA/TAXCODE</td>
<td>ItemOut/Tax/&lt;TaxDetail purpose =&gt;</td>
<td></td>
</tr>
<tr>
<td>POORDERLIN/OPERAMT/CURRENCY</td>
<td>ItemOut/Tax/TaxDetail/TaxAmount/&lt;Money currency =&gt;</td>
<td>For each URI under ATTCHREF, cXML tag URL repeats under Attachment tag</td>
</tr>
<tr>
<td>POORDERLIN/ATTCHREF/URI</td>
<td>ItemOut/Comments/Attachment/URL</td>
<td>For each FILENAME tag under ATTCHREF, cXML tag URL repeats with &quot;CID:&quot; concatenated to the</td>
</tr>
</tbody>
</table>
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, either 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.

<table>
<thead>
<tr>
<th>OAGIS CHANGE_PO_006</th>
<th>Required</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;CNTROLAREA&gt;</td>
<td>Required</td>
<td>Value is “CHANGE”.</td>
</tr>
<tr>
<td>&lt;VERB value=”CHANGE”&gt;</td>
<td>Required</td>
<td>Value is “CHANGE”.</td>
</tr>
<tr>
<td>&lt;NOUN value=”PO”&gt;</td>
<td>Required</td>
<td>Value is “PO”.</td>
</tr>
<tr>
<td>&lt;REVISION value=”006”&gt;</td>
<td>Required</td>
<td>Value is “006”</td>
</tr>
<tr>
<td>&lt;DATAAREA&gt;</td>
<td>Required</td>
<td></td>
</tr>
<tr>
<td>&lt;CHANGE_PO&gt;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt;POHEADER&gt;</td>
<td>Required</td>
<td>In PROCESS PO this element is named ‘POORDERHDR’</td>
</tr>
<tr>
<td>&lt;USERAREA&gt;&lt;REVISIONNUM&gt;</td>
<td>Optional</td>
<td>Revision number of the PO.</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>OAG Tag</th>
<th>cXML Tag</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHANGE_PO_006</td>
<td>cXML</td>
<td></td>
</tr>
<tr>
<td></td>
<td>&lt;cXML version='1.1.010'&gt;</td>
<td>Our current version.</td>
</tr>
<tr>
<td></td>
<td>&lt;cXML payloadID=&gt;</td>
<td>Comes from CONTROL_NUMBER variable passed by Hub server.</td>
</tr>
<tr>
<td></td>
<td>&lt;cXML timestamp=&gt;</td>
<td>Comes from TIMESTAMP variable passed by Hub server.</td>
</tr>
<tr>
<td></td>
<td>cXML/Header/From/&lt;Credential domain=&gt;</td>
<td>Comes from SENDER_IDTYPE variable passed by Hub server.</td>
</tr>
<tr>
<td></td>
<td>cXML/Header/From/Credential/Identity</td>
<td>Comes from SENDER_ID variable passed by Hub server.</td>
</tr>
<tr>
<td></td>
<td>cXML/Header/To/&lt;Credential domain=&gt;</td>
<td>Comes from RECEIVER_IDTYPE variable passed by Hub server.</td>
</tr>
<tr>
<td></td>
<td>cXML/Header/To/Credential/Identity</td>
<td>Comes from RECEIVER_ID variable passed by Hub server.</td>
</tr>
<tr>
<td></td>
<td>cXML/Header/Sender/&lt;Credential domain=&quot;OracleSN&quot;&gt;/Identity</td>
<td>Comes from RECEIVER_USERNAME variable passed by Hub server.</td>
</tr>
<tr>
<td></td>
<td>cXML/Header/Sender/&lt;Credential domain=&quot;OracleSN&quot;&gt;/SharedSecret</td>
<td>Comes from RECEIVER_PASSWORD variable passed by Hubserver</td>
</tr>
<tr>
<td></td>
<td>cXML/Header/Sender/UserAgent = 'Oracle Supplier Network'</td>
<td></td>
</tr>
<tr>
<td>DATAAREA/CHANGE_PO/POHEADER</td>
<td>&lt;cXML&gt;/Request&gt;/OrderRequest&gt; /OrderRequestHeader&gt;</td>
<td>type is 'update' for all values of POSTATUS except for CANCELLED. For CANCELLED, type is 'delete'</td>
</tr>
<tr>
<td>POHEADER/POSTATUS</td>
<td>&lt;OrderRequestHeader type=&gt;</td>
<td></td>
</tr>
<tr>
<td>POHEADER/POID</td>
<td>&lt;OrderRequestHeader orderID=&gt;</td>
<td></td>
</tr>
<tr>
<td>POHEADER/DATETIME</td>
<td>&lt;OrderRequestHeader orderDate=&gt;</td>
<td></td>
</tr>
<tr>
<td><strong>POHEADER/POTYPE</strong></td>
<td><strong>DATAAREA/CHANGE_PO/POLINE/USERAREA/CONTRACTPONUM</strong></td>
<td><strong>DATAAREA/CHANGE_PO/POHEADER/USERAREA/REVISIONNUM + 1</strong></td>
</tr>
<tr>
<td>---------------------</td>
<td>------------------------------------------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>&lt;OrderRequestHeader orderType=&gt;</td>
<td>&lt;OrderRequestHeader agreementID=&gt;</td>
<td>&lt;OrderRequestHeader orderVersion=&gt;</td>
</tr>
<tr>
<td><strong>POHEADER/OPERAMT/CURRENCY</strong></td>
<td><strong>POHEADER/OPERAMT/VALUE</strong></td>
<td><strong>POHEADER/OPERAMT/NUMOFDECC</strong></td>
</tr>
<tr>
<td>OrderRequestHeader/Total/&lt;Money currency=&gt;</td>
<td>OrderRequestHeader/Total/Money</td>
<td>Generate the ShipTo segment from the first schedule line in the first order line</td>
</tr>
<tr>
<td><strong>DATAAREA/CHANGE_PO/POLINE[1]/SCHEDULE[1]</strong></td>
<td><strong>SCHEDULE/USERAREA/PARTNER/ADDRESS/COUNTRY</strong></td>
<td><strong>SCHEDULE/USERAREA/PARTNER/ADDRESS/COUNTRY</strong></td>
</tr>
<tr>
<td>OrderRequestHeader/ShipTo</td>
<td>ShipTo/&lt;Address isoCountryCode=&gt;</td>
<td>ShipTo/&lt;Address isoCountryCode =&gt;</td>
</tr>
<tr>
<td><strong>SCHEDULE/USERAREA/PARTNER/PARTNRIDX</strong></td>
<td><strong>SCHEDULE/USERAREA/PARTNER/ADDRESS/DESCRIPTN</strong></td>
<td><strong>SCHEDULE/USERAREA/PARTNER/ADDRESS/DESCRIPTN</strong></td>
</tr>
<tr>
<td>ShipTo/&lt;Address addressID=&gt;</td>
<td>ShipTo/Address/&lt;Name xml:lang=&quot;en&quot;&gt;</td>
<td>ShipTo/Address/PostalAddress/DeliverTo</td>
</tr>
<tr>
<td><strong>SCHEDULE/USERAREA/PARTNER/ADDRESS/ADDRLINE</strong></td>
<td><strong>SCHEDULE/USERAREA/PARTNER/ADDRESS/CITY</strong></td>
<td><strong>SCHEDULE/USERAREA/PARTNER/ADDRESS/CITY</strong></td>
</tr>
<tr>
<td>ShipTo/Address/PostalAddress/Street</td>
<td>ShipTo/Address/PostalAddress/City</td>
<td>For each ADDRLINE, &lt;Street&gt; tag gets repeated.</td>
</tr>
<tr>
<td><strong>SCHEDULE/USERAREA/PARTNER/ADDRESS/STATEPROVN</strong></td>
<td><strong>SCHEDULE/USERAREA/PARTNER/ADDRESS/STATEPROVN</strong></td>
<td><strong>SCHEDULE/USERAREA/PARTNER/ADDRESS/STATEPROVN</strong></td>
</tr>
<tr>
<td>ShipTo/Address/PostalAddress/State</td>
<td>ShipTo/Address/PostalAddress/PostalCode</td>
<td></td>
</tr>
<tr>
<td><strong>SCHEDULE/USERAREA/PARTNER/ADDRESS/COUNTRY</strong></td>
