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.*

ICS 35.040 **Ref. No. ISO/IEC 14496-2:2004/Cor.3:2008(E)**

© ISO/IEC 2008 – All rights reserved

Published in Switzerland

Copyright International Organization for Standardization
Provided by IHS under license with ISO
No reproduction or networking permitted without license from IHS

Not for Resale

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	vlcfbf
}		
while (next_bits() != End of block)		
Subsequent DCT coefficients	1-32	vlclbf
End of block	1-16	vlcfbf
}		
}		

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.

--`,,```,,,,````-`-`,,`,,`,`,,`---

© ISO/IEC 2008 – All rights reserved
Copyright International Organization for Standardization
Provided by IHS under license with ISO
No reproduction or networking permitted without license from IHS
Not for Resale