



INTERNATIONAL STANDARD ISO/IEC 15444-1:2000
TECHNICAL CORRIGENDUM 3

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Information technology — JPEG 2000 image coding system —

Part 1:
Core coding system

TECHNICAL CORRIGENDUM 3

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

Partie 1: Système de codage de noyau

RECTIFICATIF TECHNIQUE 3

Technical Corrigendum 3 to 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*.

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**INFORMATION TECHNOLOGY – JPEG 2000 IMAGE CODING SYSTEM -
CORE CODING SYSTEM**

TECHNICAL CORRIGENDUM 3

- 1) In Annex B.6, between paragraphs 3 and 4, p. 64, add

“It can happen that *numprecincts* is 0 for a particular tile-component and resolution level. When this happens, there are no packets for this tile-component and resolution level.”

- 2) In Annex F.3.8.2, paragraph 3, p. 123, change

“Firstly, step 1 is performed for all values of n such that $\left\lfloor \frac{i_0}{2} \right\rfloor - 1 \leq n < \left\lfloor \frac{i_1}{2} \right\rfloor + 2$, and step 2 is performed for all values

of n such that $\left\lfloor \frac{i_0}{2} \right\rfloor - 1 \leq n < \left\lfloor \frac{i_1}{2} \right\rfloor + 1$.”

to

“Firstly, step 1 is performed for all values of n such that $\left\lfloor \frac{i_0}{2} \right\rfloor - 1 \leq n < \left\lfloor \frac{i_1}{2} \right\rfloor + 2$, and step 2 is performed for all values

of n such that $\left\lfloor \frac{i_0}{2} \right\rfloor - 2 \leq n < \left\lfloor \frac{i_1}{2} \right\rfloor + 2$.”

- 3) In Annex F.4.8.2, paragraph 7, p. 132, change

“Finally, step 5 is performed for all values of n such that $\left\lfloor \frac{i_0}{2} \right\rfloor - 1 \leq n < \left\lfloor \frac{i_1}{2} \right\rfloor$ and uses values calculated at step 3, and

step 6 is performed for all values of n such that $\left\lfloor \frac{i_0}{2} \right\rfloor \leq n < \left\lfloor \frac{i_1}{2} \right\rfloor$ and uses values calculated at step 4.”

to

“Finally, step 5 is performed for all values of n such that $\left\lfloor \frac{i_0}{2} \right\rfloor \leq n < \left\lfloor \frac{i_1}{2} \right\rfloor$ and uses values calculated at step 3, and step

6 is performed for all values of n such that $\left\lfloor \frac{i_0}{2} \right\rfloor \leq n < \left\lfloor \frac{i_1}{2} \right\rfloor$ and uses values calculated at step 4.”

- 4) In Annex I.5.3.5, paragraph 2, change

“If the JP2 Header box contains a Palette box, then the JP2 Header box shall also contain a Component Mapping box.

If the JP2 Header box does not contain a Palette box, then the JP2 Header box shall not contain a Component Mapping box. In this case, the components shall be mapped directly to channels, such that component i is mapped to channel i .”

to

“If the JP2 Header box contains a Palette box, then the JP2 Header box shall also contain a Component Mapping box.

If the JP2 Header box does not contain a Component Mapping box, the components shall be mapped directly to channels, such that component i is mapped to channel i .”