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<?xml version="1.0" encoding="UTF-8" ?>
<!-- Automatically generated by EDIFecs SpecBuilder (http://www.edifecs.com)
-->
- <xsd:schema xmlns="http://www.edifecs.com/xdata/200"
  targetNamespace="http://www.edifecs.com/xdata/200"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema" version="1.0"
  elementFormDefault="qualified" >
  <xsd:element name="T_Nonconformance_Report" type="T_842" />
- <xsd:complexType name="T_842" >
  - <xsd:annotation >
    <xsd:documentation> This Draft Standard for Trial Use contains the format
      and establishes the data contents of the Nonconformance Report
      Transaction Set (842) for use within the context of an Electronic Data
      Interchange (EDI) environment. The transaction set can be used to
      report products and processes that do not fulfill specifications or
      requirements. The Nonconformance Report Transaction Set provides
      the ability for the sender to report the nonconformance at the level of
      detail that is required. It also provides the ability to report the specific
      nonconformances of a component/part while identifying the assembly
      as the product that is in nonconformance. The Nonconformance
      Report Transaction Set may be used to report, initiate, or request
      actions related to the nonconformance being reported. Financial and
      accounting information is provided for reporting purposes only. The
      Nonconformance Report Transaction Set has the capability to report
      the cause of the nonconformance and to state the proposed action to
      be followed to prevent a repetition of the
      problem. </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_Nonconformance_Report"
    type="S_BNR" />
  <xsd:element name="L_Name" type="L_N1" minOccurs="0"
    maxOccurs="unbounded" nillable="true" />
  <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" default="Transaction" type="xsd:string" />
  <xsd:attribute name="ID" default="842" type="xsd:string" />
  <xsd:attribute name="Name" default="Nonconformance Report"
    type="xsd:string" />
  <xsd:attribute name="XDataVersion" fixed="1.0" type="xsd:string" />
  <xsd:attribute name="Standard" fixed="X12" type="xsd:string" />
  <xsd:attribute name="Version" default="V4030" type="xsd:string" />
  <xsd:attribute name="GUID" default="" 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 >

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- <xsd:extension base="xsd:string">
  <xsd:attribute name="Type" default="Element" type="xsd:string" />
  <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" default="Element" type="xsd:string" />
    <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" default="Element" type="xsd:string" />
    <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-hexBinary-Type">
- <xsd:simpleContent>
  - <xsd:extension base="xsd:hexBinary">
    <xsd:attribute name="Type" default="Element" type="xsd:string" />
    <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" default="Element" type="xsd:string" />
    <xsd:attribute name="EDIDataType" type="xsd:string" />
    <xsd:attribute name="Macro" type="xsd:string" use="optional" />

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    <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" default="Element" type="xsd:string" />
    <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">
- <xsd:annotation>
  <xsd:documentation>To indicate the start of a transaction set and to
    assign a control number</xsd:documentation>

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</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:element name="E_Implementation_Convention_Reference"
    type="E_1705" minOccurs="0" nillable="true" />
</xsd:sequence >
<xsd:attribute name="Type" default="Segment" type="xsd:string" />
<xsd:attribute name="ID" default="ST" type="xsd:string" />
<xsd:attribute name="Name" default="Transaction Set Header"
  type="xsd:string" />
</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="842" />
      <xsd:attribute name="EDIDataType" fixed="ID" type="xsd:string" />
      <xsd:attribute name="ID" fixed="143" type="xsd:string" />
      <xsd:attribute name="Name" fixed="Transaction Set Identifier Code"
        type="xsd:string" />
    </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" fixed="AN" type="xsd:string" />
      <xsd:attribute name="ID" fixed="329" type="xsd:string" />
      <xsd:attribute name="Name" fixed="Transaction Set Control Number"
        type="xsd:string" />
    </xsd:restriction >
  </xsd:simpleContent >
</xsd:complexType >
- <xsd:complexType name="E_1705" >
  - <xsd:annotation >
    <xsd:documentation >Reference assigned to identify Implementation
      Convention</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" fixed="AN" type="xsd:string" />
    <xsd:attribute name="ID" fixed="1705" type="xsd:string" />
    <xsd:attribute name="Name" fixed="Implementation Convention
      Reference" type="xsd:string" />
  </xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
- <xsd:complexType name="S_BNR">
- <xsd:annotation>
  <xsd:documentation>To indicate the beginning of a Nonconformance
    Report Transaction Set </xsd:documentation>
</xsd:annotation>
- <xsd:sequence>
  <xsd:element name="E_Transaction_Set_Purpose_Code" type="E_353" />
  <xsd:element name="E_Reference_Identification" type="E_127" />
  <xsd:element name="E_Date" type="E_373" />
  <xsd:element name="E_Time" type="E_337" />
  <xsd:element name="E_Nonconformance_Report_Status_Code"
    type="E_886" minOccurs="0" nillable="true" />
  <xsd:element name="E_Transaction_Type_Code" type="E_640"
    minOccurs="0" nillable="true" />
</xsd:sequence>
  <xsd:attribute name="Type" default="Segment" type="xsd:string" />
  <xsd:attribute name="ID" default="BNR" type="xsd:string" />
  <xsd:attribute name="Name" default="Beginning Segment For
    Nonconformance Report" type="xsd:string" />
</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="01" />
    <xsd:enumeration value="15" />
    <xsd:enumeration value="22" />
    <xsd:enumeration value="45" />
    <xsd:enumeration value="47" />
    <xsd:enumeration value="49" />
    <xsd:enumeration value="50" />
    <xsd:enumeration value="CO" />
    <xsd:attribute name="EDIDataType" fixed="ID" type="xsd:string" />
    <xsd:attribute name="ID" fixed="353" type="xsd:string" />
    <xsd:attribute name="Name" fixed="Transaction Set Purpose Code"
      type="xsd:string" />
  </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>

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- <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="50" />
  <xsd:minLength value="1" />
  <xsd:attribute name="EDIDataType" fixed="AN" type="xsd:string" />
  <xsd:attribute name="ID" fixed="127" type="xsd:string" />
  <xsd:attribute name="Name" fixed="Reference Identification"
  type="xsd:string" />
</xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
- <xsd:complexType name="E_373">
- <xsd:annotation>
  <xsd:documentation>Date expressed as CCYYMMDD where CC represents
  the first two digits of the calendar year</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" fixed="DT" type="xsd:string" />
  <xsd:attribute name="ID" fixed="373" type="xsd:string" />
  <xsd:attribute name="Name" fixed="Date" type="xsd:string" />
</xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
- <xsd:complexType name="E_337">
- <xsd:annotation>
  <xsd:documentation>Time expressed in 24-hour clock time as follows:
  HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours
  (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD =
  decimal seconds; decimal seconds are expressed as follows: D =
  tenths (0-9) and DD = hundredths (00-99)</xsd:documentation>
</xsd:annotation>
- <xsd:simpleContent>
- <xsd:restriction base="EDI-Element-String-Type">
  <xsd:maxLength value="8" />
  <xsd:minLength value="4" />
  <xsd:attribute name="EDIDataType" fixed="TM" type="xsd:string" />
  <xsd:attribute name="ID" fixed="337" type="xsd:string" />
  <xsd:attribute name="Name" fixed="Time" type="xsd:string" />
</xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
- <xsd:complexType name="E_886">
- <xsd:annotation>

