

EML - Bug #3523

declarations for units in spatialReference and spatialRaster are inconsistent

10/09/2008 04:32 PM - Margaret O'Brien

Status:	New	Start date:	10/09/2008
Priority:	Normal	Due date:	
Assignee:	Matt Jones	% Done:	0%
Category:	eml - general bugs	Estimated time:	0.00 hour
Target version:	Postpone	Spent time:	0.00 hour
Bugzilla-Id:	3523		

Description

In spatialReference.xsd and spatialRaster.xsd the use of units is inconsistent. eml-spatialReference.xsd defines 2 types which are lists of units, very similar to what is going on in the attribute and coverage schemas (see bug [#1019](#) comment [#4](#)).

```
<simpleType name="lengthUnits"> and  
<simpleType name="angleUnit">
```

each of which is an enumeration that includes a group units which are also in standardUnits, but as implied by the names, their lists are units of type length and angle, respectively. The types are used inconsistently:

```
eml-spatialReference.xsd:2215: <xs:element name="altitudeDistanceUnits" type="xs:string">
```

```
eml-spatialReference.xsd:2273: <xs:element name="depthDistanceUnits" type="xs:string">
```

```
eml-spatialReference.xsd:2386: <xs:element name="unit">
```

```
eml-spatialReference.xsd:2396: <xs:attribute name="name" type="angleUnits" use="required">
```

```
eml-spatialReference.xsd:2499: <xs:element name="unit">
```

```
eml-spatialReference.xsd:2508: <xs:attribute name="name" type="lengthUnits" use="required">
```

```
eml-spatialRaster.xsd 793: <xs:element name="waveLengthUnits" type="spref:lengthUnits" minOccurs="0">
```

History

#1 - 03/27/2013 02:23 PM - Redmine Admin

Original Bugzilla ID was 3523