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<?xml version="1.0" encoding="UTF-8"?>
<!-- Automatically generated by EDIF ECS SpecBuilder (http://www.edifecs.com) --&gt;
&lt;xsd:schema targetNamespace="http://www.edifecs.com/xdata/200" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns="http://www.edifecs.com/xdata/200"
elementFormDefault="qualified" version="1.0"&gt;
  &lt;xsd:element name="T_Warehouse_Shipping_Advice" type="T_945"/&gt;
  &lt;xsd:complexType name="T_945"&gt;
    &lt;xsd:annotation&gt;
      &lt;xsd:documentation&gt;This Draft Standard for Trial Use contains the format and establishes the data contents of the Warehouse Shipping Advice Transaction Set (945) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by the warehouse to advise the depositor that shipment was made. It is used to reconcile order quantities with shipment quantities.&lt;/xsd:documentation&gt;
    &lt;/xsd:annotation&gt;
    &lt;xsd:sequence&gt;
      &lt;xsd:element name="Internal-Properties" type="Internal-Properties" minOccurs="0"/&gt;
      &lt;xsd:element name="S_Transaction_Set_Header" type="S_ST"/&gt;
      &lt;xsd:element name="S_Warehouse_Shipment_Identification" type="S_W06"/&gt;
      &lt;xsd:element name="L_Name" type="L_0100" maxOccurs="10"/&gt;
      &lt;xsd:element name="S_Date_Time" type="S_G62" maxOccurs="5"/&gt;
      &lt;xsd:element name="L_Assigned_Number" type="L_0300" nillable="true" minOccurs="0" maxOccurs="unbounded"/&gt;
      &lt;xsd:element name="S_Transaction_Set_Trailer" type="S_SE"/&gt;
    &lt;/xsd:sequence&gt;
    &lt;xsd:attribute name="Type" type="xsd:string" default="Transaction"/&gt;
    &lt;xsd:attribute name="ID" type="xsd:string" default="945"/&gt;
    &lt;xsd:attribute name="Name" type="xsd:string" default="Warehouse Shipping Advice"/&gt;
    &lt;xsd:attribute name="XDataVersion" type="xsd:string" fixed="2.0"/&gt;
    &lt;xsd:attribute name="Standard" type="xsd:string" fixed="X12"/&gt;
    &lt;xsd:attribute name="Version" type="xsd:string" default="V4010"/&gt;
    &lt;xsd:attribute name="GUID" type="xsd:string"/&gt;
    &lt;xsd:attribute name="CreatedBy" type="xsd:string"/&gt;
    &lt;xsd:attribute name="CreatedDate" type="xsd:dateTime"/&gt;
  &lt;/xsd:complexType&gt;
  &lt;xsd:complexType name="EDI-Element-String-Type"&gt;
    &lt;xsd:simpleContent&gt;
      &lt;xsd:extension base="xsd:string"&gt;
        &lt;xsd:attribute name="Type" type="xsd:string" default="Element"/&gt;
        &lt;xsd:attribute name="EDIDataType" type="xsd:string"/&gt;
        &lt;xsd:attribute name="Macro" type="xsd:string" use="optional"/&gt;
        &lt;xsd:attribute name="ApplicationInfo" type="xsd:string"/&gt;
        &lt;xsd:attribute name="ID" type="xsd:string"/&gt;
        &lt;xsd:attribute name="Name" type="xsd:string"/&gt;
      &lt;/xsd:extension&gt;
    &lt;/xsd:simpleContent&gt;
  &lt;/xsd:complexType&gt;
  &lt;xsd:complexType name="EDI-Element-Integer-Type"&gt;
    &lt;xsd:simpleContent&gt;
      &lt;xsd:extension base="xsd:integer"&gt;
        &lt;xsd:attribute name="Type" type="xsd:string" default="Element"/&gt;
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        &lt;xsd:attribute name="Macro" type="xsd:string" use="optional"/&gt;
        &lt;xsd:attribute name="ApplicationInfo" type="xsd:string"/&gt;
        &lt;xsd:attribute name="ID" type="xsd:string"/&gt;
        &lt;xsd:attribute name="Name" type="xsd:string"/&gt;
      &lt;/xsd:extension&gt;
    &lt;/xsd:simpleContent&gt;
  &lt;/xsd:complexType&gt;
  &lt;xsd:complexType name="EDI-Element-Decimal-Type"&gt;
    &lt;xsd:simpleContent&gt;
      &lt;xsd:extension base="xsd:decimal"&gt;
        &lt;xsd:attribute name="Type" type="xsd:string" default="Element"/&gt;
        &lt;xsd:attribute name="EDIDataType" type="xsd:string"/&gt;
        &lt;xsd:attribute name="Macro" type="xsd:string" use="optional"/&gt;
        &lt;xsd:attribute name="ApplicationInfo" type="xsd:string"/&gt;
        &lt;xsd:attribute name="ID" type="xsd:string"/&gt;
        &lt;xsd:attribute name="Name" type="xsd:string"/&gt;
      &lt;/xsd:extension&gt;
    &lt;/xsd:simpleContent&gt;
  &lt;/xsd:complexType&gt;
  &lt;xsd:complexType name="EDI-Element-hexBinary-Type"&gt;
    &lt;xsd:simpleContent&gt;
      &lt;xsd:extension base="xsd:hexBinary"&gt;
        &lt;xsd:attribute name="Type" type="xsd:string" default="Element"/&gt;
        &lt;xsd:attribute name="EDIDataType" type="xsd:string"/&gt;
        &lt;xsd:attribute name="Macro" type="xsd:string" use="optional"/&gt;
        &lt;xsd:attribute name="ApplicationInfo" type="xsd:string"/&gt;
        &lt;xsd:attribute name="ID" type="xsd:string"/&gt;
        &lt;xsd:attribute name="Name" type="xsd:string"/&gt;
      &lt;/xsd:extension&gt;
    &lt;/xsd:simpleContent&gt;
  &lt;/xsd:complexType&gt;
</pre>
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<xsd:complexType name="EDI-Element-base64Binary-Type">
  <xsd:simpleContent>
    <xsd:extension base="xsd:base64Binary">
      <xsd:attribute name="Type" type="xsd:string" default="Element"/>
      <xsd:attribute name="EDIDataType" type="xsd:string"/>
      <xsd:attribute name="Macro" type="xsd:string" use="optional"/>
      <xsd:attribute name="ApplicationInfo" type="xsd:string"/>
      <xsd:attribute name="ID" type="xsd:string"/>
      <xsd:attribute name="Name" type="xsd:string"/>
    </xsd:extension>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="EDI-Element-Any-Type">
  <xsd:simpleContent>
    <xsd:extension base="xsd:string">
      <xsd:attribute name="Type" type="xsd:string" default="Element"/>
      <xsd:attribute name="EDIDataType" type="xsd:string"/>
      <xsd:attribute name="Macro" type="xsd:string" use="optional"/>
      <xsd:attribute name="ApplicationInfo" type="xsd:string"/>
      <xsd:attribute name="ID" type="xsd:string"/>
      <xsd:attribute name="Name" type="xsd:string"/>
    </xsd:extension>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="Internal-Properties">
  <xsd:sequence>
    <xsd:element name="Data-Structure" type="Data-Structure" minOccurs="0" maxOccurs="unbounded"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="Data-Structure">
  <xsd:sequence>
    <xsd:element name="Lookup" type="Lookup" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="Property" type="Property" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="Data-Structure" type="Data-Structure" minOccurs="0" maxOccurs="unbounded"/>
  </xsd:sequence>
  <xsd:attribute name="Name" type="xsd:string"/>
  <xsd:attribute name="GUID" type="xsd:string"/>
</xsd:complexType>
<xsd:complexType name="Lookup">
  <xsd:simpleContent>
    <xsd:extension base="xsd:string">
      <xsd:attribute name="Name" type="xsd:string"/>
    </xsd:extension>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="Property">
  <xsd:simpleContent>
    <xsd:extension base="xsd:string">
      <xsd:attribute name="Name" type="xsd:string"/>
    </xsd:extension>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="S_ST">
  <xsd:annotation>
    <xsd:documentation>To indicate the start of a transaction set and to assign a control number</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Transaction_Set_Identifier_Code" type="E_143"/>
    <xsd:element name="E_Transaction_Set_Control_Number" type="E_329"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
  <xsd:attribute name="ID" type="xsd:string" default="ST"/>
  <xsd:attribute name="Name" type="xsd:string" default="Transaction Set Header"/>
</xsd:complexType>
<xsd:complexType name="E_143">
  <xsd:annotation>
    <xsd:documentation>Code uniquely identifying a Transaction Set</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="945"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="143"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Transaction Set Identifier Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_329">
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<xsd:annotation>
  <xsd:documentation>Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction
set</xsd:documentation>
</xsd:annotation>
<xsd:simpleContent>
  <xsd:restriction base="EDI-Element-String-Type">
    <xsd:minLength value="4"/>
    <xsd:maxLength value="9"/>
    <xsd:attribute name="EDIDataType" type="xsd:string" fixed="AN"/>
    <xsd:attribute name="ID" type="xsd:string" fixed="329"/>
    <xsd:attribute name="Name" type="xsd:string" fixed="Transaction Set Control Number"/>
  </xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="S_W06">
  <xsd:annotation>
    <xsd:documentation>To provide identifying numbers, dates, and other basic data for this transaction set</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Reporting_Code" type="E_514"/>