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    <xsd:documentation>Code identifying the status of the nonconformance
    report</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" default="Element" type="xsd:string" />
</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="C1" />
  <xsd:attribute name="EDIDataType" fixed="ID" type="xsd:string" />
  <xsd:attribute name="ID" fixed="640" type="xsd:string" />
  <xsd:attribute name="Name" fixed="Transaction Type Code"
  type="xsd:string" />
</xsd:restriction>
</xsd:simpleContent>
</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" minOccurs="1" />
</xsd:sequence>
  <xsd:attribute name="Type" default="Loop" type="xsd:string" />
  <xsd:attribute name="ID" default="N1" type="xsd:string" />
  <xsd:attribute name="Name" default="Name" type="xsd:string" />
</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" minOccurs="0"
  nillable="true" />
  <xsd:element name="E_Identification_Code_Qualifier" type="E_66"
  minOccurs="0" nillable="true" />
  <xsd:element name="E_Identification_Code" type="E_67" minOccurs="0"
  nillable="true" />
  <xsd:element name="E_Entity_Relationship_Code" type="E_706"
  minOccurs="0" nillable="true" />
  <xsd:element name="E_Entity_Identifier_Code_1" type="E_98_1"
  minOccurs="0" nillable="true" />
</xsd:sequence>
  <xsd:attribute name="Type" default="Segment" type="xsd:string" />
  <xsd:attribute name="ID" default="N1" type="xsd:string" />
  <xsd:attribute name="Name" default="Name" type="xsd:string" />

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</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="41" />
      <xsd:enumeration value="GP" />
      <xsd:enumeration value="PK" />
      <xsd:enumeration value="Z6" />
      <xsd:enumeration value="ZD" />
      <xsd:enumeration value="ZS" />
      <xsd:attribute name="EDIDataType" fixed="ID" type="xsd:string" />
      <xsd:attribute name="ID" fixed="98" type="xsd:string" />
      <xsd:attribute name="Name" fixed="Entity Identifier Code"
      type="xsd:string" />
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
- <xsd:complexType name="E_93">
  - <xsd:annotation>
    <xsd:documentation>Free-form name</xsd:documentation>
  </xsd:annotation>
  - <xsd:simpleContent>
    - <xsd:restriction base="EDI-Element-String-Type">
      <xsd:maxLength value="60" />
      <xsd:minLength value="1" />
      <xsd:attribute name="EDIDataType" fixed="AN" type="xsd:string" />
      <xsd:attribute name="ID" fixed="93" type="xsd:string" />
      <xsd:attribute name="Name" fixed="Name" type="xsd:string" />
    </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="10" />
      <xsd:enumeration value="M4" />
      <xsd:attribute name="EDIDataType" fixed="ID" type="xsd:string" />
      <xsd:attribute name="ID" fixed="66" type="xsd:string" />
      <xsd:attribute name="Name" fixed="Identification Code Qualifier"
      type="xsd:string" />
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
- <xsd:complexType name="E_67">

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- <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" fixed="AN" type="xsd:string" />
    <xsd:attribute name="ID" fixed="67" type="xsd:string" />
    <xsd:attribute name="Name" fixed="Identification Code"
      type="xsd:string" />
  </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" default="Element" type="xsd:string" />
</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" fixed="ID" type="xsd:string" />
      <xsd:attribute name="ID" fixed="98" type="xsd:string" />
      <xsd:attribute name="Name" fixed="Entity Identifier Code"
        type="xsd:string" />
    </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" minOccurs="1" />
    <xsd:element name="S_Item_Identification" type="S_LIN" minOccurs="0"
      nillable="true" />
    <xsd:element name="S_Date_Time_Reference" type="S_DTM"
      minOccurs="0" maxOccurs="unbounded" nillable="true" />
    <xsd:element name="S_Reference_Identification" type="S_REF"
      minOccurs="0" maxOccurs="unbounded" nillable="true" />
    <xsd:element name="S_Contract_Summary" type="S_CS" minOccurs="0"
      nillable="true" />
  </xsd:sequence>

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<xsd:element name="S_Paperwork" type="S_PWK" minOccurs="0"
  maxOccurs="unbounded" nillable="true" />
<xsd:element name="L_Code_Source_Information" type="L_LM"
  minOccurs="0" maxOccurs="unbounded" nillable="true" />
<xsd:element name="L_Nonconformance_Description" type="L_NCD"
  minOccurs="0" maxOccurs="unbounded" nillable="true" />
</xsd:sequence>
<xsd:attribute name="Type" default="Loop" type="xsd:string" />
<xsd:attribute name="ID" default="HL" type="xsd:string" />
<xsd:attribute name="Name" default="Hierarchical Level" type="xsd:string" />
</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"
    minOccurs="0" nillable="true" />
  <xsd:element name="E_Hierarchical_Level_Code" type="E_735" />
  <xsd:element name="E_Hierarchical_Child_Code" type="E_736"
    minOccurs="0" nillable="true" />
</xsd:sequence>
<xsd:attribute name="Type" default="Segment" type="xsd:string" />
<xsd:attribute name="ID" default="HL" type="xsd:string" />
<xsd:attribute name="Name" default="Hierarchical Level" type="xsd:string" />
</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" fixed="AN" type="xsd:string" />
  <xsd:attribute name="ID" fixed="628" type="xsd:string" />
  <xsd:attribute name="Name" fixed="Hierarchical ID Number"
    type="xsd:string" />
</xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
- <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:annotation>
<xsd:attribute name="Type" default="Element" type="xsd:string" />
</xsd:complexType>

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- <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="RP" />
 - <xsd:attribute name="EDIDataType" fixed="ID" type="xsd:string" />
 - <xsd:attribute name="ID" fixed="735" type="xsd:string" />
 - <xsd:attribute name="Name" fixed="Hierarchical Level Code" type="xsd:string" />
 - </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" default="Element" type="xsd:string" />
 - </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" minOccurs="0" nillable="true" />
 - <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" minOccurs="0" nillable="true" />
 - <xsd:element name="E_Product_Service_ID_1" type="E_234" minOccurs="0" nillable="true" />
 - <xsd:element name="E_Product_Service_ID_Qualifier_2" type="E_235_2" minOccurs="0" nillable="true" />
 - <xsd:element name="E_Product_Service_ID_2" type="E_234" minOccurs="0" nillable="true" />
 - <xsd:element name="E_Product_Service_ID_Qualifier_3" type="E_235_3" minOccurs="0" nillable="true" />
 - <xsd:element name="E_Product_Service_ID_3" type="E_234_1" minOccurs="0" nillable="true" />
 - <xsd:element name="E_Product_Service_ID_Qualifier_4" type="E_235_3" minOccurs="0" nillable="true" />
 - <xsd:element name="E_Product_Service_ID_4" type="E_234_1" minOccurs="0" nillable="true" />
 - <xsd:element name="E_Product_Service_ID_Qualifier_5" type="E_235_3" minOccurs="0" nillable="true" />
 - <xsd:element name="E_Product_Service_ID_5" type="E_234_1" minOccurs="0" nillable="true" />

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  minOccurs="0" nillable="true" />
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  minOccurs="0" nillable="true" />
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  minOccurs="0" nillable="true" />
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  minOccurs="0" nillable="true" />
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  minOccurs="0" nillable="true" />
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  type="E_235_3" minOccurs="0" nillable="true" />
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  type="E_235_3" minOccurs="0" nillable="true" />
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  type="E_235_3" minOccurs="0" nillable="true" />
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  minOccurs="0" nillable="true" />
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  type="E_235_3" minOccurs="0" nillable="true" />
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- <xsd:complexType name="E_350">
- <xsd:annotation>
  <xsd:documentation>Alphanumeric characters assigned for
    differentiation within a transaction set</xsd:documentation>
</xsd:annotation>
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</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>

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- <xsd:simpleContent>
  - <xsd:restriction base="EDI-Element-String-Type">
    <xsd:enumeration value="FS" />
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    <xsd:attribute name="ID" fixed="235" type="xsd:string" />
    <xsd:attribute name="Name" fixed="Product/Service ID Qualifier"
      type="xsd:string" />
    </xsd:restriction>
  </xsd:simpleContent>
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- <xsd:complexType name="E_234">
  - <xsd:annotation>
    <xsd:documentation>Identifying number for a product or
      service</xsd:documentation>
    </xsd:annotation>
  - <xsd:simpleContent>
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      <xsd:minLength value="1" />
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      <xsd:attribute name="Name" fixed="Product/Service ID"
        type="xsd:string" />
    </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" />
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      <xsd:enumeration value="F8" />
      <xsd:enumeration value="ZB" />
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      <xsd:attribute name="Name" fixed="Product/Service ID Qualifier"
        type="xsd:string" />
    </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:simpleContent>

