



**cXML Specifications
ShipNoticeRequest
ASN**

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Ship Notice Request Overview

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE cXML SYSTEM "http://xml.cXML.org/schemas/cXML/1.2.020/Fulfill.dtd">
<cXML payloadID="unique" xml:lang="en-US" timestamp="YYYY-MM-DD">
  <Header>
    <From>
      <Credential domain="NetworkId">
        <Identity>Supplier Identity</Identity>
      </Credential>
    </From>
    <To>
      <Credential domain="NetworkId">
        <Identity>5159656200</Identity>
      </Credential>
    </To>
    <Sender>
      <Credential domain="NetworkId">
        <Identity>Supplier Identity</Identity>
        <SharedSecret>SharedSecret</SharedSecret>
      </Credential>
      <UserAgent>Coupa Procurement 1.0</UserAgent>
    </Sender>
  </Header>
  <Request deploymentMode="production">
    <ShipNoticeRequest>
      <ShipNoticeHeader shipmentID="ShipmentID" noticeDate="YYYY-MM-DD" shipmentDate="YYYY-MM-DD" deliveryDate="YYYY-MM-DD">
        <Contact role="shipFrom" addressID="AddressID">
          <Name xml:lang="en-US">Supplier Name</Name>
          <PostalAddress>
            <Street>Street Address</Street>
            <City>City</City>
            <State>ST</State>
            <PostalCode>12345</PostalCode>
            <Country isoCountryCode="US">United States</Country>
          </PostalAddress>
        </Contact>
        <Extrinsic name="CustomFields">
          <IdReference identifier="SSCC" domain="CustomFields">
            <Description xml:lang="en">SSCC-18</Description>
          </IdReference>
          <IdReference identifier="Ship_From_Location" domain="CustomFields">
            <Description xml:lang="en">Ship From Location ID</Description>
          </IdReference>
        </Extrinsic>
      </ShipNoticeHeader>
    </ShipNoticeRequest>
  </Request>
</cXML>
```

```

<IdReference identifier="FOB_Instructions" domain="CustomFields">
  <Description xml:lang="en">Enter Instructions here</Description>
</IdReference>

  <IdReference identifier="Seal_Status" domain="CustomFields">
    <Description xml:lang="en">Seal Type</Description>
  </IdReference>

  <IdReference identifier="Seal_Number" domain="CustomFields">
    <Description xml:lang="en">Seal Number</Description>
  </IdReference>
</Extrinsic>
</ShipNoticeHeader>
<ShipControl>
  <CarrierIdentifier domain="companyName">Freight Carrier Name</CarrierIdentifier>
  <ShipmentIdentifier>Carrier Shipment ID</ShipmentIdentifier>
</ShipControl>
<ShipNoticePortion>
  <OrderReference orderID="Purchase Order Number">
    <DocumentReference payloadID="unique"/>
  </OrderReference>
  <ShipNoticeItem lineNumber="10" quantity="216">
    <UnitOfMeasure>CS</UnitOfMeasure>
    <Packaging>
      <PackagingCode xml:lang="en-US">Packaging Code</PackagingCode>
      <Dimension quantity="2" type="weight">
        <UnitOfMeasure>EA</UnitOfMeasure>
      </Dimension>
    </Packaging>
    <Extrinsic name="CustomFields">
      <IdReference identifier="GTIN" domain="CustomFields">
        <Description xml:lang="en">GTIN</Description>
      </IdReference>
      <IdReference identifier="Traceability_Lot_Code" domain="CustomFields">
        <Description xml:lang="en">Traceability Lot Code</Description>
      </IdReference>
      <IdReference identifier="TLC_source_reference" domain="CustomFields">
        <Description xml:lang="en">TLC Source Reference</Description>
      </IdReference>
      <IdReference identifier="Special_Handling" domain="CustomFields">
        <Description xml:lang="en">Special Handling</Description>
      </IdReference>
    </Extrinsic>
  </ShipNoticeItem>
</ShipNoticePortion>
</ShipNoticeRequest>
</Request>
</cXML>

```

cXML Envelope

cXML element **must** be present in every cXML transaction and contains the following attributes:

- Version
 - o Specifies the cXML protocol version
 - Deprecated and not needed with new cXML documents
- Xml:lang
 - o This should always be 'en-US'
- PayloadID (Required)
 - o Unique identifier
 - Recommended implementation: datetime.process id.random number@hostname
- Timestamp
 - o The date and time message was sent.

```
<?xml version="1.0" encoding="UTF-8"?>
```

```
<!DOCTYPE cXML SYSTEM "http://xml.cXML.org/schemas/cXML/1.2.020/Fulfill.dtd">
```

```
<cXML payloadID="unique" xml:lang="en-US" timestamp="YYYY-MM-DD">
```

Envelope Header

Contains authentication information that identifies the unique connection between supplier and customer. Invalid credentials result in file transfer failures.