    <xsd:element name="E_Depositor_Order_Number" type="E_285" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Date" type="E_373" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Shipment_Identification_Number" type="E_145" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Agent_Shipment_ID_Number" type="E_531" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Purchase_Order_Number" type="E_324" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Master_Reference_Link_Number" type="E_474" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Link_Sequence_Number" type="E_472" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Special_Handling_Code" type="E_152" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Shipping_Date_Change_Reason_Code" type="E_891" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Transaction_Type_Code" type="E_640"/>
    <xsd:element name="E_Action_Code" type="E_306" nillable="true" minOccurs="0"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
  <xsd:attribute name="ID" type="xsd:string" default="W06"/>
  <xsd:attribute name="Name" type="xsd:string" default="Warehouse Shipment Identification"/>
</xsd:complexType>
<xsd:complexType name="E_514">
  <xsd:annotation>
    <xsd:documentation>Code specifying the basis used when reporting shipment information</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="J"/>
      <xsd:enumeration value="K"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="514"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Reporting Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_285">
  <xsd:annotation>
    <xsd:documentation>Identifying number for warehouse shipping order assigned by the depositor</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_373">
  <xsd:annotation>
    <xsd:documentation>Date expressed as CCYYMMDD</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_145">
  <xsd:annotation>
    <xsd:documentation>Identification number assigned to the shipment by the shipper that uniquely identifies the shipment from origin to ultimate destination and is not subject to modification; (Does not contain blanks or special characters)</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_531">
  <xsd:annotation>
    <xsd:documentation>Identification number assigned to the shipment by the agent (Number does not contain blank or punctuation characters)</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_324">
  <xsd:annotation>
```



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<xsd:documentation>Identifying number for Purchase Order assigned by the orderer/purchaser</xsd:documentation>
</xsd:annotation>
<xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_474">
  <xsd:annotation>
    <xsd:documentation>Reference number assigned by the sender to relate a transaction set to a master transaction (When associating a group of purchase orders, invoices or other transaction sets, use the master reference (link) number to identify the group and the link sequence number to identify individual transaction sets within the group)</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_472">
  <xsd:annotation>
    <xsd:documentation>A two-part number in the form "SSSTTT" where "SSS" is a sequentially assigned number and "TTT" equals the highest sequential number being used within the associated (linked) group (Leading zeros are required for both "SSS" and "TTT")</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_152">
  <xsd:annotation>
    <xsd:documentation>Code specifying special transportation handling instructions</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_891">
  <xsd:annotation>
    <xsd:documentation>Code informing a depositor why shipment of an order was delayed</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_640">
  <xsd:annotation>
    <xsd:documentation>Code specifying the type of transaction</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="AZ"/>
      <xsd:enumeration value="DS"/>
      <xsd:enumeration value="NJ"/>
      <xsd:enumeration value="NK"/>
      <xsd:enumeration value="NL"/>
      <xsd:enumeration value="NM"/>
      <xsd:enumeration value="NP"/>
      <xsd:enumeration value="NQ"/>
      <xsd:enumeration value="NR"/>
      <xsd:enumeration value="NT"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="640"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Transaction Type Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_306">
  <xsd:annotation>
    <xsd:documentation>Code indicating type of action</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="W1"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="306"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Action Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="L_0100">
  <xsd:annotation>
    <xsd:documentation>To identify a party by type of organization, name, and code</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="S_Name" type="S_N1"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Loop"/>
  <xsd:attribute name="ID" type="xsd:string" default="0100"/>
  <xsd:attribute name="Name" type="xsd:string" default="Name"/>
</xsd:complexType>
```



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<xsd:complexType name="S_N1">
  <xsd:annotation>
    <xsd:documentation>To identify a party by type of organization, name, and code</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Entity_Identifier_Code" type="E_98"/>
    <xsd:element name="E_Name" type="E_93" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Identification_Code_Qualifier" type="E_66"/>
    <xsd:element name="E_Identification_Code" type="E_67"/>
    <xsd:element name="E_Entity_Relationship_Code" type="E_706" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Entity_Identifier_Code_1" type="E_98_1"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
  <xsd:attribute name="ID" type="xsd:string" default="N1"/>
  <xsd:attribute name="Name" type="xsd:string" default="Name"/>
</xsd:complexType>
<xsd:complexType name="E_98">
  <xsd:annotation>
    <xsd:documentation>Code identifying an organizational entity, a physical location, property or an individual</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="GP"/>
      <xsd:enumeration value="LG"/>
      <xsd:enumeration value="SB"/>
      <xsd:enumeration value="WL"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="98"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Entity Identifier Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_93">
  <xsd:annotation>
    <xsd:documentation>Free-form name</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_66">
  <xsd:annotation>
    <xsd:documentation>Code designating the system/method of code structure used for Identification Code (67)</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="1"/>
      <xsd:enumeration value="9"/>
      <xsd:enumeration value="10"/>
      <xsd:enumeration value="M4"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="66"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Identification Code Qualifier"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_67">
  <xsd:annotation>
    <xsd:documentation>Code identifying a party or other code</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:minLength value="2"/>
      <xsd:maxLength value="80"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="AN"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="67"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Identification Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_706">
  <xsd:annotation>
    <xsd:documentation>Code describing entity relationship</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_98_1">
  <xsd:annotation>
    <xsd:documentation>Code identifying an organizational entity, a physical location, property or an individual</xsd:documentation>
  </xsd:annotation>
```



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<xsd:simpleContent>
  <xsd:restriction base="EDI-Element-String-Type">
    <xsd:enumeration value="FR"/>
    <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
    <xsd:attribute name="ID" type="xsd:string" fixed="98"/>
    <xsd:attribute name="Name" type="xsd:string" fixed="Entity Identifier Code"/>
  </xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="S_G62">
  <xsd:annotation>
    <xsd:documentation>To specify pertinent dates and times</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Date_Qualifier" type="E_432"/>
    <xsd:element name="E_Date" type="E_373_1"/>
    <xsd:element name="E_Time_Qualifier" type="E_176"/>
    <xsd:element name="E_Time" type="E_337"/>
    <xsd:element name="E_Time_Code" type="E_623" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
  <xsd:attribute name="ID" type="xsd:string" default="G62"/>
  <xsd:attribute name="Name" type="xsd:string" default="Date/Time"/>
</xsd:complexType>
