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<?xml version="1.0" encoding="UTF-8"?>
<!-- Automatically generated by EDIFCS 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_Invoice" type="T_810"/>
  <xsd:complexType name="T_810">
    <xsd:annotation>
      <xsd:documentation>This Draft Standard for Trial Use contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.</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_Invoice" type="S_BIG"/>
      <xsd:element name="S_Note_Special_Instruction" type="S_NTE" nillable="true" minOccurs="0" maxOccurs="100"/>
      <xsd:element name="S_Administrative_Communications_Contact" type="S_PER" nillable="true" minOccurs="0" maxOccurs="3"/>
      <xsd:element name="L_Name" type="L_N1" nillable="true" minOccurs="0" maxOccurs="200"/>
      <xsd:element name="S_Date_Time_Reference" type="S_DTM" nillable="true" minOccurs="0" maxOccurs="10"/>
      <xsd:element name="L_Code_Source_Information" type="L_LM" nillable="true" minOccurs="0" maxOccurs="10"/>
      <xsd:element name="L_Type_of_Financial_Accounting_Data" type="L_FA1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
      <xsd:element name="L_Baseline_Item_Data_Invoice_" type="L_IT1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
      <xsd:element name="S_Total_Monetary_Value_Summary" type="S_TDS"/>
      <xsd:element name="L_Service_Promotion_Allowance_or_Charge_Information" type="L_SAC_1" nillable="true" minOccurs="0" maxOccurs="25"/>
      <xsd:element name="S_Transaction_Totals" type="S_CTT" nillable="true" minOccurs="0"/>
      <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="810"/>
    <xsd:attribute name="Name" type="xsd:string" default="Invoice"/>
    <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>
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    <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">
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        <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:extension>
    </xsd:simpleContent>
  </xsd:complexType>

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<xsd:attribute name="EDIDataType" type="xsd:string"/>
<xsd:attribute name="Macro" type="xsd:string" use="optional"/>
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<xsd:attribute name="ID" type="xsd:string"/>
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<xsd:attribute name="Macro" type="xsd:string" use="optional"/>
<xsd:attribute name="ApplicationInfo" type="xsd:string"/>
<xsd:attribute name="ID" type="xsd:string"/>
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<xsd:extension base="xsd:string">
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<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"/>
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</xsd:simpleContent>
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<xsd:element name="Lookup" type="Lookup" minOccurs="0" maxOccurs="unbounded"/>
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<xsd:element name="Data-Structure" type="Data-Structure" minOccurs="0" maxOccurs="unbounded"/>
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<xsd:simpleContent>
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<xsd:attribute name="Name" type="xsd:string"/>
</xsd:extension>
</xsd:simpleContent>
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<xsd:complexType name="Property">
<xsd:simpleContent>
<xsd:extension base="xsd:string">
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<xsd:attribute name="Name" type="xsd:string"/>
</xsd:extension>
</xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="S_ST">
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  <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" maxOccurs="unbounded"/>
  <xsd:element name="E_Transaction_Set_Control_Number" type="E_329" maxOccurs="unbounded"/>
</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="810"/>
    <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_BIG">
<xsd:annotation>
  <xsd:documentation>To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates</xsd:documentation>
</xsd:annotation>
<xsd:sequence>
  <xsd:element name="E_Date" type="E_373" maxOccurs="unbounded"/>
  <xsd:element name="E_Invoice_Number" type="E_76" maxOccurs="unbounded"/>
  <xsd:element name="E_Date_1" type="E_373_1" 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_Release_Number" type="E_328" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  <xsd:element name="E_Change_Order_Sequence_Number" type="E_327" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  <xsd:element name="E_Transaction_Type_Code" type="E_640" maxOccurs="unbounded"/>
  <xsd:element name="E_Transaction_Set_Purpose_Code" type="E_353" maxOccurs="unbounded"/>
  <xsd:element name="E_Action_Code" type="E_306" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  <xsd:element name="E_Invoice_Number_1" type="E_76_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="BIG"/>
<xsd:attribute name="Name" type="xsd:string" default="Beginning Segment for Invoice"/>
</xsd:complexType>
<xsd:complexType name="E_373">
<xsd:annotation>
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<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_76">
  <xsd:annotation>
    <xsd:documentation>Identifying number assigned by issuer</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:maxLength value="22"/>
      <xsd:minLength value="1"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="AN"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="76"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Invoice Number"/>
    </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:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_324">
  <xsd:annotation>
    <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_328">
  <xsd:annotation>