<td><strong>SCHEDULE/USERAREA/PARTNER/ADDRESS/COUNTRY</strong></td>
<td><strong>SCHEDULE/USERAREA/PARTNER/ADDRESS/COUNTRY</strong></td>
</tr>
<tr>
<td>ShipTo/Address/PostalAddress/&lt;Country isoCountryCode =&gt;</td>
<td>ShipTo/Address/PostalAddress/Country</td>
<td>Value is converted into a country code.</td>
</tr>
<tr>
<td><strong>SCHEDULE/USERAREA/PARTNER/ADDRESS/TELEPHONE</strong></td>
<td><strong>SCHEDULE/USERAREA/PARTNER/ADDRESS/TELEPHONE</strong></td>
<td><strong>SCHEDULE/USERAREA/PARTNER/ADDRESS/TELEPHONE</strong></td>
</tr>
<tr>
<td>ShipTo/Address/PostalAddress/PhoneNumber/&lt;CountryCode isoCountryCode =&gt;</td>
<td>ShipTo/Address/PostalAddress/PhoneNumber/Number</td>
<td></td>
</tr>
<tr>
<td><strong>DATAAREA/CHANGE_PO/POHEADER/PARTNER[PARTNRTYPE = 'BillTo']/</strong></td>
<td><strong>PARTNER[PARTNRTYPE = 'BillTo']/ADDRESS/COUNTRY</strong></td>
<td><strong>PARTNER[PARTNRTYPE = 'BillTo']/PARTNRIDX</strong></td>
</tr>
<tr>
<td>OrderRequestHeader/BillTo</td>
<td>BillTo/&lt;Address isoCountryCode =&gt;</td>
<td>BillTo/&lt;Address addressID =&gt;</td>
</tr>
<tr>
<td><strong>PARTNER[PARTNRTYPE = 'BillTo']/ADDRESS/COUNTRY</strong></td>
<td><strong>PARTNER[PARTNRTYPE = 'BillTo']/PARTNRIDX</strong></td>
<td><strong>PARTNER[PARTNRTYPE = 'BillTo']/ADDRESS/DESCRIPTN</strong></td>
</tr>
<tr>
<td>BillTo/Address/Name</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PARTNER[PARTNRTYPE = 'BillTo']/ADDRESS/ADDRLINE</td>
<td>BillTo/Address/PostalAddress/Street</td>
<td>For each ADDRLINE, the &lt;Street&gt; tag will repeat.</td>
</tr>
<tr>
<td>PARTNER[PARTNRTYPE = 'BillTo']/ADDRESS/CITY</td>
<td>BillTo/Address/PostalAddress/City</td>
<td></td>
</tr>
<tr>
<td>PARTNER[PARTNRTYPE = 'BillTo']/ADDRESS/STATEPROVN</td>
<td>BillTo/Address/PostalAddress/State</td>
<td></td>
</tr>
<tr>
<td>PARTNER[PARTNRTYPE = 'BillTo']/ADDRESS/POSTALCODE</td>
<td>BillTo/Address/PostalAddress/Postal Code</td>
<td></td>
</tr>
<tr>
<td>PARTNER[PARTNRTYPE = 'BillTo']/ADDRESS/COUNTRY</td>
<td>BillTo/Address/PostalAddress/Country isoCountryCode =&gt;</td>
<td></td>
</tr>
<tr>
<td>PARTNER[PARTNRTYPE = 'BillTo']/CONTACT/EMAIL</td>
<td>BillTo/Address/Email</td>
<td></td>
</tr>
<tr>
<td>PARTNER[PARTNRTYPE = 'BillTo']/ADDRESS/COUNTRY</td>
<td>BillTo/Address/Phone/TelephoneNumber/&lt;CountryCode isoCountryCode=&gt;</td>
<td></td>
</tr>
<tr>
<td>PARTNER[PARTNRTYPE = 'BillTo']/ADDRESS/TELEPHONE</td>
<td>BillTo/Address/Phone/TelephoneNumber</td>
<td></td>
</tr>
<tr>
<td>PARTNER[PARTNRTYPE = 'BillTo']/ADDRESS/COUNTRY</td>
<td>BillTo/Address/Fax/TelephoneNumber/&lt;CountryCode isoCountryCode=&gt;</td>
<td></td>
</tr>
<tr>
<td>DATAAREA/CHANGE_PO/POHEADER/PARTNER[PARTNRTYPE = 'Carrier']</td>
<td>OrderRequestHeader/Shipping</td>
<td></td>
</tr>
<tr>
<td>POORDERHDR/PARTNER[PARTNRTYPE = 'Carrier']/NAME</td>
<td>&lt;Shipping trackingDomain=&gt;</td>
<td></td>
</tr>
<tr>
<td>POHEADER/OPERAMT/CURRENCY</td>
<td>Shipping/&lt;Money currency =&gt;</td>
<td></td>
</tr>
<tr>
<td>POORDERHDR/PARTNER[PARTNRTYPE = 'Carrier']/NAME</td>
<td>Shipping/&lt;Description xml:lang='en'&gt;</td>
<td></td>
</tr>
<tr>
<td>DATAAREA/CHANGE_PO/POHEADER/USERAREA/PCARDHDR</td>
<td>OrderRequestHeader/Payment/&lt;PCard&gt;</td>
<td></td>
</tr>
<tr>
<td>PCARDHDR/PCARDNUM</td>
<td>&lt;PCard number=&gt;</td>
<td></td>
</tr>
<tr>
<td>PCARDHDR/DATETIME</td>
<td>&lt;PCard expiration=&gt;</td>
<td></td>
</tr>
<tr>
<td>PCARDHDR/PCARDBRAND</td>
<td>Date is printed in standard cXML format</td>
<td></td>
</tr>
<tr>
<td>DATAAREA/CHANGE_PO/POHEADER/PARTNER[PARTNRTYPE = 'SoldTo']/CONTACT</td>
<td>OrderRequestHeader/&lt;Contact role='buyer'&gt;</td>
<td></td>
</tr>
<tr>
<td>PARTNER[PARTNRTYPE = 'SoldTo']/CONTACT/NAME</td>
<td>Contact/Name</td>
<td></td>
</tr>
<tr>
<td>PARTNER[PARTNRTYPE = 'SoldTo']/ADDRESS/ADDRLINE</td>
<td>Contact/PostalAddress/Street</td>
<td></td>
</tr>
<tr>
<td>PARTNER[PARTNRTYPE = 'SoldTo']/ADDRESS/CITY</td>
<td>Contact/PostalAddress/City</td>
<td></td>
</tr>
<tr>
<td>PARTNER[PARTNRTYPE = 'SoldTo']/ADDRESS/STATEPROVN</td>
<td>Contact/PostalAddress/State</td>
<td></td>
</tr>
<tr>
<td>PARTNER[PARTNRTYPE = 'SoldTo']/ADDRESS/POSTALCODE</td>
<td>Contact/PostalAddress/PostalCode</td>
<td></td>
</tr>
<tr>
<td>PARTNER[PARTNRTYPE = 'SoldTo']/ADDRESS/COUNTRY</td>
<td>Contact/PostalAddress/Country isoCountryCode =&gt;</td>
<td></td>
</tr>
<tr>
<td><strong>PARTNER[PARTNRTYPE = 'SoldTo']/CONTACT</strong></td>
<td><strong>Contact/PostalAddress/Country</strong></td>
<td></td>
</tr>
<tr>
<td><strong>PARTNER[PARTNRTYPE = 'SoldTo']/ADDRESS/COUNTRY</strong></td>
<td><strong>Contact/Phone/TelephoneNumber/Number</strong></td>
<td></td>
</tr>
<tr>
<td><strong>PARTNER[PARTNRTYPE = 'SoldTo']/CONTACT/TELEPHONE</strong></td>
<td><strong>Contact/Email</strong></td>
<td></td>
</tr>
<tr>
<td><strong>DATAAREA/CHANGE_PO/POHEADER/DESCRIPTION</strong></td>
<td><strong>OrderRequestHeader/Comments</strong></td>
<td></td>
</tr>
<tr>
<td><strong>DATAAREA/CHANGE_PO/POHEADER/ATTCHREF</strong></td>
<td><strong>For each ATTCHREF, Attachment repeats</strong></td>
<td></td>
</tr>
<tr>
<td><strong>POHEADER/ATTCHREF/URI</strong></td>
<td><strong>For each URI under ATTCHREF, cXML tag URL repeats under Attachment tag</strong></td>
<td></td>
</tr>
<tr>
<td><strong>POHEADER/ATTCHREF/FIENAME</strong></td>
<td><strong>For each FILENAME tag under ATTCHREF, cXML tag URL repeats with &quot;CID:&quot; concatenated to the filename.</strong></td>
<td></td>
</tr>
<tr>
<td><strong>DATAAREA/CHANGE_PO/POHEADER/ACKREQUEST</strong></td>
<td><strong>OrderRequestHeader/&lt;Extrinsic name=&quot;ACKREQD&quot;&gt;</strong></td>
<td></td>
</tr>
<tr>
<td><strong>DATAAREA/CHANGE_PO/POHEADER/USERAREA/DATETIME[@qualifier='APPREQ']</strong></td>
<td><strong>OrderRequestHeader/&lt;Extrinsic name=&quot;ACKBYDATE&quot;&gt;</strong></td>
