



**INTERNATIONAL STANDARD ISO/IEC 14496-2:2004
TECHNICAL CORRIGENDUM 3**

Published 2008-11-15

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 2:
Visual**

TECHNICAL CORRIGENDUM 3

Technologies de l'information — Codage des objets audiovisuels —

Partie 2: Codage visuel

RECTIFICATIF TECHNIQUE 3

Technical Corrigendum 3 to ISO/IEC 14496-2:2004 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

Replace 6.2.13.9 with:

6.2.13.9 Studio Block

The detailed syntax for the term “DCT coefficient” is fully described in Clause 7.

StudioBlock(i) {	No. of bits	Mnemonic
if (pattern_code[i]) {		
if (macroblock_intra) {		
if (rgb_component) {		
dct_dc_size_luminance	2-13	vlclbf
if(dct_dc_size_luminance != 0)		
dct_dc_differential	1-18	vlclbf
if (dct_dc_size_luminance > 8)		
marker_bit	1	bslbf
} else {		
if (i<4) {		
dct_dc_size_luminance	2-13	vlclbf
if(dct_dc_size_luminance != 0)		
dct_dc_differential	1-18	vlclbf
if (dct_dc_size_luminance > 8)		
marker_bit	1	bslbf
} else {		
dct_dc_size_chrominance	2-13	vlclbf
if(dct_dc_size_chrominance !=0)		
dct_dc_differential	1-18	vlclbf
if (dct_dc_size_chrominance > 8)		
marker_bit	1	bslbf
}		
}		
} else {		
First DCT coefficient	1-32	vlcxbf
}		
while (next_bits() != End of block)		
Subsequent DCT coefficients	1-32	vlclbf
End of block	1-16	vlcxbf
}		
}		

In Table N.3, replace the row Simple Studio Profile L4 with:

Simple Studio	L4	ITU- R709. 60P:444 ITU- R709. 60I:444444 2Kx2Kx30P:444	12	1	1 x Simple Studio	1258 2912	1258 2912	377487 360	377487 360	4320	4320	N.A.	N.A.	N.A.	1350	N.A.
---------------	----	--	----	---	-------------------	-----------	-----------	------------	------------	------	------	------	------	------	------	------