

## XML specifications

The xml specifications listed below will assist you in creating your xml file by identifying what is allowed in the file. The XML schema (ENF123.XSD) defines the building blocks of an .xml file and is available on our website. We have also provided the ISO standard country and state codes for your reference. The Board recommends this upload process only be utilized by staff who have xml experience.

<https://if-gcbapps.nv.gov/Schemas/ENF123.XSD> (ENF123.xsd)

<https://if-gcbapps.nv.gov/Schemas/isoCountryCodes.xsd> (isoCountryCode.xsd)

<https://if-gcbapps.nv.gov/Schemas/isoStateCodes.xsd> (isoStateCodes.xsd)

### Mapping the ENF08 form to the XML format for BWR Submission.

The XML format reflects the fields needed to file Book Wagering Reports (ENF123 and ENF08). The XML is built using 4 elements with each element having multiple attributes.

The outer element is <BWSubmission>

Inside this element there can be multiple <Patron> elements.

Each <Patron> element can contain one <Agent> element.

Each <Patron> element can contain multiple <Wager> elements.

```
<BWSubmission>
<Patron>
<Agent></Agent>
<Wager></Wager>
<Wager></Wager>
<Wager></Wager>
<Wager></Wager>...
</Patron>
</BWSubmission>
```

Each element has attributes which contain the actual data.

Description of attributes.

<Patron>	Patron element, 1 per patron/agent combination
name="Last"	Patron last name
name="First"	First name
name="Middle"	Middle name
name="BusinessName"	If a business entity, business name
name="IssuedBy"	State the ID was issued by, must be an ISO State code
name="IdOtherValue"	Id type description if BWIdTypeId = 3 (other)
name="Phone"	Phone number
name="SSN"	SSN – must be formatted nnn-nn-nnnn
name="DOB"	Date of Birth, YYYY-MM-DDThh:mm:ss format
name="EIN"	if a business entity, EIN
name="BWIdTypeId"	Type of ID used, 1-Driver's License, 2-State ID, 3-Other
name="IdValue"	Id number relating to BWIdTypeId
name="BWVerificationMethodId"	Verification Method – 1-Examination, 2-On file, 3-Other
name="IdVerificationOtherValue"	If BWVerificationMethodId = 3, other method
name="Email"	email address
name="Address"	Patron address
name="PassportNum"	Passport Number

name="PassportIssuedBy"	Country that issued the passport – ISO Country code.
<Agent>	Agent element, 1 per Patron
name="Last"	Agent last name
name="First"	First name
name="Middle"	Middle name
name="IssuedBy"	State the ID was issued by, must be an ISO State code
name="IdOtherValue"	Id type description if BWIdTypeid = 3 (other)
name="Phone"	Phone number
name="SSN"	SSN – must be formatted nnn-nn-nnnn
name="DOB"	Date of Birth, YYYY-MM-DDThh:mm:ss format
name="BWIdTypeid"	Type of ID used, 1-Driver's License, 2-State ID, 3-Other
name="IdValue"	Id number relating to BWIdTypeid
name="BWVerificationMethodId"	Verification Method – 1-Examination, 2-On file, 3-Other
name="IdVerificationOtherValue"	If BWVerificationMethodId = 3, other method
name="Email"	email address
name="Address"	Agent address
name="PassportNum"	Passport Number
name="PassportIssuedBy"	Country that issued the passport – ISO Country code
</Agent>	
<Wager>	
name="WagerDate"	Date of the wager
name="WagerCount"	# of wagers places
name="WagerLargest"	Dollar value of largest wager for this date
name="WagerSmallest"	Dollar value of smallest wager for this date
name="WagerTotalSports"	Total of all sports wagers for this date
name="WagerTotalNP"	Total of all non-parimutuel wagers for this date
name="PayoutCount"	Number of payouts for this date
name="PayoutTotalSports"	Total of sports payouts for this date
name="PayoutTotalNP"	Total of non-parimutuel payouts for this date.
</Wager>	end of wager element.
</Patron>	end of Patron element.



Below is a mapping of xml to the Excel cells in the ENF-08 Book Wagering Report (9-17) Excel file located on the Boards public website, <https://gaming.nv.gov/modules/showdocument.aspx?documentid=12142>.