<td></td>
</tr>
<tr>
<td><strong>DATAAREA/CHANGE_PO/POHEADER/USERAREA/TANDC</strong></td>
<td><strong>In ATTRIBUTEEx, x varies from 1 to 16</strong></td>
<td></td>
</tr>
<tr>
<td><strong>DATAAREA/CHANGE_PO/POHEADER/PORELEASE</strong></td>
<td><strong>OrderRequestHeader/&lt;Extrinsic name=&quot;RELEASENUM&quot;&gt;</strong></td>
<td></td>
</tr>
<tr>
<td><strong>DATAAREA/CHANGE_PO/POHEADER/USERAREA/DFFPOHEADER/ATTRIBUTEEx</strong></td>
<td><strong>OrderRequestHeader/&lt;Extrinsic name=&quot;ATTRIBUTEEx&quot;&gt;</strong></td>
<td></td>
</tr>
<tr>
<td><strong>DATAAREA/CHANGE_PO/POHEADER/&lt;NOTES index='X'&gt;</strong></td>
<td><strong>OrderRequestHeader/&lt;Extrinsic name=&quot;NOTES_X&quot;&gt;</strong></td>
<td></td>
</tr>
<tr>
<td><strong>DATAAREA/CHANGE_PO/POLINE/SCHEDULE</strong></td>
<td><strong>cXML/Request/OrderRequest/ItemOut</strong></td>
<td></td>
</tr>
<tr>
<td><strong>POLINE/SCHEDULE/PSCLINENUM</strong></td>
<td><strong>For each POLINESCHD, ItemOut tag repeats.</strong></td>
<td></td>
</tr>
<tr>
<td><strong>POLINE/POLINENUM</strong></td>
<td><strong>&lt;ItemOut lineNumber=&gt;</strong></td>
<td></td>
</tr>
<tr>
<td><strong>SCHEDULE/QUANTITY/VALUE</strong></td>
<td><strong>The OAG tag values of POLINENUM and PSCLINENUM are concatenated together by separating string as '0'.</strong></td>
<td></td>
</tr>
<tr>
<td><strong>SCHEDULE/QUANTITY/NUMOFDELETE</strong></td>
<td><strong>&lt;ItemOut quantity=&gt;</strong></td>
<td></td>
</tr>
<tr>
<td><strong>POLINE/ITEMX</strong></td>
<td><strong>This attribute appears only if POORDERHDR/POTYPE='RELEASE'.</strong></td>
<td></td>
</tr>
<tr>
<td><strong>SCHEDULE/DATETIME</strong></td>
<td><strong>&lt;ItemOut requestedDeliveryDate=&gt;</strong></td>
<td></td>
</tr>
<tr>
<td><strong>POLINE/ITEMX</strong></td>
<td><strong>Timestamp is printed in the cXML format.</strong></td>
<td></td>
</tr>
<tr>
<td><strong>POLINE/ITEMX</strong></td>
<td><strong>ItemOut/ItemID/SupplierPartID</strong></td>
<td></td>
</tr>
<tr>
<td><strong>POLINE/USERAREA/CONFIGID</strong></td>
<td><strong>ItemOut/ItemID/SupplierPartAuxiliaryID</strong></td>
<td></td>
</tr>
<tr>
<td><strong>POLINE/OPERAMT/CURRENCY</strong></td>
<td><strong>ItemOut/ItemDetail/UnitPrice/&lt;Money</strong></td>
<td></td>
</tr>
<tr>
<td>Tag</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>------------------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>POLINE/OPERAMT[@qualifier='UNIT' and @type='T']/VALUE</td>
<td>ItemOut/ItemDetail/UnitPrice/Money</td>
<td></td>
</tr>
<tr>
<td>POLINE/OPERAMT[@qualifier='UNIT' and @type='T']/NUMOFDEC</td>
<td>ItemOut/ItemDetail/UnitOfMeasure</td>
<td></td>
</tr>
<tr>
<td>POLINE/DESCRIPTION</td>
<td>ItemOut/ItemDetail/Description</td>
<td></td>
</tr>
<tr>
<td>POLINE/QUANTITY/UOM</td>
<td>ItemOut/ItemDetail/UnitOfMeasure</td>
<td></td>
</tr>
<tr>
<td>POLINE/POLINENUM</td>
<td>ItemOut/ItemDetail/LINEATTRIBUTEEx</td>
<td></td>
</tr>
<tr>
<td>SCHEDULE/PSCLINENUM</td>
<td>ItemOut/ItemDetail/SHIPMENTNUM</td>
<td></td>
</tr>
<tr>
<td>POLINE/ITEM</td>
<td>ItemOut/ItemDetail/LINEATTRIBUTEEx</td>
<td></td>
</tr>
<tr>
<td>POLINE/USERAREA/DFFILELINE/ATTRIBUTEx</td>
<td>ItemOut/ItemDetail/LINEATTRIBUTEEx</td>
<td></td>
</tr>
<tr>
<td>POLINE/SCHEDULE/USERAREA/DISTPROJECT/DDFDISTRIBUTN/ATTRIBUTEx</td>
<td>ItemOut/ItemDetail/ATTRIBUTEx</td>
<td></td>
</tr>
<tr>
<td>POLINE/&lt;NOTES index='X'&gt;</td>
<td>ItemOut/ItemDetail/NOTES_X</td>
<td></td>
</tr>
<tr>
<td>DATAAREA/CHANGE_PO/POHEADER/PARTNER[PARTNRTYPE = 'Supplier']/NAME</td>
<td>ItemOut/SupplierList/Supplier/&lt;Name xml:lang='en'&gt;</td>
<td></td>
</tr>
<tr>
<td>DATAAREA/CHANGE_PO/POORDERHDR/PARTNER[PARTNRTYPE = 'Supplier']/PARTNRID</td>
<td>ItemOut/SupplierList/Supplier/&lt;SupplierID domain =&gt;</td>
<td></td>
</tr>
<tr>
<td>DATAAREA/CHANGE_PO/POORDERHDR/PARTNER[PARTNRTYPE = 'Supplier']/CONTACT/NAME</td>
<td>ItemOut/SupplierList/Supplier/SupplierLocation/OrderMethods/Contact/Name</td>
<td></td>
</tr>
<tr>
<td>DATAAREA/CHANGE_PO/POORDERHDR/PARTNER[PARTNRTYPE = 'Supplier']/CONTACT/EMAIL</td>
<td>ItemOut/SupplierList/Supplier/SupplierLocation/OrderMethods/Contact/E mail</td>
<td></td>
</tr>
<tr>
<td>DATAAREA/CHANGE_PO/POORDERHDR/PARTNER[PARTNRTYPE = 'Supplier']/ADDRESS/COUNTRY</td>
<td>ItemOut/SupplierList/Supplier/SupplierLocation/OrderMethods/Contact/Phone/TelephoneNumber/&lt;CountryCode isoCountryCode =&gt;</td>
<td></td>
</tr>
<tr>
<td>DATAAREA/CHANGE_PO/POORDERHDR/PARTNER[PARTNRTYPE = 'Supplier']/CONTACT/TELEPHONE</td>
<td>ItemOut/SupplierList/Supplier/SupplierLocation/OrderMethods/Contact/Phone/TelephoneNumber/Number</td>
<td></td>
</tr>
<tr>
<td>POLINE/OPERAMT/CURRENCY</td>
<td>ItemOut/Tax/&lt;Money currency=&gt;</td>
<td></td>
</tr>
<tr>
<td>POLINE/SCHEDULE/USERAREA/TAXABLE</td>
<td>ItemOut/Tax/&lt;TaxDetail category =&gt;</td>
<td></td>
</tr>
<tr>
<td>POLINE/SCHEDULE/USERAREA/TAXCODE</td>
<td>ItemOut/Tax/&lt;TaxDetail purpose =&gt;</td>
<td></td>
</tr>
<tr>
<td>POLINE/OPERAMT/CURRENCY</td>
<td>ItemOut/Tax/TaxDetail/TaxAmount/ &lt;Money currency =&gt;</td>
<td></td>
</tr>
<tr>
<td>POLINE/ATTCHREF/URI</td>
<td>ItemOut/Comments/Attachment/URL</td>
<td></td>
</tr>
</tbody>
</table>

**Table Notes:**
- For each URI under ATTCHREF, cXML tag URL repeats under Attachment tag.
- If TAXABLE tag value is N, then category value is 'Non-Taxable'. Else category takes 'Taxable'.
- ATTRIBUTE1 to ATTRIBUTE16 are mapped to corresponding Extrinsic cXML tags.
- LINEATTRIBUTE1 to LINEATTRIBUTE16 are mapped to corresponding Extrinsic cXML tags.
- The attribute index of OAG tag NOTES gets concatenated to "NOTES_". Also, Extrinsic tag repeats for every OAG NOTES tag.
- Attribute domain is hardcoded to DUMMY.
| 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.

