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<?xml version="1.0" encoding="UTF-8"?>
<!-- Automatically generated by EDIFecs SpecBuilder (http://www.edifecs.com) -->
<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">
  <xsd:element name="T_Ship_Notice_Manifest" type="T_856"/>
  <xsd:complexType name="T_856">
    <xsd:annotation>
      <xsd:documentation>This Draft Standard for Trial Use contains the format and establishes the data contents of the Ship Notice/Manifest
Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to list the contents of a
shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of
packaging, marking, carrier information, and configuration of goods within the transportation equipment. The transaction set enables the sender to describe the
contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information. The sender of this transaction is
the organization responsible for detailing and communicating the contents of a shipment, or shipments, to one or more receivers of the transaction set. The
receiver of this transaction set can be any organization having an interest in the contents of a shipment or information about the contents of a shipment.
</xsd:documentation>
    </xsd:annotation>
    <xsd:sequence>
      <xsd:element name="Internal-Properties" type="Internal-Properties" minOccurs="0"/>
      <xsd:element name="S_Transaction_Set_Header" type="S_ST"/>
      <xsd:element name="S_Beginning_Segment_for_Ship_Notice" type="S_BSN"/>
      <xsd:element name="L_Hierarchical_Level" type="L_HL" maxOccurs="unbounded"/>
      <xsd:element name="S_Transaction_Set_Trailer" type="S_SE"/>
    </xsd:sequence>
    <xsd:attribute name="Type" type="xsd:string" default="Transaction"/>
    <xsd:attribute name="ID" type="xsd:string" default="856"/>
    <xsd:attribute name="Name" type="xsd:string" default="Ship Notice/Manifest"/>
    <xsd:attribute name="XDataVersion" type="xsd:string" fixed="1.0"/>
    <xsd:attribute name="Standard" type="xsd:string" fixed="X12"/>
    <xsd:attribute name="Version" type="xsd:string" default="V4010"/>
    <xsd:attribute name="GUID" type="xsd:string"/>
    <xsd:attribute name="CreatedBy" type="xsd:string"/>
    <xsd:attribute name="CreatedDate" type="xsd:dateTime"/>
  </xsd:complexType>
  <xsd:complexType name="EDI-Element-String-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="EDI-Element-Integer-Type">
    <xsd:simpleContent>
      <xsd:extension base="xsd:integer">
        <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-Decimal-Type">
    <xsd:simpleContent>
      <xsd:extension base="xsd:decimal">
        <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>

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    </xsd:extension>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="EDI-Element-hexBinary-Type">
  <xsd:simpleContent>
    <xsd:extension base="xsd:hexBinary">
      <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-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: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">

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<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="856"/>
      <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">
  <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:maxLength value="9"/>
      <xsd:minLength value="4"/>
      <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_BSN">
  <xsd:annotation>
    <xsd:documentation>To transmit identifying numbers, dates, and other basic data relating to the transaction set</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Transaction_Set_Purpose_Code" type="E_353"/>
    <xsd:element name="E_Shipment_Identification" type="E_396"/>
    <xsd:element name="E_Date" type="E_373"/>
    <xsd:element name="E_Time" type="E_337"/>
    <xsd:element name="E_Hierarchical_Structure_Code" type="E_1005" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Transaction_Type_Code" type="E_640"/>
    <xsd:element name="E_Status_Reason_Code" type="E_641"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
  <xsd:attribute name="ID" type="xsd:string" default="BSN"/>
  <xsd:attribute name="Name" type="xsd:string" default="Beginning Segment for Ship Notice"/>
</xsd:complexType>
<xsd:complexType name="E_353">
  <xsd:annotation>
    <xsd:documentation>Code identifying purpose of transaction set</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="00"/>
      <xsd:enumeration value="77"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="353"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>

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    <xsd:attribute name="Name" type="xsd:string" fixed="Transaction Set Purpose Code"/>
  </xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_396">
  <xsd:annotation>
    <xsd:documentation>A unique control number assigned by the original shipper to identify a specific shipment</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:maxLength value="30"/>
      <xsd:minLength value="2"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="AN"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="396"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Shipment Identification"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_373">
  <xsd:annotation>
    <xsd:documentation>Date expressed as CCYYMMDD</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:maxLength value="8"/>
      <xsd:minLength 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_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 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:maxLength value="8"/>
      <xsd:minLength value="4"/>
      <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>
<xsd:complexType name="E_1005">
  <xsd:annotation>
    <xsd:documentation>Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set</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="AD"/>
      <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>

