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

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

to

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

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

"Finally, step 5 is performed for all values of n such that $\left\lfloor \frac{i_0}{2} \right\rfloor - 1 \le n < \left\lfloor \frac{i_1}{2} \right\rfloor$ and uses values calculated at step 3, and step 6 is performed for all values of n such that $\left\lfloor \frac{i_0}{2} \right\rfloor \le n < \left\lfloor \frac{i_1}{2} \right\rfloor$ and uses values calculated at step 4."

to

"Finally, step 5 is performed for all values of n such that $\left\lfloor \frac{i_0}{2} \right\rfloor \le n < \left\lfloor \frac{i_1}{2} \right\rfloor$ and uses values calculated at step 3, and step 6 is performed for all values of n such that $\left\lceil \frac{i_0}{2} \right\rceil \le n < \left\lceil \frac{i_1}{2} \right\rceil$ 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 a Component Mapping box, the components shall be mapped directly to channels, such that component *i* is mapped to channel *i*."

