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<?xml version="1.0" encoding="UTF-8"?>
<xsd:schema xmlns:xsd="http://www.w3.org/2000/10/XMLSchema"
elementFormDefault="qualified">
    <xsd:element name="TransportJob">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element name="BasicObject" type="BasicObjectType"/>
                <xsd:element name="Structure" type="StructureTYPE"/>
            </xsd:sequence>
            <xsd:attribute name="messageFunction" type="xsd:string" use="required"/>
            <xsd:attribute name="version" type="xsd:decimal" use="required"/>
            <xsd:attribute name="definedBy" type="xsd:string" use="required"/>
            <xsd:attribute name="profile" type="xsd:string" use="required"/>
            <xsd:attribute name="collaboration" type="xsd:string" use="required"/>
        </xsd:complexType>
    </xsd:element>

<!-- Start of the definition of Basic Objects.
-->

    <xsd:complexType name="BasicObjectType">
        <xsd:sequence>
            <xsd:element name="Party" type="PartyTYPE" minOccurs="1"
maxOccurs="unbounded"/>
            <xsd:element name="Package" type="PackageTYPE" minOccurs="0"
maxOccurs="unbounded"/>
            <xsd:element name="TransportLeg" type="TransportLegTYPE" minOccurs="0"
maxOccurs="unbounded"/>
            <xsd:element name="DateAndTimes" type="DateAndTimesTYPE" minOccurs="0"
maxOccurs="unbounded"/>
            <xsd:element name="TermsOfDelivery" type="TermsOfDeliveryTYPE"
minOccurs="0" maxOccurs="unbounded"/>
            <xsd:element name="Consignment" type="ConsignmentTYPE" minOccurs="0"
maxOccurs="unbounded"/>
            <xsd:element name="GoodsItem" type="GoodsItemTYPE" minOccurs="0"
maxOccurs="unbounded"/>
            <xsd:element name="Cod" type="CodTYPE" minOccurs="0"
maxOccurs="unbounded"/>
            <xsd:element name="Equipment" type="EquipmentTYPE" minOccurs="0"
maxOccurs="unbounded"/>
            <xsd:element name="DangerousGoods" type="DangerousGoodsTYPE" minOccurs="0"
maxOccurs="unbounded"/>
            <xsd:element name="Charges" type="ChargesTYPE" minOccurs="0"
maxOccurs="unbounded"/>
            <xsd:element name="Service" type="ServiceTYPE" minOccurs="0"
maxOccurs="unbounded"/>
            <xsd:element name="CustomsInformation" type="CustomsInformationTYPE"
minOccurs="0" maxOccurs="unbounded"/>
        </xsd:sequence>
    </xsd:complexType>

    <xsd:complexType name="PartyTYPE">
        <xsd:sequence>
            <xsd:element name="Name" minOccurs="0" type="xsd:string"/>
            <xsd:element name="VATNo" minOccurs="0" type="xsd:string"/>
            <xsd:element name="CustomsCreditNo" minOccurs="0" type="xsd:string"/>
            <xsd:element name="Address" type="AddressTYPE" minOccurs="0"
maxOccurs="unbounded"/>
            <xsd:element name="Contact" type="ContactTYPE" minOccurs="0"
maxOccurs="unbounded"/>
            <xsd:element name="Reference" type="ReferenceTYPE" minOccurs="0"
maxOccurs="unbounded"/>
            <xsd:element name="FreeText" type="FreeTextTYPE" minOccurs="0"
maxOccurs="unbounded"/>
        </xsd:sequence>
        <xsd:attribute name="partyId" type="xsd:string" use="required"/>
        <xsd:attribute name="idType" type="xsd:string" use="required"/>
        <xsd:attribute name="id" type="xsd:string" use="required"/>
    </xsd:complexType>

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<xsd:complexType name="AddressTYPE">
  <xsd:sequence>
    <xsd:element name="Street" type="xsd:string" minOccurs="0"/>
    <xsd:element name="StreetNo" type="xsd:string" minOccurs="0"/>
    <xsd:element name="AddressLine" type="xsd:string" minOccurs="0"
maxOccurs="unbounded"/>
    <xsd:element name="POBox" type="xsd:string" minOccurs="0"/>
    <xsd:element name="PostOffice" type="xsd:string" minOccurs="0" />
    <xsd:element name="PostalCode" type="xsd:int" minOccurs="0"/>
    <xsd:element name="City" type="xsd:string" minOccurs="0"/>
    <xsd:element name="ZIPCode" type="xsd:string" minOccurs="0"/>
    <xsd:element name="StateOrRegion" type="xsd:string" minOccurs="0"/>
    <xsd:element name="CountryCode" type="xsd:string" minOccurs="0"/>
  </xsd:sequence>
  <xsd:attribute name="subClass" use="required">
    <xsd:simpleType>
      <xsd:restriction base="xsd:string">
        <xsd:enumeration value="PhysicalAddress"/>
        <xsd:enumeration value="PhysicalPostalAddress"/>
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:attribute>
</xsd:complexType>