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- <xsd:restriction base="EDI-Element-String-Type">
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<xsd:attribute name="EDIDataType" fixed="ID" type="xsd:string" />
<xsd:attribute name="ID" fixed="235" type="xsd:string" />
<xsd:attribute name="Name" fixed="Product/Service ID Qualifier"
  type="xsd:string" />
</xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
- <xsd:complexType name="E_235_3">
- <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" default="Element" type="xsd:string" />
</xsd:complexType>

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- <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" default="Element" type="xsd:string" />
</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" />
    <xsd:element name="E_Time" type="E_337_1" minOccurs="0"
      nillable="true" />
    <xsd:element name="E_Time_Code" type="E_623" minOccurs="0"
      nillable="true" />
    <xsd:element name="E_Date_Time_Period_Format_Qualifier"
      type="E_1250" minOccurs="0" nillable="true" />
    <xsd:element name="E_Date_Time_Period" type="E_1251" minOccurs="0"
      nillable="true" />
  </xsd:sequence>
  <xsd:attribute name="Type" default="Segment" type="xsd:string" />
  <xsd:attribute name="ID" default="DTM" type="xsd:string" />
  <xsd:attribute name="Name" default="Date/Time Reference"
    type="xsd:string" />
</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="003" />
      <xsd:enumeration value="094" />
      <xsd:enumeration value="119" />
      <xsd:enumeration value="177" />
      <xsd:enumeration value="328" />
      <xsd:enumeration value="510" />
      <xsd:enumeration value="511" />
      <xsd:enumeration value="513" />
      <xsd:enumeration value="516" />
      <xsd:enumeration value="517" />
      <xsd:enumeration value="868" />
      <xsd:enumeration value="881" />
      <xsd:enumeration value="909" />
      <xsd:enumeration value="947" />
      <xsd:attribute name="EDIDataType" fixed="ID" type="xsd:string" />
      <xsd:attribute name="ID" fixed="374" type="xsd:string" />
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>

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        <xsd:attribute name="Name" fixed="Date/Time Qualifier"
            type="xsd:string" />
    </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" default="Element" type="xsd:string" />
</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" default="Element" type="xsd:string" />
</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" default="Element" type="xsd:string" />
</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" default="Element" type="xsd:string" />
</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" minOccurs="0"
        nillable="true" />
    <xsd:element name="C_Reference_Identifier" type="C_C040"
        minOccurs="0" nillable="true" />

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</xsd:sequence>
<xsd:attribute name="Type" default="Segment" type="xsd:string" />
<xsd:attribute name="ID" default="REF" type="xsd:string" />
<xsd:attribute name="Name" default="Reference Identification"
  type="xsd:string" />
</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="08" />
  <xsd:enumeration value="17" />
  <xsd:enumeration value="87" />
  <xsd:enumeration value="BL" />
  <xsd:enumeration value="BM" />
  <xsd:enumeration value="BY" />
  <xsd:enumeration value="F8" />
  <xsd:enumeration value="IK" />
  <xsd:enumeration value="IZ" />
  <xsd:enumeration value="K2" />
  <xsd:enumeration value="K3" />
  <xsd:enumeration value="NN" />
  <xsd:enumeration value="PO" />
  <xsd:enumeration value="S2" />
  <xsd:enumeration value="SI" />
  <xsd:enumeration value="TG" />
  <xsd:enumeration value="TN" />
  <xsd:enumeration value="W4" />
  <xsd:enumeration value="XY" />
  <xsd:attribute name="EDIDataType" fixed="ID" type="xsd:string" />
  <xsd:attribute name="ID" fixed="128" type="xsd:string" />
  <xsd:attribute name="Name" fixed="Reference Identification Qualifier"
    type="xsd:string" />
  </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:attribute name="EDIDataType" fixed="AN" type="xsd:string" />
  <xsd:attribute name="ID" fixed="352" type="xsd:string" />
  <xsd:attribute name="Name" fixed="Description" type="xsd:string" />
  </xsd:restriction>

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    </xsd:simpleContent>
  </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" minOccurs="0" nillable="true" />
  <xsd:element name="E_Reference_Identification_1" type="E_127"
    minOccurs="0" nillable="true" />
  <xsd:element name="E_Reference_Identification_Qualifier_2"
    type="E_128_2" minOccurs="0" nillable="true" />
  <xsd:element name="E_Reference_Identification_2" type="E_127"
    minOccurs="0" nillable="true" />
</xsd:sequence>
  <xsd:attribute name="Type" default="Composite" type="xsd:string" />
  <xsd:attribute name="ID" default="C040" type="xsd:string" />
  <xsd:attribute name="Name" default="Reference Identifier"
    type="xsd:string" />
</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:enumeration value="PSM" />
    <xsd:enumeration value="URL" />
    <xsd:attribute name="EDIDataType" fixed="ID" type="xsd:string" />
    <xsd:attribute name="ID" fixed="128" type="xsd:string" />
    <xsd:attribute name="Name" fixed="Reference Identification Qualifier"
      type="xsd:string" />
  </xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
- <xsd:complexType name="E_128_2">
  - <xsd:annotation>
    <xsd:documentation>Code qualifying the Reference
    Identification</xsd:documentation>
  </xsd:annotation>
- <xsd:simpleContent>
  - <xsd:restriction base="EDI-Element-String-Type">
    <xsd:enumeration value="01" />
    <xsd:enumeration value="02" />
    <xsd:enumeration value="03" />
  </xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>

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</xsd:annotation>
- <xsd:sequence>
  <xsd:element name="E_Contract_Number" type="E_367" minOccurs="0"
    nillable="true" />
  <xsd:element name="E_Change_Order_Sequence_Number" type="E_327"
    minOccurs="0" nillable="true" />
  <xsd:element name="E_Release_Number" type="E_328" minOccurs="0"
    nillable="true" />
  <xsd:element name="E_Reference_Identification_Qualifier"
    type="E_128_3" minOccurs="0" nillable="true" />
  <xsd:element name="E_Reference_Identification" type="E_127"
    minOccurs="0" nillable="true" />
  <xsd:element name="E_Purchase_Order_Number" type="E_324"
    minOccurs="0" nillable="true" />
  <xsd:element name="E_Special_Services_Code" type="E_560"
    minOccurs="0" nillable="true" />
  <xsd:element name="E_F_O_B__Point_Code" type="E_433" minOccurs="0"
    nillable="true" />
  <xsd:element name="E_Percent" type="E_954" minOccurs="0"
    nillable="true" />
  <xsd:element name="E_Percent_1" type="E_954" minOccurs="0"
    nillable="true" />
  <xsd:element name="E_Monetary_Amount" type="E_782" minOccurs="0"
    nillable="true" />
  <xsd:element name="E_Terms_Type_Code" type="E_336" minOccurs="0"
    nillable="true" />