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</xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_641">
  <xsd:annotation>
    <xsd:documentation>Code indicating the status reason</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="D50"/>
      <xsd:enumeration value="ENR"/>
      <xsd:enumeration value="ERR"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="641"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Status Reason Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="L_HL">
  <xsd:annotation>
    <xsd:documentation>To identify dependencies among and the content of hierarchically related groups of data segments</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="S_Hierarchical_Level" type="S_HL"/>
    <xsd:element name="S_Item_Identification" type="S_LIN" nillable="true" minOccurs="0"/>
    <xsd:element name="S_Item_Detail__Shipment_" type="S_SN1" nillable="true" minOccurs="0"/>
    <xsd:element name="S_Measurements" type="S_MEA" nillable="true" minOccurs="0" maxOccurs="40"/>
    <xsd:element name="S_Carrier_Details__Quantity_and_Weight_" type="S_TD1" nillable="true" minOccurs="0" maxOccurs="20"/>
    <xsd:element name="S_Carrier_Details__Routing_Sequence_Transit_Time_" type="S_TD5" nillable="true" minOccurs="0" maxOccurs="12"/>
    <xsd:element name="S_Reference_Identification" type="S_REF" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="S_Date_Time_Reference" type="S_DTM" nillable="true" minOccurs="0" maxOccurs="10"/>
    <xsd:element name="L_Name" type="L_N1" nillable="true" minOccurs="0" maxOccurs="200"/>
    <xsd:element name="L_Code_Source_Information" type="L_LM" maxOccurs="10"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Loop"/>
  <xsd:attribute name="ID" type="xsd:string" default="HL"/>
  <xsd:attribute name="Name" type="xsd:string" default="Hierarchical Level"/>
</xsd:complexType>
<xsd:complexType name="S_HL">
  <xsd:annotation>
    <xsd:documentation>To identify dependencies among and the content of hierarchically related groups of data segments</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Hierarchical_ID_Number" type="E_628"/>
    <xsd:element name="E_Hierarchical_Parent_ID_Number" type="E_734" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Hierarchical_Level_Code" type="E_735"/>
    <xsd:element name="E_Hierarchical_Child_Code" type="E_736" nillable="true" minOccurs="0"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
  <xsd:attribute name="ID" type="xsd:string" default="HL"/>
  <xsd:attribute name="Name" type="xsd:string" default="Hierarchical Level"/>
</xsd:complexType>
<xsd:complexType name="E_628">
  <xsd:annotation>
    <xsd:documentation>A unique number assigned by the sender to identify a particular data segment in a hierarchical structure
  </xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:maxLength value="12"/>
      <xsd:minLength value="1"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="AN"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="628"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Hierarchical ID Number"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>

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<xsd:complexType name="E_734">
  <xsd:annotation>
    <xsd:documentation>Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to
  </xsd:documentation>
</xsd:complexType>
  <xsd:annotation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:maxLength value="12"/>
      <xsd:minLength value="1"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="AN"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="734"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Hierarchical Parent ID Number"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_735">
  <xsd:annotation>
    <xsd:documentation>Code defining the characteristic of a level in a hierarchical structure</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="I"/>
      <xsd:enumeration value="S"/>
      <xsd:enumeration value="V"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="735"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Hierarchical Level Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_736">
  <xsd:annotation>
    <xsd:documentation>Code indicating if there are hierarchical child data segments subordinate to the level being described</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="S_LIN">
  <xsd:annotation>
    <xsd:documentation>To specify basic item identification data</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Assigned_Identification" type="E_350" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_Qualifier" type="E_235"/>
    <xsd:element name="E_Product_Service_ID" type="E_234"/>
    <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_Product_Service_ID_Qualifier_2" type="E_235_2" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_2" type="E_234_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_Qualifier_3" type="E_235_2" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_3" type="E_234_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_Qualifier_4" type="E_235_2" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_4" type="E_234_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_Qualifier_5" type="E_235_2" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_5" type="E_234_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_Qualifier_6" type="E_235_2" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_6" type="E_234_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_Qualifier_7" type="E_235_2" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_7" type="E_234_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_Qualifier_8" type="E_235_2" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_8" type="E_234_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_Qualifier_9" type="E_235_2" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_9" type="E_234_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_Qualifier_10" type="E_235_2" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_10" type="E_234_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_Qualifier_11" type="E_235_2" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_11" type="E_234_1" nillable="true" minOccurs="0"/>
  </xsd:sequence>

