



INTERNATIONAL STANDARD ISO/IEC 15444-1:2000
TECHNICAL CORRIGENDUM 1

Published 2002-01-15

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

TECHNICAL CORRIGENDUM 1

Technologies de l'information — Système de codage d'image JPEG 2000 —

Partie 1: Système de codage de noyau

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to International Standard ISO/IEC 15444-1:2000 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

Withdrawn

**INFORMATION TECHNOLOGY – JPEG 2000 IMAGE CODING SYSTEM –
PART 1: CORE CODING SYSTEM**

TECHNICAL CORRIGENDUM 1

- 1) In the List of Figures (p. viii, Figure I-12) change

“Channel Definition box”

to

“Component Mapping box”

- 2) In subclause A.1.3 (p. 14), add to the end of the list of rules

— Some marker segments have values assigned to groups of bits within a parameter. In some cases there are bits, denoted by “x,” that are not assigned a value for any field within a parameter. The codestream shall contain a value of zero for all such bits. The decoder shall ignore these bits.

- 3) In subclause A.5.1 (p. 26, Ssiz description) change

“ $-2^{(Ssiz \text{ AND } 0x7F)-1} \leq \text{component sample value} \leq 2^{(Ssiz \text{ AND } 0x7F)-1}$ ”

to

“ $-2^{(Ssiz+1 \text{ AND } 0x7F)-1} \leq \text{component sample value} \leq 2^{(Ssiz+1 \text{ AND } 0x7F)-1}$ ”

- 4) In subclause A.6.1 (Table A-13, p. 30, seventh row) change

“EPH marker may be used”

to

“EPH marker shall be used”

- 5) In subclause A.6.6 (Table A-32, p. 43, sixth and seventh row) change

LYEpoc ⁱ	16	0 — 65 534
REpoc ⁱ	8	RSpoc ⁱ — 33

to

LYEpoc ⁱ	16	1 — 65 535
REpoc ⁱ	8	(RSpoc ⁱ + 1) — 33

- 6) In subclause A.6.6 (Table A-32, p. 43, eighth row, CEpoc value) change

“CSpocⁱ — 255; if Csiz < 257

CSpocⁱ — 16 383; Csiz ≥ 257”

to

“(CSpocⁱ + 1) — 255, 0; if Csiz < 257

(CSpocⁱ + 1) — 16 384; Csiz ≥ 257

(0 is interpreted as 256)”