INTERNATIONAL STANDARD

ISO/IEC 15938-7

First edition
2003-12-01
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

Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work. In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

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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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
    implementation for one or more MPEG-7 tools as specified by the MPEG-7 Requirements or
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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 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"?>
<!-- **********************************************************************

    This XML document was originally developed in the course of development of the ISO/IEC
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    normative part should be used as the definitive specification.

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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">
```