INTERNATIONAL STANDARD ISO/IEC 14496-4:2004
TECHNICAL CORRIGENDUM 3

Published 2006-10-01

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

TECHNICAL CORRIGENDUM 3

Technologies de l'information — Codage des objets audiovisuels —

Partie 4: Essai de conformité

RECTIFICATIF TECHNIQUE 3

Technical Corrigendum 3 to ISO/IEC 14496-4:2004 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information.*

Replace the following table in subclause 8.5.5.2.2:

Name	Provider	Content	Original wrl file
WS_CHG	France Telecom R & D	WaveletSubdivisionSurface with complete spatial encoding, same quantization for each component and global coordinates for wavelet coefficients.	WS_CHG.wrl
WS_PNHL	France Telecom R & D	WaveletSubdivisionSurface with partial spatial encoding, different quantization for each component and local coordinates for wavelet coefficients.	WS_PNHL.wrl

ICS 35.040 **Ref. No. ISO/IEC 14496-4:2004/Cor.3:2006(E)**

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with:

Model name	Provider	In/Out-band	Complete/ Partial	Global/Local	Quantisation	Bitstream
bunny	UPM	I	C	G (x, y, z)	(10, 10, 10)	bunny_ICG101010.mp4
					(10, 09, 08)	bunny_ICG100908.mp4
				L (n, t_1, t_2)	(10, 10, 10)	bunny_ICL101010.mp4
					(10, 09, 08)	bunny_ICL100908.mp4
venus	UPM	O	C	G (x, y, z)	(10, 10, 10)	venus_OCG101010.mp4
					(10, 09, 08)	venus_OCG100908.mp4
				L (n, t_1, t_2)	(10, 10, 10)	venus_OCL101010.mp4
					(10, 09, 08)	venus_OCL100908.mp4
bunny	France Telecom R&D	I	P	G (x, y, z)	(10, 10, 10)	bunny_IPG101010.mp4
					(10, 09, 08)	bunny_IPG100908.mp4
				L (n, t_1, t_2)	(10, 10, 10)	bunny_IPL101010.mp4
					(10, 09, 08)	bunny_IPL100908.mp4
venus	France Telecom R&D	O	P	G (x, y, z)	(10, 10, 10)	venus_OPG101010.mp4
					(10, 09, 08)	bunny_OPG100908.mp4
				L (n, t_1, t_2)	(10, 10, 10)	venus_OPL101010.mp4
					(10, 09, 08)	venus_OPL100908.mp4

The name of all bitstreams follow the pattern "*modelName*_$A_1A_2A_3N_1N_2N_3$.mp4", where:

- *modelName* is either "bunny" or "venus", the corresponding 3D model being, respectively, the well-known bunny from the Stanford 3D scanning repository or the also classical venus head;
- A_1 is either "I" or "O", standing respectively for In-band or Out-band stream;
- A_2 is either "C" or "P", indicating respectively an either Complete or Partial spatial coding of the wavelet coefficient tree forest;
- A_3 is either "G" or "L", meaning respectively that the coordinate frame for the 3D details is either Global (and hence the coordinates are x, y and z) or Local (and hence the coordinates are n, t_1 and t_2);
- N_1, N_2 and N_3 are integers between 8 and 10 (printed with two digits) reflecting the number of bits devoted to the quantisation of the first, second and third coordinate, respectively.

For instance, "bunny_ICG100908.mp4" is the WaveletSubdivisionSurface representation of the bunny model in an in-band stream with complete spatial encoding, global coordinates, and different quantisation for different components (10 for x, 9 for y and 8 for z).

Replace the directory "AFX Conformance Bitstreams/FranceTelecom/WaveletSubdivisionSurface" of the electronic document attached to ISO/IEC 14496-4:2004 (containing the first two bitstreams mentioned above) with the directory "AFX Conformance Bitstreams/UPM" of the electronic document attached to this technical corrigendum (containing a single file named "WaveletSubdivisionSurface.zip", which in turn contains all the last sixteen bitstreams mentioned above).

Replace the file "AFX Conformance Bitstreams/VUB/MeshGrid Streams.zip" contained in the electronic document attached to ISO/IEC 14496-4:2004 (containing all bitstreams mentioned in its subclause 8.5.3.3.2), with the file "AFX Conformance Bitstreams/VUB/MeshGrid Streams.zip" of the electronic document attached to this technical corrigendum (containing the corrected versions of those bitstreams).

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