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<xsd:element name="E_Special_Services_Code_1" type="E_560"
  minOccurs="0" nillable="true" />
<xsd:element name="E_Unit_or_Basis_for_Measurement_Code"
  type="E_355" minOccurs="0" nillable="true" />
<xsd:element name="E_Unit_Price" type="E_212" minOccurs="0"
  nillable="true" />
<xsd:element name="E_Terms_Type_Code_1" type="E_336"
  minOccurs="0" nillable="true" />
<xsd:element name="E_Yes_No_Condition_or_Response_Code"
  type="E_1073" minOccurs="0" nillable="true" />
<xsd:element name="E_Yes_No_Condition_or_Response_Code_1"
  type="E_1073" minOccurs="0" nillable="true" />
</xsd:sequence>
<xsd:attribute name="Type" default="Segment" type="xsd:string" />
<xsd:attribute name="ID" default="CS" type="xsd:string" />
<xsd:attribute name="Name" default="Contract Summary"
  type="xsd:string" />
</xsd:complexType>
- <xsd:complexType name="E_367">
- <xsd:annotation>
  <xsd:documentation>Contract number</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" fixed="AN" type="xsd:string" />
  <xsd:attribute name="ID" fixed="367" type="xsd:string" />
  <xsd:attribute name="Name" fixed="Contract Number"
    type="xsd:string" />
</xsd:restriction>
</xsd:simpleContent>
</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" default="Element" type="xsd:string" />
</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:simpleContent>
- <xsd:restriction base="EDI-Element-String-Type">
  <xsd:maxLength value="30" />
  <xsd:minLength value="1" />
  <xsd:attribute name="EDIDataType" fixed="AN" type="xsd:string" />
  <xsd:attribute name="ID" fixed="328" type="xsd:string" />

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        <xsd:attribute name="Name" fixed="Release Number"
            type="xsd:string" />
    </xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
- <xsd:complexType name="E_128_3">
- <xsd:annotation>
    <xsd:documentation>Code qualifying the Reference
        Identification</xsd:documentation>
</xsd:annotation>
- <xsd:simpleContent>
- <xsd:restriction base="EDI-Element-String-Type">
    <xsd:enumeration value="C7" />
    <xsd:attribute name="EDIDataType" fixed="ID" type="xsd:string" />
    <xsd:attribute name="ID" fixed="128" type="xsd:string" />
    <xsd:attribute name="Name" fixed="Reference Identification Qualifier"
        type="xsd:string" />
</xsd:restriction>
</xsd:simpleContent>
</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" default="Element" type="xsd:string" />
</xsd:complexType>
- <xsd:complexType name="E_560">
- <xsd:annotation>
    <xsd:documentation>Code identifying the special
        service</xsd:documentation>
</xsd:annotation>
    <xsd:attribute name="Type" default="Element" type="xsd:string" />
</xsd:complexType>
- <xsd:complexType name="E_433">
- <xsd:annotation>
    <xsd:documentation>Code identifying type of F.O.B.
        point</xsd:documentation>
</xsd:annotation>
    <xsd:attribute name="Type" default="Element" type="xsd:string" />
</xsd:complexType>
- <xsd:complexType name="E_954">
- <xsd:annotation>
    <xsd:documentation>Percentage expressed as a
        decimal</xsd:documentation>
</xsd:annotation>
    <xsd:attribute name="Type" default="Element" type="xsd:string" />
</xsd:complexType>
- <xsd:complexType name="E_782">
- <xsd:annotation>
    <xsd:documentation>Monetary amount</xsd:documentation>
</xsd:annotation>

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    <xsd:attribute name="Type" default="Element" type="xsd:string" />
  </xsd:complexType>
- <xsd:complexType name="E_336">
  - <xsd:annotation>
    <xsd:documentation>Code identifying type of payment terms</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" default="Element" type="xsd:string" />
</xsd:complexType>
- <xsd:complexType name="E_355">
  - <xsd:annotation>
    <xsd:documentation>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" default="Element" type="xsd:string" />
</xsd:complexType>
- <xsd:complexType name="E_212">
  - <xsd:annotation>
    <xsd:documentation>Price per unit of product, service, commodity, etc.</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" default="Element" type="xsd:string" />
</xsd:complexType>
- <xsd:complexType name="E_1073">
  - <xsd:annotation>
    <xsd:documentation>Code indicating a Yes or No condition or response</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" default="Element" type="xsd:string" />
</xsd:complexType>
- <xsd:complexType name="S_PWK">
  - <xsd:annotation>
    <xsd:documentation>To identify the type or transmission or both of paperwork or supporting information</xsd:documentation>
  </xsd:annotation>
  - <xsd:sequence>
    <xsd:element name="E_Report_Type_Code" type="E_755" />
    <xsd:element name="E_Report_Transmission_Code" type="E_756" minOccurs="0" nillable="true" />
    <xsd:element name="E_Report_Copies_Needed" type="E_757" minOccurs="0" nillable="true" />
    <xsd:element name="E_Entity_Identifier_Code" type="E_98_2" minOccurs="0" nillable="true" />
    <xsd:element name="E_Identification_Code_Qualifier" type="E_66_1" minOccurs="0" nillable="true" />
    <xsd:element name="E_Identification_Code" type="E_67_1" minOccurs="0" nillable="true" />
    <xsd:element name="E_Description" type="E_352_1" minOccurs="0" nillable="true" />
    <xsd:element name="C_Actions_Indicated" type="C_C002" minOccurs="0" nillable="true" />
    <xsd:element name="E_Request_Category_Code" type="E_1525"

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minOccurs="0" nillable="true" />
</xsd:sequence>
<xsd:attribute name="Type" default="Segment" type="xsd:string" />
<xsd:attribute name="ID" default="PWK" type="xsd:string" />
<xsd:attribute name="Name" default="Paperwork" type="xsd:string" />
</xsd:complexType>
- <xsd:complexType name="E_755">
- <xsd:annotation>
  <xsd:documentation>Code indicating the title or contents of a document,
  report or supporting item</xsd:documentation>
</xsd:annotation>
- <xsd:simpleContent>
- <xsd:restriction base="EDI-Element-String-Type">
  <xsd:enumeration value="AE" />
  <xsd:enumeration value="R6" />
  <xsd:attribute name="EDIDataType" fixed="ID" type="xsd:string" />
  <xsd:attribute name="ID" fixed="755" type="xsd:string" />
  <xsd:attribute name="Name" fixed="Report Type Code"
  type="xsd:string" />
</xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
- <xsd:complexType name="E_756">
- <xsd:annotation>
  <xsd:documentation>Code defining timing, transmission method or
  format by which reports are to be sent</xsd:documentation>
</xsd:annotation>
  <xsd:attribute name="Type" default="Element" type="xsd:string" />
</xsd:complexType>
- <xsd:complexType name="E_757">
- <xsd:annotation>
  <xsd:documentation>The number of copies of a report that should be sent
  to the addressee</xsd:documentation>
</xsd:annotation>
  <xsd:attribute name="Type" default="Element" type="xsd:string" />
</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:attribute name="Type" default="Element" type="xsd:string" />
</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:attribute name="Type" default="Element" type="xsd:string" />
</xsd:complexType>
- <xsd:complexType name="E_67_1">
- <xsd:annotation>

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    <xsd:documentation>Code identifying a party or other
    code</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" default="Element" type="xsd:string" />
</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" default="Element" type="xsd:string" />
</xsd:complexType>
- <xsd:complexType name="C_C002">
- <xsd:annotation>
  <xsd:documentation>Actions to be performed on the piece of paperwork
  identified</xsd:documentation>
</xsd:annotation>
- <xsd:sequence>
  <xsd:element name="E_Paperwork_Report_Action_Code"
    type="E_704" />
  <xsd:element name="E_Paperwork_Report_Action_Code_1"
    type="E_704" />
  <xsd:element name="E_Paperwork_Report_Action_Code_2"
    type="E_704" />
  <xsd:element name="E_Paperwork_Report_Action_Code_3"
    type="E_704" />
  <xsd:element name="E_Paperwork_Report_Action_Code_4"
    type="E_704" />
</xsd:sequence>
  <xsd:attribute name="Type" default="Composite" type="xsd:string" />
  <xsd:attribute name="ID" default="C002" type="xsd:string" />
  <xsd:attribute name="Name" default="Actions Indicated" type="xsd:string" />
</xsd:complexType>
- <xsd:complexType name="E_704">
- <xsd:annotation>
  <xsd:documentation>Code specifying how the paperwork or report that is
  identified in the PWK segment relates to the transaction set or to
  identify the action that is required</xsd:documentation>
</xsd:annotation>
</xsd:complexType>
- <xsd:complexType name="E_1525">
- <xsd:annotation>
  <xsd:documentation>Code indicating a type of
  request</xsd:documentation>
</xsd:annotation>
  <xsd:attribute name="Type" default="Element" type="xsd:string" />
</xsd:complexType>
- <xsd:complexType name="L_LM">
- <xsd:annotation>
  <xsd:documentation>To transmit standard code list identification
  information</xsd:documentation>
</xsd:annotation>
- <xsd:sequence>

