

MINUTES

DICOM WORKING GROUP FOUR (Compression)

Date and time: Wednesday, August 9, 2023
10:00-11:00am US Eastern

Presiding Officer: David Clunie, Chair

Secretariat: Shayna Knazik, DICOM/MITA

Voting Members Present

DICOM/MITA	Shayna Knazik
Philips	René van der Vleuten
PixelMed	David Clunie
Radical Imaging	Bill Wallace

Voting Members Not Present

*aetherAI	Pei-Chen Lin
*Carl Zeiss Meditec	Detlev Hohmeier
*Fairhaven Technology	Rob Horn
*Korean PACS Standards Committee	Hee-Joung Kim

*Not present at two consecutive meetings and therefore not counted for quorum during this tcon

Others (Observers, Alt-voting, staff) Present

AWS	Chris Hafey
EcoHealth Alliance	Hongying Li
Roche Tissue Diagnostics	Uwe Horchner

1. Administrative

- The meeting was called to order and a quorum was present
- Staff reminded members of the Guidelines for Conducting NEMA Meetings and DICOM Patent Disclosure Policy: <https://www.dicomstandard.org/patent>
- Agenda was reviewed and approved
- Minutes were reviewed and approved (May 24, 2023)

2. Supplement 235: HTJ2K Transfer Syntax (Bill Wallace & Chris Hafey)

- Bill Wallace shared the feedback received during the June WG-06 meeting. Sup235 was circulated for DSC Letter Ballot and closes on September 1, 2023.

3. Single bit segmentation compression for large objects such as WSI

- David Clunie is preparing a New Work Item Proposal for a new compression transfer syntax. He is planning on submitting it to the DICOM Standard Committee at their October meeting in Chennai, India.

4. Old & New Business

- Item for the next agenda: LZ4 consideration of other non-image specific compression schemes:
 - LZ4
 - Bzip2
 - LZMA
 - BROTLI
- Bill Wallace noted that Safari now supports JPEG-XL. The group will continue to monitor and touch base in October.
- Supplement 232: JPEG-XL Transfer Syntax (Bill Wallace): This has been put on hold for 6 months to determine whether adoption will happen. The group will revisit around October 2023.

5. Upcoming calls

- WG-04 holds monthly calls on the first Wednesday of each month from 10-11am US Eastern. The next WG-04 call will take place on September 6, 2023.

6. Adjournment

- The call was adjourned at 10:40am US EDT.