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<xsd:element name="E_Product_Service_ID_Qualifier_12" type="E_235_2" nillable="true" minOccurs="0"/>
<xsd:element name="E_Product_Service_ID_12" type="E_234_1" nillable="true" minOccurs="0"/>
<xsd:element name="E_Product_Service_ID_Qualifier_13" type="E_235_2" nillable="true" minOccurs="0"/>
<xsd:element name="E_Product_Service_ID_13" type="E_234_1" nillable="true" minOccurs="0"/>
<xsd:element name="E_Product_Service_ID_Qualifier_14" type="E_235_2" nillable="true" minOccurs="0"/>
<xsd:element name="E_Product_Service_ID_14" type="E_234_1" nillable="true" minOccurs="0"/>
</xsd:sequence>
<xsd:attribute name="Type" type="xsd:string" default="Segment"/>
<xsd:attribute name="ID" type="xsd:string" default="LIN"/>
<xsd:attribute name="Name" type="xsd:string" default="Item Identification"/>
</xsd:complexType>
<xsd:complexType name="E_350">
  <xsd:annotation>
    <xsd:documentation>Alphanumeric characters assigned for differentiation within a transaction set</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="F4"/>
      <xsd:enumeration value="FB"/>
      <xsd:enumeration value="FS"/>
      <xsd:enumeration value="FT"/>
      <xsd:enumeration value="MG"/>
      <xsd:enumeration value="MN"/>
      <xsd:enumeration value="SN"/>
      <xsd:enumeration value="YP"/>
      <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:maxLength value="48"/>
      <xsd:minLength value="1"/>
      <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_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"/>
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  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
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  <xsd:annotation>
    <xsd:documentation>To specify line-item detail relative to shipment</xsd:documentation>
  </xsd:annotation>
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    <xsd:element name="E_Unit_or_Basis_for_Measurement_Code" type="E_355"/>
    <xsd:element name="E_Quantity_Shipped_to_Date" type="E_646" nillable="true" minOccurs="0"/>
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  </xsd:annotation>
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    <xsd:documentation>Number of units shipped to date</xsd:documentation>
  </xsd:annotation>
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<xsd:complexType name="E_330">
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```

    <xsd:annotation>
      <xsd:documentation>Quantity ordered</xsd:documentation>
    </xsd:annotation>
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</xsd:complexType name="E_355_1">
  <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_728">
  <xsd:annotation>
    <xsd:documentation>Code identifying the load make-up of the returnable containers in the shipment</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_668">
  <xsd:annotation>
    <xsd:documentation>Code specifying the action taken by the seller on a line item requested by the buyer</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="S_MEA">
  <xsd:annotation>
    <xsd:documentation>To specify physical measurements or counts, including dimensions, tolerances, variances, and weights(See Figures
Appendix for example of use of C001)</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Measurement_Reference_ID_Code" type="E_737" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Measurement_Qualifier" type="E_738" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Measurement_Value" type="E_739"/>
    <xsd:element name="C_Composite_Unit_of_Measure" type="C_C001"/>
    <xsd:element name="E_Range_Minimum" type="E_740" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Range_Maximum" type="E_741" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Measurement_Significance_Code" type="E_935" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Measurement_Attribute_Code" type="E_936" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Surface_Layer_Position_Code" type="E_752" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Measurement_Method_or_Device" type="E_1373" nillable="true" minOccurs="0"/>
  </xsd:sequence>
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  <xsd:attribute name="Name" type="xsd:string" default="Measurements"/>
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<xsd:complexType name="E_737">
  <xsd:annotation>
    <xsd:documentation>Code identifying the broad category to which a measurement applies</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_738">
  <xsd:annotation>
    <xsd:documentation>Code identifying a specific product or process characteristic to which a measurement applies</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="A"/>
      <xsd:enumeration value="UCB"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="738"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Measurement Qualifier"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_739">

```

