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```
<xs:schema targetNamespace="http://www.taxservice.am/tp3/invoice/definitions"
```

```
  xmlns="http://www.w3.org/2001/XMLSchema"
```

```
  xmlns:xs="http://www.w3.org/2001/XMLSchema"
```

```
  xmlns:tax="http://www.taxservice.am/tp3/invoice/definitions"
```

```
  elementFormDefault="qualified">
```

```
    <xs:simpleType name="VATNumberType">
```

```
      <xs:restriction base="xs:string">
```

```
        <xs:minLength value="0" />
```

```
        <xs:maxLength value="10" />
```

```
      </xs:restriction>
```

```
    </xs:simpleType>
```

```
    <xs:simpleType name="InvoiceProcedureType">
```

```
      <xs:restriction base="xs:int">
```

```
        <xs:enumeration value="1" /> <!-- Hatuk -->
```

```
        <xs:enumeration value="2" /> <!-- Hark vcharoxi anunic -->
```

```
        <xs:enumeration value="3" /> <!-- Matararari anunic -->
```

```
        <xs:enumeration value="4" /> <!-- Principali anunic -->
```

```
        <xs:enumeration value="5" /> <!-- Principali hatuk anunic -->
```

```
        <xs:enumeration value="6" /> <!-- Hamategh gorc varoghi
```

```
anunic -->
```

```
        <xs:enumeration value="7" /> <!-- Hamategh gorc varoghi hatuk
```

```
anunic -->
```

```
        <xs:enumeration value="8" /> <!-- AHH veradarc -->
```

```
      </xs:restriction>
```

```
    </xs:simpleType>
```

```
    <xs:simpleType name="InvoiceTypeType">
```

```
    <xs:restriction base="xs:int">
      <xs:enumeration value="1" /> <!-- Apranqner -->
      <xs:enumeration value="2" /> <!-- Akcizayin harkvox apranqner
-->

      <xs:enumeration value="3" /> <!-- Tsarayutyunner -->
    </xs:restriction>
  </xs:simpleType>
```

```
<xs:simpleType name="InvalidationTypeType">
  <xs:restriction base="xs:int">
    <xs:enumeration value="1" /> <!-- INVALID -->
    <xs:enumeration value="3" /> <!-- CONFIRMED -->
    <xs:enumeration value="15" /> <!--
WAITING_INVALIDATION_ACCEPTANCE -->
  </xs:restriction>
</xs:simpleType>
```

```
<xs:simpleType name="InvNumberType">
  <xs:restriction base="xs:string">
    <xs:maxLength value="10" />
    <xs:minLength value="0" />
  </xs:restriction>
</xs:simpleType>
```

```
<xs:simpleType name="InvSeriesType">
  <xs:restriction base="xs:string">
    <xs:maxLength value="1" />
    <xs:minLength value="0" />
  </xs:restriction>
</xs:simpleType>
```

```
    </xs:restriction>
</xs:simpleType>
```

```
<xs:simpleType name="TinType">
  <xs:restriction base="xs:string">
    <xs:minLength value="0" />
    <xs:maxLength value="8" />
  </xs:restriction>
</xs:simpleType>
```

```
<xs:simpleType name="CompanyNameType">
  <xs:restriction base="xs:string">
    <xs:minLength value="0" />
    <xs:maxLength value="256" />
  </xs:restriction>
</xs:simpleType>
```

```
<xs:simpleType name="SupplierNameSurnameType">
  <xs:restriction base="xs:string">
    <xs:minLength value="0"/>
    <xs:maxLength value="255"/>
  </xs:restriction>
</xs:simpleType>
```

```
<xs:simpleType name="StringInputType">
  <xs:restriction base="xs:string">
    <xs:minLength value="0" />
    <xs:maxLength value="256" />
  </xs:restriction>
```

