

MINUTES

DICOM WORKING GROUP FOUR (Compression)

Date and time: Wednesday, December 6, 2023
10:00-11:00am US Eastern

Presiding Officer: David Clunie, Chair

Secretariat: Shayna Knazik, DICOM/MITA

Voting Members Present

AWS	Chris Hafey
DICOM/MITA	Shayna Knazik
PixelMed	David Clunie
Philips	René van der Vleuten
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

AAPM/Univ. of Arkansas for Medical Sciences	Lawrence Tarbox
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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>
- The agenda was reviewed and approved.
- The minutes from September 27, 2023 were reviewed and approved.

2. Supplement 232: JPEG-XL Transfer Syntax (Bill Wallace)

- The group discussed that there is now enough critical mass to pick back up with this JPEG-XL.
- **Action:** Shayna will reach out to Kevin Schap, Co-Chair of WG-26 to arrange a call to discuss Whole Slide Imaging and JPEG-XL.

3. Review first draft of new Supplement on image frame deflate (David Clunie)

- David Clunie discussed the first draft of a new Supplement on image frame deflate. He hopes to present this to WG-06 for a First Read in January 2024.
- **Action:** Shayna will try to get this on the WG-06 January agenda.

4. Old/New Business

- Ready for next agenda:
 - **Consideration of other non-image specific compression schemes:** this item was not discussed
 1. LZ4
 2. Bzip2
 3. LZMA
 4. BROTLI
 5. **Pending action:** Bill and David will work to define the use cases including floating point data for RTSS, bulk microscopy annotations, and Pathology ICC, and gather data sets for experiments.

5. Upcoming calls

- WG-04 holds monthly calls on the first Wednesday of each month from 10-11am US Eastern. The group discussed whether that cadence will work in 2024 and agreed to push the call back by 30 minutes. 2024 calls will take place on the first Wednesday of the month from 10:30-11:30am US Eastern beginning on January 3, 2024.

6. Adjournment

- The call was adjourned early at 10:29am US EST.