INTERNATIONAL STANDARD ISO/IEC 21000-15:2006
TECHNICAL CORRIGENDUM 1

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INTERNATIONAL ELECTROTECHNICAL COMMISSION • МЕЖДУНАРОДНАЯ ЭЛЕКТРОТЕХНИЧЕСКАЯ КОМИССИЯ • COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

Information technology — Multimedia framework (MPEG-21) —

Part 15:
Event Reporting

TECHNICAL CORRIGENDUM 1

Technologies de l'information — Cadre multimédia (MPEG-21) —

Partie 15: Rapport d'événement

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to ISO/IEC 21000-15:2006 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

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In Clause 3, replace:

3.4
Event Report
the representation of an Event(s) as specified by the related Event Report Request

with:

3.4
Event Report
the representation of (an) Event(s)

NOTE An Event Report may be provided as specified by the related Event Report Request or as specified within the specification that adopts this part of ISO/IEC 21000.

EXAMPLE A specification that adopts this part of ISO/IEC 21000 might specify the information assets usually provided within an Event Report Request.

In 5.2, replace:

```
   xmlns:dip="urn:mpeg:mpeg21:2005:01-ERL-NS"
```

with:

```
   xmlns:erl="urn:mpeg:mpeg21:2005:01-ERL-NS"
```

In 5.3, add the following entry to Table 1:

Erl	urn:mpeg:mpeg21:2005:01-ERL-NS

In 7.2.1, replace:

```
<xsd:element name="ERR">

<xsd:complexType>
  <xsd:sequence>
    <xsd:element ref="erl:ERRDescriptor"/>
    <xsd:element ref="erl:ERSpecification"/>
    <xsd:element ref="erl:EventConditionDescriptor"/>
  </xsd:sequence>
</xsd:complexType>
```


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with:

```
<xsd:element name="ERR" type="ERRType">

<xsd:complexType name="ERRType">
  <xsd:sequence>
    <xsd:element ref="erl:ERRDescriptor"/>
    <xsd:element ref="erl:ERSpecification"/>
    <xsd:element ref="erl:EventConditionDescriptor"/>
  </xsd:sequence>
</xsd:complexType>
```

In 8.2.1, replace:

```
<!-- ######################################### -->
<!--       Definition of ER                    -->
<!-- ######################################### -->

<xsd:element name="ER">
<xsd:complexType>
  <xsd:sequence>
    <xsd:element ref="erl:ERDescriptor"/>
    <xsd:element ref="erl:ERData"/>
    <xsd:element ref="erl:EmbeddedERR" minOccurs="0" maxOccurs="unbounded"/>
  </xsd:sequence>
</xsd:complexType>
```

with:

```
<!-- ######################################### -->
<!--       Definition of ER                    -->
<!-- ######################################### -->

<xsd:element name="ER" type="erl:ERType">
<xsd:complexType name="erl:ERType">
  <xsd:sequence>
    <xsd:element ref="erl:ERDescriptor"/>
    <xsd:element ref="erl:ERData" maxOccurs="unbounded"/>
    <xsd:element ref="erl:EmbeddedERR" minOccurs="0" maxOccurs="unbounded"/>
  </xsd:sequence>
</xsd:complexType>
```

In 8.3.1, replace:

```
<!-- ######################################### -->
<!--   Definition of Event Report Descriptor  -->
<!-- ######################################### -->

<xsd:element name="ERDescriptor">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="Description" type="erl:DescriptionType" minOccurs="0"/>
      <xsd:element name="Recipient" type="erl:RecipientType"/>
      <xsd:element name="Status">
        <xsd:complexType>
          <xsd:attribute name="value" type="xsd:boolean" default="false"/>
```

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```
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="Modification" type="erl:ModificationType" minOccurs="1"
maxOccurs="unbounded"/>
    <xsd:element name="ERSource" maxOccurs="1">
      <xsd:complexType>
       <xsd:choice minOccurs="1">
         <xsd:element ref="erl:ERR" minOccurs="0"/>
         <xsd:element name="ERRReference" type="xsd:anyURI" minOccurs="0"/>
         <xsd:element name="OtherSource" type="xsd:anyURI" minOccurs="0"/>
       </xsd:choice>
      </xsd:complexType>
    </xsd:element>    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

with:

```
<!-- ######################################## -->
<!--   Definition of Event Report Descriptor  -->
<!-- ######################################## -->

<xsd:element name="ERDescriptor">
  <xsd:complexType>
   <xsd:sequence>
    <xsd:element name="Description" type="erl:DescriptionType" minOccurs="0"/>
    <xsd:element name="Recipient" type="erl:RecipientType"/>
    <xsd:element ref="erl:ERPayloadSpecification" minOccurs="0"
maxOccurs="unbounded"/>
    <xsd:element name="Status">
      <xsd:complexType>
       <xsd:attribute name="value" type="xsd:boolean" default="false"/>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="Modification" type="erl:ModificationType" minOccurs="1"
maxOccurs="unbounded"/>
    <xsd:element name="ERSource" maxOccurs="1">
      <xsd:complexType>
       <xsd:choice minOccurs="1">
         <xsd:element ref="erl:ERR" minOccurs="0"/>
         <xsd:element name="ERRReference" type="xsd:anyURI" minOccurs="0"/>
         <xsd:element name="OtherSource" type="xsd:anyURI" minOccurs="0"/>
       </xsd:choice>
      </xsd:complexType>
    </xsd:element>    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

In 8.3.2, append the following row at the end of the table:

ERPayloadSpecification	Provides a specification of the ER. NOTE Enables a receiver of the ER to parse the ER and extract the relevant information without sending an explicit ER-R.

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In 8.4.1, replace:

```
<!-- ########################################### -->
<!--   Definition of ERData                  -->
<!-- ########################################### -->

<xsd:element name="ERData">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element ref="erl:PeerId" minOccurs="0"/>
      <xsd:element ref="erl:UserId" minOccurs="0"/>
      <xsd:element name="Time" type="xsd:dateTime" minOccurs="0"/>
      <xsd:element name="Location" type="mpeg7:PlaceType" minOccurs="0"/>
      <xsd:element name="DII" type="xsd:anyURI" minOccurs="0">
      <xsd:element name="RelatedDII" type="xsd:anyURI" minOccurs="0">
      <xsd:element name="DIOperation" type="xsd:anyURI" minOccurs="0">
      <xsd:element name="ReportedDomainData" minOccurs="0" maxOccurs="unbounded">
        <xsd:complexType>
          <xsd:sequence>
            <xsd:any namespace="##any" processContents="lax"
maxOccurs="unbounded"/>
          </xsd:sequence>
          <xsd:attribute name="semantics" type="xsd:string"/>
        </xsd:complexType>
      </xsd:element>
      <xsd:element name="ReportedDIMetadata" minOccurs="0" maxOccurs="unbounded">
        <xsd:complexType>
          <xsd:sequence>
            <xsd:any namespace="##any" processContents="lax"
maxOccurs="unbounded"/>
          </xsd:sequence>
          <xsd:attribute name="name" type="xsd:string"/>
        </xsd:complexType>
      </xsd:element>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

with:

```
<!-- ########################################### -->
<!-- 8.3 Definition of ERData                  -->
<!-- ########################################### -->
<xsd:element name="ERData">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element ref="erl:PeerId" minOccurs="0"/>
        <xsd:element ref="erl:UserId" minOccurs="0"/>
        <xsd:element name="Time" type="xsd:dateTime" minOccurs="0"/>
        <xsd:element name="Location" type="mpeg7:PlaceType" minOccurs="0"/>
        <xsd:element name="DII" type="xsd:anyURI" minOccurs="0"/>
        <xsd:element name="RelatedDII" type="xsd:anyURI" minOccurs="0"/>
        <xsd:element name="DIOperation" type="xsd:anyURI" minOccurs="0"/>
        <xsd:element name="ReportedDomainData" minOccurs="0"
maxOccurs="unbounded">
          <xsd:complexType>
            <xsd:sequence>
```

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```
          <xsd:any namespace="##any" processContents="lax"
maxOccurs="unbounded"/>
         </xsd:sequence>
         <xsd:attribute name="name" type="xsd:string"/>
        </xsd:complexType>
       </xsd:element>
       <xsd:element name="ReportedDIMetadata" minOccurs="0"
maxOccurs="unbounded">
        <xsd:complexType>
         <xsd:sequence>
          <xsd:any namespace="##any" processContents="lax"
maxOccurs="unbounded"/>
         </xsd:sequence>
         <xsd:attribute name="name" type="xsd:string"/>
        </xsd:complexType>
       </xsd:element>
     </xsd:sequence>
     <xsd:attribute name="idData" type="xsd:string"/>
   </xsd:complexType>
 </xsd:element>
```

In 8.4.2, append the following row after the ERData row of the table:

`idData`	An attribute that identifies the data reported by a peer or user in an ER.

In 9.8.1, replace:

```
<!-- Definition of ModificationType -->

<xsd:complexType name="ModificationType">
  <xsd:sequence>
    <xsd:element ref="erl:PeerId"/>
    <xsd:element ref="erl:UserId"/>
    <xsd:element name="Time" type="xsd:dateTime"/>
    <xsd:element name="Description" type="erl:DescriptionType" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

with:

```
  <xsd:complexType name="ModificationType">
    <xsd:sequence>
      <xsd:element ref="erl:PeerId"/>
      <xsd:element ref="erl:UserId"/>
      <xsd:element name="Time" type="xsd:dateTime"/>
      <xsd:element name="Description" type="erl:DescriptionType" minOccurs="0"/>
    </xsd:sequence>
    <xsd:attribute name="idDataRef" type="xsd:string"/>
  </xsd:complexType>
```

In 9.8.2, append the following row after the ModificationType row of the table:

`idDataRef`	An attribute that references to the data reported by the peer or user that has modified or created the ER. NOTE The value of this attribute shall be equal to the value of the idData

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