    <xsd:documentation>Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_327">
  <xsd:annotation>
    <xsd:documentation>Number assigned by the orderer identifying a specific change or revision to a previously transmitted 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="CA"/>
      <xsd:enumeration value="PP"/>
      <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: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:attribute name="Name" type="xsd:string" fixed="Transaction Set Purpose 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="I"/>
      <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="E_76_1">
  <xsd:annotation>
    <xsd:documentation>Identifying number assigned by issuer</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="S_NTE">
  <xsd:annotation>
    <xsd:documentation>To transmit information in a free-form format, if necessary, for comment or special instruction</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Note_Reference_Code" type="E_363" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Description" type="E_352" maxOccurs="unbounded"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
  <xsd:attribute name="ID" type="xsd:string" default="NTE"/>
  <xsd:attribute name="Name" type="xsd:string" default="Note/Special Instruction"/>
</xsd:complexType>
<xsd:complexType name="E_363">
  <xsd:annotation>
    <xsd:documentation>Code identifying the functional area or purpose for which the note applies</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="OTH"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="363"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Note Reference Code"/>
    </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:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:maxLength value="80"/>
      <xsd:minLength value="1"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
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</xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="S_PER">
<xsd:annotation>
  <xsd:documentation>To identify a person or office to whom administrative communications should be directed</xsd:documentation>
</xsd:annotation>
<xsd:sequence>
  <xsd:element name="E_Contact_Function_Code" type="E_366" maxOccurs="unbounded"/>
  <xsd:element name="E_Name" type="E_93" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  <xsd:element name="E_Communication_Number_Qualifier" type="E_365" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  <xsd:element name="E_Communication_Number" type="E_364" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  <xsd:element name="E_Communication_Number_Qualifier_1" type="E_365_1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  <xsd:element name="E_Communication_Number_1" type="E_364" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  <xsd:element name="E_Communication_Number_Qualifier_2" type="E_365_1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  <xsd:element name="E_Communication_Number_2" type="E_364" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  <xsd:element name="E>Contact_Inquiry_Reference" type="E_443" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
</xsd:sequence>
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<xsd:attribute name="ID" type="xsd:string" default="PER"/>
<xsd:attribute name="Name" type="xsd:string" default="Administrative Communications Contact"/>
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<xsd:complexType name="E_366">
<xsd:annotation>
  <xsd:documentation>Code identifying the major duty or responsibility of the person or group named</xsd:documentation>
</xsd:annotation>
<xsd:simpleContent>
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    <xsd:enumeration value="IC"/>
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    <xsd:attribute name="ID" type="xsd:string" fixed="366"/>
    <xsd:attribute name="Name" type="xsd:string" fixed="Contact Function Code"/>
  </xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_93">
<xsd:annotation>
  <xsd:documentation>Free-form name</xsd:documentation>
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    <xsd:maxLength value="60"/>
    <xsd:minLength value="1"/>
    <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_365">
<xsd:annotation>
  <xsd:documentation>Code identifying the type of communication number</xsd:documentation>
</xsd:annotation>
<xsd:simpleContent>
  <xsd:restriction base="EDI-Element-String-Type">
    <xsd:enumeration value="AU"/>
    <xsd:enumeration value="EM"/>
    <xsd:enumeration value="FX"/>
    <xsd:enumeration value="IT"/>
    <xsd:enumeration value="TE"/>
    <xsd:enumeration value="TL"/>
    <xsd:enumeration value="TX"/>
    <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
  </xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
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<xsd:attribute name="ID" type="xsd:string" fixed="365"/>
<xsd:attribute name="Name" type="xsd:string" fixed="Communication Number Qualifier"/>
</xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_364">
<xsd:annotation>
  <xsd:documentation>Complete communications number including country or area code when applicable</xsd:documentation>
</xsd:annotation>
<xsd:simpleContent>
<xsd:restriction base="EDI-Element-String-Type">
  <xsd:maxLength value="80"/>
  <xsd:minLength value="1"/>
  <xsd:attribute name="EDIDataType" type="xsd:string" fixed="AN"/>
  <xsd:attribute name="ID" type="xsd:string" fixed="364"/>
  <xsd:attribute name="Name" type="xsd:string" fixed="Communication Number"/>
</xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
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  <xsd:documentation>Code identifying the type of communication number</xsd:documentation>
</xsd:annotation>
<xsd:simpleContent>
<xsd:restriction base="EDI-Element-String-Type">
  <xsd:enumeration value="AU"/>