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```

<xsd:element name="S_Code_Source_Information" type="S_LM"
  minOccurs="1" />
<xsd:element name="S_Industry_Code" type="S_LQ"
  maxOccurs="unbounded" />
</xsd:sequence>
<xsd:attribute name="Type" default="Loop" type="xsd:string" />
<xsd:attribute name="ID" default="LM" type="xsd:string" />
<xsd:attribute name="Name" default="Code Source Information"
  type="xsd:string" />
</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" minOccurs="0"
    nillable="true" />
</xsd:sequence>
<xsd:attribute name="Type" default="Segment" type="xsd:string" />
<xsd:attribute name="ID" default="LM" type="xsd:string" />
<xsd:attribute name="Name" default="Code Source Information"
  type="xsd:string" />
</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" fixed="ID" type="xsd:string" />
    <xsd:attribute name="ID" fixed="559" type="xsd:string" />
    <xsd:attribute name="Name" fixed="Agency Qualifier Code"
      type="xsd:string" />
    </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" default="Element" type="xsd:string" />
</xsd:complexType>
- <xsd:complexType name="S_LQ">
- <xsd:annotation>
  <xsd:documentation>Code to transmit standard industry
  codes</xsd:documentation>
</xsd:annotation>
- <xsd:sequence>

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```

    <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" default="Segment" type="xsd:string" />
  <xsd:attribute name="ID" default="LQ" type="xsd:string" />
  <xsd:attribute name="Name" default="Industry Code" type="xsd:string" />
</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="D" />
  <xsd:enumeration value="78" />
  <xsd:enumeration value="83" />
  <xsd:enumeration value="85" />
  <xsd:enumeration value="99" />
  <xsd:enumeration value="A4" />
  <xsd:enumeration value="A9" />
  <xsd:enumeration value="DE" />
  <xsd:enumeration value="DG" />
  <xsd:enumeration value="EQ" />
  <xsd:enumeration value="GQ" />
  <xsd:enumeration value="HB" />
  <xsd:enumeration value="TG" />
  <xsd:enumeration value="TR" />
  <xsd:enumeration value="COG" />
  <xsd:attribute name="EDIDataType" fixed="ID" type="xsd:string" />
  <xsd:attribute name="ID" fixed="1270" type="xsd:string" />
  <xsd:attribute name="Name" fixed="Code List Qualifier Code"
    type="xsd:string" />
  </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" fixed="AN" type="xsd:string" />
  <xsd:attribute name="ID" fixed="1271" type="xsd:string" />
  <xsd:attribute name="Name" fixed="Industry Code"
    type="xsd:string" />
  </xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>

```

```

- <xsd:complexType name="L_NCD">
- <xsd:annotation>
  <xsd:documentation>To describe the nonconformance
  condition</xsd:documentation>
</xsd:annotation>
- <xsd:sequence>
  <xsd:element name="S_Nonconformance_Description" type="S_NCD"
    minOccurs="1" />
  <xsd:element name="S_Note_Special_Instruction" type="S_NTE"
    minOccurs="0" maxOccurs="unbounded" nillable="true" />
  <xsd:element name="S_Reference_Identification" type="S_REF_1"
    minOccurs="0" maxOccurs="unbounded" nillable="true" />
  <xsd:element name="S_Quantity" type="S_QTY" minOccurs="0"
    maxOccurs="unbounded" nillable="true" />
  <xsd:element name="S_Monetary_Amount" type="S_AMT" minOccurs="0"
    maxOccurs="unbounded" nillable="true" />
  <xsd:element name="L_Name" type="L_N1_1" minOccurs="0"
    maxOccurs="unbounded" nillable="true" />
  <xsd:element name="L_Code_Source_Information" type="L_LM_1"
    minOccurs="0" maxOccurs="unbounded" nillable="true" />
</xsd:sequence>
  <xsd:attribute name="Type" default="Loop" type="xsd:string" />
  <xsd:attribute name="ID" default="NCD" type="xsd:string" />
  <xsd:attribute name="Name" default="Nonconformance Description"
    type="xsd:string" />
</xsd:complexType>
- <xsd:complexType name="S_NCD">
- <xsd:annotation>
  <xsd:documentation>To describe the nonconformance
  condition</xsd:documentation>
</xsd:annotation>
- <xsd:sequence>
  <xsd:element name="E_Measurement_Attribute_Code" type="E_936"
    minOccurs="0" nillable="true" />
  <xsd:element name="E_Nonconformance_Determination_Code"
    type="E_888" />
  <xsd:element name="E_Assigned_Identification" type="E_350_1" />
  <xsd:element name="E_Product_Process_Characteristic_Code"
    type="E_750" minOccurs="0" nillable="true" />
  <xsd:element name="E_Agency_Qualifier_Code" type="E_559_1"
    minOccurs="0" nillable="true" />
  <xsd:element name="E_Product_Description_Code" type="E_751"
    minOccurs="0" nillable="true" />
  <xsd:element name="E_Description" type="E_352_1" minOccurs="0"
    nillable="true" />
</xsd:sequence>
  <xsd:attribute name="Type" default="Segment" type="xsd:string" />
  <xsd:attribute name="ID" default="NCD" type="xsd:string" />
  <xsd:attribute name="Name" default="Nonconformance Description"
    type="xsd:string" />
</xsd:complexType>
- <xsd:complexType name="E_936">
- <xsd:annotation>

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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>
  <xsd:attribute name="Type" default="Element" type="xsd:string" />
</xsd:complexType>
- <xsd:complexType name="E_888">
- <xsd:annotation>
  <xsd:documentation>Code indicating whether a nonconforming condition
  was the reason for submitting or the basis upon which a
  nonconformance report is initiated</xsd:documentation>
</xsd:annotation>
- <xsd:simpleContent>
- <xsd:restriction base="EDI-Element-String-Type">
  <xsd:enumeration value="5" />
  <xsd:attribute name="EDIDataType" fixed="ID" type="xsd:string" />
  <xsd:attribute name="ID" fixed="888" type="xsd:string" />
  <xsd:attribute name="Name" fixed="Nonconformance Determination
  Code" type="xsd:string" />
</xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
- <xsd:complexType name="E_350_1">
- <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" fixed="AN" type="xsd:string" />
  <xsd:attribute name="ID" fixed="350" type="xsd:string" />
  <xsd:attribute name="Name" fixed="Assigned Identification"
  type="xsd:string" />
</xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
- <xsd:complexType name="E_750">
- <xsd:annotation>
  <xsd:documentation>Code identifying the general class of a product or
  process characteristic</xsd:documentation>
</xsd:annotation>
  <xsd:attribute name="Type" default="Element" type="xsd:string" />
</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:attribute name="Type" default="Element" type="xsd:string" />
</xsd:complexType>
- <xsd:complexType name="E_751">

```