<table>
<thead>
<tr>
<th>OAGIISSHIPMENT_005</th>
<th>Required?</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;CNTROLAREA&gt;</td>
<td></td>
<td>The fields included in this area provide information about the XML document:</td>
</tr>
<tr>
<td>&lt;BSR&gt;</td>
<td>Required</td>
<td>Shows the Business Service Request name per OAGI:</td>
</tr>
<tr>
<td>&lt;VERB value=&quot;SHOW&quot;&gt;</td>
<td>Required</td>
<td>Value is “SHOW”.</td>
</tr>
<tr>
<td>&lt;NOUN value=&quot;SHIPMENT&quot;&gt;</td>
<td>Required</td>
<td>Value is “SHIPMENT”.</td>
</tr>
<tr>
<td>&lt;REVISION value=&quot;005&quot;&gt;</td>
<td>Required</td>
<td>Value is “007”</td>
</tr>
<tr>
<td>&lt;SENDER&gt;</td>
<td>Required</td>
<td>Provides information on the system that sends the document:</td>
</tr>
<tr>
<td>&lt;LOGICALID&gt;</td>
<td>Required</td>
<td>Sender system identifier.</td>
</tr>
<tr>
<td>&lt;COMPONENT&gt;</td>
<td>Required</td>
<td>Sender application name. Value is “OSN”.</td>
</tr>
<tr>
<td>&lt;TASK&gt;</td>
<td>Required</td>
<td>Event or Action. Value is SHOW.</td>
</tr>
<tr>
<td>&lt;REFERENCEDID&gt;</td>
<td>Required</td>
<td>Unique reference ID for this document.</td>
</tr>
<tr>
<td>&lt;CONFIRMATION&gt;</td>
<td>Required</td>
<td>Confirmation when document is received. Value is 0, meaning none is required.</td>
</tr>
<tr>
<td>&lt;LANGUAGE&gt;</td>
<td>Required</td>
<td>Language in which the text fields are transmitted.</td>
</tr>
<tr>
<td>&lt;CODEPAGE&gt;</td>
<td>Required</td>
<td>Character set used in this XML document.</td>
</tr>
<tr>
<td>&lt;AUTHID&gt;</td>
<td>Required</td>
<td>System ID of sender. Value is APPS.</td>
</tr>
<tr>
<td>&lt;DATETIME (CREATION)&gt;</td>
<td>Required</td>
<td>Creation date and time of the XML document.</td>
</tr>
<tr>
<td>&lt;DATAAREA&gt;</td>
<td>Required</td>
<td>The fields included in this area provide information about the data included in the XML document.</td>
</tr>
<tr>
<td>&lt;SHOW_SHIPMENT&gt;</td>
<td>Required</td>
<td>This element contains general information for the goods being transported from the supplier to the buyer. Include only one SHIPMENT per XML transaction.</td>
</tr>
<tr>
<td>&lt;DATETIME (DOCUMENT) &gt;</td>
<td>Optional</td>
<td></td>
</tr>
<tr>
<td>&lt;DATETIME (SHIP) &gt;</td>
<td>Optional</td>
<td>Date the shipment was shipped. Must be earlier than or equal to today’s date and the expected receipt date.</td>
</tr>
<tr>
<td>&lt;DATETIME (DELIVSCHED) &gt;</td>
<td>Optional</td>
<td>Expected arrival date of the shipment. Note: It must be later than DATETIME(SHIP).</td>
</tr>
<tr>
<td>&lt;DOCUMENTID&gt;</td>
<td>Optional</td>
<td>Unique shipment number from the supplier. The number needs to be unique for a given supplier, supplier site, and ship-to organization.</td>
</tr>
<tr>
<td>&lt;NOTES1 - NOTES9&gt;</td>
<td>Optional</td>
<td>Notes or comments.</td>
</tr>
<tr>
<td>&lt;USERAREA&gt;</td>
<td>Optional</td>
<td></td>
</tr>
<tr>
<td>OAGISSHOW_SHIPMENT_005</td>
<td>Required?</td>
<td>Description</td>
</tr>
<tr>
<td>------------------------</td>
<td>-----------</td>
<td>-------------</td>
</tr>
<tr>
<td><code>&lt;CARRIERCODE&gt;</code></td>
<td>Required</td>
<td>Carrier responsible for the shipment.</td>
</tr>
<tr>
<td><code>&lt;CARRIERMETHOD&gt;</code></td>
<td>Required</td>
<td>Carrier transportation method code.</td>
</tr>
<tr>
<td><code>&lt;CARRIEREQUIP&gt;</code></td>
<td>Optional</td>
<td>Carrier equipment description code.</td>
</tr>
<tr>
<td><code>&lt;HAZARDCODE&gt;</code></td>
<td>Optional</td>
<td>Hazardous material qualifier code of the shipment.</td>
</tr>
<tr>
<td><code>&lt;HAZARDDESC&gt;</code></td>
<td>Optional</td>
<td>Hazardous material description.</td>
</tr>
<tr>
<td><code>&lt;PARTNER&gt;– ShipFrom</code></td>
<td>Optional</td>
<td>This element provides general business information about the supplier shipping the items. Include only one ShipFrom partner per XML transaction.</td>
</tr>
<tr>
<td><code>&lt;PARTNRID&gt;</code></td>
<td>Optional</td>
<td>Required by OAGI, but not used by Purchasing.</td>
</tr>
<tr>
<td><code>&lt;PARTNRTYPE&gt;</code></td>
<td>Required</td>
<td>Required by OAGI, but not used by Purchasing.</td>
</tr>
<tr>
<td><code>&lt;PARTNRIDX&gt;</code></td>
<td>Required</td>
<td>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.</td>
</tr>
<tr>
<td><code>&lt;PARTNER &gt;– ShipTo</code></td>
<td>Required</td>
<td>This element provides general business information about the location receiving the items. Include only one ShipTo partner per XML transaction.</td>
</tr>
<tr>
<td><code>&lt;PARTNRID&gt;</code></td>
<td>Required</td>
<td>Required by OAGI, but not used by Purchasing.</td>
</tr>
<tr>
<td><code>&lt;PARTNRTYPE&gt;</code></td>
<td>Required</td>
<td>Required by OAGI, but not used by Purchasing.</td>
</tr>
<tr>
<td><code>&lt;PARTNRIDX&gt;</code></td>
<td>Optional</td>
<td>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.)</td>
</tr>
<tr>
<td><code>&lt;DOCUMNTREF&gt;– PackingSlip</code></td>
<td>Required</td>
<td></td>
</tr>
<tr>
<td><code>&lt;DOCTYPE&gt;</code></td>
<td>Optional</td>
<td>Not used by Purchasing. Enter “PackingSlip”.</td>
</tr>
<tr>
<td><code>&lt;DOCUMENTID&gt;</code></td>
<td>Optional</td>
<td>Packing slip number.</td>
</tr>
<tr>
<td><code>&lt;PARTNRID&gt;</code></td>
<td>Optional</td>
<td>Not used by Purchasing.</td>
</tr>
<tr>
<td><code>&lt;PARTNRTYPE&gt;</code></td>
<td>Optional</td>
<td>Not used by Purchasing.</td>
</tr>
<tr>
<td><code>&lt;DOCUMNTREF&gt;– WaybillAirbill</code></td>
<td>Optional</td>
<td></td>
</tr>
<tr>
<td><code>&lt;DOCTYPE&gt;</code></td>
<td>Optional</td>
<td>Not used by Purchasing. Enter “WaybillAirbill”.</td>
</tr>
<tr>
<td><code>&lt;DOCUMENTID&gt;</code></td>
<td>Optional</td>
<td>Waybill or airbill number.</td>
</tr>
<tr>
<td><code>&lt;PARTNRID&gt;</code></td>
<td>Optional</td>
<td>Not used by Purchasing.</td>
</tr>
<tr>
<td><code>&lt;PARTNRTYPE&gt;</code></td>
<td>Optional</td>
<td>Not used by Purchasing.</td>
</tr>
<tr>
<td><code>&lt;SHIPITEM&gt;</code></td>
<td>Optional</td>
<td>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.</td>
</tr>
<tr>
<td><code>&lt;QUANTITY (ITEM) &gt;</code></td>
<td>Optional</td>
<td>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.</td>
</tr>
<tr>
<td>OAGISSHOW_SHIPMENT_005</td>
<td>Required?</td>
<td>Description</td>
</tr>
<tr>
<td>------------------------</td>
<td>-----------</td>
<td>-------------</td>
</tr>
<tr>
<td>&lt;ITEM&gt;</td>
<td>Optional</td>
<td>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.</td>
</tr>
<tr>
<td>&lt;ITEMX&gt;</td>
<td>Required</td>
<td>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.</td>
</tr>
<tr>
<td>&lt;DOCUMNTREF&gt; - PurchaseOrder</td>
<td>Optional</td>
<td>The PurchaseOrder DOCUMNTREF is used only at the SHIPITEM level. Include only one PurchaseOrder DOCUMNTREF element per SHIPITEM element.</td>
</tr>
<tr>
<td>&lt;DOCTYPE&gt;</td>
<td>Required</td>
<td>Required by OAGI, but not used by Purchasing. Enter PurchaseOrder.</td>
</tr>
<tr>
<td>&lt;DOCUMNTID&gt;</td>
<td>Required</td>
<td>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).</td>
</tr>
<tr>
<td>&lt;PARTNRID&gt;</td>
<td>Required</td>
<td>Required by OAGI, but not used by Purchasing.</td>
</tr>
<tr>
<td>&lt;PARTNRTYPE&gt;</td>
<td>Required</td>
<td>Required by OAGI, but not used by Purchasing.</td>
</tr>
<tr>
<td>&lt;LINENUM&gt;</td>
<td>Required</td>
<td>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.</td>
</tr>
<tr>
<td>&lt;SCHLINENUM&gt;</td>
<td>Required</td>
<td>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.</td>
</tr>
</tbody>
</table>

