



Best Practice Guidance for Associating EPCs When There are Multiple Business Transaction Types

A *Shipping* event may contain references to business transactions such as purchase orders or invoices. This guidance will focus on the best practice for a shipment when it contains objects that belong to two or more business transactions of the same type such as two or more purchase orders or two or more invoices. There are two ways to handle this situation:

- Separating the *Shipping* events so that each *Shipping* event only refers to a single business transaction of each type.
- Include one or more Shipping Business Transaction Detail event(s) as required, since each Shipping Business Transaction Detail event indicates a single business transaction, and in its epcList it indicates the objects associated with that business transaction. These may be objects that are contained within the objects listed in the corresponding Shipping event.

Example: A single pallet, identified by SSCC, contains several cartons belonging to one purchase order and several more cartons belonging to a different purchase order. In this situation, the Shipping event will list the pallet identifier in the epcList, and list both purchase orders in the bizTransactionList. The Shipping event itself, therefore, does not indicate which cartons belong to which purchase order. Each Shipping Business Transaction Detail event would list the identifiers of the cartons that belong to a given purchase order.




A Shipping Business Transaction Detail event shall be an EPCIS Transaction Event populated as follows:

Element	Usage	Type	Value	Reason
Applying GS1 System of Standards for DSCSA and Serialized Interoperable Traceability Implementation Guideline R1.3				
eventTime	Required	Timestamp	Date and time of event. This should precede the date and time ¹ of the corresponding <i>Shipping</i> event. Note: When sharing the same event across trading partners, the event time should be the same across all trading partners. Although EPCIS provides for millisecond precision, the event time may be expressed with less precision and is recommended ² to be provided in no more than second precision to ensure systems across all systems in the supply chain are properly sequencing events.	EPCIS standard definition For purposes of DSCSA, the shipping business transaction detail event time precedes the shipping date (when bizStep = shipping).

¹ In *The Applying GS1 System of Standards for DSCSA and Serialized Interoperable Traceability Implementation Guideline R1.2*, the eventTime population rule was incorrectly published with a guidance to populate the eventTime of the transaction event to **match** the date and time of the corresponding *Shipping* event. However, to allow for sequencing and avoid potential issues when there are multiple transaction events for a *Shipping* event, it is important for the eventTime to **precede** the date and time. While a discrepancy in the published version of *The Applying GS1 System of Standards for DSCSA and Serialized Interoperable Traceability Implementation Guideline R1.2* was identified by the RxSecureSupplyChain workgroup, it was decided by the workgroup to correct this in practice and publish the correction in the next release of the implementation guideline, R1.3.

² The RxSecureSupplyChain workgroup recommends that eventTime precision not exceed seconds. However, it is acceptable for a trading partner to generate, record, and consistently share events with eventTime in greater precision than seconds. Trading partners receiving events from upstream trading partners with eventTime precision greater than seconds shall not reject events with greater precision than seconds. Trading partners shall maintain and store the eventTime value with the same degree of precision as received from upstream trading partners.

Element	Usage	Type	Value	Reason
eventTimeZoneOffset	Required	String	Time zone offset in effect at the time and place where the event occurred.	EPCIS standard definition
recordTime	Optional	Timestamp	Date/ time event was recorded in an EPCIS repository.	EPCIS standard definition
epcList	Required	List of URI	<ul style="list-style-type: none"> ▪ EPC Pure Identity URI for each object associated with the business transactions listed in this event. ▪ If the EPC of a container is indicated, all of its contents are associated with the business transaction. 	EPCIS standard definition
action	Required	String	ADD	EPCIS standard definition
bizStep	Required	URI	urn:epcglobal:cbv:bizstep:shipping	CBV standard definition
disposition	Required	URI	urn:epcglobal:cbv:disp:in_transit	CBV standard definition. The disposition value "in_transit" is always paired with the bizStep "shipping" for forward logistics.
readPoint	Optional	URI	<p>EPC Pure Identity URI for the GLN of the location at which the event took place.</p> <p>This should match the readPoint of the corresponding <i>Shipping</i> event.</p>	EPCIS standard definition
bizLocation	Omitted	URI	EPC Pure Identity URI for the GLN of the location where the objects are presumed to be following the event.	For a <i>Shipping</i> event, this is unknown until a <i>Receiving</i> event occurs. Thus, bizLocation is always omitted in <i>Shipping</i> events.
bizTransaction List	Required	List of biz transactions	<p>Business transactions governing this <i>Shipping Business Transaction Detail</i> event, which may include a purchase order, delivery number or an invoice.</p> <p>Each transaction is represented as a pair of URIs: one URI for the type and one URI for the value.</p> <p>In a <i>Shipping Business Transaction Detail</i> event, only one business transaction of a given type shall be included.</p>	EPCIS standard definition