<xsd:complexType name="E_432">
  <xsd:annotation>
    <xsd:documentation>Code specifying type of date</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="BB"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="432"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Date Qualifier"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_373_1">
  <xsd:annotation>
    <xsd:documentation>Date expressed as CCYYMMDD</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:minLength value="8"/>
      <xsd:maxLength value="8"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="DT"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="373"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Date"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_176">
  <xsd:annotation>
    <xsd:documentation>Code specifying the reported time</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="W"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="176"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Time Qualifier"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_337">
  <xsd:annotation>
    <xsd:documentation>Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:minLength value="4"/>
      <xsd:maxLength value="8"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="TM"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="337"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Time"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
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</xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_623">
  <xsd:annotation>
    <xsd:documentation>Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow</xsd:documentation>
    <xsd:annotation>
      <xsd:attribute name="Type" type="xsd:string" default="Element"/>
    </xsd:annotation>
</xsd:complexType>
<xsd:complexType name="L_0300">
  <xsd:annotation>
    <xsd:documentation>To reference a line number in a transaction set</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="S_Assigned_Number" type="S_LX"/>
    <xsd:element name="L_Warehouse_Item_Detail" type="L_0310" maxOccurs="unbounded"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Loop"/>
  <xsd:attribute name="ID" type="xsd:string" default="0300"/>
  <xsd:attribute name="Name" type="xsd:string" default="Assigned Number"/>
</xsd:complexType>
<xsd:complexType name="S_LX">
  <xsd:annotation>
    <xsd:documentation>To reference a line number in a transaction set</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Assigned_Number" type="E_554"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
  <xsd:attribute name="ID" type="xsd:string" default="LX"/>
  <xsd:attribute name="Name" type="xsd:string" default="Assigned Number"/>
</xsd:complexType>
<xsd:complexType name="E_554">
  <xsd:annotation>
    <xsd:documentation>Number assigned for differentiation within a transaction set</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-Integer-Type">
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="N0"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="554"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Assigned Number"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="L_0310">
  <xsd:annotation>
    <xsd:documentation>To designate those line items that were shipped</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="S_Warehouse_Item_Detail" type="S_W12"/>
    <xsd:element name="S_Reference_Identification" type="S_N9" maxOccurs="200"/>
    <xsd:element name="S_Date_Time" type="S_G62_1" nillable="true" minOccurs="0" maxOccurs="10"/>
    <xsd:element name="S_Quantity" type="S_QTY" maxOccurs="10"/>
    <xsd:element name="S_Monetary_Amount" type="S_AMT" nillable="true" minOccurs="0"/>
    <xsd:element name="S_Carrier_Detail" type="S_W27" nillable="true" minOccurs="0"/>
    <xsd:element name="S_Name" type="S_N1_1" maxOccurs="5"/>
    <xsd:element name="L_Code_Source_Information" type="L_0311" maxOccurs="10"/>
    <xsd:element name="L_Loop_Header" type="L_LS" nillable="true" minOccurs="0"/>
    <xsd:element name="L_Type_of_Financial_Accounting_Data" type="L_0314" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Loop"/>
  <xsd:attribute name="ID" type="xsd:string" default="0310"/>
  <xsd:attribute name="Name" type="xsd:string" default="Warehouse Item Detail"/>
</xsd:complexType>
<xsd:complexType name="S_W12">
  <xsd:annotation>
    <xsd:documentation>To designate those line items that were shipped</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Shipment_Order_Status_Code" type="E_368"/>
    <xsd:element name="E_Quantity_Ordered" type="E_330" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Number_of_Units_Shipped" type="E_382" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Quantity_Difference" type="E_383" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Unit_or_Basis_for_Measurement_Code" type="E_355" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_U_P_C_Case_Code" type="E_438" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Product_Service_ID_Qualifier" type="E_235"/>
    <xsd:element name="E_Product_Service_ID" type="E_234"/>
  </xsd:sequence>
</xsd:complexType>
```



```
<xsd:element name="E_Warehouse_Lot_Number" type="E_451" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
<xsd:element name="E_Weight" type="E_81" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
<xsd:element name="E_Weight_Qualifier" type="E_187" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
<xsd:element name="E_Weight_Unit_Code" type="E_188" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
<xsd:element name="E_Weight_1" type="E_81" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
<xsd:element name="E_Weight_Qualifier_1" type="E_187" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
<xsd:element name="E_Weight_Unit_Code_1" type="E_188" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
<xsd:element name="E_U_P_C_Case_Code_1" type="E_438" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
<xsd:element name="E_Product_Service_ID_Qualifier_1" type="E_235_1" nillable="true" minOccurs="0"/>
<xsd:element name="E_Product_Service_ID_1" type="E_234" nillable="true" minOccurs="0"/>
<xsd:element name="E_Line_Item_Change_Reason_Code" type="E_892" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
<xsd:element name="E_Warehouse_Detail_Adjustment_Identifier" type="E_893" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
<xsd:element name="E_Product_Service_ID_Qualifier_2" type="E_235_2" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
<xsd:element name="E_Product_Service_ID_2" type="E_234_1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
</xsd:sequence>
<xsd:attribute name="Type" type="xsd:string" default="Segment"/>
<xsd:attribute name="ID" type="xsd:string" default="W12"/>
<xsd:attribute name="Name" type="xsd:string" default="Warehouse Item Detail"/>
</xsd:complexType>
<xsd:complexType name="E_368">
  <xsd:annotation>
    <xsd:documentation>Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="SA"/>
      <xsd:enumeration value="SC"/>
      <xsd:enumeration value="UR"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="368"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Shipment/Order Status Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_330">
  <xsd:annotation>
    <xsd:documentation>Quantity ordered</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_382">
  <xsd:annotation>
    <xsd:documentation>Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_383">
  <xsd:annotation>
    <xsd:documentation>Numeric value of variance between ordered and shipped quantities</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_355">
  <xsd:annotation>
    <xsd:documentation>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_438">
  <xsd:annotation>
    <xsd:documentation>Code (Universal Product Code - U.P.C.) including two high order digits identifying the "system" (U.S. Grocery = 00, 06 or 07; U.S. Drug = 03); using the U.S. Grocery system, the next ten digits are: Manufacturer (5) Case Code (5)</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_235">
  <xsd:annotation>
    <xsd:documentation>Code identifying the type/source of the descriptive number used in Product/Service ID (234)</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="A1"/>
      <xsd:enumeration value="A2"/>
      <xsd:enumeration value="A4"/>
      <xsd:enumeration value="FB"/>
      <xsd:enumeration value="FS"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
```



```
<xsd:enumeration value="FT"/>
<xsd:enumeration value="MG"/>
<xsd:enumeration value="YP"/>
<xsd:enumeration value="ZZ"/>
<xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
<xsd:attribute name="ID" type="xsd:string" fixed="235"/>