<xsd:complexType name="ContactTYPE">
  <xsd:sequence>
    <xsd:element name="PhoneNo" type="xsd:string"/>
    <xsd:element name="TelefaxNo" type="xsd:string"/>
    <xsd:element name="EMailAddress" type="xsd:string"/>
    <xsd:element name="ContactName" type="xsd:string"/>
    <xsd:element name="ContactFunction" type="xsd:string"/>
  </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="PackageTYPE">
  <xsd:sequence>
    <xsd:element name="Height" minOccurs="0">
      <xsd:complexType mixed="true">
        <xsd:attribute name="unit"/>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="Width" minOccurs="0">
      <xsd:complexType mixed="true">
        <xsd:attribute name="unit"/>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="Length" minOccurs="0">
      <xsd:complexType mixed="true">
        <xsd:attribute name="unit"/>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="PackageTypeCode" minOccurs="0" type="xsd:string"/>
    <xsd:element name="PackageTypeText" minOccurs="0" type="xsd:string"/>
    <xsd:element name="Marking" minOccurs="0" type="xsd:string"/>
    <xsd:element name="GrossWeight" minOccurs="0">
      <xsd:complexType mixed="true">
        <xsd:attribute name="unit"/>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="NetWeight" minOccurs="0">
      <xsd:complexType mixed="true">
        <xsd:attribute name="unit"/>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="Volume" minOccurs="0">
      <xsd:complexType mixed="true">
        <xsd:attribute name="unit"/>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="LoadingMetres" minOccurs="0" type="xsd:float"/>
    <xsd:element name="Reference" type="ReferencETYPE" minOccurs="0"
maxOccurs="unbounded"/>
  </xsd:sequence>
</xsd:complexType>

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        <xsd:element name="FreeText" type="FreeTextTYPE" minOccurs="0"
maxOccurs="unbounded"/>
    </xsd:sequence>
    <xsd:attribute name="packageId" type="xsd:string" use="required"/>
    <xsd:attribute name="idType" type="xsd:string" use="required"/>
    <xsd:attribute name="id" type="xsd:string" use="required"/>
</xsd:complexType>

<xsd:complexType name="TransportLegTYPE">
    <xsd:sequence>
        <xsd:element name="TransportLegType" minOccurs="0" type="xsd:string"/>
        <xsd:element name="TransportLegId" minOccurs="0" type="xsd:string"/>
        <xsd:element name="ModeOfTransport" minOccurs="0" type="xsd:string"/>
        <xsd:element name="MeansOfTransport" type="MeansOfTransportTYPE"
minOccurs="0" maxOccurs="unbounded"/>
        <xsd:element name="Location" type="LocationTYPE" minOccurs="0"
maxOccurs="unbounded"/>
    </xsd:sequence>
    <xsd:attribute name="id" type="xsd:string" use="required"/>
</xsd:complexType>

<xsd:complexType name="MeansOfTransportTYPE">
    <xsd:sequence>
        <xsd:element name="MeansOfTransportId" type="xsd:string" minOccurs="0"/>
        <xsd:element name="CountryCode" type="xsd:string" minOccurs="0"/>
        <xsd:element name="Name" type="xsd:string" minOccurs="0"/>
        <xsd:element name="MeansOfTransportType" type="xsd:string" minOccurs="0"/>
    </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="LocationTYPE">
    <xsd:sequence>
        <xsd:element name="LocationType" type="xsd:string" minOccurs="0"/>
        <xsd:element name="LocationName" type="xsd:string" minOccurs="0"/>
        <xsd:element name="CountryCode" type="xsd:string" minOccurs="0"/>
    </xsd:sequence>
    <xsd:attribute name="locationId" type="xsd:string" use="required"/>
    <xsd:attribute name="idType" type="xsd:string" use="required"/>
    <xsd:attribute name="subClass" use="required">
        <xsd:simpleType>
            <xsd:restriction base="xsd:string">
                <xsd:enumeration value="StartLocation"/>
                <xsd:enumeration value="EndLocation"/>
            </xsd:restriction>
        </xsd:simpleType>
    </xsd:attribute>
</xsd:complexType>

