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AMENDMENT 8
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Information technology — JPEG 2000 image coding system — Part 1: Core coding system

AMENDMENT 8: Profiles for an interoperable master format IMF

Technologies de l'information — Système de codage d'images JPEG 2000 — Partie 1: Système de codage de noyau

AMENDEMENT 8: Profils pour un fichier maître IMF

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Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

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Amendment 8 to ISO/IEC 15444-1:2004 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*, in collaboration with ITU. The identical text is published as ITU-T Rec. T.800 (08/2002)/Amd.8).

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INTERNATIONAL STANDARD
ISO/IEC 15444-1:2004/ AMD8
ITU-T Rec. T.800 (08/2002)/Amd.8 (200X E)
ITU-T RECOMMENDATION

INFORMATION TECHNOLOGY – JPEG 2000 IMAGE CODING SYSTEM: CORE CODING SYSTEM

AMENDMENT 8
Profiles for an interoperable master format IMF

1) Table A.10

Change Table A.10 to the following table:

Table A.10 – Capability Rsiz parameter

Value (bits) MSB LSB	Capability
0000 0000 0000 0000	Any capabilities specified in this Recommendation | International Standard
0000 0000 0000 0001	Codestream restricted as described for Profile 0 from Table A.45
0000 0000 0000 0010	Codestream restricted as described for Profile 1 from Table A.45
0000 0000 0000 0011	2k Digital Cinema Profile as specified in Table A.46
0000 0000 0000 0100	4k Digital Cinema Profile as specified in Table A.46
0000 0000 0000 0101	Scalable 2k Digital Cinema Profile as specified in Table A.46
0000 0000 0000 0110	Scalable 4k Digital Cinema Profile as specified in Table A.46
0000 0000 0000 0111	Long-term storage Profile as specified in Table A.46
0000 0001 0000 xxxx	Broadcast Contribution Single Tile Profile as specified in Table A.48, lower 8Bits identify Mainlevel as described in Table A.49
0000 0010 0000 xxxx	Broadcast Contribution Multi-tile Profile as specified in Table A.48, lower 8Bits identify Mainlevel as described in Table A.49
0000 0011 0000 0110	Broadcast Contribution Multi-tile Reversible Profile as specified in Table A.48, Mainlevel 6 as described in Table A.50
0000 0011 0000 0111	Broadcast Contribution Multi-tile Reversible Profile as specified in Table A.48, Mainlevel 7 as described in Table A.50
0000 0100 yyyy xxxx	2k IMF Single Tile Lossy Profile as specified in Table A.51, lower 8 Bits identify Sublevel and Mainlevel as specified in Table A.53 and A.54
0000 0101 yyyy xxxx	4k IMF Single Tile Lossy Profile as specified in Table A.51, lower 8 Bits identify Sublevel and Mainlevel as specified in Table A.53 and A.54
0000 0110 yyyy xxxx	8k IMF Single Tile Lossy Profile as specified in Table A.51, lower 8 Bits identify Sublevel and Mainlevel as specified in Table A.53 and A.54
0000 0111 yyyy xxxx	2k IMF Single/Multi Tile Reversible Profile as specified in Table A.52, lower 8 Bits identify Sublevel and Mainlevel as specified in Table A.53 and A.54
0000 1000 yyyy xxxx	4k IMF Single/Multi Tile Reversible Profile as specified in Table A.52, lower 8 Bits identify Sublevel and Mainlevel as specified in Table A.53 and A.54
0000 1001 yyyy xxxx	8k IMF Single/Multi Tile Reversible Profile as specified in Table A.52, lower 8 Bits identify Sublevel and Mainlevel as specified in Table A.53 and A.54
zzzz zzzz yyyy xxxx	All other values reserved for future use by ITU-T | ISO/IEC

zzzz zzzz describe Profile, yyyy describe Sublevel, xxxx describe Mainlevel

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