**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](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.

<table>
<thead>
<tr>
<th>cXML ShipNoticeRequest Field</th>
<th>OAG Show Shipment Field</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;Request&gt;</td>
<td></td>
</tr>
<tr>
<td>&lt;ShipNoticeRequest&gt;</td>
<td></td>
</tr>
<tr>
<td>&lt;ShipNoticeHeader&gt;</td>
<td></td>
</tr>
<tr>
<td>&lt;ShipNoticeHeader shipmentID&gt;</td>
<td>SHIPMENT. DOCUMENTID</td>
</tr>
<tr>
<td>&lt;ShipNoticeHeader noticeDate&gt;</td>
<td>SHIPMENT. DATETIME (DOCUMENT)</td>
</tr>
<tr>
<td>&lt;ShipNoticeHeader shipmentDate&gt;</td>
<td>SHIPMENT. DATETIME (SHIP)</td>
</tr>
<tr>
<td>&lt;ShipNoticeHeader deliveryDate&gt;</td>
<td>SHIPMENT. DATETIME (DELIVSCHED)</td>
</tr>
<tr>
<td><strong>cXML ShipNoticeRequest Field</strong></td>
<td><strong>OAG Show Shipment Field</strong></td>
</tr>
<tr>
<td>---------------------------------</td>
<td>-----------------------------</td>
</tr>
<tr>
<td><code>&lt;Contact role=“shipFrom” addressID= &gt;</code></td>
<td>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.)</td>
</tr>
<tr>
<td><code>&lt;Name xml:lang=&gt;</code></td>
<td>SHIPMENT. PARTNER. NAME where PARTNRTYPE=“ShipFrom”</td>
</tr>
<tr>
<td><code>&lt;PostalAddress&gt;</code></td>
<td>SHIPMENT. PARTNER. ADDRESS where PARTNRTYPE=“ShipFrom”</td>
</tr>
<tr>
<td><code>&lt;Street&gt;</code></td>
<td>SHIPMENT. PARTNER. ADDRESS. ADDRLINE where PARTNRTYPE=“ShipFrom”</td>
</tr>
<tr>
<td><code>&lt;City&gt;</code></td>
<td>SHIPMENT. PARTNER. ADDRESS. CITY where PARTNRTYPE=“ShipFrom”</td>
</tr>
<tr>
<td><code>&lt;State&gt;</code></td>
<td>SHIPMENT. PARTNER. ADDRESS. REGION where PARTNRTYPE=“ShipFrom”</td>
</tr>
<tr>
<td><code>&lt;PostalCode&gt;</code></td>
<td>SHIPMENT. PARTNER. ADDRESS. POSTALCODE where PARTNRTYPE=“ShipFrom”</td>
</tr>
<tr>
<td><code>&lt;Country isoCountryCode=</code> &gt;</td>
<td>SHIPMENT. PARTNER. ADDRESS. COUNTRY where PARTNRTYPE=“ShipFrom”</td>
</tr>
<tr>
<td><code>&lt;Phone&gt;</code></td>
<td>SHIPMENT. PARTNER. ADDRESS. TELEPHONE where PARTNRTYPE=“ShipFrom”</td>
</tr>
<tr>
<td><code>&lt;TelephoneNumber&gt;</code></td>
<td>SHIPMENT. PARTNER. ADDRESS. TELEPHONE where PARTNRTYPE=“ShipFrom”</td>
</tr>
<tr>
<td><code>&lt;CountryCode isoCountryCode= &gt;</code></td>
<td>SHIPMENT. PARTNER. ADDRESS. COUNTRY where PARTNRTYPE=“ShipFrom”</td>
</tr>
<tr>
<td><code>&lt;Contact role=“shipTo” addressID=&gt;</code></td>
<td>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.)</td>
</tr>
<tr>
<td><code>&lt;Name xml:lang=&gt;</code></td>
<td>SHIPMENT. PARTNER. NAME where PARTNRTYPE=“ShipTo”</td>
</tr>
<tr>
<td><code>&lt;PostalAddress&gt;</code></td>
<td>SHIPMENT. PARTNER. ADDRESS where PARTNRTYPE=“ShipTo”</td>
</tr>
<tr>
<td><code>&lt;Street&gt;</code></td>
<td>SHIPMENT. PARTNER. ADDRESS. ADDRLINE where PARTNRTYPE=“ShipTo”</td>
</tr>
<tr>
<td><code>&lt;City&gt;</code></td>
<td>SHIPMENT. PARTNER. ADDRESS. CITY where PARTNRTYPE=“ShipTo”</td>
</tr>
<tr>
<td><code>&lt;State&gt;</code></td>
<td>SHIPMENT. PARTNER. ADDRESS. REGION where PARTNRTYPE=“ShipTo”</td>
</tr>
<tr>
<td><code>&lt;PostalCode&gt;</code></td>
<td>SHIPMENT. PARTNER. ADDRESS. POSTALCODE where PARTNRTYPE=“ShipTo”</td>
</tr>
<tr>
<td><code>&lt;Country isoCountryCode= &gt;</code></td>
<td>SHIPMENT. PARTNER. ADDRESS. COUNTRY where PARTNRTYPE=“ShipTo”</td>
</tr>
<tr>
<td><code>&lt;Phone&gt;</code></td>
<td>Not mapped.</td>
</tr>
<tr>
<td><code>&lt;TelephoneNumber&gt;</code></td>
<td>Not mapped.</td>
</tr>
<tr>
<td><code>&lt;CountryCode isoCountryCode= &gt;</code></td>
<td>SHIPMENT. PARTNER. ADDRESS. COUNTRY where PARTNRTYPE=“ShipTo”</td>
</tr>
<tr>
<td><code>&lt;AreaOrCityCode&gt;</code></td>
<td>Not mapped.</td>
</tr>
<tr>
<td><code>&lt;Number&gt;</code></td>
<td>SHIPMENT. PARTNER. ADDRESS. TELEPHONE where PARTNRTYPE=“ShipTo”</td>
</tr>
<tr>
<td><code>&lt;Description xml:lang=&gt;</code></td>
<td>SHIPMENT. USERAREA. HAZARDDESC where PARTNRTYPE=“ShipTo”</td>
</tr>
<tr>
<td><code>&lt;Comments xml:lang=&gt;</code></td>
<td>SHIPMENT. NOTES</td>
</tr>
<tr>
<td><code>&lt;ShipControl&gt;</code></td>
<td>SHIPMENT. USERAREA. CARRIERCODE</td>
</tr>
<tr>
<td>cXML ShipNoticeRequest Field</td>
<td>OAG Show Shipment Field</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>-------------------------</td>
</tr>
<tr>
<td>&lt;ShipmentIdentifier&gt;</td>
<td>SHIPMENT. DOCUMNTREF. DOCUMENTID</td>
</tr>
<tr>
<td>&lt;ShipNoticePortion&gt;</td>
<td></td>
</tr>
<tr>
<td>&lt;OrderReference orderID= &gt;</td>
<td>SHIPITEM. DOCUMNTREF where DOCTYPE=“PurchaseOrder” DOCUMENTID</td>
</tr>
<tr>
<td>&lt;Comments xml:lang= &gt;</td>
<td>SHIPITEM. NOTES</td>
</tr>
<tr>
<td>&lt;ShipNoticeItem quantity= &gt;</td>
<td>SHIPITEM. QUANTITY (ITEM). VALUE</td>
</tr>
<tr>
<td>&lt;ShipNoticeItem lineNumber= &gt;</td>
<td>SHIPITEM. DOCUMNTREF where DOCTYPE=“PurchaseOrder” LINENUM</td>
</tr>
<tr>
<td>&lt;UnitOfMeasure&gt;</td>
<td>SHIPITEM. QUANTITY (ITEM). UOM</td>
</tr>
<tr>
<td>&lt;Extrinsic name=”supplierPartNum”&gt;</td>
<td>SHIPITEM. ITEM</td>
</tr>
<tr>
<td>&lt;Extrinsic name=”buyerPartNum”&gt;</td>
<td>SHIPITEM. ITEMX</td>
</tr>
<tr>
<td>&lt;Extrinsic name=”shipmentNum”&gt;</td>
<td>SHIPITEM. DOCUMNTREF where DOCTYPE=“PurchaseOrder” SCHLINENUM</td>
</tr>
</tbody>
</table>
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.

<table>
<thead>
<tr>
<th>OAGISPROCESS_INVOICE_002</th>
<th>Required?</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;CNTROAREA&gt;</td>
<td>Required</td>
<td>The fields include in this area provide information about the XML Document:</td>
</tr>
<tr>
<td>&lt;BSR&gt;</td>
<td>Required</td>
<td>Shows the Business Service Request name per OAGI:</td>
</tr>
<tr>
<td>&lt;VERB value=&quot;PROCESS&quot;&gt;</td>
<td>Required</td>
<td>Value is “PROCESS”</td>
</tr>
<tr>
<td>&lt;NOUN value=&quot;INVOICE&quot;&gt;</td>
<td>Required</td>
<td>Value is “INVOICE”</td>
</tr>
<tr>
<td>&lt;REVISION value=&quot;002&quot;&gt;</td>
<td>Required</td>
<td>Value is “002”</td>
</tr>
<tr>
<td>&lt;SENDER&gt;</td>
<td>Required</td>
<td>Provides information on the system that sends the document:</td>
</tr>
<tr>
<td>&lt;LOGICALID&gt;</td>
<td>Required</td>
<td>Sender system identifier.</td>
</tr>
<tr>
<td>&lt;COMPONENT&gt;</td>
<td>Required</td>
<td>Sender application name. Value is “INVOICE”.</td>
</tr>
<tr>
<td>&lt;TASK&gt;</td>
<td>Required</td>
<td>Event or Action. Value is “PROCESS”</td>
</tr>
<tr>
<td>&lt;REFERENCEID&gt;</td>
<td>Required</td>
<td>Unique reference ID for this document.</td>
</tr>
<tr>
<td>&lt;CONFIRMATION&gt;</td>
<td>Required</td>
<td>Confirmation when document is received. Value is 0, meaning none is required.</td>
</tr>
<tr>
<td>&lt;LANGUAGE&gt;</td>
<td>Required</td>
<td>Language in which the text fields are transmitted.</td>
</tr>
<tr>
<td>&lt;CODEPAGE&gt;</td>
<td>Required</td>
<td>Character set used in this XML document.</td>
</tr>
<tr>
<td>&lt;AUTHID&gt;</td>
<td>Required</td>
<td>System ID of sender.</td>
</tr>
<tr>
<td>&lt;DATETIME (CREATION)&gt;</td>
<td>Required</td>
<td>Creation date and time of the XML document.</td>
</tr>
<tr>
<td>&lt;DATAAREA&gt;</td>
<td>Required</td>
<td>The fields included in this area provide information about the data included in the XML document.</td>
</tr>
<tr>
<td>&lt;PROCESS_INVOICE&gt;</td>
<td>Required</td>
<td>This data type provides header-level invoice information. One invoice header data type is required per document.</td>
</tr>
<tr>
<td>&lt;INVHEADER&gt;</td>
<td>Required</td>
<td>This segment is the control total of the debit amounts within the journal entry using transaction currency monetary amounts</td>
</tr>
<tr>
<td>&lt;AMOUNT (DOCUMENT)&gt;</td>
<td>Required</td>
<td>Timestamp for invoice creation.</td>
</tr>
<tr>
<td>OAGIS_PROCESS_INVOICE_002</td>
<td>Required?</td>
<td>Description</td>
</tr>
<tr>
<td>--------------------------</td>
<td>-----------</td>
<td>-------------</td>
</tr>
<tr>
<td>&lt;DOCUMENTID&gt;</td>
<td>Required</td>
<td>A general identifier of a document number, for this document it contains the supplier’s invoice number.</td>
</tr>
<tr>
<td>&lt;DESCRIPTN&gt;</td>
<td>Optional</td>
<td>Description for the invoice header.</td>
</tr>
<tr>
<td>&lt;DOCTYPE&gt;</td>
