

	Ignacio Ramírez	Paulino	Facultad de Ingeniería - Universidad de la República	Observer
	Sandor	Benizcky	Filadelfia	Observer
	Steve	Nichols	GE Healthcare	Observer
	Gardar	Thorvardsson	Kvikna / Stratus EEG	Observer
	Richard	Moberg	Moberg Research, Inc.	Observer
	Desire	Jean		Observer
	Casey	Stengel	Neuralynx	Observer
	Bill	Antilla	Nihon Kohden Corporation	Observer
	Ryuzo	Mase	Nihon Kohden Corporation	Observer
Present	Koichiro	Matsumoto	Nihon Kohden Corporation	Observer
	Pedro Fernando	Arizpe Gomez	OFFIS e. V.	Observer
	Daniel	Crepeau	Dark Horse Neuro	Observer
	Andrey	Pirozhenko	Persyst	Observer
Present	Shane	Ponzikoff	Persyst	Observer
	Wouter	Potters	Amsterdam UMC, Netherlands	Observer
Present	Stefan	Rampp	University Klinikum Erlangen	Observer
	Dagmar	Krefting	University Medical Center Göttingen	Observer
	Marco	Rossi	University of Milan, Italy	Observer
	Gloria	Menegaz	University of Verona, Italy	Observer
	Matan	Oppenheim	Zebra Medical Vision	Observer
Present	Jonathan	Pfaff	Fraunhofer Heinrich Hertz Institute HHI	Observer
	Gary	Sullivan	ITU-Rapporteur	Observer
	Kristian	Bernard Nilsen	Oslo University Hospital	Observer
Present	NS	Nagarajan	GE Healthcare	Observer
Present	Bruno	Monnerat		Observer

1. CALL TO ORDER AND REVIEW OF ANTI-TRUST RULES AND DICOM PATENT POLICY

The meeting was called to order at 10:01 AM. Participants were reminded that the Guidelines for Conducting NEMA Meetings and Patent Disclosure Policy are in effect and they may be found here: <https://www.dicomstandard.org/patent>.

2. WELCOME/ATTENDANCE/INTRODUCTION

Attendance was taken.

3. REVIEW AND APPROVE AGENDA

The agenda was reviewed, motion to approve by JH and seconded by SR.

4. REVIEW MINUTES

The minutes of the 21 March 2024 meeting were reviewed, motion to approve by JH and seconded by SW.

5. OLD BUSINESS

Silvia Winkler reviewed the following:

- Silvia Winkler discussed Supplement 239 (SR for Waveform Annotations): Supplement has been approved to go out for Letter Ballot, has been sent out and closes May 20, 2024.
- Silvia Winkler discussed Supplement 236 (PR for montage and visualization filters): WG-06 will meet at end of May and continue reviewing this Supplement. SW commented that WG-06 specified that there should be two different IODs to encode this PR and data must be encoded EITHER with:
 - An IOD representing the recording use case with MANDATORY montages and continuous montage activation timepoints
 - An IOD with optional montages and montage activation timepoints for the other use cases.
 - Both IODs also comprise simple text annotations, highlighted waveform segments, and display properties for annotations coming from a separate Annotation SR.WG0 06 suggested to expand the number of objects reviewed.
- Codec for Biomedical waveforms
 - Jon Halford brought up discussion on how/where to store data and testing codecs for biomedical waveforms. Jon Halford discussed that Ben Brinkmann, Stefan Rampp, and Jan Remi have sent data to contribute de-identified and non-coded intracranial EEG data to such a data repository.
 - It was discussed that on 25 Jan 2024, ITU-T Q6/SG16 (VCEG) approved and issued a Call for Proposals on the Coding of Biomedical Waveform Data. This Call for Proposals states that "descriptions of responses shall be registered as input contributions to the Q6/16 meeting planned in Sapporo, Japan, 12–19 July 2024. Moreover, member proponents willing to provide preliminary versions of their responses to be discussed already at the SG16 meeting of 15–26 April 2024 in Rennes, France. It was discussed this these timelines do not allow for advertisement worldwide for this CfP and that DICOM leadership requests delayed timelines. The available delay, based on ITU-T schedules, is for dates to be delayed until October 2024.
- It was discussed that WG-32 begin work on a new IOD for LTM EEG and Sleep Monitoring which will incorporate a codec bitstream with blocking and indexing for rapid access during review. This is covered by the existing Sept 2022 waveform compression work item previously approved by WG-06. Jon Halford stated that he

will try to begin working on a Microsoft Word document outlining possible approaches for blocking and indexing for this IOD.

○

6. NEW BUSINESS

- Jon Halford proposed a WG-32 subcommittee be formed to work on standard naming for sources of intracranial EEG (iEEG) and MEG. Andrew Ehrenberg mentioned that the title should use the term “sensors” and not “sources” and participants agreed that this was logical. It was agreed that a WG-32 subcommittee should begin this work now so that it can be completed before development of an IOD for magnetoencephalography (MEG) would be initiated a year or more in the future. Stefan Rampp volunteered to lead this WG-32 subcommittee. Andrew Ehrenberg stated that he wanted to part of this subcommittee.
- Suggestion for WG-32 to have an in-person meeting.
 - Jon Halford mentioned again that a FTF WG-32 meeting is being planned on 07 December 2024 at the American Epilepsy Society Annual Conference in Los Angeles CA. (<https://aesnet.org/AES-annual-meeting>)

7. DATE AND TIME OF NEXT MEETINGS

Thursday 18 April 2024	10:00- 11:00 am US ET
Thursday 16 May 2024	10:00- 11:00 am UD ET