INTERNATIONAL STANDARD ISO/IEC 14496-4:2004/Amd.6:2005
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 — Coding of audio-visual objects —

Part 4:
Conformance testing

AMENDMENT 6: Advanced Video Coding conformance

TECHNICAL CORRIGENDUM 1

Technologies de l'information — Codage des objets audiovisuels —

Partie 4: Essai de conformité

AMENDEMENT 6: Conformité de codage vidéo avancé

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to ISO/IEC 14496-4:2004/Amd.6:2005 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

Replace:

10.6.6.1.8 Test bitstream #AVCBA-7, #AVCBA-8

Specification: All slices are coded as I or P slices. Each picture contains only one slice. entropy_coding_mode_flag is equal to 0, specifying the CAVLC parsing process. pic_order_cnt_type is equal to 2. Macroblock/sub-macroblock partition size is limited to 8x8 and above. All NAL units are encapsulated into the byte stream format specified in Annex B in ITU-T Rec. H.264 | ISO/IEC 14496-10.
Functional stage: Decoding of P slices with the deblocking filter process enabled.
Purpose: Check that the decoder can properly decode P slices with the deblocking filter process enabled.

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with:

10.6.6.1.8 Test bitstream #AVCBA-7, #AVCBA-8

10.6.6.1.8.1 Test bitstream #AVCBA-7

Specification: All slices are coded as I or P slices. Each picture contains more than one slice. entropy_coding_mode_flag is equal to 0, specifying the CAVLC parsing process. pic_order_cnt_type is equal to 2. Macroblock/sub-macroblock partition size is limited to 8x8 and above. All NAL units are encapsulated into the byte stream format specified in Annex B in ITU-T Rec. H.264 | ISO/IEC 14496-10.
Functional stage: Decoding of P slices with the deblocking filter process enabled.
Purpose: Check that the decoder can properly decode P slices with the deblocking filter process enabled.

10.6.6.1.8.2 Test bitstream #AVCBA-8

Specification: All slices are coded as I or P slices. Each picture contains only one slice. entropy_coding_mode_flag is equal to 0, specifying the CAVLC parsing process. pic_order_cnt_type is equal to 2. Macroblock/sub-macroblock partition size is limited to 8x8 and above. All NAL units are encapsulated into the byte stream format specified in Annex B in ITU-T Rec. H.264 | ISO/IEC 14496-10.
Functional stage: Decoding of P slices with the deblocking filter process enabled.
Purpose: Check that the decoder can properly decode P slices with the deblocking filter process enabled.

In Table AMD9-1, replace the following rows:

	AVCBS-5	Motorola	cavlc_mot_frm0_full_B		X	X	2.2 and higher	29.97
	AVCCABA-8	Motorola	cabac_mot_frm0_full			X	2.2 and higher	29.97

with:

	AVCBS-5	Motorola	cavlc_mot_frm0_full_B		X	X	3.0 and higher	29.97
	AVCCABA-8	Motorola	cabac_mot_frm0_full			X	3.0 and higher	29.97

Replace the following bitstreams with the electronic attachments to this Technical Corrigendum:

BA1_FT_C
BA1_Sony_D
BA2_Sony_F
BAMQ1_JVC_C
BAMQ2_JVC_C
BANM_MW_D
BASQP1_Sony_C
cabac_mot_fld0_full
cabac_mot_frm0_full
cabac_mot_mbaff0_full
cabac_mot_picaff0_full
cama1_vtc_c
cama2_vtc_b
cama3_vtc_b
CAMP_MOT_MBAFF_L30
CAMP_MOT_MBAFF_L31
CAPCM1_Sand_E

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