```
</xs:simpleType>
```

```
<xs:simpleType name="BookNumberType">
```

```
  <xs:restriction base="xs:int">
```

```
    <xs:minInclusive value="1" />
```

```
    <xs:maxExclusive value="100000" />
```

```
  </xs:restriction>
```

```
</xs:simpleType>
```

```
<xs:simpleType name="Unit">
```

```
  <xs:restriction base="xs:string">
```

```
    <xs:minLength value="0" />
```

```
    <xs:maxLength value="50" />
```

```
  </xs:restriction>
```

```
</xs:simpleType>
```

```
<xs:simpleType name="Classification">
```

```
  <xs:restriction base="xs:string">
```

```
    <xs:minLength value="0"/>
```

```
    <xs:maxLength value="550"/>
```

```
  </xs:restriction>
```

```
</xs:simpleType>
```

```
<xs:simpleType name="GoodName">
```

```
  <xs:restriction base="xs:string">
```

```
    <xs:minLength value="1" />
```

```
    <xs:maxLength value="256" />
```

```
  </xs:restriction>
```

```
</xs:simpleType>
```

```
<xs:simpleType name="Double">
  <xs:restriction base="xs:decimal">
    <xs:fractionDigits value="2" />
    <xs:maxInclusive value="999999999999.99" />
  </xs:restriction>
</xs:simpleType>
```

```
<xs:simpleType name="Double3">
  <xs:restriction base="xs:decimal">
    <xs:fractionDigits value="3" />
    <xs:maxInclusive value="999999999999.999" />
  </xs:restriction>
</xs:simpleType>
```

```
<xs:simpleType name="Double4">
  <xs:restriction base="xs:decimal">
    <xs:fractionDigits value="4" />
    <xs:maxInclusive value="999999999999.9999" />
  </xs:restriction>
</xs:simpleType>
```

```
<xs:simpleType name="PassportType">
  <xs:restriction base="xs:string">
    <xs:maxLength value="20" />
  </xs:restriction>
</xs:simpleType>
```

```
<xs:complexType name="InvoiceNumber">
```

```

        <xs:sequence>
            <xs:element name="Number" type="tax:InvNumberType"
minOccurs="0" />
            <xs:element name="Series" type="tax:InvSeriesType"
minOccurs="0" />
        </xs:sequence>
    </xs:complexType>

    <xs:complexType name="InvalidationBatchEntry">
        <xs:sequence>
            <xs:element name="InvoiceNumber" type="tax:InvoiceNumber"
/>
            <xs:element name="Reason" type="tax:StringInputType" />
        </xs:sequence>
    </xs:complexType>

    <!-- End of basic types -->

    <!-- Invoice elements -->

    <!--
        Describes the information on deal and delivery book for the invoice
        (fields 5-9)
    -->
    <xs:complexType name="DealInfo">
        <xs:sequence>
            <!-- The deal date (field 5) -->
            <xs:element name="DealDate" type="xs:date" minOccurs="0"
/>
            <!-- The deal number (field 6) -->

```

```

        <xs:element name="DealNumber" type="tax:StringInputType"
            minOccurs="0" />
        <!-- Delivery book page (field 7) -->
        <xs:element name="DeliveryBookPage"
type="tax:BookNumberType"
            minOccurs="0" />
        <!-- Delivery book line (field 8) -->
        <xs:element name="DeliveryBookLine"
type="tax:BookNumberType"
            minOccurs="0" />
        <!-- Delivery book number (field 9) -->
        <xs:element name="DeliveryBookNumber"
type="tax:BookNumberType"
            minOccurs="0" />
    </xs:sequence>
</xs:complexType>

```

```

<xs:complexType name="ContractInfo">
    <xs:sequence>
        <xs:element name="ContractDate" type="xs:date" minOccurs="0"/>
        <xs:element name="ContractNumber" type="tax:StringInputType"
            minOccurs="0"/>
    </xs:sequence>
</xs:complexType>

```

```

        <!-- Describes the top section of the invoice (fields 1-10) -->
        <xs:complexType name="GeneralInfo">
            <xs:sequence>
                <!-- The parent invoice -->

```

