



INTERNATIONAL STANDARD ISO/IEC 23005-3:2013
TECHNICAL CORRIGENDUM 1

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION
INTERNATIONAL ELECTROTECHNICAL COMMISSION • МЕЖДУНАРОДНАЯ ЭЛЕКТРОТЕХНИЧЕСКАЯ КОМИССИЯ • COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

Information technology — Media context and control —

Part 3:

Sensory information

TECHNICAL CORRIGENDUM 1

Technologies de l'information — Contrôle et contexte de supports —

Partie 3: Information sensorielle

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to ISO/IEC 23005-3:2013 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

Replace the original Annex B Schema documents by the following schema:

Annex B (informative)

Schema documents

B.1 Sensory effect description language schema

```
<?xml version="1.0"?>
<schema xmlns="http://www.w3.org/2001/XMLSchema" xmlns:sedl="urn:mpeg:mpeg-
v:2010:01-SEDL-NS" xmlns:mpeg7="urn:mpeg:mpeg7:schema:2004"
xmlns:si="urn:mpeg:mpeg21:2003:01-DIA-XSI-NS" xmlns:dia="urn:mpeg:mpeg21:2003:01-
DIA-NS" xmlns:ct="urn:mpeg:mpeg-v:2010:01-CT-NS" targetNamespace="urn:mpeg:mpeg-
v:2010:01-SEDL-NS" elementFormDefault="qualified"
attributeFormDefault="unqualified" version="ISO/IEC 23005-3" id="MPEG-V-
SEDL.xsd">
  <import namespace="urn:mpeg:mpeg7:schema:2004"
schemaLocation="http://standards.iso.org/ittf/PubliclyAvailableStandards/MPEG-
7_schema_files/mpeg7-v2.xsd"/>
  <import namespace="urn:mpeg:mpeg21:2003:01-DIA-XSI-NS"
schemaLocation="http://standards.iso.org/ittf/PubliclyAvailableStandards/MPEG-
21_schema_files/dia-2nd/XSI-2nd.xsd"/>
  <import namespace="urn:mpeg:mpeg21:2003:01-DIA-NS"
schemaLocation="http://standards.iso.org/ittf/PubliclyAvailableStandards/MPEG-
21_schema_files/dia-2nd/UED-2nd.xsd"/>
  <import namespace="urn:mpeg:mpeg-v:2010:01-CT-NS" schemaLocation="MPEG-V-
CT.xsd"/>
  <!-- ##### -->
  <!-- SEM Base Attributes -->
  <!-- ##### -->
  <attributeGroup name="SEMBaseAttributes">
    <attribute name="activate" type="boolean" use="optional"/>
    <attribute name="duration" type="positiveInteger" use="optional"/>
    <attribute name="fade" type="positiveInteger" use="optional"/>
    <attribute name="alt" type="anyURI" use="optional"/>
    <attribute name="priority" type="positiveInteger" use="optional"/>
    <attribute name="location" type="mpeg7:termReferenceType" use="optional"/>
    <attributeGroup ref="sedl:SEMAadaptabilityAttributes"/>
  </attributeGroup>
  <simpleType name="intensityValueType">
    <restriction base="float"/>
  </simpleType>
  <simpleType name="intensityRangeType">
    <restriction>
      <simpleType>
        <list itemType="float"/>
      </simpleType>
      <length value="2" fixed="true"/>
    </restriction>
  </simpleType>
  <!-- ##### -->
  <!-- SEM Adaptability Attributes -->
  <!-- ##### -->
  <attributeGroup name="SEMAadaptabilityAttributes">
    <attribute name="adaptType" type="sedl:adaptTypeType" use="optional"/>
  </attributeGroup>
</schema>
```