<td>Optional</td>
<td>DOCTYPE is a classification of the document or business transaction.</td>
</tr>
<tr>
<td>&lt;PARTNER&gt;</td>
<td>Optional</td>
<td>This data type provides information about the trading partner.</td>
</tr>
<tr>
<td>&lt;NAME index=&quot;1&quot;&gt;</td>
<td>Required</td>
<td>Name of the trading partner.</td>
</tr>
<tr>
<td>&lt;ONETIME&gt;</td>
<td>Required</td>
<td>Indicator of whether this partner is established for this transaction only.</td>
</tr>
<tr>
<td>&lt;PARTNRID&gt;</td>
<td>Optional</td>
<td>Unique identifier for the partner in Oracle Applications.</td>
</tr>
<tr>
<td>&lt;PARTNRTYPE&gt;</td>
<td>Optional</td>
<td>Type of partner. Value is Supplier.</td>
</tr>
<tr>
<td>&lt;INVCHARGE&gt;</td>
<td>Optional</td>
<td>This data type provides a summarization of the charge amounts across all INVLINES.</td>
</tr>
<tr>
<td>&lt;AMOUNT (EXTENDED)&gt;</td>
<td>Required</td>
<td>This segment is the total of the item amount multiplied by the number of items.</td>
</tr>
<tr>
<td>&lt;CHARGETYPE&gt;</td>
<td>Optional</td>
<td>Identifies the type charge applied to an item or document line item.</td>
</tr>
<tr>
<td>&lt;DESCRIPTN&gt;</td>
<td>Optional</td>
<td>A free-form description of the transaction or any portion of the transaction.</td>
</tr>
<tr>
<td>&lt;LINENUM&gt;</td>
<td>Optional</td>
<td>Line number of the Invoice this charge pertains to.</td>
</tr>
<tr>
<td>&lt;INVLINE&gt;</td>
<td>Optional</td>
<td>Represents the detail lines of the invoice.</td>
</tr>
<tr>
<td>&lt;AMOUNT (EXTENDED)&gt;</td>
<td>Required</td>
<td>Represents the total for the invoice line. It’s the quantity being invoiced times the unit price, including tax.</td>
</tr>
<tr>
<td>&lt;OPERAMT (UNIT)&gt;</td>
<td>Optional</td>
<td>The unit price or cost of the item being billed on this invoice.</td>
</tr>
<tr>
<td>&lt;QUANTITY (UNIT)&gt;</td>
<td>Optional</td>
<td>The quantity of the item being billed on this invoice.</td>
</tr>
<tr>
<td>&lt;LINENUM&gt;</td>
<td>Required</td>
<td>Represents the invoice line number.</td>
</tr>
<tr>
<td>&lt;DESCRIPTN&gt;</td>
<td>Optional</td>
<td>A free-form description of the transaction or any portion of the transaction.</td>
</tr>
<tr>
<td>&lt;ITEM&gt;</td>
<td>Optional</td>
<td>The supplier’s identifier of the product being invoiced.</td>
</tr>
<tr>
<td>&lt;ITEMX&gt;</td>
<td>Optional</td>
<td>The buyer’s identifier of the product being invoiced.</td>
</tr>
<tr>
<td>&lt;DOCUMNTREF&gt;</td>
<td>Optional</td>
<td>The information required to reference a business partner document or document component that pertains to the invoice line.</td>
</tr>
<tr>
<td>&lt;DOCTYPE&gt;</td>
<td>Required</td>
<td>Represents the classification of the business document. Value is “PurchaseOrder”</td>
</tr>
<tr>
<td>&lt;DOCUMENTID&gt;</td>
<td>Required</td>
<td>Document number identifier.</td>
</tr>
<tr>
<td>&lt;PARTNRID&gt;</td>
<td>Required</td>
<td>Identifier of the partner that the PARTNRTYPE defines.</td>
</tr>
<tr>
<td>&lt;PARTNRTYPE&gt;</td>
<td>Required</td>
<td>Identifies the type of partner entity. Value is</td>
</tr>
</tbody>
</table>
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](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 eXML InvoiceDetailRequest sample payloads in the Appendices for transformation examples.

<table>
<thead>
<tr>
<th>cXML Invoice Detail Field</th>
<th>OAG XML Field</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>&lt;InvoiceDetailRequest&gt;</code></td>
<td></td>
<td></td>
</tr>
<tr>
<td><code>&lt;InvoiceDetailRequestHeader invoiceID&gt;</code></td>
<td>INVHEADER.DOCUMENTID</td>
<td></td>
</tr>
<tr>
<td><code>&lt;InvoiceDetailRequestHeader invoiceDate</code></td>
<td>INVHEADER.DATETIME (DOCUMENT)</td>
<td></td>
</tr>
<tr>
<td><code>&lt;InvoiceDetailHeaderIndicator&gt;</code></td>
<td>No OAG Field</td>
<td></td>
</tr>
<tr>
<td><code>&lt;InvoiceDetailLineIndicator isTaxInLine= isShippingInLine= isAccountingInLine=&gt;</code></td>
<td>No OAG Field</td>
<td></td>
</tr>
<tr>
<td><code>&lt;InvoicePartner&gt;</code></td>
<td></td>
<td></td>
</tr>
<tr>
<td><code>&lt;Contact role=&quot;remitTo&quot; addressID&gt;</code></td>
<td>INVHEADER.PARTNER. PARTNRID where PARTNRTYPE = “Supplier”</td>
<td></td>
</tr>
<tr>
<td><code>&lt;Name xml:lang&gt;</code></td>
<td>INVHEADER.PARTNER. NAME where PARTNRTYPE = “Supplier”</td>
<td></td>
</tr>
<tr>
<td><code>&lt;DeliverTo&gt;</code></td>
<td>INVHEADER.PARTNER. CONTACT. NAME where PARTNRTYPE = “Supplier”</td>
<td></td>
</tr>
<tr>
<td><code>&lt;InvoiceDetailOrder&gt;</code></td>
<td></td>
<td></td>
</tr>
<tr>
<td><code>&lt;InvoiceDetailOrderInfo&gt;</code></td>
<td></td>
<td></td>
</tr>
<tr>
<td><code>&lt;OrderIDInfo orderID&gt;</code></td>
<td>INVLINE.DOCUMNTREF. DOCUMENTID where DOCTYPE=&quot;PurchaseOrder”</td>
<td>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 <code>&lt;OrderReference orderID=&gt;</code> The OrderReference or OrderIDInfo must be present for processing.</td>
</tr>
<tr>
<td><code>&lt;InvoiceDetailItem quantity&gt;</code></td>
<td>INVLINE. QUANTITY (ITEM). VALUE</td>
<td></td>
</tr>
<tr>
<td><code>&lt;InvoiceDetailItem invoiceLineNumber&gt;</code></td>
<td>INVLINE. LINENUM</td>
<td></td>
</tr>
<tr>
<td><code>&lt;UnitOfMeasure&gt;</code></td>
<td>INVLINE. OPERAMT (UNIT). UOM and for INVLINE. QUANTITY (ITEM) UOM and for INVLINE. UNIT</td>
<td></td>
</tr>
<tr>
<td><code>&lt;UnitPrice&gt;</code></td>
<td>INVLINE. OPERAMT (UNIT)</td>
<td></td>
</tr>
<tr>
<td>Tag</td>
<td>Description</td>
<td>Notes</td>
</tr>
<tr>
<td>----------------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>----------------------------------------------------------------------</td>
</tr>
<tr>
<td>Money currency=</td>
<td>INVLINE. OPERAMT (UNIT) VALUE</td>
<td>OAG CURRENCY maps from the currency attribute value.</td>
</tr>
<tr>
<td>Tax</td>
<td>INVLINE. INVTAX</td>
<td></td>
</tr>
<tr>
<td>Money currency=</td>
<td>INVLINE. INVTAX. AMOUNT (TAX). VALUE</td>
<td>OAG CURRENCY maps from the currency attribute value.</td>
</tr>
<tr>
<td>Description xml:lang=</td>
<td>INVLINE. INVTAX. DESCRPTN</td>
<td></td>
</tr>
<tr>
<td>TaxDetail percentageRate=</td>
<td>INVLINE. INVTAX. QUANTITY (PERCENT)</td>
<td>Mapped only if TaxDetail elements are present in payload.</td>
</tr>
<tr>
<td>TaxableAmount</td>
<td>INVLINE. INVTAX. AMOUNT (TAXBASE)</td>
<td></td>
</tr>
<tr>
<td>Money currency=</td>
<td>INVLINE. INVTAX. AMOUNT (TAXBASE). VALUE</td>
<td>OAG CURRENCY maps from the currency attribute value.</td>
</tr>
<tr>
<td>InvoiceDetailItemReference lineNumber=</td>
<td>INVLINE. DOCUMTREF. LINENUM where DOCTYPE=&quot;PurchaseOrder&quot;</td>
<td></td>
</tr>
<tr>
<td>ItemID=</td>
<td>INVLINE. ITEMX</td>
<td></td>
</tr>
<tr>
<td>SupplierPartID</td>
<td>INVLINE. DESCRPTN</td>
<td></td>
</tr>
<tr>
<td>NetAmount</td>
<td>INVLINE. AMOUNT (EXTENDED)</td>
<td></td>
</tr>
<tr>
<td>Money currency=</td>
<td>INVLINE. AMOUNT. (EXTENDED). VALUE</td>
<td>OAG CURRENCY maps from the currency attribute value.</td>
</tr>
<tr>
<td>InvoiceDetailSummary=</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SubtotalAmount</td>
<td>No OAG Field</td>
<td></td>
</tr>
<tr>
<td>Money currency=</td>
<td>No OAG Field</td>
<td></td>
</tr>
<tr>
<td>Tax</td>
<td>No OAG Field</td>
<td></td>
</tr>
<tr>
<td>Money currency=</td>
<td>No OAG Field</td>
<td></td>
</tr>
<tr>
<td>Description xml:lang=</td>
<td>No OAG Field</td>
<td></td>
</tr>
<tr>
<td>SpecialHandlingAmount=</td>
<td>INVCHARGE where CHARGETYPE = FREIGHT</td>
<td></td>
</tr>
<tr>
<td>Money currency=</td>
<td>INVCHARGE. AMOUNT (EXTENDED)</td>
<td>OAG CURRENCY maps from the currency attribute value.</td>
</tr>
<tr>
<td>ShippingAmount</td>
<td>INVCHARGE where CHARGETYPE = “MISCELLENOUS”</td>
<td></td>
</tr>
<tr>
<td>Money currency=</td>
<td>INVCHARGE. AMOUNT (EXTENDED)</td>
<td>OAG CURRENCY maps from the currency attribute value.</td>
</tr>
<tr>
<td>NetAmount</td>
<td>INVHEADER. AMOUNT (DOCUMENT)</td>
<td></td>
</tr>
<tr>
<td>Money currency=</td>
<td>INVHEADER. AMOUNT (DOCUMENT). VALUE</td>
<td>OAG CURRENCY maps from the currency attribute value.</td>
</tr>
</tbody>
</table>

In the event the cXML DueAmount element is not present, the value is then taken from NetAmount.