<BWSubmission EffectiveDate="2019-06-01T00:00:00" >	M7
<patron	
Last="JOHNSON"	E10
First="DONALD"	K10
Middle="J"	O10
IssuedBy="5423"	E12 , ISO State code is required.
Address="850 Sunset Parkway, Henderson, NV, 89011-3213"	NEW
Phone="7025551212"	NEW
SSN="999-87-4455"	G14
DOB="1979-12-10T00:00:00"	L14
BWIdTypeld="1"	NEW 1-Driver's License, 2-State Id, 3-Other
IdValue="34344799"	L12
BWVerificationMethodId="1"	NEW 1-Examination, 2-On-File, 3-Other
Email="JD@aol.com"	NEW
IdOtherValue=""	NEW, If BWIdTypeld=3, text field for Other Id Type
BusinessName=""	NEW, If a Business must not have last, first etc.
EIN=""	NEW, if a business entity must supply EIN
IdVerificationOtherValue=""	NEW, if BWVerificationMethodId=3, other description
PassportNum=""	NEW
PassportIssuedBy=""	NEW, ISO Country code is required
>	
<wager	
WagerDate="2019-06-02T00:00:00"	Column D
WagerCount="1"	COLUMN E
WagerLargest="12000"	COLUMN F
WagerSmallest="12000"	COLUMN G
WagerTotalSports="12000"	COLUMN H
WagerTotalNP="0"	COLUMN I
PayoutCount="2"	COLUMN K
PayoutTotalSports="13000"	COLUMN L
PayoutTotalNP="0"	COLUMN O
/>	
<wager	
WagerDate="2019-06-06T00:00:00"	
WagerCount="0"	
WagerLargest="0"	
WagerSmallest="0"	
WagerTotalSports="0"	
WagerTotalNP="0"	
PayoutCount="8"	
PayoutTotalSports="25000"	
PayoutTotalNP="0"	
/>	
<agent	
Last="SHYSTER"	E17
First="IRWIN"	K17
Middle="R"	O17
Address="123 Main St, Henderson, NV, 89011-3213"	NEW
Phone="7025366661"	NEW
SSN="979-42-6666"	G21
DOB="1979-12-10T00:00:00"	L14
BWIdTypeld="1"	NEW
IdValue="RU419246"	L19
BWVerificationMethodId="1"	NEW
Email="wc272333@aol.com"	NEW
IdOtherValue="LIBRARY CARD"	NEW
IdVerificationOtherValue=""	NEW
PassportNum=""	NEW
PassportIssuedBy=""	NEW
/>	
</patron>	
</BWSubmission>	

The xml file can be validated against an xsd file. Not all data is validated but this will ensure the xml is well formed. ENF123.xsd consumes two other xsd files for validation of passport country and id state. The PassportIssuedBy field is further validated against isoCountryCodes.xsd and the IssuedBy field is validated against isoStateCodes.xsd.

