
**Information technology — JPEG 2000
image coding system: Core coding
system**

**AMENDMENT 7: Profiles for an
interoperable master format (IMF)**

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

AMENDEMENT 7: .





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ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

CONTENTS

	<i>Page</i>
1) Table A.10	1
2) Table A.49 and additional Tables A.50-A.54	2
3) Table M.1	6
4) Clause M.4	6
M.4 Elementary stream marker box (superbox)	6
5) Table M.2	7
6) Clause M.4.6	7
7) References	8
8) Bibliography (clause K)	8

Foreword

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**INTERNATIONAL STANDARD
ITU-T RECOMMENDATION**

**Information technology – JPEG 2000 image coding system:
Core coding system**

Amendment 7

Profiles for an interoperable master format (IMF)

1) Table A.10

Replace Table A.10 with 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	yyyy xxxx	All other values reserved for future use by ITU-T ISO/IEC
zzzz describe Profile, yyyy describe Sublevel, xxxx describe Mainlevel.		