

Appendix C. Group Event

NOTE: The following is the proposed data schema definition (XSD) followed by the documentation for *Group Events* records that may be encoded onto the *HealthMAP* information system.

```

<?xml version="1.0" encoding="UTF-8"?>
<schema targetNamespace="http://data.gcoos.org/mmhmap/xml/1.0"
  xmlns="http://www.w3.org/2001/XMLSchema" xmlns:gml="http://www.opengis.net/gml"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:mmc="https://www.mmc.gov/"
  xmlns:dc="http://purl.org/dc/elements/1.1/" elementFormDefault="qualified" version="1.0.0.2"
  xml:lang="en">

  <!-- This is the original version of MMC LevelA subforms for groupEvents (as of 2017-03-06) -->
  <annotation>
    <documentation>
      <dc:description>
        This XML Schema defines the recommended Marine Mammal Commission Level A XML elements and
        types for subforms to record group events.
      </dc:description>
    </documentation>
  </annotation>

  <!-- =====
        Element: Record identifier
        ===== -->
  <element name="recordIdentifier">
    <annotation>
      <documentation>
        <dc:description>
          Record identifier based on a proposed persistent record identifier for HealthMAP
        </dc:description>
      </documentation>
    </annotation>
    <complexType>
      <sequence>
        <element name="recId" type="string" minOccurs="0"/>
        <element name="organization" type="string" minOccurs="0"/>
        <element name="localId" type="string" minOccurs="0"/>
        <element name="eventId" type="string" minOccurs="0"/>
        <element name="eventIdCount">
          <simpleType>
            <restriction base="integer">
              <minInclusive value="0"/>
              <maxInclusive value="999"/>
            </restriction>
          </simpleType>
        </element>
      </sequence>
    </complexType>
  </element>

  <!-- =====
        Element: Group Events
        ===== -->
  <element name="groupEvent">
    <complexType>
      <sequence>
        <element name="eventName" type="string" minOccurs="0"/>
        <element name="eventLocation" type="string" minOccurs="0"/>