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>48</MINUTE>
      <SECOND>52</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>
      </POORDERHDR>
    </PROCESS_PO>
  </DATAAREA>
</PROCESS_PO_007>
```

<table>
<thead>
<tr>
<th>Tag</th>
<th>Description</th>
<th>Extra Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;DueAmount&gt;</td>
<td>INVHEADER.AMOUNT</td>
<td>(DOCUMENT)</td>
</tr>
<tr>
<td>&lt;Money currency=&gt;</td>
<td>INVHEADER.AMOUNT</td>
<td>AMOUNT(DOCUMENT), VALUE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OAG CURRENCY maps from the currency attribute value.</td>
</tr>
</tbody>
</table>
<PARTNRID>204</PARTNRID>
<PARTNRTYPE>BillTo</PARTNRTYPE>
<CURRENCY/>
<DUNSNUMBER/>
<PARTNRIDX/>
<PAYMETHOD/>
<TERMID/>
<USERAREA/>
<ADDRESS>
  <ADDRLINE index="1">90 Fifth Avenue</ADDRLINE>
  <ADDRLINE index="2"/>
    <ADDRTYPE/>
    <CITY>New York</CITY>
    <COUNTRY>US</COUNTRY>
    <COUNTY/>
    <DESCRIPTN/>
    <FAX index="1"/>
    <POSTALCODE>10022-3422</POSTALCODE>
    <REGION/>
    <STATEPROVN>NY</STATEPROVN>
    <TAXJRSCTN/>
    <TELEPHONE index="1"/>
    <TELEPHONE index="2"/>
    <TELEPHONE index="3"/>
    <URL/>
    <USERAREA/>
  </ADDRESS>
</PARTNER>
</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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<MONTH>02</MONTH>
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<MINUTE>00</MINUTE>
<SECOND>00</SECOND>
<SUBSECOND>0000</SUBSECOND>
<TIMEZONE>+0000</TIMEZONE></DATETIME>

<QUANTITY qualifier="ORDERED">
(VALUE>4</VALUE>
<NUMOFDEC>0</NUMOFDEC>
<SIGN>+</SIGN>
<UOM>Ea</UOM></QUANTITY>

<USERAREA><DESCRIPTN>Sentinel Standard Desktop</DESCRIPTN><ITEM>AS54888</ITEM><ITEMX/>

<USERAREA><DATETIME qualifier="PROMSHIP">
<YEAR><MONTH><DAY><HOUR><MINUTE><SECOND><SUBSECOND><TIMEZONE>0 NE/</TIMEZONE></DATETIME>

<QUANTITY qualifier="APPROVAL">
<Value>4</Value>
<NUMOFDEC>0</NUMOFDEC>
<SIGN>+</SIGN>
<UOM>Ea</UOM></QUANTITY>

<USERAREA><DATETIME qualifier="UNIT"
<?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>
<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>
        </PostalAddress>
        <Email/>
        <Phone>
          <AreaOrCityCode>0</AreaOrCityCode>
          <Number/>
          <Extension/>
        </Phone>
        <Url/>
      </Address>
    </ShipTo>
    <BillTo>
      <Address isoCountryCode="US">
        <Name xml:lang="en"/>
        <PostalAddress>
          <DeliverTo/>
          <Street>90 Fifth Avenue</Street>
        </PostalAddress>
        <Email/>
        <Phone>
          <AreaOrCityCode>0</AreaOrCityCode>
          <Number/>
          <Extension/>
        </Phone>
        <Url/>
      </Address>
    </BillTo>
  </OrderRequestHeader></OrderRequest>
</cXML>
<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/>
    </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>
        </PostalAddress>
        <Email/>
        <Phone>
          <AreaOrCityCode>0</AreaOrCityCode>
          <Number>650 698-9856</Number>
          <Extension/>
        </Phone>
        <Fax>
          <AreaOrCityCode>0</AreaOrCityCode>
          <Number/>
          <Extension/>
        </Fax>
        <Url/>
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        <OrderMethod>
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            <OtherOrderTarget>Oracle XML Direct</OtherOrderTarget>
          </OrderTarget>
          <OrderProtocol/>
        </OrderMethod>
        <Contact>
          <Name xml:lang="en">Ronald Leedy</Name>
          <Email/>
        </Contact>
      </OrderMethods>
    </SupplierLocation>
  </Supplier>
</SupplierList>
<Phone>
  <TelephoneNumber>
    <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>
    </PostalAddress>
    <Email/>
    <Phone>
      <TelephoneNumber>
        <AreaOrCityCode>0</AreaOrCityCode>
        <Number/>
        <Extension/>
      </TelephoneNumber>
    </Phone>
    <Url/>
  </Address>
</ShipTo>

<Tax>
  <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 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">
      <YEAR>2004</YEAR>
      <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">
          <YEAR>2004</YEAR>
          <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">
          <VALUE>332358</VALUE>
          <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/>
      </POHEADER>
    </CHANGE_PO>
  </DATAAREA>
</CHANGE_PO_006>
Vendor's responsibility ceases upon transfer to carrier. Buyer pays freight. Due on transfer to carrier. Buyer pays freight.