<xsd:attribute name="Name" type="xsd:string" fixed="Product/Service ID Qualifier"/>
</xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_234">
  <xsd:annotation>
    <xsd:documentation>Identifying number for a product or service</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:minLength value="1"/>
      <xsd:maxLength value="48"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="AN"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="234"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Product/Service ID"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_451">
  <xsd:annotation>
    <xsd:documentation>Reference number assigned by the warehouse</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_81">
  <xsd:annotation>
    <xsd:documentation>Numeric value of weight</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_187">
  <xsd:annotation>
    <xsd:documentation>Code defining the type of weight</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_188">
  <xsd:annotation>
    <xsd:documentation>Code specifying the weight unit</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_235_1">
  <xsd:annotation>
    <xsd:documentation>Code identifying the type/source of the descriptive number used in Product/Service ID (234)</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="CN"/>
      <xsd:enumeration value="ZB"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="235"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Product/Service ID Qualifier"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_892">
  <xsd:annotation>
    <xsd:documentation>Code defining reason for any difference between quantity ordered and quantity shipped for a line item</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_893">
  <xsd:annotation>
    <xsd:documentation>Code to identify detail line item as an adjustment to inventory levels</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_235_2">
  <xsd:annotation>
    <xsd:documentation>Code identifying the type/source of the descriptive number used in Product/Service ID (234)</xsd:documentation>
  </xsd:annotation>
```



```
<xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_234_1">
  <xsd:annotation>
    <xsd:documentation>Identifying number for a product or service</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="S_N9">
  <xsd:annotation>
    <xsd:documentation>To transmit identifying information as specified by the Reference Identification Qualifier</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Reference_Identification_Qualifier" type="E_128"/>
    <xsd:element name="E_Reference_Identification" type="E_127"/>
    <xsd:element name="E_Free-form_Description" type="E_369" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Date" type="E_373" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Time" type="E_337_1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Time_Code" type="E_623" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="C_Reference_Identifier" type="C_C040" nillable="true" minOccurs="0" maxOccurs="0"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
  <xsd:attribute name="ID" type="xsd:string" default="N9"/>
  <xsd:attribute name="Name" type="xsd:string" default="Reference Identification"/>
</xsd:complexType>
<xsd:complexType name="E_128">
  <xsd:annotation>
    <xsd:documentation>Code qualifying the Reference Identification</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="21"/>
      <xsd:enumeration value="4C"/>
      <xsd:enumeration value="87"/>
      <xsd:enumeration value="AH"/>
      <xsd:enumeration value="CT"/>
      <xsd:enumeration value="TG"/>
      <xsd:enumeration value="TN"/>
      <xsd:enumeration value="TT"/>
      <xsd:enumeration value="W1"/>
      <xsd:enumeration value="W3"/>
      <xsd:enumeration value="WO"/>
      <xsd:enumeration value="X9"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="128"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Reference Identification Qualifier"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_127">
  <xsd:annotation>
    <xsd:documentation>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:minLength value="1"/>
      <xsd:maxLength value="30"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="AN"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="127"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Reference Identification"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_369">
  <xsd:annotation>
    <xsd:documentation>Free-form descriptive text</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:minLength value="1"/>
      <xsd:maxLength value="45"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="AN"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="369"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Free-form Description"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
```



```
<xsd:complexType name="E_337_1">
  <xsd:annotation>
    <xsd:documentation>Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)
  </xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="C_C040">
  <xsd:annotation>
    <xsd:documentation>To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Reference_Identification_Qualifier" type="E_128_1"/>
    <xsd:element name="E_Reference_Identification" type="E_127"/>
    <xsd:element name="E_Reference_Identification_Qualifier_1" type="E_127" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Reference_Identification_1" type="E_127" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Reference_Identification_Qualifier_2" type="E_128_3" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Reference_Identification_2" type="E_127" nillable="true" minOccurs="0"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Composite"/>
  <xsd:attribute name="ID" type="xsd:string" default="C040"/>
  <xsd:attribute name="Name" type="xsd:string" default="Reference Identifier"/>
</xsd:complexType>
<xsd:complexType name="E_128_1">
  <xsd:annotation>
    <xsd:documentation>Code qualifying the Reference Identification</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="08"/>
      <xsd:enumeration value="16"/>
      <xsd:enumeration value="1Y"/>
      <xsd:enumeration value="AW"/>
      <xsd:enumeration value="BL"/>
      <xsd:enumeration value="BM"/>
      <xsd:enumeration value="IZ"/>
      <xsd:enumeration value="K1"/>
      <xsd:enumeration value="K2"/>
      <xsd:enumeration value="K3"/>
      <xsd:enumeration value="LJ"/>
      <xsd:enumeration value="W8"/>
      <xsd:enumeration value="WY"/>
      <xsd:enumeration value="ZH"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="128"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Reference Identification Qualifier"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_128_2">
  <xsd:annotation>
    <xsd:documentation>Code qualifying the Reference Identification</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="GE"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="128"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Reference Identification Qualifier"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_128_3">
  <xsd:annotation>
    <xsd:documentation>Code qualifying the Reference Identification</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="GL"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="128"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Reference Identification Qualifier"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="S_G62_1">
  <xsd:annotation>
```



```
<xsd:documentation>To specify pertinent dates and times</xsd:documentation>
</xsd:annotation>
<xsd:sequence>
  <xsd:element name="E_Date_Qualifier" type="E_432_1"/>
  <xsd:element name="E_Date" type="E_373_1"/>
  <xsd:element name="E_Time_Qualifier" type="E_176_1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  <xsd:element name="E_Time" type="E_337_1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  <xsd:element name="E_Time_Code" type="E_623" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
</xsd:sequence>
<xsd:attribute name="Type" type="xsd:string" default="Segment"/>
<xsd:attribute name="ID" type="xsd:string" default="G62"/>
<xsd:attribute name="Name" type="xsd:string" default="Date/Time"/>
</xsd:complexType>
<xsd:complexType name="E_432_1">
  <xsd:annotation>
    <xsd:documentation>Code specifying type of date</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="09"/>
      <xsd:enumeration value="11"/>
      <xsd:enumeration value="17"/>
      <xsd:enumeration value="BD"/>
      <xsd:enumeration value="BH"/>
      <xsd:enumeration value="BU"/>
      <xsd:enumeration value="TR"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="432"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Date Qualifier"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_176_1">