```

- <xsd:annotation>
  <xsd:documentation>A code from an industry code list which provides
  specific data about a product characteristic</xsd:documentation>
</xsd:annotation>
  <xsd:attribute name="Type" default="Element" type="xsd:string" />
</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" />
  <xsd:element name="E_Description" type="E_352" />
</xsd:sequence>
  <xsd:attribute name="Type" default="Segment" type="xsd:string" />
  <xsd:attribute name="ID" default="NTE" type="xsd:string" />
  <xsd:attribute name="Name" default="Note/Special Instruction"
  type="xsd:string" />
</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="ACI" />
  <xsd:enumeration value="ACN" />
  <xsd:enumeration value="APS" />
  <xsd:enumeration value="CIR" />
  <xsd:enumeration value="COD" />
  <xsd:enumeration value="DGN" />
  <xsd:enumeration value="EBK" />
  <xsd:enumeration value="ODD" />
  <xsd:enumeration value="POL" />
  <xsd:enumeration value="REC" />
  <xsd:enumeration value="RPT" />
  <xsd:enumeration value="SSC" />
  <xsd:enumeration value="TPO" />
  <xsd:enumeration value="WHI" />
  <xsd:attribute name="EDIDataType" fixed="ID" type="xsd:string" />
  <xsd:attribute name="ID" fixed="363" type="xsd:string" />
  <xsd:attribute name="Name" fixed="Note Reference Code"
  type="xsd:string" />
</xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
- <xsd:complexType name="S_REF_1">
- <xsd:annotation>
  <xsd:documentation>To specify identifying
  information</xsd:documentation>

```

```

</xsd:annotation >
- <xsd:sequence >
  <xsd:element name="E_Reference_Identification_Qualifier"
    type="E_128_4" />
  <xsd:element name="E_Reference_Identification" type="E_127"
    minOccurs="0" nillable="true" />
  <xsd:element name="E_Description" type="E_352" minOccurs="0"
    nillable="true" />
  <xsd:element name="C_Reference_Identifier" type="C_C040_1"
    minOccurs="0" nillable="true" />
</xsd:sequence >
<xsd:attribute name="Type" default="Segment" type="xsd:string" />
<xsd:attribute name="ID" default="REF" type="xsd:string" />
<xsd:attribute name="Name" default="Reference Identification"
  type="xsd:string" />
</xsd:complexType >
- <xsd:complexType name="E_128_4">
  - <xsd:annotation >
    <xsd:documentation>Code qualifying the Reference
      Identification</xsd:documentation >
  </xsd:annotation >
  - <xsd:simpleContent >
    - <xsd:restriction base="EDI -Element -String -Type">
      <xsd:enumeration value="BT" />
      <xsd:enumeration value="M1" />
      <xsd:enumeration value="NS" />
      <xsd:enumeration value="OC" />
      <xsd:enumeration value="PM" />
      <xsd:enumeration value="SE" />
      <xsd:enumeration value="U3" />
      <xsd:enumeration value="XA" />
      <xsd:enumeration value="XB" />
      <xsd:attribute name="EDIDataType" fixed="ID" type="xsd:string" />
      <xsd:attribute name="ID" fixed="128" type="xsd:string" />
      <xsd:attribute name="Name" fixed="Reference Identification Qualifier"
        type="xsd:string" />
    </xsd:restriction >
  </xsd:simpleContent >
</xsd:complexType >
- <xsd:complexType name="C_C040_1">
  - <xsd:annotation >
    <xsd:documentation>To identify one or more reference numbers or
      identification numbers as specified by the Reference
      Qualifier</xsd:documentation >
  </xsd:annotation >
  - <xsd:sequence >
    <xsd:element name="E_Reference_Identification_Qualifier"
      type="E_128_5" />
    <xsd:element name="E_Reference_Identification" type="E_127" />
    <xsd:element name="E_Reference_Identification_Qualifier_1"
      type="E_128_2" minOccurs="0" nillable="true" />
    <xsd:element name="E_Reference_Identification_1" type="E_127"
      minOccurs="0" nillable="true" />
  </xsd:sequence >

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<xsd:element name="E_Reference_Identification_Qualifier_2"
  type="E_128_6" minOccurs="0" nillable="true" />
<xsd:element name="E_Reference_Identification_2" type="E_127_1"
  minOccurs="0" nillable="true" />
</xsd:sequence>
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<xsd:attribute name="ID" default="C040" type="xsd:string" />
<xsd:attribute name="Name" default="Reference Identifier"
  type="xsd:string" />
</xsd:complexType>
- <xsd:complexType name="E_128_5">
- <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="PM" />
  <xsd:enumeration value="QW" />
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  <xsd:attribute name="EDIDataType" fixed="ID" type="xsd:string" />
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  <xsd:attribute name="Name" fixed="Reference Identification Qualifier"
    type="xsd:string" />
</xsd:restriction>
</xsd:simpleContent>
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- <xsd:complexType name="E_128_6">
- <xsd:annotation>
  <xsd:documentation>Code qualifying the Reference
  Identification</xsd:documentation>
</xsd:annotation>
  <xsd:attribute name="Type" default="Element" type="xsd:string" />
</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" default="Element" type="xsd:string" />
</xsd:complexType>
- <xsd:complexType name="S_QTY">
- <xsd:annotation>
  <xsd:documentation>To specify quantity information</xsd:documentation>
</xsd:annotation>
- <xsd:sequence>
  <xsd:element name="E_Quantity_Qualifier" type="E_673" />
  <xsd:element name="E_Quantity" type="E_380" />
  <xsd:element name="C_Composite_Unit_of_Measure" type="C_C001"
    minOccurs="0" nillable="true" />
  <xsd:element name="E_Free-Form_Message" type="E_61" minOccurs="0"

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nillable="true" />
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- <xsd:annotation>
  <xsd:documentation>Code specifying the type of
  quantity</xsd:documentation>
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- <xsd:simpleContent>
- <xsd:restriction base="EDI-Element-String-Type">
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  type="xsd:string" />
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</xsd:simpleContent>
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- <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" fixed="R" type="xsd:string" />
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  <xsd:attribute name="Name" fixed="Quantity" type="xsd:string" />
</xsd:restriction>
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- <xsd:complexType name="C_C001">
- <xsd:annotation>
  <xsd:documentation>To identify a composite unit of measure(See Figures
  Appendix for examples of use)</xsd:documentation>
</xsd:annotation>
- <xsd:sequence>
  <xsd:element name="E_Unit_or_Basis_for_Measurement_Code"
  type="E_355_1" />
  <xsd:element name="E_Exponent" type="E_1018" minOccurs="0"
  nillable="true" />

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<xsd:element name="E_Multiplier" type="E_649" minOccurs="0"
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  nillable="true" />
<xsd:element name="E_Multiplier_2" type="E_649" minOccurs="0"
  nillable="true" />
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  type="E_355" minOccurs="0" nillable="true" />
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  nillable="true" />
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  nillable="true" />
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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:simpleContent>
- <xsd:restriction base="EDI-Element-String-Type">
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    <xsd:attribute name="EDIDataType" fixed="ID" type="xsd:string" />
    <xsd:attribute name="ID" fixed="355" type="xsd:string" />
    <xsd:attribute name="Name" fixed="Unit or Basis for Measurement
      Code" type="xsd:string" />
  </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" default="Element" type="xsd:string" />
</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" default="Element" type="xsd:string" />
</xsd:complexType>
- <xsd:complexType name="E_61">
- <xsd:annotation>
  <xsd:documentation>Free-form information</xsd:documentation>
</xsd:annotation>
  <xsd:attribute name="Type" default="Element" type="xsd:string" />
</xsd:complexType>
- <xsd:complexType name="S_AMT">
- <xsd:annotation>
  <xsd:documentation>To indicate the total monetary
    amount</xsd:documentation>
</xsd:annotation>
- <xsd:sequence>
  <xsd:element name="E_Amount_Qualifier_Code" type="E_522" />
  <xsd:element name="E_Monetary_Amount" type="E_782_1" />
  <xsd:element name="E_Credit_Debit_Flag_Code" type="E_478"
    minOccurs="0" nillable="true" />
</xsd:sequence>
  <xsd:attribute name="Type" default="Segment" type="xsd:string" />
  <xsd:attribute name="ID" default="AMT" type="xsd:string" />
  <xsd:attribute name="Name" default="Monetary Amount" type="xsd:string" />
</xsd:complexType>
- <xsd:complexType name="E_522">