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Important: November 27, 2024, is the expected date when an EPCIS document without a Transaction Event accompanying a *Shipping* event would fail based on industry business requirements when the shipment includes multiple business transaction types.
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Note: Expected timing of Solution Providers to support this as a requirement is starting May 2024.
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Note: Expect the multiple Purchase Order use case occurring predominantly downstream from wholesalers (i.e. Wholesaler to another Wholesaler or Wholesaler to Dispenser) versus upstream between Manufacturers and Wholesalers.

XML Example of a Shipment Covered by Multiple Purchase Orders

This example shows how to capture a shipment containing 3 pallets with SSCCs and illustrates how to associate 2 Purchase Orders (POs) to the specific shipment content.

- SSCC 003000100000001012 is the first pallet with all of its contents covered by PO# 1234.
- SSCC 003000100000001029 is the second pallet with all of its contents covered by PO# 4567.
- SSCC 003000100000001036 is the third pallet which contains 5 cases of which:
 - 2 cases (SGTINs with serials 401, 402) belong to PO# 1234 and
 - 3 cases (SGTINs with serials 501, 502, 503) belong to PO#4567.

This XML example shows one *Shipping* event and two additional *Shipping Business Transaction Detail* events to map the specific content to individual POs.

```
<?xml version="1.0" encoding="UTF-8"?>
<!-- Example Shipment with Multiple POs illustrating how to capture with Object and Transaction
Events -->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:gslushc="http://epcis.gs1us.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1"
schemaVersion="1.2" xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2022-12-01T10:13:16Z">
  <EPCISHeader>
    <sbdh:StandardBusinessDocumentHeader>
      <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
      <sbdh:Sender>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:030001.111111.0</sbdh:Identifier>
        </sbdh:Sender>
        <sbdh:Receiver>
        <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:039999.999999.0</sbdh:Identifier>
        </sbdh:Receiver>
        <sbdh:DocumentIdentification>
          <sbdh:Standard>EPCglobal</sbdh:Standard>
          <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
          <sbdh:InstanceIdentifier>1100220002</sbdh:InstanceIdentifier>
          <sbdh:Type>Events</sbdh:Type>
          <sbdh:CreationDateAndTime>2022-12-01T10:13:16Z</sbdh:CreationDateAndTime>
        </sbdh:DocumentIdentification>
      </sbdh:StandardBusinessDocumentHeader>
      <extension>
        <EPCISMasterData>
          <VocabularyList>
            <Vocabulary type="urn:epcglobal:epcis:vtype:Location">
              <VocabularyElementList>
                <!-- Manufacturer -->
                <VocabularyElement id="urn:epc:id:sgln:030001.111111.0">
                  <attribute id="urn:epcglobal:cbv:mda#name">GS1 Pharma
LLC</attribute>
                  <attribute id="urn:epcglobal:cbv:mda#streetAddressOne">1295 S
George Ave</attribute>
                  <attribute id="urn:epcglobal:cbv:mda#streetAddressTwo">Room
378</attribute>
                  <attribute id="urn:epcglobal:cbv:mda#city">Washington</attribute>
                  <attribute id="urn:epcglobal:cbv:mda#state">DC</attribute>
                  <attribute id="urn:epcglobal:cbv:mda#postalCode">12345-
6789</attribute>
                  <attribute id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
                </VocabularyElement>
                <!-- Manufacturer owned DC-->
                <VocabularyElement id="urn:epc:id:sgln:030001.111121.0">
                  <attribute id="urn:epcglobal:cbv:mda#name">GS1 Pharma
DC</attribute>
                  <attribute id="urn:epcglobal:cbv:mda#streetAddressOne">7244 S
Century Ave</attribute>
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        <attribute id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite
101</attribute>
        <attribute id="urn:epcglobal:cbv:mda#city">Louisville</attribute>
        <attribute id="urn:epcglobal:cbv:mda#state">KY</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">40041</attribute>
        <attribute id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
<!-- Wholesaler -->
<VocabularyElement id="urn:epc:id:sgln:039999.999999.0">
    <attribute id="urn:epcglobal:cbv:mda#name">GS1 Drug Distro
LLC</attribute>
    <attribute id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park
Ave S</attribute>
    <attribute id="urn:epcglobal:cbv:mda#streetAddressTwo">Room
378</attribute>
    <attribute id="urn:epcglobal:cbv:mda#city">New York</attribute>
    <attribute id="urn:epcglobal:cbv:mda#state">NY</attribute>