#### ENF123.xsd

```
<?xml version="1.0" encoding="utf-8"?>
<xs:schema attributeFormDefault="unqualified" elementFormDefault="qualified" xmlns:xs="http://www.w3.org/2001/XMLSchema" >
<xs:include schemaLocation = "isoCountryCodes.xsd"/>
<xs:include schemaLocation = "isoStateCodes.xsd"/>
<xs:element name="BWSubmission">
  <xs:complexType>
    <xs:sequence>
      <xs:element maxOccurs="unbounded" name="patron">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="agent" minOccurs="0">
              <xs:complexType>
                <xs:simpleContent>
                  <xs:extension base="xs:string">
                    <xs:attribute name="Last" type="xs:string" use="optional" />
                    <xs:attribute name="First" type="xs:string" use="optional" />
                    <xs:attribute name="Middle" type="xs:string" use="optional" />
                    <xs:attribute name="IssuedBy" type="isoStateCodes" use="optional" />
                    <xs:attribute name="IdOtherValue" type="xs:string" use="optional" />
                    <xs:attribute name="Phone" type="xs:string" use="optional" />
                    <xs:attribute name="SSN" use="optional">
                      <xs:simpleType>
                        <xs:restriction base="xs:string">
                          <xs:pattern value="(^\$|\d{3}-\d{2}-\d{4})"/>
                        </xs:restriction>
                      </xs:simpleType>
                    </xs:attribute>
                    <xs:attribute name="DOB" type="xs:dateTime" use="optional" />
                    <xs:attribute name="BWIdType" type="xs:unsignedByte" use="optional" />
                    <xs:attribute name="IdValue" type="xs:string" use="optional" />
                    <xs:attribute name="BWVerificationMethod" type="xs:unsignedByte" use="optional" />
                    <xs:attribute name="IdVerificationOtherValue" type="xs:string" use="optional" />
                    <xs:attribute name="Email" type="xs:string" use="optional" />
                    <xs:attribute name="Address" type="xs:string" use="optional" />
                    <xs:attribute name="PassportNum" type="xs:string" use="optional" />
                    <xs:attribute name="PassportIssuedBy" type="isoCountryCodes" use="optional" />
                  </xs:extension>
                </xs:simpleContent>
              </xs:complexType>
            </xs:element>
            <xs:element maxOccurs="unbounded" minOccurs="0" name="wager">
              <xs:complexType>
                <xs:attribute name="WagerDate" type="xs:dateTime" use="required" />
                <xs:attribute name="WagerCount" type="xs:unsignedInt" use="required" />
                <xs:attribute name="WagerLargest" type="xs:unsignedInt" use="required" />
                <xs:attribute name="WagerSmallest" type="xs:unsignedInt" use="required" />
                <xs:attribute name="WagerTotalSports" type="xs:unsignedInt" use="required" />
                <xs:attribute name="WagerTotalNP" type="xs:unsignedInt" use="required" />
                <xs:attribute name="PayoutCount" type="xs:unsignedInt" use="required" />
                <xs:attribute name="PayoutTotalSports" type="xs:unsignedInt" use="required" />
                <xs:attribute name="PayoutTotalNP" type="xs:unsignedInt" use="required" />
              </xs:complexType>
            </xs:element>
          </xs:sequence>
          <xs:attribute name="Last" type="xs:string" use="optional" />
          <xs:attribute name="First" type="xs:string" use="optional" />
          <xs:attribute name="Middle" type="xs:string" use="optional" />
          <xs:attribute name="BusinessName" type="xs:string" use="optional" />
          <xs:attribute name="IssuedBy" type="isoStateCodes" use="optional" />
          <xs:attribute name="IdOtherValue" type="xs:string" use="optional" />
          <xs:attribute name="Phone" type="xs:string" use="optional" />
          <xs:attribute name="SSN" use="optional">
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:pattern value="(^\$|\d{3}-\d{2}-\d{4})"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:attribute>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

```
</xs:simpleType>
</xs:attribute>
<xs:attribute name="DOB" type="xs:dateTime" use="optional" />
<xs:attribute name="EIN" type="xs:string" use="optional" />
<xs:attribute name="BWIdTypeld" use="optional" >
  <xs:simpleType>
    <xs:restriction base="xs:integer">
      <xs:minInclusive value ="1"/>
      <xs:maxInclusive value ="3"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
<xs:attribute name="IdValue" type="xs:string" use="optional" />
<xs:attribute name="BWVerificationMethodId" use="optional" >
  <xs:simpleType>
    <xs:restriction base="xs:integer">
      <xs:minInclusive value ="1"/>
      <xs:maxInclusive value ="3"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
<xs:attribute name="IdVerificationOtherValue" type="xs:string" use="optional" />
<xs:attribute name="Email" type="xs:string" use="optional" />
<xs:attribute name="Address" type="xs:string" use="optional" />
<xs:attribute name="PassportNum" type="xs:string" use="optional" />
<xs:attribute name="PassportIssuedBy" type="isoCountryCodes" use="optional" />
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute name="EffectiveDate" type="xs:dateTime" use="required" />
</xs:complexType>
</xs:element>
</xs:schema>
```

isoStateCodes.xsd:

```
<?xml version="1.0" encoding="utf-8"?>
<xs:schema xmlns:xs = "http://www.w3.org/2001/XMLSchema"
  version = "1.0"
  elementFormDefault = "qualified">