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- <xsd:annotation>
  <xsd:documentation>Code to qualify amount</xsd:documentation>
</xsd:annotation>
- <xsd:simpleContent>
  - <xsd:restriction base="EDI-Element-String-Type">
    <xsd:enumeration value="10" />
    <xsd:enumeration value="2H" />
    <xsd:enumeration value="UI" />
    <xsd:enumeration value="Z1" />
    <xsd:enumeration value="Z2" />
    <xsd:enumeration value="Z3" />
    <xsd:enumeration value="CRC" />
    <xsd:enumeration value="RPC" />
    <xsd:attribute name="EDIDataType" fixed="ID" type="xsd:string" />
    <xsd:attribute name="ID" fixed="522" type="xsd:string" />
    <xsd:attribute name="Name" fixed="Amount Qualifier Code"
      type="xsd:string" />
  </xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
- <xsd:complexType name="E_782_1">
  - <xsd:annotation>
    <xsd:documentation>Monetary amount</xsd:documentation>
  </xsd:annotation>
  - <xsd:simpleContent>
    - <xsd:restriction base="EDI-Element-Decimal-Type">
      <xsd:attribute name="EDIDataType" fixed="R" type="xsd:string" />
      <xsd:attribute name="ID" fixed="782" type="xsd:string" />
      <xsd:attribute name="Name" fixed="Monetary Amount"
        type="xsd:string" />
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
- <xsd:complexType name="E_478">
  - <xsd:annotation>
    <xsd:documentation>Code indicating whether amount is a credit or
      debit</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" default="Element" type="xsd:string" />
</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" minOccurs="1" />
    <xsd:element name="S_Additional_Name_Information" type="S_N2"
      minOccurs="0" maxOccurs="2" nillable="true" />
    <xsd:element name="S_Address_Information" type="S_N3" minOccurs="0"
      maxOccurs="2" nillable="true" />
    <xsd:element name="S_Geographic_Location" type="S_N4" minOccurs="0"

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nillable="true" />
  <xsd:element name="S_Administrative_Communications_Contact"
    type="S_PER" minOccurs="0" maxOccurs="unbounded" nillable="true" />
</xsd:sequence>
<xsd:attribute name="Type" default="Loop" type="xsd:string" />
<xsd:attribute name="ID" default="N1" type="xsd:string" />
<xsd:attribute name="Name" default="Name" type="xsd:string" />
</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_3" />
  <xsd:element name="E_Name" type="E_93" minOccurs="0"
    nillable="true" />
  <xsd:element name="E_Identification_Code_Qualifier" type="E_66_2"
    minOccurs="0" nillable="true" />
  <xsd:element name="E_Identification_Code" type="E_67" minOccurs="0"
    nillable="true" />
  <xsd:element name="E_Entity_Relationship_Code" type="E_706"
    minOccurs="0" nillable="true" />
  <xsd:element name="E_Entity_Identifier_Code_1" type="E_98_2"
    minOccurs="0" nillable="true" />
</xsd:sequence>
  <xsd:attribute name="Type" default="Segment" type="xsd:string" />
  <xsd:attribute name="ID" default="N1" type="xsd:string" />
  <xsd:attribute name="Name" default="Name" type="xsd:string" />
</xsd:complexType>
- <xsd:complexType name="E_98_3">
- <xsd:annotation>
  <xsd:documentation>Code identifying an organizational entity, a physical
    location, property or an individual</xsd:documentation>
</xsd:annotation>
- <xsd:simpleContent>
  - <xsd:restriction base="EDI -Element -String -Type">
    <xsd:enumeration value="42" />
    <xsd:enumeration value="91" />
    <xsd:enumeration value="KA" />
    <xsd:enumeration value="LW" />
    <xsd:enumeration value="MF" />
    <xsd:enumeration value="SH" />
    <xsd:enumeration value="SU" />
    <xsd:enumeration value="DIR" />
    <xsd:enumeration value="IAT" />
    <xsd:enumeration value="SUS" />
    <xsd:attribute name="EDIDataType" fixed="ID" type="xsd:string" />
    <xsd:attribute name="ID" fixed="98" type="xsd:string" />
    <xsd:attribute name="Name" fixed="Entity Identifier Code"
      type="xsd:string" />
  </xsd:restriction>
</xsd:simpleContent>

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</xsd:complexType>
- <xsd:complexType name="E_66_2">
  - <xsd:annotation>
    <xsd:documentation>Code designating the system/method of code
      structure used for Identification Code (67)</xsd:documentation>
  </xsd:annotation>
  - <xsd:simpleContent>
    - <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="1" />
      <xsd:enumeration value="8" />
      <xsd:enumeration value="10" />
      <xsd:enumeration value="33" />
      <xsd:enumeration value="A2" />
      <xsd:enumeration value="M4" />
      <xsd:enumeration value="M6" />
      <xsd:attribute name="EDIDataType" fixed="ID" type="xsd:string" />
      <xsd:attribute name="ID" fixed="66" type="xsd:string" />
      <xsd:attribute name="Name" fixed="Identification Code Qualifier"
        type="xsd:string" />
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
- <xsd:complexType name="S_N2">
  - <xsd:annotation>
    <xsd:documentation>To specify additional names</xsd:documentation>
  </xsd:annotation>
  - <xsd:sequence>
    <xsd:element name="E_Name" type="E_93" />
    <xsd:element name="E_Name_1" type="E_93" minOccurs="0"
      nillable="true" />
  </xsd:sequence>
  <xsd:attribute name="Type" default="Segment" type="xsd:string" />
  <xsd:attribute name="ID" default="N2" type="xsd:string" />
  <xsd:attribute name="Name" default="Additional Name Information"
    type="xsd:string" />
</xsd:complexType>
- <xsd:complexType name="S_N3">
  - <xsd:annotation>
    <xsd:documentation>To specify the location of the named
      party</xsd:documentation>
  </xsd:annotation>
  - <xsd:sequence>
    <xsd:element name="E_Address_Information" type="E_166" />
    <xsd:element name="E_Address_Information_1" type="E_166_1"
      minOccurs="0" nillable="true" />
  </xsd:sequence>
  <xsd:attribute name="Type" default="Segment" type="xsd:string" />
  <xsd:attribute name="ID" default="N3" type="xsd:string" />
  <xsd:attribute name="Name" default="Address Information"
    type="xsd:string" />
</xsd:complexType>
- <xsd:complexType name="E_166">

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- <xsd:annotation>
  <xsd:documentation>Address information</xsd:documentation>
</xsd:annotation>
- <xsd:simpleContent>
  - <xsd:restriction base="EDI-Element-String-Type">
    <xsd:maxLength value="55" />
    <xsd:minLength value="1" />
    <xsd:attribute name="EDIDataType" fixed="AN" type="xsd:string" />
    <xsd:attribute name="ID" fixed="166" type="xsd:string" />
    <xsd:attribute name="Name" fixed="Address Information"
      type="xsd:string" />
  </xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
- <xsd:complexType name="E_166_1">
  - <xsd:annotation>
    <xsd:documentation>Address information</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" default="Element" type="xsd:string" />
</xsd:complexType>
- <xsd:complexType name="S_N4">
  - <xsd:annotation>
    <xsd:documentation>To specify the geographic place of the named
      party</xsd:documentation>
  </xsd:annotation>
  - <xsd:sequence>
    <xsd:element name="E_City_Name" type="E_19" minOccurs="0"
      nillable="true" />
    <xsd:element name="E_State_or_Province_Code" type="E_156"
      minOccurs="0" nillable="true" />
    <xsd:element name="E_Postal_Code" type="E_116" minOccurs="0"
      nillable="true" />
    <xsd:element name="E_Country_Code" type="E_26" minOccurs="0"
      nillable="true" />
    <xsd:element name="E_Location_Qualifier" type="E_309" minOccurs="0"
      nillable="true" />
    <xsd:element name="E_Location_Identifier" type="E_310" minOccurs="0"
      nillable="true" />
    <xsd:element name="E_Country_Subdivision_Code" type="E_1715"
      minOccurs="0" nillable="true" />
  </xsd:sequence>
  <xsd:attribute name="Type" default="Segment" type="xsd:string" />
  <xsd:attribute name="ID" default="N4" type="xsd:string" />
  <xsd:attribute name="Name" default="Geographic Location"
    type="xsd:string" />
</xsd:complexType>
- <xsd:complexType name="E_19">
  - <xsd:annotation>
    <xsd:documentation>Free-form text for city name</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" default="Element" type="xsd:string" />
</xsd:complexType>
- <xsd:complexType name="E_156">