    <attribute id="urn:epcglobal:cbv:mda#postalCode">10003-
1502</attribute>
        <attribute id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
<!-- Wholesaler's DC-->
<VocabularyElement id="urn:epc:id:sgln:039999.345678.0">
    <attribute id="urn:epcglobal:cbv:mda#name">GS1 Drug Distro
Warehouse</attribute>
    <attribute id="urn:epcglobal:cbv:mda#streetAddressOne">136 Main
St</attribute>
    <attribute id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite
100</attribute>
        <attribute id="urn:epcglobal:cbv:mda#city">Louisville</attribute>
        <attribute id="urn:epcglobal:cbv:mda#state">KY</attribute>
        <attribute
id="urn:epcglobal:cbv:mda#postalCode">40218</attribute>
        <attribute id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
</VocabularyElement>
</VocabularyElementList>
</Vocabulary>
</VocabularyList>
</EPCISMasterData>
</extension>
<gslushc:guidelineVersion>GS1 US DSCSA R1.3</gslushc:guidelineVersion>
<gslushc:dscsaTransactionStatement>
    <gslushc:affirmTransactionStatement>true</gslushc:affirmTransactionStatement>
    <gslushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581 (27) (A) - (G) .</gslushc:legalNotice>
</gslushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
    <EventList>
        <!-- Using a Transaction Event, record the Shipping contents specifically associated
with PO# 1234 -->
        <TransactionEvent>
            <!-- The transaction event's eventTime should precede the date and time of the
corresponding Shipping event. -->
            <eventTime>2022-12-01T10:08:12Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <bizTransactionList>
                <!-- Associate PO# 1234 to the EPCs in the business transaction -->
                <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0399999999991:1234</bizTransaction>
            </bizTransactionList>
            <epcList>
                <epc>urn:epc:id:sscc:030001.00000000101</epc>
                <epc>urn:epc:id:sgtin:030001.1123456.401</epc>

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        <epc>urn:epc:id:sgtin:030001.1123456.402</epc>
    </epcList>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
</TransactionEvent>
<!-- The transaction event's eventTime should precede the date and time of the
corresponding Shipping event. -->
<TransactionEvent>
    <eventTime>2022-12-01T10:09:12Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <bizTransactionList>
        <!-- Associate PO# 4567 to the EPCs in the business transaction -->
        <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0399999999991:4567</bizTransaction>
    </bizTransactionList>
    <epcList>
        <epc>urn:epc:id:sgtin:030001.1123456.501</epc>
        <epc>urn:epc:id:sgtin:030001.1123456.502</epc>
        <epc>urn:epc:id:sgtin:030001.1123456.503</epc>
        <epc>urn:epc:id:sscc:030001.00000000102</epc>
    </epcList>
    <action>ADD</action>
    <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
</TransactionEvent>
<!-- Shipping event for 3 SSCCs 101, 102, and 103.
    Shipment is covered by 2 Purchase Orders (POs) #1234 and #4567. -->
<ObjectEvent>
    <eventTime>2022-12-01T10:11:12Z</eventTime>
    <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
    <epcList>
        <epc>urn:epc:id:sscc:030001.00000000101</epc>
        <epc>urn:epc:id:sscc:030001.00000000102</epc>
        <epc>urn:epc:id:sscc:030001.00000000103</epc>
    </epcList>
    <action>OBSERVE</action>
    <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
    <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
    <readPoint>
        <id>urn:epc:id:sgln:030001.111111.0</id>
    </readPoint>
    <bizTransactionList>
        <!-- Both PO# 1234 and PO#4567 are associated with this shipment -->
        <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0399999999991:1234</bizTransaction>
        <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0399999999991:4567</bizTransaction>
        <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0300011111116:DEL123
    </bizTransaction>
    </bizTransactionList>
    <extension>
        <sourceList>
            <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:030001.111111.0</source>
            <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:030001.111121.0</source>
        </sourceList>

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                <destinationList>
                    <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</destination>
                    <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:039999.345678.0</destination>
                </destinationList>
            </extension>
            <gslushc:dropShipment>>false</gslushc:dropShipment>
        </ObjectEvent>
    </EventList>
</EPCISBody>
</epcis:EPCISDocument>

