INTERNATIONAL STANDARD

ISO/IEC 15444-9

First edition 2005-12-01

AMENDMENT 2 2008-05-01

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

AMENDMENT 2: JPIP extensions

iTeh ST JPEG 2000: Outils d'interactivité, interfaces de programmes d'application et protocoles AMENDEMENT 2: Extensions JPIP

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Reference number ISO/IEC 15444-9:2005/Amd.2:2008(E)

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Amendment 2 to ISO/IEC 15444-9:2005 was prepared by Joint Technical Committee ISO/IEC JTC 1, Information technology, Subcommittee SC 29, Coding of audio, picture, multimedia and hypermedia information, in collaboration with ITU-T. The identical text is published as ITU-T Rec. T.808 (01/2005)/Amd.2 (08/2007).

Amendment 2 to ISO/IEC 15444-9:2005 was balloted as ISO/IEC 15444-9:2005/FDAM 3. It is the second published Amendment to ISO/IEC 15444-9:2005/Amd 2:2008 https://standards.iteh.ai/catalog/standards/sist/5a89099c-487b-43ee-be4e-

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Amendment 2

JPIP extensions

1) Clause C.4.7

Rewrite the second sentence of the paragraph in C.4.7 that reads (with the changes underlined):

If the jpm-context parameter appears in a request without a Frame Size request (fsiz) then the Frame Size values fx and fy are set to the page width and page height. If the jpm-context parameter appears in a request without a Region Size request (rsiz) then the Region Size values $\frac{1}{12} \frac{1}{12} \frac{1}{12}$

2) Clause C.4.11

Add the following new clause:

C.4.11 Multi-component transformation (MCT) Resolution Value EVIEW

mctres = "mctres" "=" UINT(standards.iteh.ai)

This field specifies the desired multi-component transformation resolution level. This field is only applicable if for all tile-components, exactly one of the multi-component transformations that are applied on this tile-component (and iteratively on the resulting intermediate components/to create generated components) is a multi-component wavelet-transformation. It shall not be used otherwise [If, this field is not(present, it will be assumed that the full resolution representation of the image data is desired. The full number of resolution levels is one more than the number of wavelet transform levels N_L in the multi-component transformation, given by Tmccⁱ (see Table A.39 in ITU-T Rec. T.801 | ISO/IEC 15444-2). For full resolution, this field should be set to 1. For half resolution, the field should be set to 2, for quarter resolution, the field should be set to 3, etc. If the value of mctres exceeds N_L + 1 for one tile or codestream, the lowest available resolution of that tile or codestream shall be transmitted. The same value of mctres shall apply simultaneously to all multi-component wavelet transformations found in the codestream(s).

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ICS 35.040 Price based on 1 page