  <xsd:annotation>
    <xsd:documentation>Code specifying the reported time</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="S_QTY">
  <xsd:annotation>
    <xsd:documentation>To specify quantity information</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Quantity_Qualifier" type="E_673"/>
    <xsd:element name="E_Quantity" type="E_380"/>
    <xsd:element name="C_Composite_Unit_of_Measure" type="C_C001" maxOccurs="0"/>
    <xsd:element name="E_Free-Form_Message" type="E_61" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
  <xsd:attribute name="ID" type="xsd:string" default="QTY"/>
  <xsd:attribute name="Name" type="xsd:string" default="Quantity"/>
</xsd:complexType>
<xsd:complexType name="E_673">
  <xsd:annotation>
    <xsd:documentation>Code specifying the type of quantity</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="01"/>
      <xsd:enumeration value="03"/>
      <xsd:enumeration value="39"/>
      <xsd:enumeration value="QC"/>
      <xsd:enumeration value="V1"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="673"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Quantity Qualifier"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_380">
  <xsd:annotation>
    <xsd:documentation>Numeric value of quantity</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-Decimal-Type">
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="R"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="380"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Quantity"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
```



```
</xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="C_C001">
  <xsd:annotation>
    <xsd:documentation>To identify a composite unit of measure(See Figures Appendix for examples of use)</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Unit_or_Basis_for_Measurement_Code" type="E_355_1"/>
    <xsd:element name="E_Exponent" type="E_1018" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Multiplier" type="E_649" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Unit_or_Basis_for_Measurement_Code_1" type="E_355" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Exponent_1" type="E_1018_1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Multiplier_1" type="E_649" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Unit_or_Basis_for_Measurement_Code_2" type="E_355" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Exponent_2" type="E_1018_1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Multiplier_2" type="E_649" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
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<xsd:enumeration value="SF"/>
<xsd:enumeration value="SG"/>
<xsd:enumeration value="SH"/>
<xsd:enumeration value="SI"/>
<xsd:enumeration value="SJ"/>
```



```
<xsd:enumeration value="SK"/>
<xsd:enumeration value="SL"/>
<xsd:enumeration value="SM"/>
<xsd:enumeration value="SN"/>
<xsd:enumeration value="SO"/>
<xsd:enumeration value="SP"/>
<xsd:enumeration value="SQ"/>
<xsd:enumeration value="SR"/>
<xsd:enumeration value="SS"/>
<xsd:enumeration value="ST"/>
<xsd:enumeration value="SV"/>
<xsd:enumeration value="SW"/>
<xsd:enumeration value="SX"/>
<xsd:enumeration value="SY"/>
<xsd:enumeration value="SZ"/>
<xsd:enumeration value="T0"/>
<xsd:enumeration value="T1"/>
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<xsd:enumeration value="TE"/>
<xsd:enumeration value="TF"/>
<xsd:enumeration value="TG"/>
<xsd:enumeration value="TH"/>
<xsd:enumeration value="TI"/>
<xsd:enumeration value="TJ"/>
<xsd:enumeration value="TK"/>
<xsd:enumeration value="TL"/>
<xsd:enumeration value="TM"/>
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<xsd:enumeration value="TO"/>
<xsd:enumeration value="TP"/>
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<xsd:enumeration value="TZ"/>
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<xsd:enumeration value="U5"/>
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<xsd:enumeration value="UB"/>
<xsd:enumeration value="UC"/>
<xsd:enumeration value="UD"/>
<xsd:enumeration value="UE"/>
<xsd:enumeration value="UF"/>
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<xsd:enumeration value="UM"/>
<xsd:enumeration value="UN"/>
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<xsd:enumeration value="UQ"/>
<xsd:enumeration value="UR"/>
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<xsd:enumeration value="UT"/>
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<xsd:enumeration value="UV"/>
<xsd:enumeration value="UW"/>
<xsd:enumeration value="UX"/>
<xsd:enumeration value="UY"/>
<xsd:enumeration value="UZ"/>
<xsd:enumeration value="V1"/>
<xsd:enumeration value="V2"/>
```



```
<xsd:enumeration value="VA"/>
<xsd:enumeration value="VC"/>
<xsd:enumeration value="VI"/>
<xsd:enumeration value="VP"/>
<xsd:enumeration value="VR"/>
<xsd:enumeration value="VS"/>
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<xsd:enumeration value="WE"/>
<xsd:enumeration value="WG"/>
<xsd:enumeration value="WH"/>
<xsd:enumeration value="WI"/>
<xsd:enumeration value="WK"/>
<xsd:enumeration value="WM"/>
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<xsd:enumeration value="X7"/>
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<xsd:enumeration value="X9"/>
<xsd:enumeration value="XP"/>
<xsd:enumeration value="Y1"/>
<xsd:enumeration value="Y2"/>
<xsd:enumeration value="Y3"/>
<xsd:enumeration value="Y4"/>
<xsd:enumeration value="YD"/>
<xsd:enumeration value="YL"/>
<xsd:enumeration value="YR"/>
<xsd:enumeration value="YT"/>
<xsd:enumeration value="Z1"/>
<xsd:enumeration value="Z2"/>
<xsd:enumeration value="Z3"/>
<xsd:enumeration value="Z4"/>
<xsd:enumeration value="Z5"/>
<xsd:enumeration value="Z6"/>
<xsd:enumeration value="Z8"/>
<xsd:enumeration value="ZA"/>
<xsd:enumeration value="ZB"/>
<xsd:enumeration value="ZC"/>
<xsd:enumeration value="ZP"/>
<xsd:enumeration value="ZZ"/>
<xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
<xsd:attribute name="ID" type="xsd:string" fixed="355"/>
<xsd:attribute name="Name" type="xsd:string" fixed="Unit or Basis for Measurement Code"/>
</xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_1018">
<xsd:annotation>
<xsd:documentation>Power to which a unit is raised</xsd:documentation>
</xsd:annotation>
<xsd:simpleContent>
<xsd:restriction base="EDI-Element-Decimal-Type">
<xsd:attribute name="EDIDataType" type="xsd:string" fixed="R"/>
<xsd:attribute name="ID" type="xsd:string" fixed="1018"/>
<xsd:attribute name="Name" type="xsd:string" fixed="Exponent"/>
</xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_649">
<xsd:annotation>
<xsd:documentation>Value to be used as a multiplier to obtain a new value</xsd:documentation>
</xsd:annotation>
<xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_1018_1">
<xsd:annotation>
<xsd:documentation>Power to which a unit is raised</xsd:documentation>
</xsd:annotation>
<xsd:attribute name="Type" type="xsd:string" default="Element"/>
```



```
</xsd:complexType>
<xsd:complexType name="E_61">
  <xsd:annotation>
    <xsd:documentation>Free-form information</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="S_AMT">
  <xsd:annotation>
    <xsd:documentation>To indicate the total monetary amount</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Amount_Qualifier_Code" type="E_522"/>
    <xsd:element name="E_Monetary_Amount" type="E_782"/>
    <xsd:element name="E_Credit_Debit_Flag_Code" type="E_478" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
  <xsd:attribute name="ID" type="xsd:string" default="AMT"/>
  <xsd:attribute name="Name" type="xsd:string" default="Monetary Amount"/>
</xsd:complexType>
<xsd:complexType name="E_522">
  <xsd:annotation>
    <xsd:documentation>Code to qualify amount</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="NT"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="522"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Amount Qualifier Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_782">
  <xsd:annotation>
    <xsd:documentation>Monetary amount</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-Decimal-Type">
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="R"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="782"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Monetary Amount"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_478">
  <xsd:annotation>
    <xsd:documentation>Code indicating whether amount is a credit or debit</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="S_W27">
  <xsd:annotation>
    <xsd:documentation>To specify details of the transportation equipment and carrier routing details</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Transportation_Method_Type_Code" type="E_91"/>