```

XML Example of a Shipment Covered by Multiple POs and has multiple DESADVs

This example shows how to capture a shipment containing 3 pallets with SSCCs and illustrates how to associate 2 Purchase Orders (POs) and 2 Deliveries (DESADVs) to the specific shipment content.

- SSCC 003000100000001012 is the first pallet with all of its contents covered by PO# 1234 and DESADV DEL123.
- SSCC 003000100000001029 is the second pallet with all of its contents covered by PO# 4567 DESADV DEL124.
- SSCC 003000100000001036 is the third pallet which contains 5 cases of which:
 - 2 cases (SGTINs with serials 401, 402) belong to PO# 1234 for DESADV DEL123 and
 - 3 cases (SGTINs with serials 501, 502, 503) belong to PO#4567 DESADV DEL124.

This XML example shows one Shipping event and two additional *Shipping Business Transaction Detail* events to map the specific content to individual Pos and DESADVs.

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- Example shipment with Multiple POs and DESADVs illustrating how to capture with Object and
Transaction Events
In this document there are 3 SSCCs being shipped:
- PO# 1234 and DESADV: DEL123 the EPCs (SSCC 101, GTINs 401, 402) are associated with the
business transaction in the first TransactionEvent.
- PO# 4567 and DESADV: DEL124 the EPCs (SSCC 102, GTINs 501, 502, 503) are associated with the
business transaction in the second TransactionEvent
- The third SSCC listed in the shipping event is comprised of the EPCs for the GTINs in the
TransactionEvents. For a DSCSA transaction there would
be explicit events outlining the commissioning and aggregation of the EPCs. Those aggregation
events would outline the contents of the SSCCs. -->
<epcis:EPCISDocument xmlns:cbvmda="urn:epcglobal:cbv:mda"
xmlns:sbdh="http://www.unece.org/cefact/namespace/StandardBusinessDocumentHeader"
xmlns:gslushc="http://epcis.gslus.org/hc/ns" xmlns:epcis="urn:epcglobal:epcis:xsd:1"
schemaVersion="1.2" xsi:schemaLocation="urn:epcglobal:epcis:xsd:1 EPCglobal-epcis-1_2.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" creationDate="2022-12-01T10:13:16Z">
    <EPCISHeader>
        <sbdh:StandardBusinessDocumentHeader>
            <sbdh:HeaderVersion>1.0</sbdh:HeaderVersion>
            <sbdh:Sender>
                <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:030001.111111.0</sbdh:Identifier>
            </sbdh:Sender>
            <sbdh:Receiver>
                <sbdh:Identifier
Authority="GS1">urn:epc:id:sgln:039999.999999.0</sbdh:Identifier>
            </sbdh:Receiver>
            <sbdh:DocumentIdentification>
                <sbdh:Standard>EPCglobal</sbdh:Standard>
                <sbdh:TypeVersion>1.0</sbdh:TypeVersion>
                <sbdh:InstanceIdentifier>1100220002</sbdh:InstanceIdentifier>
                <sbdh:Type>Events</sbdh:Type>
                <sbdh:CreationDateAndTime>2022-12-01T10:13:16Z</sbdh:CreationDateAndTime>