```

        <xs:element name="ParentInvoiceNumber"
type="tax:StringInputType" minOccurs="0"/>
        <!-- Ecr Receipt -->
        <xs:element name="EcrReceipt" type="tax:StringInputType"
minOccurs="0"/>
        <!-- Adjustment diff flag ( -1 or 1 ) -->
        <xs:element name="AdjustmentDiffFlag" type="xs:int"
minOccurs="0"/>
        <!-- The ParentInvoiceSubmitDate -->
        <xs:element name="ParentInvoiceSubmitDate" type="xs:date"
minOccurs="0" />
        <!-- The invoice number with series (fields 2 and 3) -->
        <xs:element name="InvoiceNumber" type="tax:InvoiceNumber"
minOccurs="0"/>
        <!-- The supply date (field 4) -->
        <xs:element name="SupplyDate" type="xs:date" minOccurs="0"
/>
        <!-- The 'special' flag -->
        <xs:element name="Procedure"
type="tax:InvoiceProcedureType"
minOccurs="0" />
        <!--
        Describes the information on deal and delivery book for
the
        invoice (fields 5-9)
-->
        <xs:element name="DealInfo" type="tax:DealInfo"
minOccurs="0" />
        <xs:element name="AdditionalData"
type="tax:StringInputType"
minOccurs="0" />
</xs:sequence>

```



```

</xs:complexType>

<!-- Describes the bank account -->
<xs:complexType name="BankAccount">
  <xs:sequence>
    <!-- The name of the bank -->
    <xs:element name="BankName" type="tax:StringInputType"
      minOccurs="0" />
    <!-- The account number -->
    <xs:element name="BankAccountNumber"
type="tax:StringInputType"
      minOccurs="0" />
  </xs:sequence>
</xs:complexType>

<!-- Describes the taxpayer -->
<xs:complexType name="TaxpayerInfo">
  <xs:sequence>
    <xs:choice minOccurs="0">
      <!-- Represents the TIN -->
      <xs:element name="TIN" type="tax:TinType" />
      <!-- Represents the passport information -->
      <xs:element name="Passport" type="tax:PassportType"
/>
    </xs:choice>
    <!-- Represents the name of the company or person -->
    <xs:element name="Name" type="tax:CompanyNameType"
minOccurs="0"/>
    <!-- Represents the Suppayer name and surname -->

```

```

        <xs:element name="SupplierNameSurname" type="tax:SupplierNameSurnameType"
minOccurs="0"/>
        <!-- Represents country -->
        <xs:element name="Country" type="tax:StringInputType" minOccurs="0"/>

                <!-- Represents the address -->
                <xs:element name="Address" type="tax:StringInputType"
minOccurs="0"/>

                <!-- Represents the bank account information -->
                <xs:element name="BankAccount" type="tax:BankAccount"
minOccurs="0" />

                <!-- Additional data on taxpayer -->
                <xs:element name="AdditionalData"
type="tax:StringInputType" minOccurs="0" />

                <xs:element name="OrganizationalType"
type="tax:StringInputType" minOccurs="0" />

                <xs:element name="CredentialsNumber" type="tax:StringInputType" minOccurs="0" />
                <xs:element name="ContractInfo" type="tax:ContractInfo" minOccurs="0" />
                <xs:element name="TinNotRequired" type="xs:boolean" minOccurs="0" />
        </xs:sequence>
</xs:complexType>

<xs:complexType name="Mediator">
    <xs:sequence>
        <xs:element name="Name" type="tax:StringInputType"
minOccurs="0" />
        <xs:element name="LicenseNumber"
type="tax:StringInputType"
minOccurs="0" />
        <xs:element name="LicenseDate" type="xs:date"
minOccurs="0" />
    </xs:sequence>

```