<xsd:complexType name="DateAndTimesTYPE">
    <xsd:sequence>
        <xsd:element name="Year" minOccurs="0" type="xsd:int"/>
        <xsd:element name="Month" minOccurs="0" type="xsd:int"/>
        <xsd:element name="Day" minOccurs="0" type="xsd:int"/>
        <xsd:element name="Hour" minOccurs="0" type="xsd:int"/>
        <xsd:element name="Minute" minOccurs="0" type="xsd:int"/>
    </xsd:sequence>
    <xsd:attribute name="id" type="xsd:string" use="required"/>
</xsd:complexType>

<xsd:complexType name="TermsOfDeliveryTYPE">
    <xsd:sequence>
        <xsd:element name="TODConditionCode" minOccurs="0" type="xsd:string"/>
        <xsd:element name="TODConditionCodeList" minOccurs="0" type="xsd:string"/>
        <xsd:element name="TODLocation" minOccurs="0" type="xsd:string"/>
    </xsd:sequence>
    <xsd:attribute name="id" type="xsd:string" use="required"/>
</xsd:complexType>

<xsd:complexType name="ConsignmentTYPE">
    <xsd:sequence>
        <xsd:element name="NoOfPalletFootPrints" minOccurs="0" type="xsd:int"/>

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<xsd:element name="GoodsValue" minOccurs="0">
    <xsd:complexType mixed="true">
        <xsd:attribute name="unit"/>
    </xsd:complexType>
</xsd:element>
<xsd:element name="InsuranceValue" minOccurs="0">
    <xsd:complexType mixed="true">
        <xsd:attribute name="unit"/>
    </xsd:complexType>
</xsd:element>
<xsd:element name="TypeOfInsurance" minOccurs="0" type="xsd:string"/>
<xsd:element name="Reference" type="ReferenceTYPE" minOccurs="0"
maxOccurs="unbounded"/>
    <xsd:element name="FreeText" type="FreeTextTYPE" minOccurs="0"
maxOccurs="unbounded"/>
</xsd:sequence>
<xsd:attribute name="consignmentId" type="xsd:string" use="required"/>
<xsd:attribute name="id" type="xsd:string" use="required"/>
</xsd:complexType>

<xsd:complexType name="ReferenceTYPE">
    <xsd:sequence>
        <xsd:element name="ReferenceNo" minOccurs="0" type="xsd:string"/>
        <xsd:element name="IdType" minOccurs="0" type="xsd:string"/>
        <xsd:element name="Text" minOccurs="0" type="xsd:string"/>
    </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="FreeTextTYPE">
    <xsd:sequence>
        <xsd:element name="Usage" type="xsd:string"/>
        <xsd:element name="Text" type="xsd:string"/>
        <xsd:element name="NoOfCharacters" type="xsd:int"/>
    </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="GoodsItemTYPE">
    <xsd:sequence>
        <xsd:element name="GoodsDescription" minOccurs="0" type="xsd:string"/>
        <xsd:element name="NumberOfPackages" minOccurs="0" type="xsd:int"/>
        <xsd:element name="PackageTypeCode" minOccurs="0" type="xsd:string"/>
        <xsd:element name="Marking" minOccurs="0" type="xsd:string"/>
        <xsd:element name="GrossWeight" minOccurs="0">
            <xsd:complexType mixed="true">
                <xsd:attribute name="unit"/>
            </xsd:complexType>
        </xsd:element>
        <xsd:element name="NetWeight " minOccurs="0">
            <xsd:complexType mixed="true">
                <xsd:attribute name="unit"/>
            </xsd:complexType>
        </xsd:element>
        <xsd:element name="Volume" minOccurs="0">
            <xsd:complexType mixed="true">
                <xsd:attribute name="unit"/>
            </xsd:complexType>
        </xsd:element>
        <xsd:element name="LoadingMetres" minOccurs="0" type="xsd:float"/>
    </xsd:sequence>
    <xsd:attribute name="id" type="xsd:string" use="required"/>
</xsd:complexType>

