INTERNATIONAL STANDARD ISO/IEC 23000-9:2008/Amd.1:2010
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 — Multimedia application format (MPEG-A) —

Part 9:
Digital Multimedia Broadcasting application format

AMENDMENT 1: Conformance and reference software

TECHNICAL CORRIGENDUM 1

Technologies de l'information — Format pour application multimédia (MPEG-A) —

Partie 9: Format pour application de diffusion générale multimédia numérique

AMENDEMENT 1: Logiciel de référence et conformité

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to ISO/IEC 23000-9:2008/Amd.1:2010 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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Full document details: ISO_IEC 23000-9_2008_Amd 1_2010_Cor 1_2011

Replace the conformance files and the reference software attached to ISO/IEC 23000-9:2008/Amd.1:2010 with the corresponding ones attached to this one.

In 8.5, replace the description tables for the conformance files 01, 03 04, 05, 09, and 12 with the following:

File name		**01_T-DMB-1_TS_r1.dmb**
Description		a music show program (T-DMB Profile 1) with descriptive metadata and caption text
Major brand		dv1b
Compatible brands		dmb1, dv1a
Components Inside the file	An MPEG-2 TS (containing ER-BSAC and AVC)	- stored as an 'rm2t' hint track
	A DID XML (containing TVA and REL)	- each image is stored as an item - a TVA for content description and segment information - a REL for defining a simple license
	14 JPEG images related to TVA	- a program title image - a segment group title image - 12 segment title images
	A 3GPP-TT stream	- caption text for the program

File name		**03_T-DMB-1_BIFS(TS)_r1.dmb**
Description		a golf program with BIFS multiplexed in TS (T-DMB Profile 1)
Major brand		dv1a
Compatible brands		dmb1, dv1b
Components Inside the file	An MPEG-2 TS (containing ER-BSAC, AVC, OD, BIFS and JPEG images)	- stored as an 'rm2t' hint track

File name		**04_T-DMB-1_BIFS(ES)_r1.dmb**
Description		a golf program with BIFS in a separate track
Major brand		dv1a
Compatible brands		dmb1, dv1b, avc1, mp42
Components Inside the file	AVC, ER-BSAC, OD, BIFS and JPEG images	- each stream is stored as a separate track - AVC as MP4VisualSampleEntry('mp4v') - ER-BSAC as MP4AudioSampleEntry('mp4a') - IOD as ObjectDescriptorBox('iods') - OD as MpegSampleEntry('mp4s') - BIFS as MpegSampleEntry('mp4s') - JPEG as MP4VisualSampleEntry('mp4v')

File name		**05_T-DMB-1_IPMP(TS)_r1.dmb**
Description		the same as file '01'
Major brand		dv1b
Compatible brands		dmb1
Components Inside the file	An MPEG-2 TS (containing ER-BSAC and AVC)	- stored as an 'rm2t' hint track (the same TS as is in the conformance file 01). - the TS is encrypted with AES-128 CTR (key: "key1")
	A DID XML (containing TVA, REL and IPMP)	- a TVA for content description and segment information (the same TVA as is in the conformance file 01) - an REL for defining a simple license (the same TVA as in the conformance file 01) - a IPMP for describing the protection tool
	14 JPEG images related to TVA	- each image is stored as an item - a program title image - a segment group title image - 12 segment title images (one of the images is protected with the same tool and key as for the TS)

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