<ADDRESS>
  <ADDRESS>
  <ADDRESS>
  <ADDRESS>
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</ADDRESS>
</ADDRESS>
<ADDRESS>
  <ADDRLINE index="1">90 Fifth Avenue</ADDRLINE>
  <ADDRLINE index="2"/>
  <ADDRLINE index="3"/>
  <ADDRTYPE/>
  <CITY>New York</CITY>
  <COUNTRY>US</COUNTRY>
  <STATEPROVN>NY</STATEPROVN>
  <POSTALCODE>10022-3422</POSTALCODE>
</ADDRESS>

<PARTNER>
  <NAME index="1">UPS</NAME>
  <PARTNRTYPE>Carrier</PARTNRTYPE>
</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>USD</CURRENCY>
    <UOMVALUE>1</UOMVALUE>
    <UOMNUMDEC>0</UOMNUMDEC>
    <UOM>Ea</UOM>
  </OPERAMT>
</POTERM>

<POHEADER>
</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>
  </QUANTITY>
</POLINE>
Appendix D: cXML OrderRequest Sample Payload (for Change PO)

<?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>
            </PostalAddress>
            <Email/>
            <Phone>
              <TelephoneNumber>
                <AreaOrCityCode>0</AreaOrCityCode>
                <Number/>
                <Extension/>
              </TelephoneNumber>
            </Phone>
          </Address>
        </ShipTo>
        <BillTo>
          <Address isoCountryCode="US">
            <Name xml:lang="en"/>
            <PostalAddress>
          </Address>
        </BillTo>
      </OrderRequestHeader>
    </OrderRequest>
  </Request>
</cXML>
<OrderRequestHeader>

<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>
      <City>New York</City>
      <State>NY</State>
      <PostalCode>10022-3422</PostalCode>
    </PostalAddress>
    <Email>pstock@vision.com</Email>
    <Phone>
      <TelephoneNumber>
        <Number/>
      </TelephoneNumber>
    </Phone>
  </Contact>
</BillTo>

</OrderRequestHeader>
<ItemOut quantity="3" requestedDeliveryDate="2004-02-06T00:00:00+0000">
  <ItemID>
  </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>
</ItemOut>

<SupplierList>
  <Supplier>
    <Name xml:lang="en">Eastern Industrial Products</Name>
    <Comments>
      <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>
        </PostalAddress>
        <Email/>
        <Phone>
          <TelephoneNumber>
            <AreaOrCityCode>0</AreaOrCityCode>
            <Number>650 698-9856</Number>
            <Extension/>
          </TelephoneNumber>
        </Phone>
        <Fax>
          <TelephoneNumber>
            <AreaOrCityCode>0</AreaOrCityCode>
            <Number/>
            <Extension/>
          </TelephoneNumber>
        </Fax>
      </Address>
      <OrderMethods>
        <OrderMethod>52</OrderMethod>
      </OrderMethods>
    </SupplierLocation>
  </Supplier>
</SupplierList>
<OrderTarget>
  <OrderTarget>Oracle XML Direct</OrderTarget>
</OrderTarget>
<OtherOrderTarget>
</OtherOrderTarget>
</OrderMethod>
<Contact>
  <Name xml:lang="en">Ronald Leedy</Name>
  <Email/>
  <Phone>
    <TelephoneNumber>
      <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>
    </PostalAddress>
    <Email/>
    <Phone>
      <TelephoneNumber>
        <AreaOrCityCode>0</AreaOrCityCode>
        <Number/>
        <Extension/>
      </TelephoneNumber>
    </Phone>
    <Url/>
  </Address>
</ShipTo>
<Tax>
  <TaxDetail category="Non-Taxable" purpose="">
    <TaxAmount>
      <Money>0</Money>
    </TaxAmount>
    <TaxDetail>
      <TaxDetail>
      <Comments>Date Change on Need Date</Comments>
    </ItemOut>
  </OrderRequest>
</Request>
</cXML>
<?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>30</MINUTE>
      <SECOND>19</SECOND>
      <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/>
          <TIMEZONE/>
        </DATETIME>
      </SHIPMENT>
    </SHOW_SHIPMENT>
  </DATAAREA>
</SHOW_SHIPMENT_005>
<NOTES index="1">Got it all into one shipment.</NOTES>

<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>
  <NOTES index="1">Call if you need help</NOTES>
</SHIPITEM>

<DOCUMNTREF>
  <DOCTYPE>PurchaseOrder</DOCTYPE>
  <DOCUMENTID>5500</DOCUMENTID>
  <PARTNRID>9999</PARTNRID>
  <PARTNRTYPE>ShipTo</PARTNRTYPE>
  <LINENUM>1</LINENUM>
</DOCUMNTREF>

<SHIPITEM>
  <DOCUMNTREF>
    <DOCTYPE>PackingSlip</DOCTYPE>
    <DOCUMENTID>8202 8261 1194</DOCUMENTID>
    <PARTNRID>9999</PARTNRID>
    <PARTNRTYPE>ShipTo</PARTNRTYPE>
  </DOCUMNTREF>
</SHIPITEM>
</SHIPMENT>
</SHOW_SHIPMENT>
</DATAAREA>
</SHOW_SHIPMENT_005>
Appendix F: cXML ShipNotice Request Sample Payload

```xml
<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>
        </PostalAddress>
        <Phone>
          <TelephoneNumber>
            <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>
        </PostalAddress>
        <Phone>
          <TelephoneNumber>
            <AreaOrCityCode>408</AreaOrCityCode>
            <Number>555-1212</Number>
          </TelephoneNumber>
        </Phone>
      </Contact>
    </ShipNoticeHeader>
  </ShipNoticeRequest>
</Request>
```

<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>
    </PostalAddress>
    <Phone>
      <TelephoneNumber isoCountryCode="US">0</TelephoneNumber>
      <AreaOrCityCode>408</AreaOrCityCode>
      <Number>921-1132</Number>
    </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 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>20</SECOND>
      <SUBSECOND>0</SUBSECOND>
      <TIMEZONE>-0700</TIMEZONE>
    </DATETIME>
  </CNTROLAREA>
  <DATAAREA>
    <PROCESS_INVOICE>
      <INVHEADER>
        <AMOUNT qualifier="DOCUMENT" type="T" index="1">
          <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">Lisa King</NAME>
          <ONETIME>0</ONETIME>
          <PARTNRID></PARTNRID>
          <PARTNRTYPE>Supplier</PARTNRTYPE>
          <CONTACT>
            <NAME index="1">Lisa King</NAME>
          </CONTACT>
        </PARTNER>
      </INVHEADER>
    </PROCESS_INVOICE>
  </DATAAREA>
</PROCESS_INVOICE_002>
<AMOUNT qualifier="EXTENDED" type="T">
  <VALUE>30</VALUE>
  <NUMOFDEC>0</NUMOFDEC>
  <SIGN>+</SIGN>
  <CURRENCY>USD</CURRENCY>
</AMOUNT>
<CHARGETYPE>FREIGHT</CHARGETYPE>

<AMOUNT qualifier="EXTENDED" type="T">
  <VALUE>300</VALUE>
  <NUMOFDEC>2</NUMOFDEC>
  <SIGN>+</SIGN>
  <CURRENCY>USD</CURRENCY>
</AMOUNT>
<CHARGETYPE>MISCELLANEOUS</CHARGETYPE>

<AMOUNT qualifier="EXTENDED" type="T">
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  <NUMOFDEC>0</NUMOFDEC>
  <SIGN>+</SIGN>
  <CURRENCY>USD</CURRENCY>
</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>
<LINE>1</LINE>
<DESCRIPTN>Superview Calculator</DESCRIPTN>
<ITEMX>CM00038</ITEMX>
<UNIT> Ea</UNIT>
<DOCTYPE>PurchaseOrder</DOCTYPE>
<DOCUMENTID>1234567890</DOCUMENTID>
<PARTNRID>9999</PARTNRID>
<PARTNRTYPE>Customer</PARTNRTYPE>
<LINE>2</LINE>
<INVTAX>
  <AMOUNT qualifier="TAX" type="T">
    <VALUE>390</VALUE>
    <NUMOFDEC>0</NUMOFDEC>
    <SIGN>+</SIGN>
    <CURRENCY>USD</CURRENCY>
  </AMOUNT>
</INVTAX>
<AMOUNT qualifier="TAXBASE" type="T">
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   <NUMOFDEC>0</NUMOFDEC>
   <SIGN>+</SIGN>
   <CURRENCY>USD</CURRENCY>
</AMOUNT>

<QUANTITY qualifier="PERCENT">
   <VALUE>8</VALUE>
   <NUMOFDEC>0</NUMOFDEC>
   <SIGN>+</SIGN>
   <UOM>Ea</UOM>
</QUANTITY>

<DESCRIPTN>tax</DESCRIPTN>
</INVLINE>
</INVTAX>
</PROCESS_INVOICE>
</DATAAREA>
</PROCESS_INVOICE_002>
<?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>
            </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>
            </PostalAddress>
          </Contact>
        </InvoicePartner>
        <Comments xml:lang="en-US">This is an invoice for Do789</Comments>
      </InvoiceDetailRequestHeader>
      <InvoiceDetailHeaderOrder>
        <InvoiceDetailOrderInfo>
          <OrderIDInfo orderID="1234567890"/>
          <OrderReference orderID="1234567890"/>
        </InvoiceDetailOrderInfo>
      </InvoiceDetailHeaderOrder>
    </InvoiceDetailRequest>
  </Request>
</cXML>
<DocumentReference payloadID="1233444-2004@OSN.com/>
</OrderReference>
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  <SubtotalAmount>
    <Money currency="USD">15.40</Money>
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  <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>
    <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>
      </PostalAddress>
      <Email name="default">ShippingDept@xyz.com</Email>
      <Phone name="work">
        <TelephoneNumber>
          <AreaOrCityCode>888</AreaOrCityCode>
          <Number>1234567</Number>
        </TelephoneNumber>
      </Phone>
    </Contact>
    <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>
      </PostalAddress>
      <Email name="default">pat.stock@oracle.com</Email>
    </Contact>
    <Money currency="USD">2.00</Money>
  </InvoiceDetailLineShipping>
  <GrossAmount>
    <Money currency="USD">18.94</Money>
  </GrossAmount>
</InvoiceDetailOrderInfo>
<GrossAmount>
  <Money currency="USD">25.39</Money>
</GrossAmount>
<NetAmount>
  <Money currency="USD">25.39</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>
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  </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.

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

Oracle SN Document Types:

<table>
<thead>
<tr>
<th>Document Type</th>
<th>Document Format</th>
<th>Format Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROCESS_PO_007</td>
<td>OAG</td>
<td>007</td>
</tr>
<tr>
<td>CHANGE_PO_006</td>
<td>OAG</td>
<td>006</td>
</tr>
<tr>
<td>SHOW_SHIPMENT_005</td>
<td>OAG</td>
<td>005</td>
</tr>
<tr>
<td>PROCESS_INVOICE_002</td>
<td>OAG</td>
<td>002</td>
</tr>
<tr>
<td>OrderRequest</td>
<td>CXML</td>
<td>cXML 1.2.007</td>
</tr>
<tr>
<td>OrderRequest (if type = 'update')</td>
<td>CXML</td>
<td>cXML 1.2.009</td>
</tr>
<tr>
<td>InvoiceDetailRequest</td>
<td>CXML</td>
<td>cXML 1.2.007</td>
</tr>
<tr>
<td>ShipNoticeRequest</td>
<td>CXML</td>
<td>cXML 1.2.007</td>
</tr>
</tbody>
</table>

Oracle SN Identifier Types:

<table>
<thead>
<tr>
<th>Identifier Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DUNS</td>
<td>DUNS Number</td>
</tr>
<tr>
<td>GLN</td>
<td>Global Location Number</td>
</tr>
<tr>
<td>MISC</td>
<td>Miscellaneous</td>
</tr>
<tr>
<td>PHONE</td>
<td>Phone Number</td>
</tr>
<tr>
<td>TAXID</td>
<td>US Federal Tax Identifier</td>
</tr>
</tbody>
</table>
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.

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