  <xsd:enumeration value="EM"/>
  <xsd:enumeration value="EX"/>
  <xsd:enumeration value="FX"/>
  <xsd:enumeration value="IT"/>
  <xsd:enumeration value="TE"/>
  <xsd:enumeration value="TL"/>
  <xsd:enumeration value="TX"/>
  <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
  <xsd:attribute name="ID" type="xsd:string" fixed="365"/>
  <xsd:attribute name="Name" type="xsd:string" fixed="Communication Number Qualifier"/>
</xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_443">
<xsd:annotation>
  <xsd:documentation>Additional reference number or description to clarify a contact number</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"/>
</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" maxOccurs="unbounded"/>
  <xsd:element name="E_Name" type="E_93" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  <xsd:element name="E_Identification_Code_Qualifier" type="E_66" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  <xsd:element name="E_Identification_Code" type="E_67" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  <xsd:element name="E_Entity_Relationship_Code" type="E_706" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
</xsd:sequence>
</xsd:complexType>
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<xsd:element name="E_Entity_Identifier_Code_1" type="E_98_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="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="BT"/>
      <xsd:enumeration value="II"/>
      <xsd:enumeration value="PK"/>
      <xsd:enumeration value="RI"/>
      <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">
  <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: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>
<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:restriction>
  </xsd:simpleContent>
</xsd:complexType>
```

```
<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_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" maxOccurs="unbounded"/>
  <xsd:element name="E_Date" type="E_373" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  <xsd:element name="E_Time" type="E_337" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  <xsd:element name="E_Time_Code" type="E_623" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  <xsd:element name="E_Date_Time_Period_Format_Qualifier" type="E_1250" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  <xsd:element name="E_Date_Time_Period" type="E_1251" 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="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="097"/>
    <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">
<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_LM">
<xsd:annotation>
  <xsd:documentation>To transmit standard code list identification information</xsd:documentation>
</xsd:annotation>
```

```
</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" maxOccurs="unbounded"/>
    <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" maxOccurs="unbounded"/>
    <xsd:element name="E_Industry_Code" type="E_1271" maxOccurs="unbounded"/>
  </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="61"/>
      <xsd:enumeration value="79"/>
      <xsd:enumeration value="85"/>
      <xsd:enumeration value="AJ"/>
      <xsd:enumeration value="DG"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="1270"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
```

```
<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="L_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="S_Type_of_Financial_Accounting_Data" type="S_FA1"/>
  <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="FA1"/>
<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" maxOccurs="unbounded"/>
  <xsd:element name="E_Service_Promotion_Allowance_or_Charge_Code" type="E_1300" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  <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:annotation>
<xsd:attribute name="Type" type="xsd:string" default="Element"/>
</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" maxOccurs="unbounded"/>
    <xsd:element name="E_Financial_Information_Code" type="E_1195" maxOccurs="unbounded"/>
  </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:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="18"/>
      <xsd:enumeration value="58"/>
      <xsd:enumeration value="L1"/>
      <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:maxLength value="80"/>
      <xsd:minLength value="1"/>
      <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="L_IT1">
  <xsd:annotation>
    <xsd:documentation>To specify the basic and most frequently used line item data for the invoice and related transactions</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="S_Baseline_Item_Data_Invoice_" type="S_IT1"/>
    <xsd:element name="S_Quantity" type="S_QTY" nillable="true" minOccurs="0" maxOccurs="5"/>
    <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_1" nillable="true" minOccurs="0" maxOccurs="10"/>
    <xsd:element name="S_Carrier_Detail" type="S_CAD" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="L_Service_Promotion_Allowance_or_Charge_Information" type="L_SAC" nillable="true" minOccurs="0" maxOccurs="25"/>
    <xsd:element name="L_Name" type="L_N1_1" nillable="true" minOccurs="0" maxOccurs="200"/>
    <xsd:element name="L_Code_Source_Information" type="L_LM_1" maxOccurs="10"/>
  </xsd:sequence>
</xsd:complexType>
```

```
<xsd:attribute name="Type" type="xsd:string" default="Loop"/>
<xsd:attribute name="ID" type="xsd:string" default="IT1"/>
<xsd:attribute name="Name" type="xsd:string" default="Baseline Item Data (Invoice)"/>
</xsd:complexType>
<xsd:complexType name="S_IT1">
  <xsd:annotation>
    <xsd:documentation>To specify the basic and most frequently used line item data for the invoice and related transactions</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Assigned_Identification" type="E_350" maxOccurs="unbounded"/>
