INTERNATIONAL STANDARD ISO/IEC 14496-15:2004
TECHNICAL CORRIGENDUM 2

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Information technology — Coding of audio-visual objects —

Part 15:
Advanced Video Coding (AVC) file format

TECHNICAL CORRIGENDUM 2

Technologies de l'information — Codage des objets audiovisuels —

Partie 15: Format de fichier de codage vidéo avancé (AVC)

RECTIFICATIF TECHNIQUE 2

Technical Corrigendum 2 to ISO/IEC 14496-15:2004 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information.*

In subclause 5.1, update the following definitions as indicated:

- **Video Elementary Streams** shall contain all video coding related NAL units (i.e. those NAL units containing video data or signaling video structure) and may contain non-video coding related NAL units such as SEI messages and access unit delimiter NAL units. Other NAL units that are not expressly prohibited may be present, and if they are unrecognized should be ignored (e.g. not placed in the output buffer while accessing the file).

- **Parameter set elementary streams** shall not contain video coding related NAL units (i.e. those NAL units containing video data or signalling video structure), and would normally contain only sequence parameter sets, picture parameter sets and sequence parameter set extension NAL units.

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In Table 1, update the following rows as indicated:

Value of nal_unit_type	Description	Video elementary stream	Parameter set elementary stream
6	Supplemental enhancement information(SEI) sei_rbsp( )	Yes. Except for the Sub-sequence, layering or Filler SEI messages	Only 'declarative' SEIs should be present
14-18	Reserved	Not specified by this part of ISO/IEC 14496	Not specified by this part of ISO/IEC 14496
20 – 23	Reserved	Not specified by this part of ISO/IEC 14496	Not specified by this part of ISO/IEC 14496
24 – 31	Unspecified	Not specified by this part of ISO/IEC 14496	Not specified by this part of ISO/IEC 14496

In 5.2.4.1, add the following paragraph at the end:

The array of sequence parameter sets, and the array of picture parameter sets, may contain SEI messages of a 'declarative' nature, that is, those that provide information about the stream as a whole. An example of such an SEI is a user-data SEI. Such SEIs may also be placed in a parameter set elementary stream. If these arrays or the parameter set elementary stream contain unrecognized NAL units, they should be ignored.

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