<xsd:complexType name="CodTYPE">
    <xsd:sequence>
        <xsd:element name="CodType" minOccurs="0" type="xsd:string"/>
        <xsd:element name="TransactionIdentifier" minOccurs="0" type="xsd:string"/>
        <xsd:element name="CodAmount" minOccurs="0">
            <xsd:complexType mixed="true">
                <xsd:attribute name="unit"/>
            </xsd:complexType>
        </xsd:element>
    </xsd:sequence>

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<xsd:element name="ControlDigit" minOccurs="0" type="xsd:int"/>
<xsd:element name="DocumentId" type="xsd:string" minOccurs="0"
maxOccurs="unbounded"/>
</xsd:sequence>
<xsd:attribute name="id" type="xsd:string" use="required"/>
</xsd:complexType>

<xsd:complexType name="EquipmentTYPE">
  <xsd:sequence>
    <xsd:element name="EquipmentType" minOccurs="0" type="xsd:string"/>
    <xsd:element name="EquipmentId" minOccurs="0" type="xsd:string"/>
    <xsd:element name="ReadingMethode" minOccurs="0" type="xsd:string"/>
    <xsd:element name="Size" minOccurs="0">
      <xsd:complexType mixed="true">
        <xsd:attribute name="unit"/>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="Weight" minOccurs="0">
      <xsd:complexType mixed="true">
        <xsd:attribute name="unit"/>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="Height" minOccurs="0">
      <xsd:complexType mixed="true">
        <xsd:attribute name="unit"/>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="Width" minOccurs="0">
      <xsd:complexType mixed="true">
        <xsd:attribute name="unit"/>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="Length" minOccurs="0">
      <xsd:complexType mixed="true">
        <xsd:attribute name="unit"/>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="Volume" minOccurs="0">
      <xsd:complexType mixed="true">
        <xsd:attribute name="unit"/>
      </xsd:complexType>
    </xsd:element>
  </xsd:sequence>
  <xsd:attribute name="id" type="xsd:string" use="required"/>
</xsd:complexType>

<xsd:complexType name="DangerousGoodsTYPE">
  <xsd:sequence>
    <xsd:element name="UNNo" minOccurs="0" type="xsd:int"/>
    <xsd:element name="Commodity" minOccurs="0" type="xsd:string"/>
    <xsd:element name="Class" minOccurs="0" type="xsd:int"/>
    <xsd:element name="Group" minOccurs="0" type="xsd:string"/>
  </xsd:sequence>
  <xsd:attribute name="id" type="xsd:string" use="required"/>
</xsd:complexType>

<xsd:complexType name="ChargesTYPE">
  <xsd:sequence>
    <xsd:element name="ChargeItem" type="ChargeItemTYPE" minOccurs="0"
maxOccurs="unbounded"/>
  </xsd:sequence>
  <xsd:attribute name="id" type="xsd:string" use="required"/>
</xsd:complexType>

<xsd:complexType name="ChargeItemTYPE">
  <xsd:sequence>
    <xsd:element name="ChargeCode" type="xsd:string" minOccurs="0"/>
    <xsd:element name="ChargeText" type="xsd:string" minOccurs="0"/>
    <xsd:element name="VATCode" type="xsd:string" minOccurs="0"/>
    <xsd:element name="GrossAmount" minOccurs="0">
      <xsd:complexType mixed="true">

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        <xsd:attribute name="unit"/>
    </xsd:complexType>
</xsd:element>
<xsd:element name="NetAmount" minOccurs="0">
    <xsd:complexType mixed="true">
        <xsd:attribute name="unit"/>
    </xsd:complexType>
</xsd:element>
<xsd:element name="TariffAmount" minOccurs="0">
    <xsd:complexType mixed="true">
        <xsd:attribute name="unit"/>
    </xsd:complexType>
</xsd:element>
<xsd:element name="Discount" minOccurs="0">
    <xsd:complexType mixed="true">
        <xsd:attribute name="unit"/>
    </xsd:complexType>
</xsd:element>
<xsd:element name="Comment" type="xsd:string" minOccurs="0"/>
</xsd:sequence>
</xsd:complexType>

<xsd:complexType name="ServiceTYPE">
    <xsd:sequence>
        <xsd:element name="BasicServiceCode" minOccurs="0" type="xsd:string"/>
        <xsd:element name="AdditionalServiceCode" minOccurs="0" type="xsd:string"/>
        <xsd:element name="Priority" minOccurs="0" type="xsd:string"/>
        <xsd:element name="TemperatureControlledGoodsInd" minOccurs="0"
type="xsd:string"/>
        <xsd:element name="MaxTemperature" type="xsd:float" minOccurs="0"/>
        <xsd:element name="MinTemperature" type="xsd:float" minOccurs="0"/>
        <xsd:element name="IdealTemperature" type="xsd:float" minOccurs="0"/>
    </xsd:sequence>
    <xsd:attribute name="id" type="xsd:string" use="required"/>
</xsd:complexType>