    <xsd:element name="E_Quantity_Invoiced" type="E_358" maxOccurs="unbounded"/>
    <xsd:element name="E_Unit_or_Basis_for_Measurement_Code" type="E_355" maxOccurs="unbounded"/>
    <xsd:element name="E_Unit_Price" type="E_212" maxOccurs="unbounded"/>
    <xsd:element name="E_Basis_of_Unit_Price_Code" type="E_639" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Product_Service_ID_Qualifier" type="E_235" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Product_Service_ID" type="E_234" maxOccurs="unbounded"/>
    <xsd:element name="E_Product_Service_ID_Qualifier_1" type="E_235_1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Product_Service_ID_1" type="E_234" 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:element name="E_Product_Service_ID_Qualifier_3" type="E_235_2" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Product_Service_ID_3" type="E_234_1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Product_Service_ID_Qualifier_4" type="E_235_2" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Product_Service_ID_4" type="E_234_1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Product_Service_ID_Qualifier_5" type="E_235_2" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Product_Service_ID_5" type="E_234_1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Product_Service_ID_Qualifier_6" type="E_235_2" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Product_Service_ID_6" type="E_234_1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Product_Service_ID_Qualifier_7" type="E_235_2" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Product_Service_ID_7" type="E_234_1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Product_Service_ID_Qualifier_8" type="E_235_2" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Product_Service_ID_8" type="E_234_1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Product_Service_ID_Qualifier_9" type="E_235_2" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Product_Service_ID_9" 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="IT1"/>
  <xsd:attribute name="Name" type="xsd:string" default="Baseline Item Data (Invoice)"/>
</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:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:maxLength value="20"/>
      <xsd:minLength value="1"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="AN"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="350"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Assigned Identification"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_358">
  <xsd:annotation>
    <xsd:documentation>Number of units invoiced (supplier units)</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="358"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Quantity Invoiced"/>
    </xsd:restriction>
  </xsd:simpleContent>
</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:simpleContent>
<xsd:restriction base="EDI-Element-String-Type">
  <xsd:enumeration value="UL"/>
  <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_212">
  <xsd:annotation>
    <xsd:documentation>Price per unit of product, service, commodity, etc.</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="212"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Unit Price"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_639">
  <xsd:annotation>
    <xsd:documentation>Code identifying the type of unit price for an item</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="CA"/>
      <xsd:enumeration value="CT"/>
      <xsd:enumeration value="NC"/>
      <xsd:enumeration value="NT"/>
      <xsd:enumeration value="ST"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="639"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Basis of Unit Price Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</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="A3"/>
      <xsd:enumeration value="A4"/>
      <xsd:enumeration value="FB"/>
      <xsd:enumeration value="FS"/>
      <xsd:enumeration value="FT"/>
      <xsd:enumeration value="JP"/>
      <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: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"/>
      <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_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_QTY">
  <xsd:annotation>
    <xsd:documentation>To specify quantity information</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Quantity_Qualifier" type="E_673" maxOccurs="unbounded"/>
    <xsd:element name="E_Quantity" type="E_380" maxOccurs="unbounded"/>
    <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="BA "/>
      <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: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" maxOccurs="unbounded"/>
    <xsd:element name="E_Exponent" type="E_1018" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <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_2" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Exponent_1" type="E_1018" 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_2" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Exponent_2" type="E_1018" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Multiplier_2" type="E_649" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Unit_or_Basis_for_Measurement_Code_3" type="E_355_2" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Exponent_3" type="E_1018" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Multiplier_3" type="E_649" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Unit_or_Basis_for_Measurement_Code_4" type="E_355_2" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Exponent_4" type="E_1018" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Multiplier_4" type="E_649" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  </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>