    <xsd:element name="E_Standard_Carrier_Alpha_Code" type="E_140"/>
    <xsd:element name="E_Routing" type="E_387" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Shipment_Method_of_Payment" type="E_146" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Equipment_Description_Code" type="E_40" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Equipment_Initial" type="E_206" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Equipment_Number" type="E_207" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Shipment_Order_Status_Code" type="E_368_1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Special_Handling_Code" type="E_152" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Carrier_Route_Change_Reason_Code" type="E_890" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
  <xsd:attribute name="ID" type="xsd:string" default="W27"/>
  <xsd:attribute name="Name" type="xsd:string" default="Carrier Detail"/>
</xsd:complexType>
<xsd:complexType name="E_91">
  <xsd:annotation>
    <xsd:documentation>Code specifying the method or type of transportation for the shipment</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
```



```
<xsd:attribute name="ID" type="xsd:string" fixed="91"/>
    <xsd:attribute name="Name" type="xsd:string" fixed="Transportation Method/Type Code"/>
</xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_140">
    <xsd:annotation>
        <xsd:documentation>Standard Carrier Alpha Code</xsd:documentation>
    </xsd:annotation>
    <xsd:simpleContent>
        <xsd:restriction base="EDI-Element-String-Type">
            <xsd:minLength value="2"/>
            <xsd:maxLength value="4"/>
            <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
            <xsd:attribute name="ID" type="xsd:string" fixed="140"/>
            <xsd:attribute name="Name" type="xsd:string" fixed="Standard Carrier Alpha Code"/>
        </xsd:restriction>
    </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_387">
    <xsd:annotation>
        <xsd:documentation>Free-form description of the routing or requested routing for shipment, or the originating carrier's identity</xsd:documentation>
    </xsd:annotation>
    <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_146">
    <xsd:annotation>
        <xsd:documentation>Code identifying payment terms for transportation charges</xsd:documentation>
    </xsd:annotation>
    <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_40">
    <xsd:annotation>
        <xsd:documentation>Code identifying type of equipment used for shipment</xsd:documentation>
    </xsd:annotation>
    <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_206">
    <xsd:annotation>
        <xsd:documentation>Prefix or alphabetic part of an equipment unit's identifying number</xsd:documentation>
    </xsd:annotation>
    <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_207">
    <xsd:annotation>
        <xsd:documentation>Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)</xsd:documentation>
    </xsd:annotation>
    <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_368_1">
    <xsd:annotation>
        <xsd:documentation>Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction</xsd:documentation>
    </xsd:annotation>
    <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_890">
    <xsd:annotation>
        <xsd:documentation>Code reflecting reason a requested carrier or route was changed</xsd:documentation>
    </xsd:annotation>
    <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="S_N1_1">
    <xsd:annotation>
        <xsd:documentation>To identify a party by type of organization, name, and code</xsd:documentation>
    </xsd:annotation>
    <xsd:sequence>
        <xsd:element name="E_Entity_Identifier_Code" type="E_98_2"/>
        <xsd:element name="E_Name" type="E_93_1" nillable="true" minOccurs="0"/>
        <xsd:element name="E_Identification_Code_Qualifier" type="E_66_1"/>
        <xsd:element name="E_Identification_Code" type="E_67"/>
        <xsd:element name="E_Entity_Relationship_Code" type="E_706" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
        <xsd:element name="E_Entity_Identifier_Code_1" type="E_98_3" nillable="true" minOccurs="0"/>
    </xsd:sequence>
    <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
    <xsd:attribute name="ID" type="xsd:string" default="N1"/>
    <xsd:attribute name="Name" type="xsd:string" default="Name"/>
```



```
</xsd:complexType>
<xsd:complexType name="E_98_2">
  <xsd:annotation>
    <xsd:documentation>Code identifying an organizational entity, a physical location, property or an individual</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="CA"/>
      <xsd:enumeration value="CN"/>
      <xsd:enumeration value="DA"/>
      <xsd:enumeration value="LG"/>
      <xsd:enumeration value="ST"/>
      <xsd:enumeration value="Z1"/>
      <xsd:enumeration value="Z4"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="98"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Entity Identifier Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_93_1">
  <xsd:annotation>
    <xsd:documentation>Free-form name</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:minLength value="1"/>
      <xsd:maxLength value="60"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="AN"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="93"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Name"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_66_1">
  <xsd:annotation>
    <xsd:documentation>Code designating the system/method of code structure used for Identification Code (67)</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="1"/>
      <xsd:enumeration value="2"/>
      <xsd:enumeration value="9"/>
      <xsd:enumeration value="10"/>
      <xsd:enumeration value="M4"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="66"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Identification Code Qualifier"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_98_3">
  <xsd:annotation>
    <xsd:documentation>Code identifying an organizational entity, a physical location, property or an individual</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="TO"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="98"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Entity Identifier Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="L_0311">
  <xsd:annotation>
    <xsd:documentation>To transmit standard code list identification information</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="S_Code_Source_Information" type="S_LM"/>
    <xsd:element name="S_Industry_Code" type="S_LQ" maxOccurs="100"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Loop"/>
  <xsd:attribute name="ID" type="xsd:string" default="0311"/>
  <xsd:attribute name="Name" type="xsd:string" default="Code Source Information"/>
</xsd:complexType>
<xsd:complexType name="S_LM">
  <xsd:annotation>
```



```
<xsd:documentation>To transmit standard code list identification information</xsd:documentation>
</xsd:annotation>
<xsd:sequence>
  <xsd:element name="E_Agency_Qualifier_Code" type="E_559"/>
  <xsd:element name="E_Source_Subqualifier" type="E_822" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
</xsd:sequence>
<xsd:attribute name="Type" type="xsd:string" default="Segment"/>
<xsd:attribute name="ID" type="xsd:string" default="LM"/>
<xsd:attribute name="Name" type="xsd:string" default="Code Source Information"/>
</xsd:complexType>
<xsd:complexType name="E_559">
  <xsd:annotation>
    <xsd:documentation>Code identifying the agency assigning the code values</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="DF"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="559"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Agency Qualifier Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_822">
  <xsd:annotation>
    <xsd:documentation>A reference that indicates the table or text maintained by the Source Qualifier</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="S_LQ">
  <xsd:annotation>
    <xsd:documentation>Code to transmit standard industry codes</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Code_List_Qualifier_Code" type="E_1270"/>
    <xsd:element name="E_Industry_Code" type="E_1271"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
  <xsd:attribute name="ID" type="xsd:string" default="LQ"/>
  <xsd:attribute name="Name" type="xsd:string" default="Industry Code"/>
</xsd:complexType>
<xsd:complexType name="E_1270">
  <xsd:annotation>
    <xsd:documentation>Code identifying a specific industry code list</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="0"/>
      <xsd:enumeration value="36"/>
      <xsd:enumeration value="37"/>
      <xsd:enumeration value="38"/>