  <xs:simpleType name = "isoStateCodes">
    <xs:annotation>
      <xs:documentation>ISO State codes. Numeric is required tps://www.iso.org/obp/ui/#search</xs:documentation>
    </xs:annotation>
    <xs:restriction base = "xs:string">
      <xs:enumeration value="AL"/><!-- Alabama -->
      <xs:enumeration value="AK"/><!-- Alaska -->
      <xs:enumeration value="AZ"/><!-- Arizona -->
      <xs:enumeration value="AR"/><!-- Arkansas -->
      <xs:enumeration value="CA"/><!-- California -->
      <xs:enumeration value="CO"/><!-- Colorado -->
      <xs:enumeration value="CT"/><!-- Connecticut -->
      <xs:enumeration value="DE"/><!-- Delaware -->
      <xs:enumeration value="DC"/><!-- District of Columbia -->
      <xs:enumeration value="FL"/><!-- Florida -->
      <xs:enumeration value="GA"/><!-- Georgia -->
      <xs:enumeration value="HI"/><!-- Hawaii -->
      <xs:enumeration value="ID"/><!-- Idaho -->
      <xs:enumeration value="IL"/><!-- Illinois -->
      <xs:enumeration value="IN"/><!-- Indiana -->
      <xs:enumeration value="IA"/><!-- Iowa -->
      <xs:enumeration value="KS"/><!-- Kansas -->
      <xs:enumeration value="KY"/><!-- Kentucky -->
      <xs:enumeration value="LA"/><!-- Louisiana -->
      <xs:enumeration value="ME"/><!-- Maine -->
      <xs:enumeration value="MD"/><!-- Maryland -->
      <xs:enumeration value="MA"/><!-- Massachusetts -->
      <xs:enumeration value="MI"/><!-- Michigan -->
      <xs:enumeration value="MN"/><!-- Minnesota -->
      <xs:enumeration value="MS"/><!-- Mississippi -->
      <xs:enumeration value="MO"/><!-- Missouri -->
      <xs:enumeration value="MT"/><!-- Montana -->
      <xs:enumeration value="NE"/><!-- Nebraska -->
      <xs:enumeration value="NV"/><!-- Nevada -->
      <xs:enumeration value="NH"/><!-- New Hampshire -->
      <xs:enumeration value="NJ"/><!-- New Jersey -->
      <xs:enumeration value="NM"/><!-- New Mexico -->
      <xs:enumeration value="NY"/><!-- New York -->
      <xs:enumeration value="NC"/><!-- North Carolina -->
      <xs:enumeration value="ND"/><!-- North Dakota -->
      <xs:enumeration value="OH"/><!-- Ohio -->
      <xs:enumeration value="OK"/><!-- Oklahoma -->
      <xs:enumeration value="OR"/><!-- Oregon -->
      <xs:enumeration value="PA"/><!-- Pennsylvania -->
      <xs:enumeration value="RI"/><!-- Rhode Island -->
      <xs:enumeration value="SC"/><!-- South Carolina -->
```

```

    <xs:enumeration value="SD"/><!-- South Dakota -->
    <xs:enumeration value="TN"/><!-- Tennessee -->
    <xs:enumeration value="TX"/><!-- Texas -->
    <xs:enumeration value="UT"/><!-- Utah -->
    <xs:enumeration value="VT"/><!-- Vermont -->
    <xs:enumeration value="VA"/><!-- Virginia -->
    <xs:enumeration value="WA"/><!-- Washington -->
    <xs:enumeration value="WV"/><!-- West Virginia -->
    <xs:enumeration value="WI"/><!-- Wisconsin -->
    <xs:enumeration value="WY"/><!-- Wyoming -->
  </xs:restriction>
</xs:simpleType>
</xs:schema>

```

#### isoCountryCodes.xsd

