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|---|---------------------|----------------------------|
| 1 | Status              | Letter Ballot              |
| 2 | Date of Last Update | 2018/11/11                 |
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| 7 | Submission Date     | 2018/04/04                 |

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|----|---|
| 8  | Correction Number CP-1816   |
| 9  | Log Summary: Update JPEG-LS and RLE Media Types for web services to use registered rather than experimental media types                 |
| 10 | Name of Standard  |
| 11 | PS3.18  |
| 12 | Rationale for Correction:   |
| 13 | IANA has accepted registrations for JPEG-LS and DICOM RLE , so experimental media types hould be replaced.                              |
| 14 | See:  |
| 15 | • <a href="http://www.iana.org/assignments/media-types/image/jls">http://www.iana.org/assignments/media-types/image/jls</a>             |
| 16 | • <a href="http://www.iana.org/assignments/media-types/image/dicom-rle">http://www.iana.org/assignments/media-types/image/dicom-rle</a> |
| 17 | Correction Wording:   |

Amend DICOM PS3.18 as follows (changes to existing text are bold and underlined for additions and ~~struckthrough~~ for removals):

## 6.1.1.8 DICOM Media Types and Media Types For Bulk Data

**Table 6.1.1.8-3b. Media Types and Transfer SyntaxUIDs for Compressed Pixel Data in Bulk Data Values**

| Category                     | MediaType                    | Transfer SyntaxUID     | Transfer Syntax Name   | RS   |
|------------------------------|------------------------------|------------------------|--|--|
| Single Frame Image           | image/jpeg                   | 1.2.840.10008.1.2.4.70 | JPEG Lossless, Non-Hierarchical, First-Order Prediction(Process 14 [Selection Value 1]) :Default Transfer Syntax for Lossless JPEG Image Compression | default  |
|                              |                              | 1.2.840.10008.1.2.4.50 | JPEG Baseline (Process 1) :Default Transfer Syntax for Lossy JPEG 8 Bit Image Compression  | optional   |
|                              |                              | 1.2.840.10008.1.2.4.51 | JPEG Extended (Process 2 & 4) :Default Transfer Syntax for Lossy JPEG 12 Bit Image Compression (Process 4 only)                                      | optional   |
|                              |                              | 1.2.840.10008.1.2.4.57 | JPEG Lossless, Non-Hierarchical (Process 14)   | optional   |
|                              | <del>image/x-dicom-rle</del> | 1.2.840.10008.1.2.5    | RLE Lossless   | default  |
|                              | <del>image/x-jls</del>       | 1.2.840.10008.1.2.4.80 | JPEG-LS Lossless Image Compression   | default  |
|                              |                              | 1.2.840.10008.1.2.4.81 | JPEG-LS Lossy (Near-Lossless) Image Compression  | optional   |
|                              | image/jp2                    | 1.2.840.10008.1.2.4.90 | JPEG 2000 Image Compression (Lossless Only)  | default  |
|                              |                              | 1.2.840.10008.1.2.4.91 | JPEG 2000 Image Compression  | optional   |
|                              | image/jpx                    | 1.2.840.10008.1.2.4.92 | JPEG 2000 Part 2 Multi-component Image Compression (Lossless Only)   | default  |
|                              |                              | 1.2.840.10008.1.2.4.93 | JPEG 2000 Part 2 Multi-component Image Compression   | optional   |
|                              | Multi-frame Image            | image/jpeg             | 1.2.840.10008.1.2.4.70   | JPEG Lossless, Non-Hierarchical, First-Order Prediction(Process 14 [Selection Value 1]) :Default Transfer Syntax for Lossless JPEG Image Compression |
| 1.2.840.10008.1.2.4.50       |                              |                        | JPEG Baseline (Process 1) :Default Transfer Syntax for Lossy JPEG 8 Bit Image Compression  | optional   |
| 1.2.840.10008.1.2.4.51       |                              |                        | JPEG Extended (Process 2 & 4) :Default Transfer Syntax for Lossy JPEG 12 Bit Image Compression (Process 4 only)                                      | optional   |
| 1.2.840.10008.1.2.4.57       |                              |                        | JPEG Lossless, Non-Hierarchical (Process 14)   | optional   |
| <del>image/x-dicom-rle</del> |                              | 1.2.840.10008.1.2.5    | RLE Lossless   | default  |
| <del>image/x-jls</del>       |                              | 1.2.840.10008.1.2.4.80 | JPEG-LS Lossless Image Compression   | default  |
|                              |                              | 1.2.840.10008.1.2.4.81 | JPEG-LS Lossy (Near-Lossless) Image Compression  | optional   |
| image/jp2                    |                              | 1.2.840.10008.1.2.4.90 | JPEG 2000 Image Compression (Lossless Only)  | default  |
|                              |                              | 1.2.840.10008.1.2.4.91 | JPEG 2000 Image Compression  | optional   |
| image/jpx                    |                              | 1.2.840.10008.1.2.4.92 | JPEG 2000 Part 2 Multi-component Image Compression (Lossless Only)   | default  |
|                              |                              | 1.2.840.10008.1.2.4.93 | JPEG 2000 Part 2 Multi-component Image Compression   | optional   |
| Video                        |                              | video/mpeg2            | 1.2.840.10008.1.2.4.100  | MPEG2 Main Profile / Main Level  |
|                              | 1.2.840.10008.1.2.4.101      |                        | MPEG2 Main Profile / High Level  | default  |

| Category | MediaType | Transfer SyntaxUID      | Transfer Syntax Name                                    | RS       |
|----------|-----------|-------------------------|---|----------|
|          | video/mp4 | 1.2.840.10008.1.2.4.102 | MPEG-4 AVC/H.264 High Profile / Level 4.1               | default  |
|          |           | 1.2.840.10008.1.2.4.103 | MPEG-4 AVC/H.264 BD-compatible High Profile / Level 4.1 | optional |
|          |           | 1.2.840.10008.1.2.4.104 | MPEG-4 AVC/H.264 High Profile / Level 4.2 For 2D Video  | optional |
|          |           | 1.2.840.10008.1.2.4.105 | MPEG-4 AVC/H.264 High Profile / Level 4.2 For 3D Video  | optional |
|          |           | 1.2.840.10008.1.2.4.106 | MPEG-4 AVC/H.264 Stereo High Profile / Level 4.2        | optional |

**Note**

**Previously, experimental Media Types "image/x-dicom-rle" and "image/x-jls" were defined, so origin servers and user agents may want to account for these when communicating with older implementations.**