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        <attribute name="adaptRange" type="sedl:adaptRangeType" use="optional"
default="10"/>
    </attributeGroup>
    <simpleType name="adaptTypeType">
        <restriction base="NMTOKEN">
            <enumeration value="strict"/>
            <enumeration value="under"/>
            <enumeration value="over"/>
            <enumeration value="both"/>
        </restriction>
    </simpleType>
    <simpleType name="adaptRangeType">
        <restriction base="unsignedInt">
            <minInclusive value="0"/>
            <maxInclusive value="100"/>
        </restriction>
    </simpleType>
    <!-- ##### -->
    <!-- SEM Base Elements -->
    <!-- ##### -->
    <element name="Declarations" type="sedl:DeclarationsType"/>
    <element name="GroupOfEffects" type="sedl:GroupOfEffectsType"/>
    <element name="Effect" type="sedl:EffectBaseType"/>
    <element name="ReferenceEffect" type="sedl:ReferenceEffectType"/>
    <element name="Parameter" type="sedl:ParameterBaseType"/>
    <!-- ##### -->
    <!-- SEM Base type -->
    <!-- ##### -->
    <complexType name="SEMBaseType" abstract="true">
        <complexContent>
            <restriction base="anyType">
                <attribute name="id" type="ID" use="optional"/>
            </restriction>
        </complexContent>
    </complexType>
    <!-- ##### -->
    <!-- Definition of the SEM root element -->
    <!-- ##### -->
    <element name="SEM">
        <complexType>
            <sequence>
                <element name="DescriptionMetadata"
type="sedl:DescriptionMetadataType" minOccurs="0" maxOccurs="1"/>
                <choice maxOccurs="unbounded">
                    <element ref="sedl:Declarations"/>
                    <element ref="sedl:GroupOfEffects"/>
                    <element ref="sedl:Effect"/>
                    <element ref="sedl:ReferenceEffect"/>
                </choice>
            </sequence>
            <anyAttribute namespace="##other" processContents="lax"/>
        </complexType>
    </element>
    <!-- ##### -->
    <!-- Definition of Description Metadata Type -->
    <!-- ##### -->
    <complexType name="DescriptionMetadataType">
        <complexContent>
            <extension base="mpeg7:DescriptionMetadataType">
                <sequence>

```

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        <element name="ClassificationSchemeAlias" minOccurs="0"
maxOccurs="unbounded">
            <complexType>
                <complexContent>
                    <extension base="sedl:SEMBaseType">
                        <attribute name="alias" type="NMTOKEN"
use="required"/>
                        <attribute name="href" type="anyURI"
use="required"/>
                    </extension>
                </complexContent>
            </complexType>
        </element>
    </sequence>
</extension>
</complexContent>
</complexType>
<!-- ##### -->
<!-- Declarations type -->
<!-- ##### -->
<complexType name="DeclarationsType">
    <complexContent>
        <extension base="sedl:SEMBaseType">
            <choice maxOccurs="unbounded">
                <element ref="sedl:GroupOfEffects"/>
                <element ref="sedl:Effect"/>
                <element ref="sedl:Parameter"/>
            </choice>
        </extension>
    </complexContent>
</complexType>
<!-- ##### -->
<!-- Group of Effects type -->
<!-- ##### -->
<complexType name="GroupOfEffectsType">
    <complexContent>
        <extension base="sedl:SEMBaseType">
            <choice minOccurs="2" maxOccurs="unbounded">
                <element ref="sedl:Effect"/>
                <element ref="sedl:ReferenceEffect"/>
            </choice>
            <attributeGroup ref="sedl:SEMBaseAttributes"/>
            <anyAttribute namespace="##other" processContents="lax"/>
        </extension>
    </complexContent>
</complexType>
<!-- ##### -->
<!-- Effect base type -->
<!-- ##### -->
<complexType name="EffectBaseType" abstract="true">
    <complexContent>
        <extension base="sedl:SEMBaseType">
            <sequence minOccurs="0">
                <element name="SupplementalInformation"
type="sedl:SupplementalInformationType" minOccurs="0"/>
            </sequence>
            <attribute name="autoExtraction" type="sedl:autoExtractionType"/>
            <attributeGroup ref="sedl:SEMBaseAttributes"/>
            <anyAttribute namespace="##other" processContents="lax"/>
        </extension>
    </complexContent>

```