```

<?xml version="1.0" encoding="utf-8"?>
<xs:schema xmlns:xs = "http://www.w3.org/2001/XMLSchema" version = "1.0" elementFormDefault = "qualified">
  <xs:simpleType name = "isoCountryCodes">
    <xs:annotation>
      <xs:documentation>ISO country codes. Numeric is required </xs:documentation>
    </xs:annotation>
    <xs:restriction base = "xs:string">
      <xs:enumeration value="AD"/> <!-- Andorra -->
      <xs:enumeration value="AE"/> <!-- United Arab Emirates (the) -->
      <xs:enumeration value="AF"/> <!-- Afghanistan -->
      <xs:enumeration value="AG"/> <!-- Antigua and Barbuda -->
      <xs:enumeration value="AI"/> <!-- Anguilla -->
      <xs:enumeration value="AL"/> <!-- Albania -->
      <xs:enumeration value="AM"/> <!-- Armenia -->
      <xs:enumeration value="AN"/> <!-- Netherlands Antilles -->
      <xs:enumeration value="AO"/> <!-- Angola -->
      <xs:enumeration value="AQ"/> <!-- Antarctica -->
      <xs:enumeration value="AR"/> <!-- Argentina -->
      <xs:enumeration value="AS"/> <!-- American Samoa -->
      <xs:enumeration value="AT"/> <!-- Austria -->
      <xs:enumeration value="AU"/> <!-- Australia -->
      <xs:enumeration value="AW"/> <!-- Aruba -->
      <xs:enumeration value="AX"/> <!-- Åland Islands -->
      <xs:enumeration value="AZ"/> <!-- Azerbaijan -->
      <xs:enumeration value="BA"/> <!-- Bosnia and Herzegovina -->
      <xs:enumeration value="BB"/> <!-- Barbados -->
      <xs:enumeration value="BD"/> <!-- Bangladesh -->
      <xs:enumeration value="BE"/> <!-- Belgium -->
      <xs:enumeration value="BF"/> <!-- Burkina Faso -->
      <xs:enumeration value="BG"/> <!-- Bulgaria -->
      <xs:enumeration value="BH"/> <!-- Bahrain -->
      <xs:enumeration value="BI"/> <!-- Burundi -->
      <xs:enumeration value="BJ"/> <!-- Benin -->
      <xs:enumeration value="BL"/> <!-- Saint Barthelemy -->
      <xs:enumeration value="BM"/> <!-- Bermuda -->
      <xs:enumeration value="BN"/> <!-- Brunei Darussalam -->
      <xs:enumeration value="BO"/> <!-- Bolivia -->
    </xs:restriction>
  </xs:simpleType>
</xs:schema>

```



<xs:enumeration value="BQ"/> <!-- Boneiru, Sint Eustatius y Saba -->  
<xs:enumeration value="BR"/> <!-- Brazil -->  
<xs:enumeration value="BS"/> <!-- Bahamas (the) -->  
<xs:enumeration value="BT"/> <!-- Bhutan -->  
<xs:enumeration value="BU"/> <!-- Burma -->  
<xs:enumeration value="BV"/> <!-- Bouvet Island -->  
<xs:enumeration value="BW"/> <!-- Botswana -->  
<xs:enumeration value="BY"/> <!-- Belarus -->  
<xs:enumeration value="BZ"/> <!-- Belize -->  
<xs:enumeration value="CA"/> <!-- Canada -->  
<xs:enumeration value="CC"/> <!-- Cocos (Keeling) Islands (the) -->  
<xs:enumeration value="CD"/> <!-- Congo (the Democratic Republic of the) -->  
<xs:enumeration value="CF"/> <!-- Central African Republic -->  
<xs:enumeration value="CG"/> <!-- Congo (the) -->  
<xs:enumeration value="CH"/> <!-- Switzerland -->  
<xs:enumeration value="CI"/> <!-- Côte d'Ivoire -->  
<xs:enumeration value="CK"/> <!-- Cook Islands (the) -->  
<xs:enumeration value="CL"/> <!-- Chile -->  
<xs:enumeration value="CM"/> <!-- Cameroon -->  
<xs:enumeration value="CN"/> <!-- China -->  
<xs:enumeration value="CO"/> <!-- Colombia -->  
<xs:enumeration value="CR"/> <!-- Costa Rica -->  
<xs:enumeration value="CS"/> <!-- Serbia and Montenegro -->  
<xs:enumeration value="CT"/> <!-- Canton and Enderbury Islands -->  
<xs:enumeration value="CU"/> <!-- Cuba -->  
<xs:enumeration value="CV"/> <!-- Cabo Verde -->  
<xs:enumeration value="CW"/> <!-- Curacao -->  
<xs:enumeration value="CX"/> <!-- Christmas Island -->  
<xs:enumeration value="CY"/> <!-- Cyprus -->  
<xs:enumeration value="CZ"/> <!-- Czechia -->  