```

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<element name="eventAbstract" type="string" minOccurs="0"/>
<element name="eventStart" type="date" minOccurs="0"/>
<element name="eventEnd" type="date"/>
<element name="eventOffspringPair">
  <simpleType>
    <restriction base="string">
      <pattern value="true|false"/>
    </restriction>
  </simpleType>
</element>
<element name="eventMassStranding">
  <simpleType>
    <restriction base="string">
      <pattern value="true|false"/>
    </restriction>
  </simpleType>
</element>
<element name="eventUME">
  <simpleType>
    <restriction base="string">
      <pattern value="true|false"/>
    </restriction>
  </simpleType>
</element>
<element name="eventOilSpill">
  <simpleType>
    <restriction base="string">
      <pattern value="true|false"/>
    </restriction>
  </simpleType>
</element>
<element name="eventResPrjInvestigation">
  <simpleType>
    <restriction base="string">
      <pattern value="true|false"/>
    </restriction>
  </simpleType>
</element>
<element name="eventOthers">
  <simpleType>
    <restriction base="string">
      <pattern value="true|false"/>
    </restriction>
  </simpleType>
</element>
<element name="eventRemarks" type="string"/>
</sequence>
</complexType>
</element>
</schema>
```

Schema documentation for groupEvent.xsd

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Namespace: "http://data.gcoos.org/mmhmap/xml/1.0"

Schema(s)

Main schema groupEvent.xsd

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Annotations	<dc:description>This XML Schema defines the recommended Marine Mammal Commission Level A XML elements and types for subforms to record group events.</dc:description>
Properties	attribute form default: unqualified
	element form default: qualified
	version: 1.0.0.2

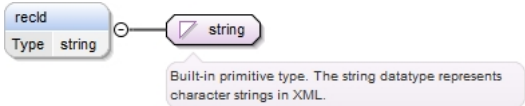
Element(s)

Element recordIdentifier

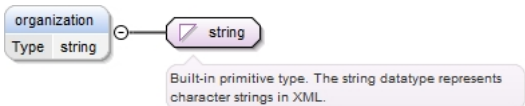
Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Annotations	<dc:description>Record identifier based on a proposed presistent record identifier for HealthMAP</dc:description>
Diagram	
Properties	content: complex

Model	recId{0,1} , organization{0,1} , localId{0,1} , eventId{0,1} , eventIdCount
Children	eventId, eventIdCount, localId, organization, recId
Instance	<pre><recordIdentifier xmlns="http://data.gcoos.org/mmhmap/xml/1.0"> <recId>{0,1}</recId> <organization>{0,1}</organization> <localId>{0,1}</localId> <eventId>{0,1}</eventId> <eventIdCount>{1,1}</eventIdCount> </recordIdentifier></pre>
Source	<pre><element name="recordIdentifier"> <annotation> <documentation> <dc:description>Record identifier based on a proposed presistent record identifier for HealthMAP</dc:description> </documentation> </annotation> <complexType> <sequence> <element name="recId" type="string" minOccurs="0"/> <element name="organization" type="string" minOccurs="0"/> <element name="localId" type="string" minOccurs="0"/> <element name="eventId" type="string" minOccurs="0"/> <element name="eventIdCount"> <simpleType> <restriction base="integer"> <minInclusive value="0"/> <maxInclusive value="999"/> </restriction> </simpleType> </element> </sequence> </complexType> </element></pre>

Element recordIdentifier / recId

Namespace	http://data.gcoos.org/mmhmap/xml/1.0				
Diagram					
Type	string				
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> </table>	content:	simple	minOccurs:	0
content:	simple				
minOccurs:	0				
Source	<pre><element name="recId" type="string" minOccurs="0"/></pre>				

Element recordIdentifier / organization

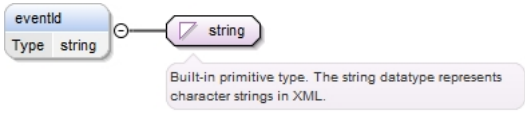
Namespace	http://data.gcoos.org/mmhmap/xml/1.0				
Diagram					
Type	string				
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> </table>	content:	simple	minOccurs:	0
content:	simple				
minOccurs:	0				
Source	<pre><element name="organization" type="string" minOccurs="0"/></pre>				

Element recordIdentifier / localId


Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	

Type	string
Properties	content: simple
	minOccurs: 0
Source	<code><element name="localId" type="string" minOccurs="0" /></code>

Element recordIdentifier / eventId

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	string
Properties	content: simple
	minOccurs: 0
Source	<code><element name="eventId" type="string" minOccurs="0" /></code>

Element recordIdentifier / eventIdCount

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	restriction of integer
Properties	content: simple
Facets	maxInclusive 999
	minInclusive 0
Source	<pre> <element name="eventIdCount"> <simpleType> <restriction base="integer"> <minInclusive value="0"/> <maxInclusive value="999"/> </restriction> </simpleType> </element> </pre>

Element groupEvent

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
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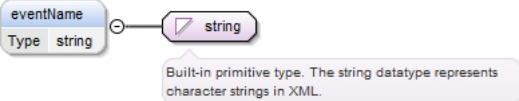
Diagram	
Properties	content: complex
Model	eventName{0,1} , eventLocation{0,1} , eventAbstract{0,1} , eventStart{0,1} , eventEnd , eventOffspringPair , eventMassStranding , eventUME , eventOilSpill , eventResPrjInvestigation , eventOthers , eventRemarks
Children	eventAbstract, eventEnd, eventLocation, eventMassStranding, eventName, eventOffspringPair, eventOilSpill, eventOthers, eventRemarks, eventResPrjInvestigation, eventStart, eventUME
Instance	<pre> <groupEvent xmlns="http://data.gcoos.org/mmhmap/xml/1.0"> <eventName>{0,1}</eventName> <eventLocation>{0,1}</eventLocation> <eventAbstract>{0,1}</eventAbstract> <eventStart>{0,1}</eventStart> <eventEnd>{1,1}</eventEnd> <eventOffspringPair>{1,1}</eventOffspringPair> <eventMassStranding>{1,1}</eventMassStranding> <eventUME>{1,1}</eventUME> <eventOilSpill>{1,1}</eventOilSpill> <eventResPrjInvestigation>{1,1}</eventResPrjInvestigation> <eventOthers>{1,1}</eventOthers> <eventRemarks>{1,1}</eventRemarks> </groupEvent> </pre>
Source	<pre> <element name="groupEvent"> <complexType> <sequence> <element name="eventName" type="string" minOccurs="0"/> <element name="eventLocation" type="string" minOccurs="0"/> <element name="eventAbstract" type="string" minOccurs="0"/> <element name="eventStart" type="date" minOccurs="0"/> <element name="eventEnd" type="date"/> <element name="eventOffspringPair"> <simpleType> <restriction base="string"> <pattern value="true false"/> </restriction> </simpleType> </element> <element name="eventMassStranding"> <simpleType> <restriction base="string"> <pattern value="true false"/> </restriction> </simpleType> </element> </sequence> </complexType> </element> </pre>