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    </sbdh:DocumentIdentification>
  </sbdh:StandardBusinessDocumentHeader>
  <extension>
    <EPCISMasterData>
      <VocabularyList>
        <Vocabulary type="urn:epcglobal:epcis:vtype:Location">
          <VocabularyElementList>
            <!-- Manufacturer -->
            <VocabularyElement id="urn:epc:id:sgln:030001.111111.0">
              <attribute id="urn:epcglobal:cbv:mda#name">GS1 Pharma
LLC</attribute>
              <attribute id="urn:epcglobal:cbv:mda#streetAddressOne">1295 S
George Ave</attribute>
              <attribute id="urn:epcglobal:cbv:mda#streetAddressTwo">Room
378</attribute>
              <attribute id="urn:epcglobal:cbv:mda#city">Washington</attribute>
              <attribute id="urn:epcglobal:cbv:mda#state">DC</attribute>
              <attribute id="urn:epcglobal:cbv:mda#postalCode">12345-
6789</attribute>
              <attribute id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
            </VocabularyElement>
            <!-- Manufacturer owned DC-->
            <VocabularyElement id="urn:epc:id:sgln:030001.111121.0">
              <attribute id="urn:epcglobal:cbv:mda#name">GS1 Pharma
DC</attribute>
              <attribute id="urn:epcglobal:cbv:mda#streetAddressOne">7244 S
Century Ave</attribute>
              <attribute id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite
101</attribute>
              <attribute id="urn:epcglobal:cbv:mda#city">Louisville</attribute>
              <attribute id="urn:epcglobal:cbv:mda#state">KY</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#postalCode">40041</attribute>
              <attribute id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
            </VocabularyElement>
            <!-- Wholesaler -->
            <VocabularyElement id="urn:epc:id:sgln:039999.999999.0">
              <attribute id="urn:epcglobal:cbv:mda#name">GS1 Drug Distro
LLC</attribute>
              <attribute id="urn:epcglobal:cbv:mda#streetAddressOne">230 Park
Ave S</attribute>
              <attribute id="urn:epcglobal:cbv:mda#streetAddressTwo">Room
378</attribute>
              <attribute id="urn:epcglobal:cbv:mda#city">New York</attribute>
              <attribute id="urn:epcglobal:cbv:mda#state">NY</attribute>
              <attribute id="urn:epcglobal:cbv:mda#postalCode">10003-
1502</attribute>
              <attribute id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
            </VocabularyElement>
            <!-- Wholesaler's DC-->
            <VocabularyElement id="urn:epc:id:sgln:039999.345678.0">
              <attribute id="urn:epcglobal:cbv:mda#name">GS1 Drug Distro
Warehouse</attribute>
              <attribute id="urn:epcglobal:cbv:mda#streetAddressOne">136 Main
St</attribute>
              <attribute id="urn:epcglobal:cbv:mda#streetAddressTwo">Suite
100</attribute>
              <attribute id="urn:epcglobal:cbv:mda#city">Louisville</attribute>
              <attribute id="urn:epcglobal:cbv:mda#state">KY</attribute>
              <attribute
id="urn:epcglobal:cbv:mda#postalCode">40218</attribute>
              <attribute id="urn:epcglobal:cbv:mda#countryCode">US</attribute>
            </VocabularyElement>
          </VocabularyElementList>
        </Vocabulary>