<xs:enumeration value="DD"/> <!-- German Democratic Republic -->  
<xs:enumeration value="DE"/> <!-- Germany -->  
<xs:enumeration value="DJ"/> <!-- Djibouti -->  
<xs:enumeration value="DK"/> <!-- Denmark -->  
<xs:enumeration value="DM"/> <!-- Dominica -->  
<xs:enumeration value="DO"/> <!-- Dominican Republic (the) -->  
<xs:enumeration value="DY"/> <!-- Dahomey -->  
<xs:enumeration value="DZ"/> <!-- Algeria -->  
<xs:enumeration value="EC"/> <!-- Ecuador -->  
<xs:enumeration value="EE"/> <!-- Estonia -->  
<xs:enumeration value="EG"/> <!-- Egypt -->  
<xs:enumeration value="EH"/> <!-- Western Sahara -->  
<xs:enumeration value="ER"/> <!-- Eritrea -->  
<xs:enumeration value="ES"/> <!-- Spain -->  
<xs:enumeration value="ET"/> <!-- Ethiopia -->  
<xs:enumeration value="FI"/> <!-- Finland -->  
<xs:enumeration value="FJ"/> <!-- Fiji -->  
<xs:enumeration value="FK"/> <!-- Falkland Islands (the) [Malvinas] -->  
<xs:enumeration value="FM"/> <!-- Micronesia (Federated States of) -->  
<xs:enumeration value="FO"/> <!-- Faroe Islands (the) -->  
<xs:enumeration value="FQ"/> <!-- French Southern and Antarctic Territories -->  
<xs:enumeration value="FR"/> <!-- France -->  
<xs:enumeration value="FX"/> <!-- France, Metropolitan -->

<xs:enumeration value="GA"/> <!-- Gabon -->  
<xs:enumeration value="GB"/> <!-- United Kingdom of Great Britain and Northern Ireland (the) -->  
<xs:enumeration value="GD"/> <!-- Grenada -->  
<xs:enumeration value="GE"/> <!-- Georgia -->  
<xs:enumeration value="GF"/> <!-- French Guiana -->  
<xs:enumeration value="GG"/> <!-- Guernsey -->  
<xs:enumeration value="GH"/> <!-- Ghana -->  
<xs:enumeration value="GI"/> <!-- Gibraltar -->  
<xs:enumeration value="GL"/> <!-- Greenland -->  
<xs:enumeration value="GM"/> <!-- Gambia (the) -->  
<xs:enumeration value="GN"/> <!-- Guinea -->  
<xs:enumeration value="GP"/> <!-- Guadeloupe -->  
<xs:enumeration value="GQ"/> <!-- Equatorial Guinea -->  
<xs:enumeration value="GR"/> <!-- Greece -->  
<xs:enumeration value="GS"/> <!-- South Georgia and the South Sandwich Islands -->  
<xs:enumeration value="GT"/> <!-- Guatemala -->  
<xs:enumeration value="GU"/> <!-- Guam -->  
<xs:enumeration value="GW"/> <!-- Guinea-Bissau -->  
<xs:enumeration value="GY"/> <!-- Guyana -->  
<xs:enumeration value="HK"/> <!-- Hong Kong -->  
<xs:enumeration value="HM"/> <!-- Heard Island and McDonald Islands -->  
<xs:enumeration value="HN"/> <!-- Honduras -->  
<xs:enumeration value="HR"/> <!-- Croatia -->  
<xs:enumeration value="HT"/> <!-- Haiti -->  
<xs:enumeration value="HU"/> <!-- Hungary -->  
<xs:enumeration value="HV"/> <!-- Upper Volta -->  
<xs:enumeration value="ID"/> <!-- Indonesia -->  
<xs:enumeration value="IE"/> <!-- Ireland -->  
<xs:enumeration value="IL"/> <!-- Israel -->  
<xs:enumeration value="IM"/> <!-- Isle of Man -->  
<xs:enumeration value="IN"/> <!-- India -->  
<xs:enumeration value="IO"/> <!-- British Indian Ocean Territory (the) -->  
<xs:enumeration value="IQ"/> <!-- Iraq -->  
<xs:enumeration value="IR"/> <!-- Iran (Islamic Republic of) -->  
<xs:enumeration value="IS"/> <!-- Iceland -->  
<xs:enumeration value="IT"/> <!-- Italy -->  
<xs:enumeration value="JE"/> <!-- Jersey -->  
<xs:enumeration value="JM"/> <!-- Jamaica -->  
<xs:enumeration value="JO"/> <!-- Jordan -->  
<xs:enumeration value="JP"/> <!-- Japan -->  
<xs:enumeration value="JT"/> <!-- Johnston Island -->  
<xs:enumeration value="KE"/> <!-- Kenya -->  
<xs:enumeration value="KG"/> <!-- Kyrgyzstan -->  
<xs:enumeration value="KH"/> <!-- Cambodia -->  
<xs:enumeration value="KI"/> <!-- Kiribati -->  
<xs:enumeration value="KM"/> <!-- Comoros (the) -->  
