



INTERNATIONAL STANDARD ISO/IEC 23008-11:2015
TECHNICAL CORRIGENDUM 1

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION
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**Information technology — High efficiency coding and media
delivery in heterogeneous environments —**

Part 11:

MPEG media transport composition information

TECHNICAL CORRIGENDUM 1

*Technologies de l'information — Codage à haute efficacité et livraison des médias dans des environnements
hétérogènes —*

Partie 11: Informations de composition pour le transport des médias MPEG

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to ISO/IEC 23008-11:2015 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 content of 5.4.5.1 with

The **MediaSync** element is a child element of the **CI** element. It provides temporal information for the corresponding media elements of the HTML5 document. The CI document assigns media sources (such as an MMT Asset, MPU, or a DASH MPD) to be played by a particular HTML5 media element at the indicated begin time. A MediaSync element may assign multiple source lists of different types to the same HTML5 media element, in which case these sources are to be played back simultaneously by the media element. Each sourceList element provides a source list for a particular media component and is identified by a unique id value. If the playback time of one MediaSync element overlaps with that of the previous MediaSync element for the referenced HTML5 media element, then the media source for the overlapping components (sharing the same id) shall be replaced using the information from the MediaSync element with the latest begin time.

Replace the content of 5.4.5.2 with

```

<!-- mpegci:MediaSync Type -->
<xsd:complexType name="MediaSyncType">
  <xsd:sequence>
    <xsd:element name="sourceList" type="sourceListType" minOccurs="0"
maxOccurs="unbounded"/>
  </xsd:sequence>
  <xsd:attribute name="begin" type="beginType" default="0s"/>
  <xsd:attribute name="end" type="endType" default="indefinite"/>
  <xsd:attribute name="dur" type="durType"/>
  <xsd:attribute name="clipBegin" type="clipBeginType" default="0s"/>
  <xsd:attribute name="clipEnd" type="clipEndType" default="indefinite"/>
  <xsd:attribute name="refId" type="refIdType"/>
  <xsd:attribute name="type" type="xsd:token" fixed="simple"/>
  <xsd:attribute name="href" type="xlink:hrefType"/>

  <xsd:attribute name="actuate" type="xlink:actuateType"/>
</xsd:complexType>
<!-- mpegci:sourceList Type -->

```

Replace the content of 5.4.5.3 with

The **MediaSync** element includes following attributes:

- *begin*: defined in sub-clause 5.3.1 of this specification.
- *end*: defined in sub-clause 5.3.2 of this specification.
- *dur*: defined in sub-clause 5.3.3 of this specification.
- *clipBegin*: defined in sub-clause 5.3.4 of this specification.
- *clipEnd*: defined in sub-clause 5.3.5 of this specification.
- *refId*: defined in sub-clause 5.3.12 of this specification.
- *xlink:type*: fixed “simple”.
- *xlink:href*: defined in sub-clause 5.3.8 of this specification.
- *xlink:actuate*: defined in sub-clause 5.3.9 of this specification.

Replace the content of 5.4.6.1 with

The **sourceList** element is a child element of the **MediaSync** element. It provides the list of sources to be presented by the referenced HTML5 media element. Each sourceList element shall have a unique identifier that identifies the media component to which the sources pertain.

A sourceList element provides one or more mediaSrc elements, which should be considered as alternative sources for the same component. A receiver should play only one mediaSrc element out of a sourceList for playback.

Replace the content of 5.4.6.2 with

```
<!-- mpegci:sourceList Type -->
<xsd:complexType name="mmtci:sourceListType">
  <xsd:sequence>
    <xsd:element name="mediaSrc" type="mmtci:mediaSrcType" maxOccurs="unbounded"/>
  </xsd:sequence>
  <xsd:attribute name="componentId" type="xsd:string"/>
</xsd:complexType>
```

Replace the content of 5.4.6.3 with

The **sourceList** element includes following attributes:

- *mediaSrc*: defined in sub-clause 5.3.13 of this specification.
- *mimeType*: provides the MIME type of the media data
- *isDependent*: defined in sub-clause 5.3.10 of this specification.
- *depId*: defined in sub-clause 5.3.11 of this specification.
- *componentId*: provides a unique identifier for the media component to which the media source list pertains. As an example, a video component of a service is identified as the “mainVideo” component.