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        </VocabularyList>
    </EPCISMasterData>
</extension>
<gslushc:guidelineVersion>GS1 US DSCSA R1.3</gslushc:guidelineVersion>
<gslushc:dscsaTransactionStatement>
    <gslushc:affirmTransactionStatement>true</gslushc:affirmTransactionStatement>
    <gslushc:legalNotice>Seller has complied with each applicable subsection of FDCA Sec.
581(27)(A)-(G).</gslushc:legalNotice>
</gslushc:dscsaTransactionStatement>
</EPCISHeader>
<EPCISBody>
    <EventList>
        <!-- Using a Transaction Event, record the Shipping contents specifically associated
with PO# 1234 -->
        <TransactionEvent>
            <!-- The transaction event's eventTime should precede the date and time of the
corresponding Shipping event. -->
            <eventTime>2022-12-01T10:08:12Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <bizTransactionList>
                <!-- Associate PO# 1234 and DESADV: DEL123 to the EPCs (SSCCs 101, GTINs 401,
402) in the business transaction -->
                <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0399999999991:1234</bizTransaction>
                <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0300011111116:DEL123</bizTransaction>
            </bizTransactionList>
            <epcList>
                <epc>urn:epc:id:sscc:030001.00000000101</epc>
                <epc>urn:epc:id:sgtin:030001.1123456.401</epc>
                <epc>urn:epc:id:sgtin:030001.1123456.402</epc>
            </epcList>
            <action>ADD</action>
            <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
            <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
            <readPoint>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </readPoint>
        </TransactionEvent>
        <!-- The transaction event's eventTime should precede the date and time of the
corresponding Shipping event. -->
        <TransactionEvent>
            <eventTime>2022-12-01T10:09:12Z</eventTime>
            <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
            <bizTransactionList>
                <!-- Associate PO# 4567 and DESADV: DEL124 to the EPCs (SSCC 102, GTINs 501,
502, 503) in the business transaction -->
                <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0399999999991:4567</bizTransaction>
                <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0300011111116:DEL124</bizTransaction>
            </bizTransactionList>
            <epcList>
                <epc>urn:epc:id:sgtin:030001.1123456.501</epc>
                <epc>urn:epc:id:sgtin:030001.1123456.502</epc>
                <epc>urn:epc:id:sgtin:030001.1123456.503</epc>
                <epc>urn:epc:id:sscc:030001.00000000102</epc>
            </epcList>
            <action>ADD</action>
            <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
            <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
            <readPoint>
                <id>urn:epc:id:sgln:030001.111111.0</id>
            </readPoint>
        </TransactionEvent>
    </EventList>

```




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    <!-- Shipping event for 3 SSCCs 101, 102, and 103.
         Shipment is covered by 2 Purchase Orders (POs) #1234 and #4567 as well as 2
DESADVs DEL123 and DEL124. -->
    <ObjectEvent>
      <eventTime>2022-12-01T10:11:12Z</eventTime>
      <eventTimeZoneOffset>-05:00</eventTimeZoneOffset>
      <epcList>
        <epc>urn:epc:id:sscc:030001.00000000101</epc>
        <epc>urn:epc:id:sscc:030001.00000000102</epc>
        <epc>urn:epc:id:sscc:030001.00000000103</epc>
      </epcList>
      <action>OBSERVE</action>
      <bizStep>urn:epcglobal:cbv:bizstep:shipping</bizStep>
      <disposition>urn:epcglobal:cbv:disp:in_transit</disposition>
      <readPoint>
        <id>urn:epc:id:sgln:030001.111111.0</id>
      </readPoint>
      <bizTransactionList>
        <!-- PO# 1234 is associated with DESADV:DEL123 and PO#4567 associated with
DESADV: DEL124 are both contained in his shipment -->
        <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0399999999991:1234</bizTransaction>
        <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0300011111116:DEL123</bizTransaction>
        <bizTransaction
type="urn:epcglobal:cbv:btt:po">urn:epcglobal:cbv:bt:0399999999991:4567</bizTransaction>
        <bizTransaction
type="urn:epcglobal:cbv:btt:desadv">urn:epcglobal:cbv:bt:0300011111116:DEL124</bizTransaction>
      </bizTransactionList>
      <extension>
        <sourceList>
          <source
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:030001.111111.0</source>
          <source
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:030001.111121.0</source>
        </sourceList>
        <destinationList>
          <destination
type="urn:epcglobal:cbv:sdt:owning_party">urn:epc:id:sgln:039999.999999.0</destination>
          <destination
type="urn:epcglobal:cbv:sdt:location">urn:epc:id:sgln:039999.345678.0</destination>
        </destinationList>
      </extension>
      <gslushc:dropShipment>>false</gslushc:dropShipment>
    </ObjectEvent>
  </EventList>
</EPCISBody>
</epcis:EPCISDocument>

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