      <xsd:enumeration value="58"/>
      <xsd:enumeration value="78"/>
      <xsd:enumeration value="79"/>
      <xsd:enumeration value="81"/>
      <xsd:enumeration value="83"/>
      <xsd:enumeration value="84"/>
      <xsd:enumeration value="85"/>
      <xsd:enumeration value="87"/>
      <xsd:enumeration value="88"/>
      <xsd:enumeration value="90"/>
      <xsd:enumeration value="91"/>
      <xsd:enumeration value="92"/>
      <xsd:enumeration value="93"/>
      <xsd:enumeration value="99"/>
      <xsd:enumeration value="A1"/>
      <xsd:enumeration value="A9"/>
      <xsd:enumeration value="AK"/>
      <xsd:enumeration value="AL"/>
      <xsd:enumeration value="BC"/>
      <xsd:enumeration value="DE"/>
      <xsd:enumeration value="DF"/>
      <xsd:enumeration value="HD"/>
      <xsd:enumeration value="COG"/>
      <xsd:enumeration value="IMC"/>
      <xsd:enumeration value="MCC"/>
      <xsd:enumeration value="SMI"/>
    </xsd:restriction>
    <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
  </xsd:simpleContent>
</xsd:complexType>
```



```
<xsd:attribute name="ID" type="xsd:string" fixed="1270"/>
    <xsd:attribute name="Name" type="xsd:string" fixed="Code List Qualifier Code"/>
</xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_1271">
    <xsd:annotation>
        <xsd:documentation>Code indicating a code from a specific industry code list</xsd:documentation>
    </xsd:annotation>
    <xsd:simpleContent>
        <xsd:restriction base="EDI-Element-String-Type">
            <xsd:minLength value="1"/>
            <xsd:maxLength value="30"/>
            <xsd:attribute name="EDIDataType" type="xsd:string" fixed="AN"/>
            <xsd:attribute name="ID" type="xsd:string" fixed="1271"/>
            <xsd:attribute name="Name" type="xsd:string" fixed="Industry Code"/>
        </xsd:restriction>
    </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="L_LS">
    <xsd:annotation>
        <xsd:documentation>To indicate that the next segment begins a loop</xsd:documentation>
    </xsd:annotation>
    <xsd:sequence>
        <xsd:element name="S_Loop_Header" type="S_LS"/>
        <xsd:element name="L_Assigned_Number" type="L_0312" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
        <xsd:element name="S_Loop_Trailer" type="S_LE"/>
    </xsd:sequence>
    <xsd:attribute name="Type" type="xsd:string" default="Loop"/>
    <xsd:attribute name="ID" type="xsd:string" default="LS"/>
    <xsd:attribute name="Name" type="xsd:string" default="Loop Header"/>
</xsd:complexType>
<xsd:complexType name="S_LS">
    <xsd:annotation>
        <xsd:documentation>To indicate that the next segment begins a loop</xsd:documentation>
    </xsd:annotation>
    <xsd:sequence>
        <xsd:element name="E_Loop_Identifier_Code" type="E_447"/>
    </xsd:sequence>
    <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
    <xsd:attribute name="ID" type="xsd:string" default="LS"/>
    <xsd:attribute name="Name" type="xsd:string" default="Loop Header"/>
</xsd:complexType>
<xsd:complexType name="E_447">
    <xsd:annotation>
        <xsd:documentation>The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE</xsd:documentation>
    </xsd:annotation>
    <xsd:simpleContent>
        <xsd:restriction base="EDI-Element-String-Type">
            <xsd:minLength value="1"/>
            <xsd:maxLength value="6"/>
            <xsd:attribute name="EDIDataType" type="xsd:string" fixed="AN"/>
            <xsd:attribute name="ID" type="xsd:string" fixed="447"/>
            <xsd:attribute name="Name" type="xsd:string" fixed="Loop Identifier Code"/>
        </xsd:restriction>
    </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="L_0312">
    <xsd:annotation>
        <xsd:documentation>To reference a line number in a transaction set</xsd:documentation>
    </xsd:annotation>
    <xsd:sequence>
        <xsd:element name="S_Assigned_Number" type="S_LX"/>
        <xsd:element name="S_Reference_Identification" type="S_N9_1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
        <xsd:element name="S_Date_Time" type="S_G62_2" nillable="true" minOccurs="0" maxOccurs="10"/>
        <xsd:element name="S_Name" type="S_N1_2" nillable="true" minOccurs="0"/>
    </xsd:sequence>
    <xsd:attribute name="Type" type="xsd:string" default="Loop"/>
    <xsd:attribute name="ID" type="xsd:string" default="0312"/>
    <xsd:attribute name="Name" type="xsd:string" default="Assigned Number"/>
</xsd:complexType>
<xsd:complexType name="S_N9_1">
    <xsd:annotation>
        <xsd:documentation>To transmit identifying information as specified by the Reference Identification Qualifier</xsd:documentation>
    </xsd:annotation>
    <xsd:sequence>
        <xsd:element name="E_Reference_Identification_Qualifier" type="E_128_4"/>
    </xsd:sequence>
</xsd:complexType>
```

```
<xsd:element name="E_Reference_Identification" type="E_127"/>
<xsd:element name="E_Free-form_Description" type="E_369_1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
<xsd:element name="E_Date" type="E_373" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
<xsd:element name="E_Time" type="E_337_1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
<xsd:element name="E_Time_Code" type="E_623" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
<xsd:element name="C_Reference_Identifier" type="C_C040_1" nillable="true" minOccurs="0" maxOccurs="0"/>
</xsd:sequence>
<xsd:attribute name="Type" type="xsd:string" default="Segment"/>
<xsd:attribute name="ID" type="xsd:string" default="N9"/>
<xsd:attribute name="Name" type="xsd:string" default="Reference Identification"/>
</xsd:complexType>
<xsd:complexType name="E_128_4">
  <xsd:annotation>
    <xsd:documentation>Code qualifying the Reference Identification</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="BT"/>
      <xsd:enumeration value="LT"/>
      <xsd:enumeration value="SE"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="128"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Reference Identification Qualifier"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_369_1">
  <xsd:annotation>
    <xsd:documentation>Free-form descriptive text</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="C_C040_1">
  <xsd:annotation>
    <xsd:documentation>To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Reference_Identification_Qualifier" type="E_128_5" maxOccurs="unbounded"/>
    <xsd:element name="E_Reference_Identification" type="E_127_1" maxOccurs="unbounded"/>
    <xsd:element name="E_Reference_Identification_Qualifier_1" type="E_128_5" maxOccurs="unbounded"/>
    <xsd:element name="E_Reference_Identification_1" type="E_127_1" maxOccurs="unbounded"/>
    <xsd:element name="E_Reference_Identification_Qualifier_2" type="E_128_5" maxOccurs="unbounded"/>
    <xsd:element name="E_Reference_Identification_2" type="E_127_1" maxOccurs="unbounded"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Composite"/>
  <xsd:attribute name="ID" type="xsd:string" default="C040"/>
  <xsd:attribute name="Name" type="xsd:string" default="Reference Identifier"/>
</xsd:complexType>
<xsd:complexType name="E_128_5">
  <xsd:annotation>
    <xsd:documentation>Code qualifying the Reference Identification</xsd:documentation>
  </xsd:annotation>
</xsd:complexType>
<xsd:complexType name="E_127_1">
  <xsd:annotation>
    <xsd:documentation>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</xsd:documentation>
  </xsd:annotation>
</xsd:complexType>
<xsd:complexType name="S_G62_2">
  <xsd:annotation>
    <xsd:documentation>To specify pertinent dates and times</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Date_Qualifier" type="E_432_2"/>
    <xsd:element name="E_Date" type="E_373_1"/>
    <xsd:element name="E_Time_Qualifier" type="E_176_1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Time" type="E_337_1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Time_Code" type="E_623" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
  <xsd:attribute name="ID" type="xsd:string" default="G62"/>
  <xsd:attribute name="Name" type="xsd:string" default="Date/Time"/>
</xsd:complexType>
<xsd:complexType name="E_432_2">
  <xsd:annotation>
    <xsd:documentation>Code specifying type of date</xsd:documentation>
  </xsd:annotation>
</xsd:complexType>
```



```
<xsd:simpleContent>
  <xsd:restriction base="EDI-Element-String-Type">
    <xsd:enumeration value="3G"/>
    <xsd:enumeration value="BF"/>
    <xsd:enumeration value="BK"/>
    <xsd:enumeration value="BL"/>
    <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
    <xsd:attribute name="ID" type="xsd:string" fixed="432"/>
    <xsd:attribute name="Name" type="xsd:string" fixed="Date Qualifier"/>
  </xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="S_N1_2">