<xsd:complexType name="CustomsInformationTYPE">
    <xsd:sequence>
        <xsd:element name="CustomsClearanceNo" minOccurs="0" type="xsd:int"/>
        <xsd:element name="BondedWarehouseNo" minOccurs="0" type="xsd:string"/>
        <xsd:element name="SequenceNo" minOccurs="0" type="xsd:int"/>
        <xsd:element name="SubLevelSequenceNo" minOccurs="0" type="xsd:int"/>
        <xsd:element name="CustomsValue" minOccurs="0">
            <xsd:complexType mixed="true">
                <xsd:attribute name="unit"/>
            </xsd:complexType>
        </xsd:element>
        <xsd:element name="CustomsLine" type="CustomsLineTYPE" minOccurs="0"
maxOccurs="unbounded"/>
        <xsd:element name="CommercialInvoice" type="CommercialInvoiceTYPE"
minOccurs="0" maxOccurs="unbounded"/>
    </xsd:sequence>
    <xsd:attribute name="id" type="xsd:string" use="required"/>
</xsd:complexType>

<xsd:complexType name="CustomsLineTYPE">
    <xsd:sequence>
        <xsd:element name="CountryOfOrigin" type="xsd:string" minOccurs="0"/>
        <xsd:element name="StatisticalNo" type="xsd:string" minOccurs="0"/>
        <xsd:element name="NumberOfPackages" type="xsd:int" minOccurs="0"/>
        <xsd:element name="NetWeight" type="xsd:int" minOccurs="0"/>
        <xsd:element name="GrossWeight" type="xsd:int" minOccurs="0"/>
        <xsd:element name="QuantityOtherUnit" type="xsd:int" minOccurs="0"/>
        <xsd:element name="StatisticalValue" type="xsd:int" minOccurs="0"/>
    </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="CommercialInvoiceTYPE">
    <xsd:sequence>
        <xsd:element name="InvoiceNo" type="xsd:string" minOccurs="0"/>
        <xsd:element name="InvoiceDate" type="xsd:string" minOccurs="0"/>

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<xsd:element name="InvoiceAmount" minOccurs="0">
    <xsd:complexType mixed="true">
        <xsd:attribute name="unit"/>
    </xsd:complexType>
</xsd:element>
</xsd:sequence>
</xsd:complexType>

<!-- **** Start of the definitions of Structure objects. ****
*** -->

<xsd:complexType name="StructureTYPE">
    <xsd:sequence>
        <xsd:element name="ConsignmentStructure" type="ConsignmentStructureTYPE"/>
        <xsd:element name="TransportStructure" type="TransportStructureTYPE"/>
        <xsd:element name="EquipmentStructure" type="EquipmentStructureTYPE"/>
        <xsd:element name="DangerousGoodsStructure"
type="DangerousGoodsStructureTYPE"/>
        <xsd:element name="TermsOfDeliveryStructure"
type="TermsOfDeliveryStructureTYPE"/>
        <xsd:element name="PartyStructure" type="PartyStructureTYPE"/>
        <xsd:element name="ServiceStructure" type="ServiceStructureTYPE"/>
        <xsd:element name="CustomsInformationStructure"
type="CustomsInformationStructureTYPE"/>
        <xsd:element name="DateAndTimesStructure"
type="DateAndTimesStructureTYPE"/>
    </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="ConsignmentStructureTYPE">
    <xsd:sequence>
        <xsd:element name="Consignment" type="Consignment_sTYPE"
maxOccurs="unbounded"/>
        <xsd:element name="Package" type="Package_sTYPE" maxOccurs="unbounded"/>
    </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="TransportStructureTYPE">
    <xsd:sequence>
        <xsd:element name="TransportLeg" type="TransportLeg_sTYPE"
maxOccurs="unbounded"/>
    </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="EquipmentStructureTYPE">
    <xsd:sequence>
        <xsd:element name="Equipment" type="Equipment_sTYPE"
maxOccurs="unbounded"/>
    </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="DangerousGoodsStructureTYPE">
    <xsd:sequence>
        <xsd:element name="DangerousGoods" type="DangerousGoods_sTYPE"
maxOccurs="unbounded"/>
    </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="TermsOfDeliveryStructureTYPE">
    <xsd:sequence>
        <xsd:element name="TermsOfDelivery" type="TermsOfDelivery_sTYPE"
maxOccurs="unbounded"/>
    </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="PartyStructureTYPE">