```
<Header>
```

```
<From>
```

```
<Credential domain="NetworkId">
```

```
<Identity>Supplier Identity</Identity>
```

```
</Credential>
```

```
</From>
```

```
<To>
```

```
<Credential domain="NetworkId">
```

```
<Identity>5159656200</Identity>
```

```
</Credential>
```

```
</To>
```

Updated 3/5/2025

```
<Sender>
  <Credential domain="NetworkId">
    <Identity>Supplier Identity</Identity>
    <SharedSecret>SharedSecret</SharedSecret>
  </Credential>
  <UserAgent>Coupa Procurement 1.0</UserAgent>
</Sender>
</Header>
```

ShipNoticeRequest Header

One Request element is allowed for each cXML envelope element.

The Request Element Header identifies the type of request along with pertinent shipment details:

- DeploymentMode = Production
 - o If deploymentMode = Test and the file is sent, this will only ping the connection to test the file format and will not post files to the end location.
- ShipmentID = ASN Number
 - o This must be unique per ASN created by the supplier
 - o Recommendation: Use BOL Number
- noticeDate
 - o Date that ShipNoticeRequest is generated
- shipmentDate
 - o Date that the shipment leaves the facility
- deliveryDate
 - o Date that the shipment will be delivered
- Contact
 - o Contact Role = shipFrom

```
<Request deploymentMode="production">
  <ShipNoticeRequest>
    <ShipNoticeHeader shipmentID="ShipmentID" noticeDate="YYYY-MM-DD" shipmentDate="YYYY-MM-DD"
    deliveryDate="YYYY-MM-DD">
      <Contact role="shipFrom" addressID="AddressID">
        <Name xml:lang="en-US">Supplier Name</Name>
        <PostalAddress>
```

Updated 3/5/2025

```
<Street>Street Address</Street>  
<City>City</City>  
<State>ST</State>  
<PostalCode>12345</PostalCode>  
<Country isoCountryCode="US">United States</Country>  
</PostalAddress>  
</Contact>
```

ShipNoticeRequest Header – Custom Fields

IdReference identifier(s) specific to Casey's

- SSCC
 - o Serial Shipping Container Code
 - o Must be unique per shipment and match the SSCC on the physical shipment.
- Ship From Location ID
 - o Recommend using a Global Location Number (GLN), FDA Facility Registration Number, or DUNS
- FOB Instructions
 - o Any necessary FOB Instructions
- Seal Status
 - o Status of the seal at the time it leaves the dock for delivery
- Seal Number
 - o Number assigned to the truck's seal

```
<Extrinsic name="CustomFields">
```

```
<IdReference identifier="SSCC" domain="CustomFields">
```

```
<Description xml:lang="en">SSCC</Description>
```

```
</IdReference>
```

```
<IdReference identifier="Ship_From_Location" domain="CustomFields">
```

```
<Description xml:lang="en">Ship From Location ID</Description>
```

```
</IdReference>
```

```
<IdReference identifier="FOB_Instructions" domain="CustomFields">
```

```
<Description xml:lang="en">Enter Instructions here</Description>
```

```
</IdReference>
```

```
<IdReference identifier="Seal_Status" domain="CustomFields">
```

```
<Description xml:lang="en">Seal Type</Description>
```

```
</IdReference>
```

Updated 3/5/2025

```
<IdReference identifier="Seal_Number" domain="CustomFields">
```

```
<Description xml:lang="en">Seal Number</Description>
```

```
</IdReference>
```

```
</Extrinsic>
```

```
</ShipNoticeHeader>
```

ShipNoticeRequest Detail

ShipControl

- Specifies the carrier responsible for shipment

```
<ShipControl>
```

```
<CarrierIdentifier domain="companyName">Freight Carrier Name</CarrierIdentifier>
```

```
<ShipmentIdentifier>Carrier Shipment ID</ShipmentIdentifier>
```

```
</ShipControl>
```

ShipNoticePortion – Standard & Custom Fields

- Contains the purchase order and item information

Standard

```
<ShipNoticePortion>
```

```
<OrderReference orderID="Purchase Order Number">
```

```
<DocumentReference payloadID="unique"/>
```

```
</OrderReference>
```

```
<ShipNoticeItem lineNumber="10" quantity="216">
```

```
<UnitOfMeasure>CS</UnitOfMeasure>
```

```
<Packaging>
```

```
<PackagingCode xml:lang="en-US">Packaging Code</PackagingCode>
```

```
<Dimension quantity="2" type="weight">
```

Updated 3/5/2025

```
<UnitOfMeasure>EA</UnitOfMeasure>  
  
</Dimension>  
  
</Packaging>
```

Custom

```
<Extrinsic name="CustomFields">  
  <IdReference identifier="GTIN" domain="CustomFields">  
    <Description xml:lang="en">GTIN</Description>  
  </IdReference>  
  <IdReference identifier="Traceability_Lot_Code" domain="CustomFields">  
    <Description xml:lang="en">Traceability Lot Code</Description>  
  </IdReference>  
  <IdReference identifier="TLC_source_reference" domain="CustomFields">  
    <Description xml:lang="en">TLC Source Reference</Description>  
  </IdReference>  
  <IdReference identifier="Special_Handling" domain="CustomFields">  
    <Description xml:lang="en">Special Handling</Description>  
  </IdReference>  
</Extrinsic>  
</ShipNoticeItem>  
  
</ShipNoticePortion>  
  
</ShipNoticeRequest>  
  
</Request>  
</cXML>
```