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**Information technology — Multimedia  
content description interface —**

**Part 5:  
Multimedia description schemes**

**AMENDMENT 3: Improvements  
to geographic descriptor**

*Technologies de l'information — Interface de description du contenu  
multimédia —*

*Partie 5: Schémas de description multimédia*

*AMENDEMENT 3: Améliorations au descripteur géographique*

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Amendment 3 to ISO/IEC 15938-5:2003 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

This Amendment provides the ability to define a geographical position with one or more Points, the ability to provide an accuracy value related to the Points and the ability to define the type of GeographicPosition Point details.

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# Information technology — Multimedia content description interface —

## Part 5: Multimedia description schemes

### AMENDMENT 3: Improvements to geographic descriptor

*In 7.6.2.2, replace schema definition by the following schema text:*

```
<!-- ##### -->
<!-- Definition of Place DS (7.5.2) -->
<!-- ##### -->
<!-- Definition of Place DS -->
<complexType name="PlaceType">
  <complexContent>
    <extension base="mpeg7:DSType">
      <sequence>
        <element name="Name" type="mpeg7:TextualType"
          minOccurs="0" maxOccurs="unbounded"/>
        <element name="NameTerm" type="mpeg7:ControlledTermUseType"
          minOccurs="0" maxOccurs="unbounded"/>
        <element name="Role" type="mpeg7:TermUseType"
          minOccurs="0"/>
        <element name="GeographicPosition" minOccurs="0">
          <complexType>
            <sequence>
              <element name="Point" type="mpeg7:GeographicPointType"
                minOccurs="0" maxOccurs="unbounded"/>
            </sequence>
            <attribute name="datum" type="string" use="optional"/>
            <attribute name="accuracy" type="float" use="optional"/>
            <attribute name="type" use="optional" default="point">
              <simpleType>
                <restriction base="NMTOKEN">
                  <enumeration value="area"/>
                  <enumeration value="route"/>
                  <enumeration value="point"/>
                </restriction>
              </simpleType>
            </attribute>
          </complexType>
        </element>
        <element name="AstronomicalBody" type="mpeg7:TermUseType"
          minOccurs="0" maxOccurs="unbounded"/>
        <element name="Region" type="mpeg7:regionCode"
          minOccurs="0" maxOccurs="unbounded"/>
        <element name="AdministrativeUnit"
          minOccurs="0" maxOccurs="unbounded"/>
      </sequence>
    </extension>
  </complexContent>
</complexType>
```

```

    <complexType>
      <simpleContent>
        <extension base="string">
          <attribute name="type" type="string" use="optional"/>
        </extension>
      </simpleContent>
    </complexType>
  </element>
  <element name="PostalAddress" minOccurs="0">
    <complexType>
      <sequence>
        <element name="AddressLine" type="mpeg7:TextualType"
          minOccurs="1" maxOccurs="unbounded"/>
        <element name="PostingIdentifier" type="mpeg7:TextualType"
          minOccurs="0"/>
      </sequence>
      <attribute ref="xml:lang" use="optional"/>
    </complexType>
  </element>
  <element name="InternalCoordinates" type="string" minOccurs="0"/>
</sequence>
<attribute ref="xml:lang" use="optional"/>
</extension>
</complexContent>
</complexType>

```

In 7.6.2.3, after the definition for datum term and before the definition for Astronomical Body term, insert the definitions for the term “accuracy” and “type”, as follows:

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*Accuracy* Indicates the accuracy, in meters, of the GeographicPosition details.

*type* Indicates the type of GeographicPosition Details. The values for the type are defined as follows: Values include “Area”, “Point” or “Route”.

- *area* - The Points refer to an area. The last Point is related to the first Point in that if you join up the Points you have a complete area of interest
  - *route* – The Points refer to a route. The end Point bears no relation to the first Point, the points are in a sequence.
  - *point* – The Point refers to a particular Point.
- 

In 7.6.2.4, replace the entire text of the subclause with the following text:

#### 7.6.2.4 Place DS examples (informative)

The following example shows the use of Place DS for describing a shooting location. In this case, the place is a university in Madrid, Spain.