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Information technology — JPEG 2000 image coding system —

Part 2: Extensions

Technologies de l'information — Système de codage d'images JPEG 2000 —
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Foreword

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This document was prepared by ITU-T (as ITU-T REC. T.803) and drafted in accordance with its editorial rules, in collaboration with Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

This second edition cancels and replaces the first edition (ISO/IEC 15444-2:2004), which has been technically revised. It also incorporates the Amendments ISO/IEC 15444-2:2004/Amd 2:2006, ISO/IEC 15444-2:2004/Amd 3:2015 and ISO/IEC 15444-2:2004/Amd 4:2015 and the Technical Corrigenda ISO/IEC 15444-2:2004/Cor 3:2005 and ISO/IEC 15444-2:2004/Cor 4:2007.

The main changes are as follows:

— Annex N ("JPX file format extended metadata definition and syntax") is deprecated;

— the Registration Authority specified in M.7, which was never created or used, is cancelled;

— signalling for HTJ2K codestreams, as specified in Rec. ITU-T T.814 | ISO/IEC 15444-15, is added;

— the RLT marker segment is added;

— references have been revised to their currently in-force editions;

— signalling for codestreams that conform to ISO/IEC 21122-1 is added;

— parameterized colourspace is added to the Colour Specification box;

— outstanding amendments and corrigenda are consolidated; and

— the definition of the CAP marker segment was moved to Rec. ITU-T T.800 (2019) | ISO/IEC 15444-1:2019.

A list of all parts in the ISO/IEC 15444 series can be found on the ISO and IEC websites.

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