<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: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="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: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_355_2">
  <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:complexType>
```

```
</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_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" maxOccurs="unbounded"/>
    <xsd:element name="E_Reference_Identification" type="E_127" maxOccurs="unbounded"/>
    <xsd:element name="E_Description" type="E_352_1" 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="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="16"/>
      <xsd:enumeration value="43"/>
      <xsd:enumeration value="CR"/>
      <xsd:enumeration value="CT"/>
      <xsd:enumeration value="TN"/>
      <xsd:enumeration value="W1"/>
      <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_1">
  <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:complexType>
```

```
</xsd:annotation>
<xsd:sequence>
  <xsd:element name="E_Reference_Identification_Qualifier" type="E_128_1" maxOccurs="unbounded"/>
  <xsd:element name="E_Reference_Identification" type="E_127" maxOccurs="unbounded"/>
  <xsd:element name="E_Reference_Identification_Qualifier_1" type="E_128_2" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  <xsd:element name="E_Reference_Identification_1" type="E_127_1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  <xsd:element name="E_Reference_Identification_Qualifier_2" type="E_128_2" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  <xsd:element name="E_Reference_Identification_2" type="E_127_1" nillable="true" minOccurs="0" 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_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_1">
  <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_1" maxOccurs="unbounded"/>
    <xsd:element name="E_Date" type="E_373" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Time" type="E_337" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Time_Code" type="E_623" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Date_Time_Period_Format_Qualifier" type="E_1250" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Date_Time_Period" type="E_1251" 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="DTM"/>
  <xsd:attribute name="Name" type="xsd:string" default="Date/Time Reference"/>
</xsd:complexType>
<xsd:complexType name="E_374_1">
  <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="011"/>
      <xsd:enumeration value="035"/>
      <xsd:enumeration value="168"/>
      <xsd:enumeration value="231"/>
      <xsd:enumeration value="306"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
```

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<xsd:enumeration value="315"/>
<xsd:enumeration value="324"/>
<xsd:enumeration value="548"/>
<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="S_CAD">
<xsd:annotation>
  <xsd:documentation>To specify transportation details for the transaction</xsd:documentation>
</xsd:annotation>
<xsd:sequence>
  <xsd:element name="E_Transportation_Method_Type_Code" type="E_91" 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_Standard_Carrier_Alpha_Code" type="E_140" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  <xsd:element name="E_Routing" type="E_387" maxOccurs="unbounded"/>
  <xsd:element name="E_Shipment_Order_Status_Code" type="E_368" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  <xsd:element name="E_Reference_Identification_Qualifier" type="E_128_3" maxOccurs="unbounded"/>
  <xsd:element name="E_Reference_Identification" type="E_127" maxOccurs="unbounded"/>
  <xsd:element name="E_Service_Level_Code" type="E_284" 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="CAD"/>
<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: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_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_140">
<xsd:annotation>
  <xsd:documentation>Standard Carrier Alpha Code</xsd:documentation>
</xsd:annotation>
<xsd:attribute name="Type" type="xsd:string" default="Element"/>
</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:simpleContent>
  <xsd:restriction base="EDI-Element-String-Type">
```

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<xsd:maxLength value="35"/>
<xsd:minLength value="1"/>
<xsd:attribute name="EDIDataType" type="xsd:string" fixed="AN"/>
<xsd:attribute name="ID" type="xsd:string" fixed="387"/>
<xsd:attribute name="Name" type="xsd:string" fixed="Routing"/>
</xsd:restriction>
</xsd:simpleContent>
</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_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="08"/>
      <xsd:enumeration value="97"/>
      <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="SI"/>
      <xsd:enumeration value="WY"/>
      <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_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="L_SAC">
  <xsd:annotation>
    <xsd:documentation>To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="S_Service__Promotion__Allowance__or_Charge_Information" type="S_SAC"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Loop"/>
  <xsd:attribute name="ID" type="xsd:string" default="SAC"/>
  <xsd:attribute name="Name" type="xsd:string" default="Service, Promotion, Allowance, or Charge Information"/>
</xsd:complexType>
<xsd:complexType name="S_SAC">
  <xsd:annotation>
    <xsd:documentation>To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Allowance_or_Charge_Indicator" type="E_248_1" maxOccurs="unbounded"/>
    <xsd:element name="E_Service__Promotion__Allowance__or_Charge_Code" type="E_1300_1" maxOccurs="unbounded"/>
    <xsd:element name="E_Agency_Qualifier_Code" type="E_559_2" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  </xsd:sequence>