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- <xsd:annotation>
  <xsd:documentation>Code (Standard State/Province) as defined by
  appropriate government agency</xsd:documentation>
</xsd:annotation>
- <xsd:simpleContent>
  - <xsd:restriction base="EDI-Element-String-Type">
    <xsd:maxLength value="2" />
    <xsd:minLength value="2" />
    <xsd:attribute name="EDIDataType" fixed="ID" type="xsd:string" />
    <xsd:attribute name="ID" fixed="156" type="xsd:string" />
    <xsd:attribute name="Name" fixed="State or Province Code"
      type="xsd:string" />
  </xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
- <xsd:complexType name="E_116">
  - <xsd:annotation>
    <xsd:documentation>Code defining international postal zone code
    excluding punctuation and blanks (zip code for United States)
    </xsd:documentation>
  </xsd:annotation>
  - <xsd:simpleContent>
    - <xsd:restriction base="EDI-Element-String-Type">
      <xsd:maxLength value="15" />
      <xsd:minLength value="3" />
      <xsd:attribute name="EDIDataType" fixed="ID" type="xsd:string" />
      <xsd:attribute name="ID" fixed="116" type="xsd:string" />
      <xsd:attribute name="Name" fixed="Postal Code" type="xsd:string" />
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
- <xsd:complexType name="E_26">
  - <xsd:annotation>
    <xsd:documentation>Code identifying the country</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" default="Element" type="xsd:string" />
</xsd:complexType>
- <xsd:complexType name="E_309">
  - <xsd:annotation>
    <xsd:documentation>Code identifying type of
    location</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" default="Element" type="xsd:string" />
</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" default="Element" type="xsd:string" />
</xsd:complexType>
- <xsd:complexType name="E_1715">

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- <xsd:annotation>
  <xsd:documentation>Code identifying the country
  subdivision</xsd:documentation>
</xsd:annotation>
  <xsd:attribute name="Type" default="Element" type="xsd:string" />
</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" />
  <xsd:element name="E_Name" type="E_93" minOccurs="0"
    nillable="true" />
  <xsd:element name="E_Communication_Number_Qualifier"
    type="E_365" />
  <xsd:element name="E_Communication_Number" type="E_364" />
  <xsd:element name="E_Communication_Number_Qualifier_1"
    type="E_365" minOccurs="0" nillable="true" />
  <xsd:element name="E_Communication_Number_1" type="E_364"
    minOccurs="0" nillable="true" />
  <xsd:element name="E_Communication_Number_Qualifier_2"
    type="E_365" minOccurs="0" nillable="true" />
  <xsd:element name="E_Communication_Number_2" type="E_364"
    minOccurs="0" nillable="true" />
  <xsd:element name="E_Contact_Inquiry_Reference" type="E_443"
    minOccurs="0" nillable="true" />
</xsd:sequence>
  <xsd:attribute name="Type" default="Segment" type="xsd:string" />
  <xsd:attribute name="ID" default="PER" type="xsd:string" />
  <xsd:attribute name="Name" default="Administrative Communications
  Contact" type="xsd:string" />
</xsd:complexType>
- <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>
- <xsd:restriction base="EDI-Element-String-Type">
  <xsd:enumeration value="CB" />
  <xsd:enumeration value="CZ" />
  <xsd:enumeration value="PU" />
  <xsd:enumeration value="QA" />
  <xsd:enumeration value="RQ" />
  <xsd:enumeration value="SE" />
  <xsd:enumeration value="SM" />
  <xsd:attribute name="EDIDataType" fixed="ID" type="xsd:string" />
  <xsd:attribute name="ID" fixed="366" type="xsd:string" />
  <xsd:attribute name="Name" fixed="Contact Function Code"
    type="xsd:string" />

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    </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="TE" />
  <xsd:enumeration value="WF" />
  <xsd:attribute name="EDIDataType" fixed="ID" type="xsd:string" />
  <xsd:attribute name="ID" fixed="365" type="xsd:string" />
  <xsd:attribute name="Name" fixed="Communication Number Qualifier"
  type="xsd:string" />
</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="256" />
  <xsd:minLength value="1" />
  <xsd:attribute name="EDIDataType" fixed="AN" type="xsd:string" />
  <xsd:attribute name="ID" fixed="364" type="xsd:string" />
  <xsd:attribute name="Name" fixed="Communication Number"
  type="xsd:string" />
</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:simpleContent>
- <xsd:restriction base="EDI-Element-String-Type">
  <xsd:maxLength value="20" />
  <xsd:minLength value="1" />
  <xsd:attribute name="EDIDataType" fixed="AN" type="xsd:string" />
  <xsd:attribute name="ID" fixed="443" type="xsd:string" />
  <xsd:attribute name="Name" fixed="Contact Inquiry Reference"
  type="xsd:string" />
</xsd:restriction>

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    </xsd:simpleContent>
</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"
      minOccurs="1" />
    <xsd:element name="S_Industry_Code" type="S_LQ_1"
      maxOccurs="unbounded" />
  </xsd:sequence>
  <xsd:attribute name="Type" default="Loop" type="xsd:string" />
  <xsd:attribute name="ID" default="LM" type="xsd:string" />
  <xsd:attribute name="Name" default="Code Source Information"
    type="xsd:string" />
</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" />
    <xsd:element name="E_Industry_Code" type="E_1271" />
  </xsd:sequence>
  <xsd:attribute name="Type" default="Segment" type="xsd:string" />
  <xsd:attribute name="ID" default="LQ" type="xsd:string" />
  <xsd:attribute name="Name" default="Industry Code" type="xsd:string" />
</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="83" />
      <xsd:enumeration value="BG" />
      <xsd:enumeration value="HA" />
      <xsd:enumeration value="HD" />
      <xsd:attribute name="EDIDataType" fixed="ID" type="xsd:string" />
      <xsd:attribute name="ID" fixed="1270" type="xsd:string" />
      <xsd:attribute name="Name" fixed="Code List Qualifier Code"
        type="xsd:string" />
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
- <xsd:complexType name="S_SE">
  - <xsd:annotation>
    <xsd:documentation>To indicate the end of the transaction set and

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provide the count of the transmitted segments (including the beginning
(ST) and ending (SE) segments) </xsd:documentation >
</xsd:annotation >
- <xsd:sequence >
  <xsd:element name="E_Number_of_Included_Segments" type="E_96" />
  <xsd:element name="E_Transaction_Set_Control_Number"
    type="E_329" />
</xsd:sequence >
<xsd:attribute name="Type" default="Segment" type="xsd:string" />
<xsd:attribute name="ID" default="SE" type="xsd:string" />
<xsd:attribute name="Name" default="Transaction Set Trailer"
  type="xsd:string" />
</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" fixed="NO" type="xsd:string" />
      <xsd:attribute name="ID" fixed="96" type="xsd:string" />
      <xsd:attribute name="Name" fixed="Number of Included Segments"
        type="xsd:string" />
    </xsd:restriction >
  </xsd:simpleContent >
</xsd:complexType >
</xsd:schema >

```