
**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



Reference number
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ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

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Foreword

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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)				Capability
MSB			LSB	
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