</xsd:complexType>
```

```
<xsd:element name="E_Agency_Service__Promotion__Allowance__or_Charge_Code" type="E_1301" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
<xsd:element name="E_Amount" type="E_610" maxOccurs="unbounded"/>
<xsd:element name="E_Allowance_Charge_Percent_Qualifier" type="E_378" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
<xsd:element name="E_Percent" type="E_332" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
<xsd:element name="E_Rate" type="E_118" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
<xsd:element name="E_Unit_or_Basis_for_Measurement_Code" type="E_355_2" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
<xsd:element name="E_Quantity" type="E_380_1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
<xsd:element name="E_Quantity_1" type="E_380_1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
<xsd:element name="E_Allowance_or_Charge_Method_of_Handling_Code" type="E_331" 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="SAC"/>
<xsd:attribute name="Name" type="xsd:string" default="Service, Promotion, Allowance, or Charge Information"/>
</xsd:complexType>
<xsd:complexType name="E_248_1">
<xsd:annotation>
<xsd:documentation>Code which indicates an allowance or charge for the service specified</xsd:documentation>
</xsd:annotation>
<xsd:simpleContent>
<xsd:restriction base="EDI-Element-String-Type">
<xsd:enumeration value="A"/>
<xsd:enumeration value="C"/>
<xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
<xsd:attribute name="ID" type="xsd:string" fixed="248"/>
<xsd:attribute name="Name" type="xsd:string" fixed="Allowance or Charge Indicator"/>
</xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_1300_1">
<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="C300"/>
<xsd:enumeration value="C930"/>
<xsd:enumeration value="D350"/>
<xsd:enumeration value="F060"/>
<xsd:enumeration value="F560"/>
<xsd:enumeration value="F650"/>
<xsd:enumeration value="F670"/>
<xsd:enumeration value="I170"/>
<xsd:enumeration value="I260"/>
<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_559_2">
<xsd:annotation>
<xsd:documentation>Code identifying the agency assigning the code values</xsd:documentation>
</xsd:annotation>
<xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_1301">
<xsd:annotation>
<xsd:documentation>Agency maintained code identifying the service, promotion, allowance, or charge</xsd:documentation>
</xsd:annotation>
```

```
<xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_610">
  <xsd:annotation>
    <xsd:documentation>Monetary amount</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-Integer-Type">
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="N2"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="610"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Amount"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_378">
  <xsd:annotation>
    <xsd:documentation>Code indicating on what basis allowance or charge percent is calculated</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_332">
  <xsd:annotation>
    <xsd:documentation>Percent expressed as a percent</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_118">
  <xsd:annotation>
    <xsd:documentation>Rate expressed in the standard monetary denomination for the currency specified</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_380_1">
  <xsd:annotation>
    <xsd:documentation>Numeric value of quantity</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_331">
  <xsd:annotation>
    <xsd:documentation>Code indicating method of handling for an allowance or charge</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_770">
  <xsd:annotation>
    <xsd:documentation>A unique number identifying available promotion or allowance options when more than one is offered</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_819">
  <xsd:annotation>
    <xsd:documentation>Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="L_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="S_Name" type="S_N1_1"/>
  </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"/>
</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" maxOccurs="unbounded"/>
    <xsd:element name="E_Name" type="E_93_1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Identification_Code_Qualifier" type="E_66_1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Identification_Code" type="E_67" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <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" 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_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="OB"/>
      <xsd:enumeration value="ST"/>
      <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: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="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:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="L_LM_1">
  <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_1" maxOccurs="100"/>
  </xsd:sequence>
</xsd:complexType>
```

```
</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_LQ_1">
<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_1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  <xsd:element name="E_Industry_Code" type="E_1271" 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="LQ"/>
<xsd:attribute name="Name" type="xsd:string" default="Industry Code"/>
</xsd:complexType>
<xsd:complexType name="E_1270_1">
<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="54"/>
    <xsd:enumeration value="57"/>
    <xsd:enumeration value="58"/>
    <xsd:enumeration value="59"/>
    <xsd:enumeration value="60"/>
    <xsd:enumeration value="61"/>
    <xsd:enumeration value="67"/>
    <xsd:enumeration value="71"/>
    <xsd:enumeration value="78"/>
    <xsd:enumeration value="79"/>