  <xsd:annotation>
    <xsd:documentation>To identify a party by type of organization, name, and code</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Entity_Identifier_Code" type="E_98_4"/>
    <xsd:element name="E_Name" type="E_93" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Identification_Code_Qualifier" type="E_66_2"/>
    <xsd:element name="E_Identification_Code" type="E_67"/>
    <xsd:element name="E_Entity_Relationship_Code" type="E_706" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Entity_Identifier_Code_1" type="E_98_5" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
  <xsd:attribute name="ID" type="xsd:string" default="N1"/>
  <xsd:attribute name="Name" type="xsd:string" default="Name"/>
</xsd:complexType>
<xsd:complexType name="E_98_4">
  <xsd:annotation>
    <xsd:documentation>Code identifying an organizational entity, a physical location, property or an individual</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="MF"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="98"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Entity Identifier Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_66_2">
  <xsd:annotation>
    <xsd:documentation>Code designating the system/method of code structure used for Identification Code (67)</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="33"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="66"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Identification Code Qualifier"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_98_5">
  <xsd:annotation>
    <xsd:documentation>Code identifying an organizational entity, a physical location, property or an individual</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="S_LE">
  <xsd:annotation>
    <xsd:documentation>To indicate that the loop immediately preceding this segment is complete</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Loop_Identifier_Code" type="E_447"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
  <xsd:attribute name="ID" type="xsd:string" default="LE"/>
  <xsd:attribute name="Name" type="xsd:string" default="Loop Trailer"/>
</xsd:complexType>
<xsd:complexType name="L_0314">
  <xsd:annotation>
    <xsd:documentation>To specify the organization controlling the content of the accounting citation, and the purpose associated with the accounting citation</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="S_Type_of_Financial_Accounting_Data" type="S_FA1"/>
  </xsd:sequence>
</xsd:complexType>
```



```
<xsd:element name="S_Accounting_Data" type="S_FA2" maxOccurs="unbounded"/>
</xsd:sequence>
<xsd:attribute name="Type" type="xsd:string" default="Loop"/>
<xsd:attribute name="ID" type="xsd:string" default="0314"/>
<xsd:attribute name="Name" type="xsd:string" default="Type of Financial Accounting Data"/>
</xsd:complexType>
<xsd:complexType name="S_FA1">
  <xsd:annotation>
    <xsd:documentation>To specify the organization controlling the content of the accounting citation, and the purpose associated with the accounting citation</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Agency_Qualifier_Code" type="E_559_1"/>
    <xsd:element name="E_Service__Promotion__Allowance__or_Charge_Code" type="E_1300"/>
    <xsd:element name="E_Allowance_or_Charge_Indicator" type="E_248" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
  <xsd:attribute name="ID" type="xsd:string" default="FA1"/>
  <xsd:attribute name="Name" type="xsd:string" default="Type of Financial Accounting Data"/>
</xsd:complexType>
<xsd:complexType name="E_559_1">
  <xsd:annotation>
    <xsd:documentation>Code identifying the agency assigning the code values</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="DF"/>
      <xsd:enumeration value="DN"/>
      <xsd:enumeration value="DY"/>
      <xsd:enumeration value="DZ"/>
      <xsd:enumeration value="FG"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="559"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Agency Qualifier Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_1300">
  <xsd:annotation>
    <xsd:documentation>Code identifying the service, promotion, allowance, or charge</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="A170"/>
      <xsd:enumeration value="A520"/>
      <xsd:enumeration value="C930"/>
      <xsd:enumeration value="D340"/>
      <xsd:enumeration value="F060"/>
      <xsd:enumeration value="F560"/>
      <xsd:enumeration value="I260"/>
      <xsd:enumeration value="R060"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="1300"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Service, Promotion, Allowance, or Charge Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_248">
  <xsd:annotation>
    <xsd:documentation>Code which indicates an allowance or charge for the service specified</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="S_FA2">
  <xsd:annotation>
    <xsd:documentation>To specify the detailed accounting data</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Breakdown_Structure_Detail_Code" type="E_1196"/>
    <xsd:element name="E_Financial_Information_Code" type="E_1195"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
  <xsd:attribute name="ID" type="xsd:string" default="FA2"/>
  <xsd:attribute name="Name" type="xsd:string" default="Accounting Data"/>
</xsd:complexType>
<xsd:complexType name="E_1196">
  <xsd:annotation>
    <xsd:documentation>Codes identifying details relating to a reporting breakdown structure tree</xsd:documentation>
  </xsd:annotation>
</xsd:complexType>
```



```
</xsd:annotation>
<xsd:simpleContent>
  <xsd:restriction base="EDI-Element-String-Type">
    <xsd:enumeration value="18"/>
    <xsd:enumeration value="A1"/>
    <xsd:enumeration value="A2"/>
    <xsd:enumeration value="A3"/>
    <xsd:enumeration value="A4"/>
    <xsd:enumeration value="A5"/>
    <xsd:enumeration value="A6"/>
    <xsd:enumeration value="B1"/>
    <xsd:enumeration value="B2"/>
    <xsd:enumeration value="B5"/>
    <xsd:enumeration value="BL"/>
    <xsd:enumeration value="C1"/>
    <xsd:enumeration value="C2"/>
    <xsd:enumeration value="C3"/>
    <xsd:enumeration value="D1"/>
    <xsd:enumeration value="D2"/>
    <xsd:enumeration value="D3"/>
    <xsd:enumeration value="D4"/>
    <xsd:enumeration value="D5"/>
    <xsd:enumeration value="D6"/>
    <xsd:enumeration value="D7"/>
    <xsd:enumeration value="E1"/>
    <xsd:enumeration value="E2"/>
    <xsd:enumeration value="E3"/>
    <xsd:enumeration value="F1"/>
    <xsd:enumeration value="F2"/>
    <xsd:enumeration value="F3"/>
    <xsd:enumeration value="F4"/>
    <xsd:enumeration value="G1"/>
    <xsd:enumeration value="G2"/>
    <xsd:enumeration value="H1"/>
    <xsd:enumeration value="H2"/>
    <xsd:enumeration value="H3"/>
    <xsd:enumeration value="H4"/>
    <xsd:enumeration value="I1"/>
    <xsd:enumeration value="J1"/>
    <xsd:enumeration value="L1"/>
    <xsd:enumeration value="N1"/>
    <xsd:enumeration value="P1"/>
    <xsd:enumeration value="P2"/>
    <xsd:enumeration value="P3"/>
    <xsd:enumeration value="ZZ"/>
    <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
    <xsd:attribute name="ID" type="xsd:string" fixed="1196"/>
    <xsd:attribute name="Name" type="xsd:string" fixed="Breakdown Structure Detail Code"/>
  </xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_1195">
  <xsd:annotation>
    <xsd:documentation>Code representing financial accounting information</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:minLength value="1"/>
      <xsd:maxLength value="80"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="AN"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="1195"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Financial Information Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="S_SE">
  <xsd:annotation>
    <xsd:documentation>To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Number_of_Included_Segments" type="E_96"/>
    <xsd:element name="E_Transaction_Set_Control_Number" type="E_329"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
  <xsd:attribute name="ID" type="xsd:string" default="SE"/>
  <xsd:attribute name="Name" type="xsd:string" default="Transaction Set Trailer"/>
</xsd:complexType>
```



```
<xsd:complexType name="E_96">
  <xsd:annotation>
    <xsd:documentation>Total number of segments included in a transaction set including ST and SE segments</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:minLength value="1"/>
      <xsd:maxLength value="10"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="N0"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="96"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Number of Included Segments"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
</xsd:schema>
```