```

<xsd:annotation>
  <xsd:documentation>The value of the measurement</xsd:documentation>
</xsd:annotation>
<xsd:simpleContent>
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    <xsd:attribute name="EDIDataType" type="xsd:string" fixed="R"/>
    <xsd:attribute name="ID" type="xsd:string" fixed="739"/>
    <xsd:attribute name="Name" type="xsd:string" fixed="Measurement Value"/>
  </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_2"/>
    <xsd:element name="E_Exponent" type="E_1018" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Multiplier" type="E_649" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Unit_or_Basis_for_Measurement_Code_1" type="E_355_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Exponent_1" type="E_1018" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Multiplier_1" type="E_649" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Unit_or_Basis_for_Measurement_Code_2" type="E_355_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Exponent_2" type="E_1018" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Multiplier_2" type="E_649" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Unit_or_Basis_for_Measurement_Code_3" type="E_355_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Exponent_3" type="E_1018" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Multiplier_3" type="E_649" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Unit_or_Basis_for_Measurement_Code_4" type="E_355_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Exponent_4" type="E_1018" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Multiplier_4" type="E_649" nillable="true" minOccurs="0"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Composite"/>
  <xsd:attribute name="ID" type="xsd:string" default="C001"/>
  <xsd:attribute name="Name" type="xsd:string" default="Composite Unit of Measure"/>
</xsd:complexType>
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  <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:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="CF"/>
      <xsd:enumeration value="LB"/>
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    </xsd:restriction>
  </xsd:simpleContent>
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<xsd:complexType name="E_1018">
  <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_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_740">
  <xsd:annotation>
    <xsd:documentation>The value specifying the minimum of the measurement range</xsd:documentation>

```

```

</xsd:annotation>
<xsd:attribute name="Type" type="xsd:string" default="Element"/>
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<xsd:complexType name="E_741">
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    <xsd:documentation>The value specifying the maximum of the measurement range</xsd:documentation>
  </xsd:annotation>
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<xsd:complexType name="E_935">
  <xsd:annotation>
    <xsd:documentation>Code used to benchmark, qualify or further define a measurement value</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
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<xsd:complexType name="E_936">
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    <xsd:documentation>Code used to express an attribute response when a numeric measurement value cannot be determined</xsd:documentation>
  </xsd:annotation>
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<xsd:complexType name="E_752">
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    <xsd:documentation>Code indicating the product surface, layer or position that is being described</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_1373">
  <xsd:annotation>
    <xsd:documentation>The method or device used to record the measurement</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="S_TD1">
  <xsd:annotation>
    <xsd:documentation>To specify the transportation details relative to commodity, weight, and quantity</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Packaging_Code" type="E_103" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Lading_Quantity" type="E_80"/>
    <xsd:element name="E_Commodity_Code_Qualifier" type="E_23" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Commodity_Code" type="E_22" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Lading_Description" type="E_79" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Weight_Qualifier" type="E_187" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Weight" type="E_81" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Unit_or_Basis_for_Measurement_Code" type="E_355_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Volume" type="E_183" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Unit_or_Basis_for_Measurement_Code_1" type="E_355_1" nillable="true" minOccurs="0"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
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  <xsd:attribute name="Name" type="xsd:string" default="Carrier Details (Quantity and Weight)"/>
</xsd:complexType>
<xsd:complexType name="E_103">
  <xsd:annotation>
    <xsd:documentation>Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
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  </xsd:simpleContent>

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```

        <xsd:attribute name="ID" type="xsd:string" fixed="103"/>
        <xsd:attribute name="Name" type="xsd:string" fixed="Packaging Code"/>
    </xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_80">
    <xsd:annotation>
        <xsd:documentation>Number of units (pieces) of the lading commodity</xsd:documentation>
    </xsd:annotation>
    <xsd:simpleContent>
        <xsd:restriction base="EDI-Element-Integer-Type">
            <xsd:attribute name="EDIDataType" type="xsd:string" fixed="NO"/>
            <xsd:attribute name="ID" type="xsd:string" fixed="80"/>
            <xsd:attribute name="Name" type="xsd:string" fixed="Lading Quantity"/>
        </xsd:restriction>
    </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_23">
    <xsd:annotation>
        <xsd:documentation>Code identifying the commodity coding system used for Commodity Code</xsd:documentation>
    </xsd:annotation>
    <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_22">
    <xsd:annotation>
        <xsd:documentation>Code describing a commodity or group of commodities</xsd:documentation>
    </xsd:annotation>
    <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_79">
    <xsd:annotation>
        <xsd:documentation>Description of an item as required for rating and billing purposes</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_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_183">
    <xsd:annotation>
        <xsd:documentation>Value of volumetric measure</xsd:documentation>
    </xsd:annotation>
    <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="S_TD5">
    <xsd:annotation>
        <xsd:documentation>To specify the carrier and sequence of routing and provide transit time information</xsd:documentation>
    </xsd:annotation>
    <xsd:sequence>
        <xsd:element name="E_Routing_Sequence_Code" type="E_133" nillable="true" minOccurs="0"/>
        <xsd:element name="E_Identification_Code_Qualifier" type="E_66" nillable="true" minOccurs="0"/>
        <xsd:element name="E_Identification_Code" type="E_67" nillable="true" minOccurs="0"/>
        <xsd:element name="E_Transportation_Method_Type_Code" type="E_91"/>
        <xsd:element name="E_Routing" type="E_387" nillable="true" minOccurs="0"/>
        <xsd:element name="E_Shipment_Order_Status_Code" type="E_368" nillable="true" minOccurs="0"/>
        <xsd:element name="E_Location_Qualifier" type="E_309" nillable="true" minOccurs="0"/>
        <xsd:element name="E_Location_Identifier" type="E_310" nillable="true" minOccurs="0"/>
    </xsd:sequence>
</xsd:complexType>

```