    <xsd:enumeration value="85"/>
    <xsd:enumeration value="89"/>
    <xsd:enumeration value="94"/>
    <xsd:enumeration value="95"/>
    <xsd:enumeration value="97"/>
    <xsd:enumeration value="A2"/>
    <xsd:enumeration value="A3"/>
    <xsd:enumeration value="A4"/>
    <xsd:enumeration value="A5"/>
    <xsd:enumeration value="A6"/>
    <xsd:enumeration value="A7"/>
    <xsd:enumeration value="A8"/>
    <xsd:enumeration value="A9"/>
    <xsd:enumeration value="AJ"/>
    <xsd:enumeration value="AL"/>
    <xsd:enumeration value="CF"/>
    <xsd:enumeration value="CG"/>
    <xsd:enumeration value="CH"/>
    <xsd:enumeration value="DE"/>
    <xsd:enumeration value="DG"/>
    <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="S_TDS">
  <xsd:annotation>
    <xsd:documentation>To specify the total invoice discounts and amounts</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Amount" type="E_610" maxOccurs="unbounded"/>
    <xsd:element name="E_Amount_1" type="E_610_1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Amount_2" type="E_610_1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Amount_3" type="E_610" 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="TDS"/>
  <xsd:attribute name="Name" type="xsd:string" default="Total Monetary Value Summary"/>
</xsd:complexType>
<xsd:complexType name="E_610_1">
  <xsd:annotation>
    <xsd:documentation>Monetary amount</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="L_SAC_1">
  <xsd:annotation>
    <xsd:documentation>To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="S_Service__Promotion__Allowance__or_Charge_Information" type="S_SAC_1"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Loop"/>
  <xsd:attribute name="ID" type="xsd:string" default="SAC"/>
  <xsd:attribute name="Name" type="xsd:string" default="Service, Promotion, Allowance, or Charge Information"/>
</xsd:complexType>
<xsd:complexType name="S_SAC_1">
  <xsd:annotation>
    <xsd:documentation>To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Allowance_or_Charge_Indicator" type="E_248_1" maxOccurs="unbounded"/>
    <xsd:element name="E_Service__Promotion__Allowance__or_Charge_Code" type="E_1300_2" maxOccurs="unbounded"/>
    <xsd:element name="E_Agency_Qualifier_Code" type="E_559_2" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Agency_Service__Promotion__Allowance__or_Charge_Code" type="E_1301" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Amount" type="E_610_1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Allowance_Charge_Percent_Qualifier" type="E_378" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Percent" type="E_332" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Rate" type="E_118" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Unit_or_Basis_for_Measurement_Code" type="E_355_2" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Quantity" type="E_380_1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Quantity_1" type="E_380_1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Allowance_or_Charge_Method_of_Handling_Code" type="E_331" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Reference_Identification" type="E_127_1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Option_Number" type="E_770" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Description" type="E_352_1" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Language_Code" type="E_819" 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="SAC"/>
  <xsd:attribute name="Name" type="xsd:string" default="Service, Promotion, Allowance, or Charge Information"/>
</xsd:complexType>
<xsd:complexType name="E_1300_2">
  <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="C300"/>
  <xsd:enumeration value="C930"/>
  <xsd:enumeration value="D350"/>
  <xsd:enumeration value="F060"/>
  <xsd:enumeration value="F560"/>
  <xsd:enumeration value="F650"/>
  <xsd:enumeration value="I170"/>
  <xsd:enumeration value="I260"/>
  <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="S_CTT">
  <xsd:annotation>
    <xsd:documentation>To transmit a hash total for a specific element in the transaction set</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Number_of_Line_Items" type="E_354" maxOccurs="unbounded"/>
    <xsd:element name="E_Hash_Total" type="E_347" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Weight" type="E_81" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Unit_or_Basis_for_Measurement_Code" type="E_355_2" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Volume" type="E_183" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Unit_or_Basis_for_Measurement_Code_1" type="E_355_2" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="E_Description" type="E_352_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="CTT"/>
  <xsd:attribute name="Name" type="xsd:string" default="Transaction Totals"/>
</xsd:complexType>
<xsd:complexType name="E_354">
  <xsd:annotation>
    <xsd:documentation>Total number of line items in the 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="354"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Number of Line Items"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_347">
  <xsd:annotation>
    <xsd:documentation>Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example:-.0018 First occurrence of value being hashed..18 Second occurrence of value being hashed.1.8 Third occurrence of value being hashed.18.01 Fourth occurrence of value being hashed.-----1855 Hash total prior to truncation.855 Hash total after truncation to three-digit field.</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>
<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" maxOccurs="unbounded"/>
    <xsd:element name="E_Transaction_Set_Control_Number" type="E_329" maxOccurs="unbounded"/>
  </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>
```