<xs:enumeration value="KN"/> <!-- Saint Kitts and Nevis -->  
<xs:enumeration value="KP"/> <!-- Korea (the Democratic People's Republic of) -->  
<xs:enumeration value="KR"/> <!-- Korea (the Republic of) -->  
<xs:enumeration value="KW"/> <!-- Kuwait -->  
<xs:enumeration value="KY"/> <!-- Cayman Islands (the) -->  
<xs:enumeration value="KZ"/> <!-- Kazakhstan -->  
<xs:enumeration value="LA"/> <!-- Lao People's Democratic Republic (the) -->

<xs:enumeration value="LB"/> <!-- Lebanon -->  
<xs:enumeration value="LC"/> <!-- Saint Lucia -->  
<xs:enumeration value="LI"/> <!-- Liechtenstein -->  
<xs:enumeration value="LK"/> <!-- Sri Lanka -->  
<xs:enumeration value="LR"/> <!-- Liberia -->  
<xs:enumeration value="LS"/> <!-- Lesotho -->  
<xs:enumeration value="LT"/> <!-- Lithuania -->  
<xs:enumeration value="LU"/> <!-- Luxembourg -->  
<xs:enumeration value="LV"/> <!-- Latvia -->  
<xs:enumeration value="LY"/> <!-- Libya -->  
<xs:enumeration value="MA"/> <!-- Morocco -->  
<xs:enumeration value="MC"/> <!-- Monaco -->  
<xs:enumeration value="MD"/> <!-- Moldova (the Republic of) -->  
<xs:enumeration value="ME"/> <!-- Montenegro -->  
<xs:enumeration value="MF"/> <!-- Saint Martin (French part) -->  
<xs:enumeration value="MG"/> <!-- Madagascar -->  
<xs:enumeration value="MH"/> <!-- Marshall Islands (the) -->  
<xs:enumeration value="MI"/> <!-- Midway Islands -->  
<xs:enumeration value="MK"/> <!-- North Macedonia -->  
<xs:enumeration value="ML"/> <!-- Mali -->  
<xs:enumeration value="MM"/> <!-- Myanmar -->  
<xs:enumeration value="MN"/> <!-- Mongolia -->  
<xs:enumeration value="MO"/> <!-- Macao -->  
<xs:enumeration value="MP"/> <!-- Northern Mariana Islands (the) -->  
<xs:enumeration value="MQ"/> <!-- Martinique -->  
<xs:enumeration value="MR"/> <!-- Mauritania -->  
<xs:enumeration value="MS"/> <!-- Montserrat -->  
<xs:enumeration value="MT"/> <!-- Malta -->  
<xs:enumeration value="MU"/> <!-- Mauritius -->  
<xs:enumeration value="MV"/> <!-- Maldives -->  
<xs:enumeration value="MW"/> <!-- Malawi -->  
<xs:enumeration value="MX"/> <!-- Mexico -->  
<xs:enumeration value="MY"/> <!-- Malaysia -->  
<xs:enumeration value="MZ"/> <!-- Mozambique -->  
<xs:enumeration value="NA"/> <!-- Namibia -->  
<xs:enumeration value="NC"/> <!-- New Caledonia -->  
<xs:enumeration value="NE"/> <!-- Niger -->  
<xs:enumeration value="NF"/> <!-- Norfolk Island -->  
<xs:enumeration value="NG"/> <!-- Nigeria -->  
<xs:enumeration value="NH"/> <!-- New Hebrides -->  
<xs:enumeration value="NI"/> <!-- Nicaragua -->  
<xs:enumeration value="NL"/> <!-- Netherlands -->  
<xs:enumeration value="NO"/> <!-- Norway -->  
<xs:enumeration value="NP"/> <!-- Nepal -->  
<xs:enumeration value="NQ"/> <!-- Dronning Maud Land -->  
<xs:enumeration value="NR"/> <!-- Nauru -->  
<xs:enumeration value="NT"/> <!-- Neutral Zone -->  
<xs:enumeration value="NU"/> <!-- Niue -->  
<xs:enumeration value="NZ"/> <!-- New Zealand -->  
<xs:enumeration value="OM"/> <!-- Oman -->  
<xs:enumeration value="PA"/> <!-- Panama -->  
<xs:enumeration value="PC"/> <!-- Pacific Islands (Trust Territory) -->  
<xs:enumeration value="PE"/> <!-- Peru -->

<xs:enumeration value="PF"/> <!-- French Polynesia -->  
<xs:enumeration value="PG"/> <!-- Papua New Guinea -->  
<xs:enumeration value="PH"/> <!-- Philippines (the) -->  
<xs:enumeration value="PK"/> <!-- Pakistan -->  
<xs:enumeration value="PL"/> <!-- Poland -->  
<xs:enumeration value="PM"/> <!-- Saint Pierre and Miquelon -->  
<xs:enumeration value="PN"/> <!-- Pitcairn -->  
<xs:enumeration value="PR"/> <!-- Puerto Rico -->  
<xs:enumeration value="PS"/> <!-- Palestine, State of -->  
<xs:enumeration value="PT"/> <!-- Portugal -->  