```

<xsd:element name="E_Transit_Direction_Code" type="E_731" nillable="true" minOccurs="0"/>
<xsd:element name="E_Transit_Time_Direction_Qualifier" type="E_732" nillable="true" minOccurs="0"/>
<xsd:element name="E_Transit_Time" type="E_733" nillable="true" minOccurs="0"/>
<xsd:element name="E_Service_Level_Code" type="E_284" nillable="true" minOccurs="0"/>
<xsd:element name="E_Service_Level_Code_1" type="E_284" nillable="true" minOccurs="0"/>
<xsd:element name="E_Service_Level_Code_2" type="E_284" nillable="true" minOccurs="0"/>
<xsd:element name="E_Country_Code" type="E_26" nillable="true" minOccurs="0"/>
</xsd:sequence>
<xsd:attribute name="Type" type="xsd:string" default="Segment"/>
<xsd:attribute name="ID" type="xsd:string" default="TD5"/>
<xsd:attribute name="Name" type="xsd:string" default="Carrier Details (Routing Sequence/Transit Time)"/>
</xsd:complexType>
<xsd:complexType name="E_133">
  <xsd:annotation>
    <xsd:documentation>Code describing the relationship of a carrier to a specific shipment movement</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:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_67">
  <xsd:annotation>
    <xsd:documentation>Code identifying a party or other code</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</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: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_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_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:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_309">
  <xsd:annotation>
    <xsd:documentation>Code identifying type of location</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_310">
  <xsd:annotation>
    <xsd:documentation>Code which identifies a specific location</xsd:documentation>
  </xsd:annotation>

```

```

    <xsd:attribute name="Type" type="xsd:string" default="Element"/>
  </xsd:complexType>
  <xsd:complexType name="E_731">
    <xsd:annotation>
      <xsd:documentation>The point of origin and point of direction</xsd:documentation>
    </xsd:annotation>
    <xsd:attribute name="Type" type="xsd:string" default="Element"/>
  </xsd:complexType>
  <xsd:complexType name="E_732">
    <xsd:annotation>
      <xsd:documentation>Code specifying the value of time used to measure the transit time</xsd:documentation>
    </xsd:annotation>
    <xsd:attribute name="Type" type="xsd:string" default="Element"/>
  </xsd:complexType>
  <xsd:complexType name="E_733">
    <xsd:annotation>
      <xsd:documentation>The numeric amount of transit time</xsd:documentation>
    </xsd:annotation>
    <xsd:attribute name="Type" type="xsd:string" default="Element"/>
  </xsd:complexType>
  <xsd:complexType name="E_284">
    <xsd:annotation>
      <xsd:documentation>Code indicating the level of transportation service or the billing service offered by the transportation carrier
    </xsd:documentation>
    </xsd:annotation>
    <xsd:attribute name="Type" type="xsd:string" default="Element"/>
  </xsd:complexType>
  <xsd:complexType name="E_26">
    <xsd:annotation>
      <xsd:documentation>Code identifying the country</xsd:documentation>
    </xsd:annotation>
    <xsd:attribute name="Type" type="xsd:string" default="Element"/>
  </xsd:complexType>
  <xsd:complexType name="S_REF">
    <xsd:annotation>
      <xsd:documentation>To specify identifying information</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_Description" type="E_352" nillable="true" minOccurs="0"/>
      <xsd:element name="C_Reference_Identifier" type="C_C040" nillable="true" minOccurs="0"/>
    </xsd:sequence>
    <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
    <xsd:attribute name="ID" type="xsd:string" default="REF"/>
    <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="BT"/>
        <xsd:enumeration value="K1"/>
        <xsd:enumeration value="LO"/>
        <xsd:enumeration value="LT"/>
        <xsd:enumeration value="SE"/>
        <xsd:enumeration value="TN"/>
        <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:maxLength value="30"/>
    <xsd:minLength value="1"/>
    <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_352">
  <xsd:annotation>
    <xsd:documentation>A free-form description to clarify the related data elements and their content</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_128_2" nillable="true" minOccurs="0"/>
  <xsd:element name="E_Reference_Identification_1" type="E_127_1" nillable="true" minOccurs="0"/>
  <xsd:element name="E_Reference_Identification_Qualifier_2" type="E_128_2" nillable="true" minOccurs="0"/>
  <xsd:element name="E_Reference_Identification_2" type="E_127_1" 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="W8"/>
      <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:attribute name="Type" type="xsd:string" default="Element"/>
</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:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="S_DTM">
  <xsd:annotation>
    <xsd:documentation>To specify pertinent dates and times</xsd:documentation>

```