```

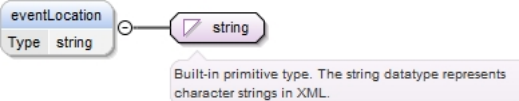
</element>
<element name="eventUME">
  <simplType>
    <restriction base="string">
      <pattern value="true|false"/>
    </restriction>
  </simplType>
</element>
<element name="eventOilSpill">
  <simplType>
    <restriction base="string">
      <pattern value="true|false"/>
    </restriction>
  </simplType>
</element>
<element name="eventResPrjInvestigation">
  <simplType>
    <restriction base="string">
      <pattern value="true|false"/>
    </restriction>
  </simplType>
</element>
<element name="eventOthers">
  <simplType>
    <restriction base="string">
      <pattern value="true|false"/>
    </restriction>
  </simplType>
</element>
<element name="eventRemarks" type="string"/>
</sequence>
</complexType>
</element>

```

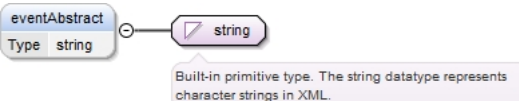
Element groupEvent / eventName

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	string
Properties	content: simple minOccurs: 0
Source	<element name="eventName" type="string" minOccurs="0"/>

Element groupEvent / eventLocation

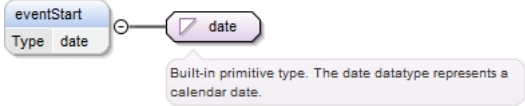
Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	string
Properties	content: simple minOccurs: 0
Source	<element name="eventLocation" type="string" minOccurs="0"/>

Element groupEvent / eventAbstract

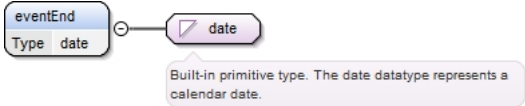
Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	string

Properties	content: simple
	minOccurs: 0
Source	<code><element name="eventAbstract" type="string" minOccurs="0"/></code>


Element groupEvent / eventStart

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	date
Properties	content: simple
	minOccurs: 0
Source	<code><element name="eventStart" type="date" minOccurs="0"/></code>


Element groupEvent / eventEnd

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	date
Properties	content: simple
Source	<code><element name="eventEnd" type="date"/></code>

Element groupEvent / eventOffspringPair


Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	restriction of string
Properties	content: simple
Facets	pattern true false
Source	<pre> <element name="eventOffspringPair"> <simpleType> <restriction base="string"> <pattern value="true false"/> </restriction> </simpleType> </element> </pre>

Element groupEvent / eventMassStranding


Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	restriction of string
Properties	content: simple
Facets	pattern true false
Source	<pre> <element name="eventMassStranding"> <simpleType> <restriction base="string"> <pattern value="true false"/> </restriction> </simpleType> </pre>

	</element>
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Element groupEvent / eventUME

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	restriction of string
Properties	content: simple
Facets	pattern true false
Source	<pre><element name="eventUME"> <simpleType> <restriction base="string"> <pattern value="true false"/> </restriction> </simpleType> </element></pre>

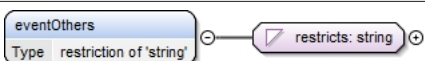
Element groupEvent / eventOilSpill

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	restriction of string
Properties	content: simple
Facets	pattern true false
Source	<pre><element name="eventOilSpill"> <simpleType> <restriction base="string"> <pattern value="true false"/> </restriction> </simpleType> </element></pre>

Element groupEvent / eventResPrjInvestigation

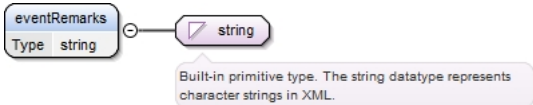
Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	restriction of string
Properties	content: simple
Facets	pattern true false
Source	<pre><element name="eventResPrjInvestigation"> <simpleType> <restriction base="string"> <pattern value="true false"/> </restriction> </simpleType> </element></pre>

Element groupEvent / eventOthers

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	
Type	restriction of string
Properties	content: simple
Facets	pattern true false

Source	<pre><element name="eventOthers"> <simpleType> <restriction base="string"> <pattern value="true false"/> </restriction> </simpleType> </element></pre>
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Element groupEvent / eventRemarks

Namespace	http://data.gcoos.org/mmhmap/xml/1.0
Diagram	 <p>The diagram illustrates the relationship between the <code>eventRemarks</code> element and the <code>string</code> datatype. A box labeled <code>eventRemarks</code> with <code>Type string</code> below it is connected by a line to a box labeled <code>string</code>. A callout bubble points to the <code>string</code> box with the text: "Built-in primitive type. The string datatype represents character strings in XML."</p>
Type	string
Properties	content: simple
Source	<pre><element name="eventRemarks" type="string"/></pre>