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<xsd:sequence>
    <xsd:element name="Party" type="Party_sTYPE" maxOccurs="unbounded"/>
</xsd:sequence>
</xsd:complexType>

<xsd:complexType name="ServiceStructureTYPE">
    <xsd:sequence>
        <xsd:element name="Service" type="Service_sTYPE" maxOccurs="unbounded"/>
    </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="CustomsInformationStructureTYPE">
    <xsd:sequence>
        <xsd:element name="CustomsInformation" type="CustomsInformation_sTYPE"
maxOccurs="unbounded"/>
    </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="DateAndTimesStructureTYPE">
    <xsd:sequence>
        <xsd:element name="DateAndTimes" type="DateAndTimes_sTYPE"
maxOccurs="unbounded"/>
    </xsd:sequence>
</xsd:complexType>

<!-- Start of definition of sub-structure objects:
-->
<!-- Consignment structure:
-->
<xsd:complexType name="Consignment_sTYPE">
    <xsd:sequence>
        <xsd:element name="Package" minOccurs="0" maxOccurs="unbounded">
            <xsd:complexType>
                <xsd:attribute name="href" type="hrefTYPE" use="required"/>
            </xsd:complexType>
        </xsd:element>
        <xsd:element name="GoodsItem" minOccurs="0" maxOccurs="unbounded">
            <xsd:complexType>
                <xsd:sequence>
                    <xsd:element name="Package" minOccurs="0" maxOccurs="unbounded">
                        <xsd:complexType>
                            <xsd:attribute name="href" type="hrefTYPE" use="required"/>
                        </xsd:complexType>
                    </xsd:element>
                </xsd:sequence>
                <xsd:attribute name="href" type="hrefTYPE" use="required"/>
            </xsd:complexType>
        </xsd:element>
        <xsd:element name="GoodsItem" minOccurs="0" maxOccurs="unbounded">
            <xsd:complexType>
                <xsd:attribute name="href" type="hrefTYPE" use="required"/>
            </xsd:complexType>
        </xsd:element>
    </xsd:sequence>
    <xsd:element name="Consignment" type="Consignment_sTYPE"
maxOccurs="unbounded"/>

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</xsd:sequence>

<xsd:attribute name="href" type="hrefTYPE" use="required"/>

</xsd:complexType>

<!-- Package structure:
-->

<xsd:complexType name="Package_sTYPE">

<xsd:sequence/>

<xsd:attribute name="href" type="hrefTYPE" use="required"/>

</xsd:complexType>

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<!-- TransportLeg structure:
-->
<xsd:complexType name="TransportLeg_sTYPE">
  <xsd:sequence>
    <xsd:element name="Consignment" minOccurs="0" maxOccurs="unbounded">
      <xsd:complexType>
        <xsd:attribute name="href" type="hrefTYPE" use="required"/>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="Package" minOccurs="0" maxOccurs="unbounded">
      <xsd:complexType>
        <xsd:attribute name="href" type="hrefTYPE" use="required"/>
      </xsd:complexType>
    </xsd:element>
  </xsd:sequence>
  <xsd:attribute name="href" type="hrefTYPE" use="required"/>
</xsd:complexType>

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<!-- Equipment structure:
-->
<xsd:complexType name="Equipment_sTYPE">
  <xsd:sequence>
    <xsd:element name="TransportLeg" minOccurs="0" maxOccurs="unbounded">
      <xsd:complexType>
        <xsd:attribute name="href" type="hrefTYPE" use="required"/>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="Consignment" minOccurs="0" maxOccurs="unbounded">
      <xsd:complexType>
        <xsd:attribute name="href" type="hrefTYPE" use="required"/>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="GoodsItem" minOccurs="0" maxOccurs="unbounded">
      <xsd:complexType>
        <xsd:attribute name="href" type="hrefTYPE" use="required"/>
      </xsd:complexType>
    </xsd:element>
  </xsd:sequence>
  <xsd:attribute name="href" type="hrefTYPE" use="required"/>
</xsd:complexType>

