

MINUTES

DICOM WORKING GROUP FOUR (Compression)

Date and time: Wednesday, January 3, 2024
10:00-11:00am US Eastern

Presiding Officer: David Clunie, Chair

Secretariat: Shayna Knazik, DICOM

Voting Members Present

AWS	Chris Hafey
DICOM	Shayna Knazik
PixelMed	David Clunie

Voting Members Not Present

*aetherAI	Pei-Chen Lin
*Carl Zeiss Meditec	Detlev Hohmeier
*Fairhaven Technology	Rob Horn
*Korean PACS Standards Committee	Hee-Joung Kim
Philips	René van der Vleuten
Radical Imaging	Bill Wallace

*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 not present at the start of the call.
- 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 December 6, 2023 will be reviewed on the next call.

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

- Bill Wallace was not available to today's call so this item will be discussed on the next call.
- **Action:** Shayna will invite WG-26 to the next call to discuss Whole Slide Imaging and JPEG-XL.

3. 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 find a slot on the WG-06 January agenda for a 1- or 2-hour First Read.

4. Old/New Business

- Chris Hafey shared the link to DICOM Codecs: <https://github.com/dicom-codecs/dicom-codecs>
- Standing items for consideration:
 - **Consideration of other non-image specific compression schemes:**
 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 10:30-11:30am US Eastern. However, there is a conflict with February 7th so the group moved the call to February 14, 2024. **Action:** Shayna will reach out to Bill Wallace to see if he is available that date and if he will be ready with Sup232, then will reschedule the call accordingly.

6. Adjournment

- The call was adjourned early at 11:06am US EST.