<xs:enumeration value="PU"/> <!-- United States Miscellaneous Pacific Islands -->  
<xs:enumeration value="PW"/> <!-- Palau -->  
<xs:enumeration value="PY"/> <!-- Paraguay -->  
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<xs:enumeration value="QA"/> <!-- Qatar -->  
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<xs:enumeration value="RH"/> <!-- Southern Rhodesia -->  
<xs:enumeration value="RO"/> <!-- Romania -->  
<xs:enumeration value="RS"/> <!-- Serbia -->  
<xs:enumeration value="RU"/> <!-- Russian Federation (the) -->  
<xs:enumeration value="RW"/> <!-- Rwanda -->  
<xs:enumeration value="SA"/> <!-- Saudi Arabia -->  
<xs:enumeration value="SB"/> <!-- Solomon Islands -->  
<xs:enumeration value="SC"/> <!-- Seychelles -->  
<xs:enumeration value="SD"/> <!-- Sudan (the) -->  
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<xs:enumeration value="SG"/> <!-- Singapore -->  
<xs:enumeration value="SH"/> <!-- Saint Helena -->  
<xs:enumeration value="SI"/> <!-- Slovenia -->  
<xs:enumeration value="SJ"/> <!-- Svalbard and Jan Mayen -->  
<xs:enumeration value="SK"/> <!-- Slovakia -->  
<xs:enumeration value="SL"/> <!-- Sierra Leone -->  
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<xs:enumeration value="SN"/> <!-- Senegal -->  
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<xs:enumeration value="SR"/> <!-- Suriname -->  
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<xs:enumeration value="ST"/> <!-- Sao Tome and Principe -->  
<xs:enumeration value="SU"/> <!-- USSR -->  
<xs:enumeration value="SV"/> <!-- El Salvador -->  
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<xs:enumeration value="SY"/> <!-- Syrian Arab Republic (the) -->  
<xs:enumeration value="SZ"/> <!-- Eswatini -->  
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<xs:enumeration value="TD"/> <!-- Chad -->  
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<xs:enumeration value="TG"/> <!-- Togo -->  
<xs:enumeration value="TH"/> <!-- Thailand -->  
<xs:enumeration value="TJ"/> <!-- Tajikistan -->  
<xs:enumeration value="TK"/> <!-- Tokelau -->  
<xs:enumeration value="TL"/> <!-- Timor-Leste -->  
<xs:enumeration value="TM"/> <!-- Turkmenistan -->  
<xs:enumeration value="TN"/> <!-- Tunisia -->

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<xs:enumeration value="TO"/> <!-- Tonga -->
<xs:enumeration value="TP"/> <!-- East Timor -->
<xs:enumeration value="TR"/> <!-- Turkey -->
<xs:enumeration value="TT"/> <!-- Trinidad and Tobago -->
<xs:enumeration value="TV"/> <!-- Tuvalu -->
<xs:enumeration value="TW"/> <!-- Taiwan (Province of China) -->
<xs:enumeration value="TZ"/> <!-- Tanzania, the United Republic of -->
<xs:enumeration value="UA"/> <!-- Ukraine -->
<xs:enumeration value="UG"/> <!-- Uganda -->
<xs:enumeration value="UM"/> <!-- United States Minor Outlying Islands (the) -->
<xs:enumeration value="US"/> <!-- United States of America (the) -->
<xs:enumeration value="UY"/> <!-- Uruguay -->
<xs:enumeration value="UZ"/> <!-- Uzbekistan -->
<xs:enumeration value="VA"/> <!-- Holy See (the) -->
<xs:enumeration value="VC"/> <!-- Saint Vincent and the Grenadines -->
<xs:enumeration value="VD"/> <!-- Viet-Nam -->
<xs:enumeration value="VE"/> <!-- Venezuela (Bolivarian Republic of) -->
<xs:enumeration value="VG"/> <!-- Virgin Islands (British) -->
<xs:enumeration value="VI"/> <!-- Virgin Islands (U.S.) -->
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<xs:enumeration value="WF"/> <!-- Wallis and Futuna -->
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<xs:enumeration value="YU"/> <!-- Yugoslavia -->
<xs:enumeration value="ZA"/> <!-- South Africa -->
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