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<!-- DangerousGoods structure:
-->
<xsd:complexType name="DangerousGoods_sTYPE">
  <xsd:sequence>
    <xsd:element name="GoodsItem" minOccurs="0" maxOccurs="unbounded">
      <xsd:complexType>
        <xsd:attribute name="href" type="hrefTYPE" use="required"/>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="Package" minOccurs="0" maxOccurs="unbounded">
      <xsd:complexType>
        <xsd:attribute name="href" type="hrefTYPE" use="required"/>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="Consignment" minOccurs="0" maxOccurs="unbounded">
      <xsd:complexType>
        <xsd:attribute name="href" type="hrefTYPE" use="required"/>
      </xsd:complexType>
    </xsd:element>
  </xsd:sequence>
  <xsd:attribute name="href" type="hrefTYPE" use="required"/>
</xsd:complexType>

```

```

<!-- TermsOfDelivery structure:
-->
<xsd:complexType name="TermsOfDelivery_sTYPE">
  <xsd:sequence>

```

```

<xsd:element name="Package" minOccurs="0" maxOccurs="unbounded">
    <xsd:complexType>
        <xsd:attribute name="href" type="hrefTYPE" use="required"/>
    </xsd:complexType>
</xsd:element>
<xsd:element name="Consignment" minOccurs="0" maxOccurs="unbounded">
    <xsd:complexType>
        <xsd:attribute name="href" type="hrefTYPE" use="required"/>
    </xsd:complexType>
</xsd:element>
</xsd:sequence>
<xsd:attribute name="href" type="hrefTYPE" use="required"/>
</xsd:complexType>

<!-- Party structure:>
-->
<xsd:complexType name="Party_sTYPE">
    <xsd:sequence>
        <xsd:element name="Consignment" minOccurs="0" maxOccurs="unbounded">
            <xsd:complexType>
                <xsd:attribute name="href" type="hrefTYPE" use="required"/>
            </xsd:complexType>
        </xsd:element>
        <xsd:element name="GoodsItem" minOccurs="0" maxOccurs="unbounded">
            <xsd:complexType>
                <xsd:attribute name="href" type="hrefTYPE" use="required"/>
            </xsd:complexType>
        </xsd:element>
        <xsd:element name="Package" minOccurs="0" maxOccurs="unbounded">
            <xsd:complexType>
                <xsd:attribute name="href" type="hrefTYPE" use="required"/>
            </xsd:complexType>
        </xsd:element>
        <xsd:element name="TransportLeg" minOccurs="0" maxOccurs="unbounded">
            <xsd:complexType>
                <xsd:attribute name="href" type="hrefTYPE" use="required"/>
            </xsd:complexType>
        </xsd:element>
    </xsd:sequence>
</xsd:complexType>

<!-- If subclass="Exporter", "Importer" or "Forwarder":>
-->
<xsd:element name="CustomsInformation" minOccurs="0" maxOccurs="unbounded">
    <xsd:complexType>
        <xsd:attribute name="href" type="hrefTYPE" use="required"/>
    </xsd:complexType>
</xsd:element>

<!-- If subClass="CashOnDeliveryPayee":>
-->
<xsd:element name="Cod" minOccurs="0" maxOccurs="unbounded">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element name="Consignment" minOccurs="0"
maxOccurs="unbounded">
                <xsd:complexType>
                    <xsd:attribute name="href" type="hrefTYPE" use="required"/>
                </xsd:complexType>
            </xsd:element>
            <xsd:element name="GoodsItem" minOccurs="0" maxOccurs="unbounded">
                <xsd:complexType>
                    <xsd:attribute name="href" type="hrefTYPE" use="required"/>
                </xsd:complexType>
            </xsd:element>
        </xsd:sequence>
        <xsd:attribute name="href" type="hrefTYPE" use="required"/>
    </xsd:complexType>
</xsd:element>

