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

**Part 7:  
Conformance testing**

**AMENDMENT 4: Improvements  
to geographic descriptor conformance**

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*Technologies de l'information — Description de l'interface du contenu  
multimédia —*

*ISO/IEC 15938-7:2003/Amd 4:2008*

<https://standards.iteh.ai/en/standards/iso-iec-15938-7-2003-amd-4-2008>

*Partie 7: Essais de conformité*

*AMENDEMENT 4: Améliorations pour la conformité de descripteur  
géographique*

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## Foreword

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The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

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Amendment 4 to ISO/IEC 15938-7:2003 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

Amendment 4 to ISO/IEC 15938-7:2003 provides the ability for conformance testing of defined geographical positions with

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- a) a Point,
- b) an Area, and
- c) a Route,

including accuracy details.

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# Information technology — Multimedia content description interface —

## Part 7: Conformance testing

### AMENDMENT 4: Improvements to geographic descriptor conformance

Replace contents of xml file PlaceType\_001.xml with the content shown below:

```
<?xml version="1.0" encoding="iso-8859-1"?>
<!-- *****
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0d4dcd9e1295/iso-iec-15938-7-2003-amd-4-2008

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***** -->
<!-- ##### -->
<!-- ISO/IEC 15938 Information Technology - Multimedia Content Description Interface
-->
<!-- MPEG-7 Description Example developed by MPEG MDS Sub-group,
-->
<!-- ##### -->
<Mpeg7 xmlns="urn:mpeg:mpeg7:schema:2001" xmlns:xml="http://www.w3.org/XML/1998/namespace"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:mpeg7="urn:mpeg:mpeg7:schema:2001"
xsi:schemaLocation="urn:mpeg:mpeg7:schema:2001">
<DescriptionUnit xsi:type="PlaceType">
```

```

<Name xml:lang="en">Madrid</Name>
<Role>
  <Name>shooting location</Name>
</Role>
<GeographicPosition accuracy="0.5" type="point" datum="itrf">
  <Point longitude="135.75" latitude="35.5" altitude="100"/>
</GeographicPosition>
<Region>es-cam</Region>
<AdministrativeUnit type="city">Madrid</AdministrativeUnit>
<PostalAddress>
  <AddressLine>E.T.S.Ing. Telecommunication</AddressLine>
  <AddressLine>Universidad Politecnica de Madrid</AddressLine>
  <AddressLine>Ciudad Universitaria s/n</AddressLine>
  <PostingIdentifier>E-28040</PostingIdentifier>
</PostalAddress>
<InternalCoordinates>C-306</InternalCoordinates>
</DescriptionUnit>
</Mpeg7>

```

Addition of xml file PlaceType\_002.xml:

```

<?xml version="1.0" encoding="iso-8859-1"?>
<!-- *****

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***** -->
<!-- ***** -->
<!-- ISO/IEC 15938 Information Technology - Multimedia Content Description Interface
-->
<!-- MPEG-7 Description Example developed by MPEG MDS Sub-group,
-->
<!-- ***** -->
<Mpeg7 xmlns="urn:mpeg:mpeg7:schema:2001" xmlns:xml="http://www.w3.org/XML/1998/namespace"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:mpeg7="urn:mpeg:mpeg7:schema:2001"
xsi:schemaLocation="urn:mpeg:mpeg7:schema:2001">

```

```

<DescriptionUnit xsi:type="PlaceType">
  <Name xml:lang="en">Great Wall of China</Name>
  <GeographicPosition accuracy="1" datum="itrf" type="route">
    <Point longitude="37.7" latitude="107.5" altitude="100"/>
    <Point longitude="38.30" latitude="109.30" altitude="100"/>
    <Point longitude="40.46" latitude="117.52" altitude="100"/>
    <Point longitude="47.75" latitude="117.80" altitude="100"/>
  </GeographicPosition>
</DescriptionUnit>
</Mpeg7>

```

#### Addition of xml file PlaceType\_003.xml:

```

<?xml version="1.0" encoding="iso-8859-1"?>
<!-- *****

```

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```

***** -->
<!-- ##### -->
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-->
<!-- MPEG-7 Description Example developed by MPEG MDS Sub-group,
-->
<!-- ##### -->
<Mpeg7 xmlns="urn:mpeg:mpeg7:schema:2001" xmlns:xml="http://www.w3.org/XML/1998/namespace"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:mpeg7="urn:mpeg:mpeg7:schema:2001"
xsi:schemaLocation="urn:mpeg:mpeg7:schema:2001 ">
  <DescriptionUnit xsi:type="PlaceType">
    <Name xml:lang="en">Area surrounding St Guys Hospital </Name>
    <GeographicPosition accuracy="1" datum="itrf" type="area">
      <Point longitude="51.503587" latitude="-0.087290" altitude="100"/>
      <Point longitude="51.503594" latitude="-0.087247" altitude="100"/>
      <Point longitude="51.503594" latitude="-0.087236" altitude="100"/>
      <Point longitude="51.503587" latitude="-0.087247" altitude="100"/>
    </GeographicPosition>
  </DescriptionUnit>
</Mpeg7>

```

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