```
</xs:complexType>
```

```
<xs:complexType name="SupplierInfo">
```

```
  <xs:sequence>
```

```
    <xs:element name="VATNumber" type="tax:VATNumberType"
```

```
      minOccurs="0" />
```

```
    <xs:element name="Taxpayer" type="tax:TaxpayerInfo" />
```

```
    <xs:element name="SupplyLocation"
```

```
      type="tax:StringInputType"
```

```
      minOccurs="0" />
```

```
  </xs:sequence>
```

```
</xs:complexType>
```

```
<xs:complexType name="OnBehalfOfSupplierInfo">
```

```
  <xs:sequence>
```

```
    <xs:element name="VATNumber" type="tax:VATNumberType"
```

```
      minOccurs="0" />
```

```
    <xs:element name="Taxpayer" type="tax:TaxpayerInfo" />
```

```
  </xs:sequence>
```

```
</xs:complexType>
```

```
<xs:complexType name="BuyerInfo">
```

```
  <xs:sequence>
```

```
    <xs:element name="VATNumber" type="tax:VATNumberType"
```

```
      minOccurs="0" />
```

```
    <xs:element name="Taxpayer" type="tax:TaxpayerInfo" />
```

```
    <xs:element name="BuyerEmail" type="tax:StringInputType"
```

```
      minOccurs="0" />
```

```

        <xs:element name="Mediator" type="tax:Mediator"
            minOccurs="0" />
        <xs:element name="DeliveryMethod"
type="tax:StringInputType"
            minOccurs="0" />
        <xs:element name="DeliveryLocation"
type="tax:StringInputType"
            minOccurs="0" />
    </xs:sequence>
</xs:complexType>

<!-- Nkaragrūm e vacharvats apranq@ ir harkerov -->
<xs:complexType name="Good">
    <xs:sequence>
        <xs:element name="Description" type="tax:GoodName"
minOccurs="0"/>
        <xs:element name="Classification" type="tax:Classification" minOccurs="0"/>
        <xs:element name="Unit" type="tax:Unit" minOccurs="0" />
        <xs:element name="Volume" type="tax:Double" minOccurs="0"
/>
        <xs:element name="Amount" type="tax:Double3"
minOccurs="0" />
        <xs:element name="PricePerUnit" type="tax:Double4"
minOccurs="0" />
        <xs:element name="Price" type="tax:Double" />
        <xs:element name="Discount" type="tax:Double"
minOccurs="0"/>
        <xs:element name="ExciseTax" type="tax:Double"
minOccurs="0"/>
        <xs:element name="TarePrice" type="tax:Double"
minOccurs="0"/>

```

```

minOccurs="0" />
<xs:element name="ExciseRate" type="tax:Double"
/>
<xs:element name="Excise" type="tax:Double" minOccurs="0"
/>
<xs:element name="VATRate" type="tax:Double"
minOccurs="0" />
<xs:element name="VAT" type="tax:Double" minOccurs="0" />
<xs:element name="EnvironmentalFee" type="tax:Double"
minOccurs="0"/>
<xs:element name="IsVatEditableInAdjustingAccount"
type="xs:boolean" minOccurs="0"/>
<xs:element name="TotalPrice" type="tax:Double"
minOccurs="0" />
</xs:sequence>
</xs:complexType>
<xs:complexType name="Total">
<xs:sequence>
<xs:element name="Price" type="tax:Double" minOccurs="0" />
<xs:element name="Excise" type="tax:Double" minOccurs="0"
/>
<xs:element name="VAT" type="tax:Double" minOccurs="0" />
<xs:element name="TotalPrice" type="tax:Double"
minOccurs="0" />
<xs:element name="TotalEnvironmentalFee" type="tax:Double"
minOccurs="0" />
</xs:sequence>
</xs:complexType>
<!--
Parunakum e harkayin hashvov vacharvats bolor apranqner@, dranc
@ndhanur arzheq@ harkerov

```

-->

```
<xs:complexType name="GoodsInfo">
```

```
  <xs:sequence>
```

```
    <xs:element name="Good" type="tax:Good" minOccurs="0"
      maxOccurs="unbounded" />
```

```
    <xs:element name="Total" type="tax:Total" minOccurs="0"/>
```

```
  </xs:sequence>
```

```
</xs:complexType>
```

```
<xs:complexType name="Invoice">
```

```
  <xs:complexContent>
```

```
    <xs:extension base="tax:SignableData">
```

```
      <xs:sequence>
```

```
        <xs:element name="User" type="xs:string"
minOccurs="0"/>
```

```
        <xs:element name="Type"
type="tax:InvoiceTypeType" />
```

```
        <xs:element name="GeneralInfo"
type="tax:GeneralInfo" />
```

```
        <xs:element name="SupplierInfo"
type="tax:SupplierInfo" />
```

```
        <xs:element name="OnBehalfOfSupplierInfo" type="tax:OnBehalfOfSupplierInfo"
minOccurs="0"/>
```