<!-- If subClass="FreightPayer":>
-->

```

```

<xsd:element name="Consignment" minOccurs="0" maxOccurs="unbounded">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="Charges" minOccurs="0" maxOccurs="unbounded">
        <xsd:complexType>
          <xsd:attribute name="href" type="hrefTYPE" use="required"/>
        </xsd:complexType>
      </xsd:element>
    </xsd:sequence>
    <xsd:attribute name="href" type="hrefTYPE" use="required"/>
  </xsd:complexType>
</xsd:element>
<xsd:element name="Package" minOccurs="0" maxOccurs="unbounded">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="Charges" minOccurs="0" maxOccurs="unbounded">
        <xsd:complexType>
          <xsd:attribute name="href" type="hrefTYPE" use="required"/>
        </xsd:complexType>
      </xsd:element>
    </xsd:sequence>
    <xsd:attribute name="href" type="hrefTYPE" use="required"/>
  </xsd:complexType>
</xsd:element>
</xsd:sequence>
<xsd:attribute name="subClass" use="required">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:enumeration value="Consignor"/>
      <xsd:enumeration value="Consignee"/>
      <xsd:enumeration value="DespatchParty"/>
      <xsd:enumeration value="DeliveryParty"/>
      <xsd:enumeration value="OrderingParty"/>
      <xsd:enumeration value="FreightPayer"/>
      <xsd:enumeration value="CashOnDeliveryPayee"/>
      <xsd:enumeration value="BondedWarehouseParty"/>
      <xsd:enumeration value="Forwarder"/>
      <xsd:enumeration value="TransportCompany"/>
      <xsd:enumeration value="Exporter"/>
      <xsd:enumeration value="Importer"/>
      <xsd:enumeration value="MessageRecipient"/>
      <xsd:enumeration value="MessageSender"/>
      <xsd:enumeration value="DespatchingAgent"/>
      <xsd:enumeration value="ReceivingAgent"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:attribute>
<xsd:attribute name="href" type="hrefTYPE" use="required"/>
</xsd:complexType>

```

<!-- Service structure:

-->

```

<xsd:complexType name="Service_sTYPE">
  <xsd:sequence>
    <xsd:element name="Consignment" minOccurs="0" maxOccurs="unbounded">
      <xsd:complexType>
        <xsd:attribute name="href" type="hrefTYPE" use="required"/>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="Package" minOccurs="0" maxOccurs="unbounded">
      <xsd:complexType>
        <xsd:attribute name="href" type="hrefTYPE" use="required"/>
      </xsd:complexType>
    </xsd:element>
  </xsd:sequence>
  <xsd:attribute name="href" type="hrefTYPE" use="required"/>
</xsd:complexType>

```

<!-- CustomsInformation structure:

```

-->
<xsd:complexType name="CustomsInformation_sTYPE">
  <xsd:sequence>
    <xsd:element name="Consignment" minOccurs="0" maxOccurs="unbounded">
      <xsd:complexType>
        <xsd:attribute name="href" type="hrefTYPE" use="required"/>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="Package" minOccurs="0" maxOccurs="unbounded">
      <xsd:complexType>
        <xsd:attribute name="href" type="hrefTYPE" use="required"/>
      </xsd:complexType>
    </xsd:element>
  </xsd:sequence>
  <xsd:attribute name="href" type="hrefTYPE" use="required"/>
</xsd:complexType>

<!-- DateAndTimes structure:
-->
<xsd:complexType name="DateAndTimes_sTYPE">
  <xsd:sequence>
    <xsd:element name="Consignment" minOccurs="0" maxOccurs="unbounded">
      <xsd:complexType>
        <xsd:attribute name="href" type="hrefTYPE" use="required"/>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="Package" minOccurs="0" maxOccurs="unbounded">
      <xsd:complexType>
        <xsd:attribute name="href" type="hrefTYPE" use="required"/>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="TransportLeg" minOccurs="0" maxOccurs="unbounded">
      <xsd:complexType>
        <xsd:attribute name="href" type="hrefTYPE" use="required"/>
      </xsd:complexType>
    </xsd:element>
  </xsd:sequence>
  <xsd:attribute name="subClass" use="required">
    <xsd:simpleType>
      <xsd:restriction base="xsd:string">
        <xsd:enumeration value="MessageDate"/>
        <xsd:enumeration value="DeliveryDate"/>
        <xsd:enumeration value="ArrivalDate"/>
        <xsd:enumeration value="LoadingDate"/>
        <xsd:enumeration value="PickupDate"/>
        <xsd:enumeration value="EarliestPickupDate"/>
        <xsd:enumeration value="LatestPickupDate"/>
        <xsd:enumeration value="EarliestDeliveryDate"/>
        <xsd:enumeration value="LatestDeliveryDate"/>
      </xsd:restriction>
    </xsd:simpleType>
  </xsd:attribute>
  <xsd:attribute name="href" type="hrefTYPE" use="required"/>
</xsd:complexType>

<xsd:simpleType name="hrefTYPE">
  <xsd:restriction base="xsd:string">
    <xsd:pattern value="#\d*/>
  </xsd:restriction>
</xsd:simpleType>

</xsd:schema>

```