INTERNATIONAL STANDARD

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AMENDMENT 4
2008-04-15

Information technology — Multimedia content description interface —

Part 7: Conformance testing

AMENDMENT 4: Improvements to geographic descriptor conformance

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

Partie 7: Essais de conformité

AMENDEMENT 4: Améliorations pour la conformité de descripteur géographique

Reference number
ISO/IEC 15938-7:2003/Amd.4:2008(E)

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Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

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

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"?>
<!-- ********************************************************************************

    This XML document was originally developed in the course of development of the ISO/IEC
    15938 standard (MPEG-7). This XML document contains either a part of the MPEG-7 schema
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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">
```

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```
        <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 Politecnia 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">
```


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```
        <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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    ******************************************************************************** -->
    <!-- ################################################################################ -->
    <!--  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">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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