Information technology — JPEG 2000 image coding system: Interactivity tools, APIs and protocols — Part 9

TECHNICAL CORRIGENDUM 3

Technologies de l'information — Système de codage d'images JPEG 2000: Outils d'interactivité, interfaces de programmes d'application et protocoles —Partie 9

RECTIFICATIF TECHNIQUE 3

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Corrections to clause J.4.3.4

1)   Annex J.4.3.4

Replace the first paragraph of J.4.3.4 by the following:

In the third step, all remaining databins shall be compared, locating for each bin-class, bin-Id and CSn value in one stream the corresponding bin in the second stream: a metadata, tile or main header databin must be present in the test stream if and only if it is present in the example stream, otherwise the comparison fails. An (extended or regular) precinct or tile databin must be present and non-empty in the test stream if it is present and non-empty in the example stream. An (extended or regular) precinct or tile databin either empty or non-present in the test stream must be also either empty or non-present in the example stream.

NOTE – According to the clause above, it is equivalent not to transmit any message for a precinct or tile databin, or to create a message with no payload data. That is, even in concise mode JPIP servers have the freedom to signal tile or precinct databins that contain no significant image data by transmitting messages of length zero – and thus to potentially increase the size of the overall stream. Note that this freedom does not exist for main header, tile header or metadata bins. See A.3.6.1 for additional details about metadata bins.