```
        <xs:element name="BuyerInfo"
type="tax:BuyerInfo" />
```

```
        <xs:element name="GoodsInfo"
type="tax:GoodsInfo"
```

```
          minOccurs="0" />
```

```
      </xs:sequence>
```

```
      <xs:attribute name="Version" type="xs:string"
use="required" />
```

```
    </xs:extension>
```

```
        </xs:complexContent>
    </xs:complexType>

    <xs:complexType name="InvoiceBatch">
        <xs:complexContent>
            <xs:extension base="tax:SignableData">
                <xs:sequence>
                    <xs:element name="Invoice" type="tax:Invoice"
                        minOccurs="1" maxOccurs="1000" />
                </xs:sequence>
            </xs:extension>
        </xs:complexContent>
    </xs:complexType>
```

```
    <xs:complexType name="InvalidationBatch">
        <xs:complexContent>
            <xs:extension base="tax:SignableData">
                <xs:sequence>
                    <xs:element name="Entry"
type="tax:InvalidationBatchEntry"
                        minOccurs="1" maxOccurs="1000" />
                </xs:sequence>
            </xs:extension>
        </xs:complexContent>
    </xs:complexType>
```

```
    <xs:complexType name="InvalidationRequest">
        <xs:complexContent>
            <xs:extension base="tax:SignableData">
```

```

        <xs:sequence>
            <xs:element name="InvoiceNumber"
type="tax:InvoiceNumber" />
            <xs:element name="TIN" type="tax:TinType" />
            <xs:element name="Name"
type="tax:CompanyNameType" />
            <xs:element name="Reason"
type="tax:StringInputType" minOccurs="0"/>
        </xs:sequence>
    </xs:extension>
</xs:complexContent>
</xs:complexType>

<xs:complexType name="Signature">
    <xs:sequence>
        <xs:element name="SignatureType" type="xs:string" />
        <xs:element name="SignatureValue" type="xs:base64Binary" />
    </xs:sequence>
</xs:complexType>

<xs:complexType name="InvoiceMetadata">
    <xs:sequence>
        <xs:element name="SubmissionDate" type="xs:dateTime"
            minOccurs="0" />
        <xs:element name="CoSignDate" type="xs:dateTime"
            minOccurs="0" />
        <xs:element name="BatchInfo" type="tax:BatchInfo"
            minOccurs="0" />
        <xs:element name="InvoiceDocStatus" type="xs:int"
minOccurs="0"/>
    </xs:sequence>
</xs:complexType>

```



```

        </xs:sequence>
    </xs:complexType>

    <xs:complexType name="BatchInfo">
        <xs:sequence>
            <xs:element name="BatchId" type="xs:int" />
        </xs:sequence>
    </xs:complexType>

    <xs:complexType name="SignedData">
        <xs:sequence>
            <xs:element name="Data" type="tax:Data" />
            <xs:element name="Signature" type="tax:Signature"
                minOccurs="1" maxOccurs="2" />
            <xs:element name="InvoiceMetadata"
type="tax:InvoiceMetadata"
                minOccurs="0" />
        </xs:sequence>
    </xs:complexType>

    <xs:complexType name="ExportedData">
        <xs:choice>
            <xs:element name="SignedData" type="tax:SignedData"
                minOccurs="0" maxOccurs="unbounded" />
            <xs:element name="Invoice" type="tax:Invoice" minOccurs="0"
                maxOccurs="unbounded" />
        </xs:choice>
    </xs:complexType>

```

```
<xs:complexType name="SignableData" />
```

```
<xs:complexType name="Data">
```

```
  <xs:sequence>
```

```
    <xs:element name="SignableData" type="tax:SignableData" />
```

```
  </xs:sequence>
```

```
  <!--
```

```
    <choice> <element name="Invoice" type="tax:Invoice" />
```

```
      name="InvoiceBatch" type="tax:InvoiceBatch" /> <element
```

```
      name="InvalidationRequest" type="tax:InvalidationRequest" />
```

```
    </choice>
```

```
  -->
```

```
</xs:complexType>
```

```
<xs:element name="SignedData" type="tax:SignedData" />
```

```
<xs:element name="ExportedData" type="tax:ExportedData" />
```

```
<xs:element name="Data" type="tax:Data" />
```

<element

</xs:schema>