```

</xsd:annotation>
<xsd:sequence>
  <xsd:element name="E_Date_Time_Qualifier" type="E_374"/>
  <xsd:element name="E_Date" type="E_373" nillable="true" minOccurs="0"/>
  <xsd:element name="E_Time" type="E_337_1" nillable="true" minOccurs="0"/>
  <xsd:element name="E_Time_Code" type="E_623" nillable="true" minOccurs="0"/>
  <xsd:element name="E_Date_Time_Period_Format_Qualifier" type="E_1250" nillable="true" minOccurs="0"/>
  <xsd:element name="E_Date_Time_Period" type="E_1251" nillable="true" minOccurs="0"/>
</xsd:sequence>
<xsd:attribute name="Type" type="xsd:string" default="Segment"/>
<xsd:attribute name="ID" type="xsd:string" default="DTM"/>
<xsd:attribute name="Name" type="xsd:string" default="Date/Time Reference"/>
</xsd:complexType>
<xsd:complexType name="E_374">
  <xsd:annotation>
    <xsd:documentation>Code specifying type of date or time, or both date and time</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="169"/>
      <xsd:enumeration value="601"/>
      <xsd:enumeration value="996"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="374"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Date/Time Qualifier"/>
    </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="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:complexType>
<xsd:complexType name="E_1250">
  <xsd:annotation>
    <xsd:documentation>Code indicating the date format, time format, or date and time format</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_1251">
  <xsd:annotation>
    <xsd:documentation>Expression of a date, a time, or range of dates, times or dates and times</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="L_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="S_Name" type="S_N1"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Loop"/>
  <xsd:attribute name="ID" type="xsd:string" default="N1"/>
  <xsd:attribute name="Name" type="xsd:string" default="Name"/>

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</xsd:complexType>
<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"/>
    <xsd:element name="E_Identification_Code_Qualifier" type="E_66_1"/>
    <xsd:element name="E_Identification_Code" type="E_67_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Entity_Relationship_Code" type="E_706" nillable="true" minOccurs="0"/>
    <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="98"/>
      <xsd:enumeration value="CI"/>
      <xsd:enumeration value="CY"/>
      <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_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="9"/>
      <xsd:enumeration value="10"/>
      <xsd:enumeration value="A2"/>
      <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_1">
  <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:maxLength value="80"/>
      <xsd:minLength value="2"/>
      <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>

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```
</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>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="FR"/>
      <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_LM">
  <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="LM"/>
  <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"/>
  </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>
```

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<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="33"/>
      <xsd:enumeration value="34"/>
      <xsd:enumeration value="35"/>
      <xsd:enumeration value="69"/>
      <xsd:enumeration value="71"/>
      <xsd:enumeration value="78"/>
      <xsd:enumeration value="95"/>
      <xsd:enumeration value="A4"/>
      <xsd:enumeration value="A5"/>
      <xsd:enumeration value="A6"/>
      <xsd:enumeration value="A9"/>
      <xsd:enumeration value="AJ"/>
      <xsd:enumeration value="AL"/>
      <xsd:enumeration value="BD"/>
      <xsd:enumeration value="DF"/>
      <xsd:enumeration value="COG"/>
      <xsd:enumeration value="IMC"/>
      <xsd:enumeration value="MCC"/>
      <xsd:enumeration value="SMI"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <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:maxLength value="30"/>
      <xsd:minLength value="1"/>
      <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="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: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:maxLength value="10"/>
      <xsd:minLength value="1"/>
      <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>
```