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AMENDMENT 6
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Information technology — Coding of audio-visual objects —

Part 5: Reference software

AMENDMENT 6: Advanced Video Coding (AVC) and High Efficiency Advanced Audio Coding (HE AAC) reference software

Technologies de l'information — Codage des objets audiovisuels —

Partie 5: Logiciel de référence

AMENDEMENT 6: Logiciel de reference pour le codage visuel avancé (AVC) et le codage audio avancé de rendement élevé

Reference number
ISO/IEC 14496-5:2001Amd.6:2005(E)

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Amendment 6 to ISO/IEC 14496-5:2001 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

This amendment specifies reference software for advanced video coding (AVC) and high-efficiency advanced audio coding (HE AAC). The AVC reference software is made available as a new directory "jm_86" in the video/natural reference software archive. The HE AAC reference software is made available as a revision of the entire audio reference software archive.

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Information technology — Coding of audio-visual objects —

Part 5: Reference software

AMENDMENT 6: Advanced Video Coding (AVC) and High Efficiency Advanced Audio Coding (HE AAC) reference software

Replace clause 3 with:

3 Audio reference software

Location	Content
audio/natural/mp4AudVm_Rewrite	Natural audio decoder
audio/natural/mp4mcDec	Decoder for multichannel t/f streams
audio/natural/epTool	Error protection decoder extension
audio/SNHC/mpeg4sa	Structured audio decoder
audio/SNHC/mpeg4ac	Audio composition software
audio/SNHC/mpeg4ttsi	Text to speech decoder

Replace clause 4 with:

4 Visual reference software

Location	Content
video/natural/MoMuSys -1.0-001220_sony	Natural video decoder in C
video/natural/microsoft -2.3-001213	Natural video decoder in C++
video/snhc/FBA_V2	Face and body animation decoder

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video/snhc/m3d20010209	3D mesh decoder integrated by Samsung
video/snhc/Dct	DCT-based FAP decoder
video/snhc/Fit	FIT decoder
video/snhc/Fit_liu	FIT decoder
video/snhc/Ist/codec	FAP decoder
video/snhc/Mesh2D	Dynamic 2D mesh geometry and motion decoding
video/snhc/rockwell_epfl_v18	FAP decoder
video/snhc/rockwell_vds2	View-dependent texture decoding with back channel
video/natural/microsoft–vtc-update	Visual Texture encoder in C++
video/natural/jm_86/ldecod	AVC Joint Model (reference 8.6): visual decoder in C

Replace A.1 with:

A.1 Audio encoding software

Location	Content
audio/natural/mp4AudVm	Natural audio encoder
audio/natural/mp4mcEnc	Encoder for multichannel t/f streams
audio/natural/epTool	Error protection encoder extension
audio/natural/aacErrRobTrans	Transcoder for error robust AAC
audio/SNHC/mpeg4sa	Structured audio encoder
audio/SNHC/mpeg4ttsi	Text to speech encoder

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Replace A.2 with:

A.2 Visual encoding software

Location	Content
video/natural/MoMuSys -1.0-001220_sony	Natural video encoder in C
video/natural/microsoft -2.3-001213	Natural video encoder in C++
video/snhc/FBA_V2	Face and body animation encoder by EPFL
video/snhc/m3d20010209	3D mesh encoder integrated by Samsung
video/snhc/DCT	DCT-based FAP encoder
video/snhc/FIT	FIT encoder
video/snhc/fit_liu	FIT encoder
video/snhc/IST/codec	FAP encoder
video/snhc/Mesh2D	Dynamic 2D mesh geometry and motion encoding
video/snhc/rockwell_epfl_v18	FAP encoder
video/snhc/rockwell_vds2	View-dependent texture encoding with back channel
video/natural/microsoft–vtc-update	Visual Texture encoder in C++
video/natural/jm_86/lencod	AVC Joint Model (reference 8.6): visual encoder in C

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Replace B.1 with:

B.1 Audio utility software

Location	Content
audio/natural/conf_*	Tools for audio conformance
audio/natural/errGen	Error generator

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