

MINUTES

MEETING NAME WG-32

MEETING PLACE/DIAL IN Via Zoom

DATE & TIME Thursday 17 June 2021
10:00 – 11:00 US ET

PRESIDING OFFICERS Jonathan J. Halford, Medical University of South Carolina, User Co-Chair
 Andrew Ehrenberg, Nihon Kohden Corporation, Vendor Co-Chair

IFCN SECRETARIAT Wendy Wallace on behalf of Catherine Lamoureux

DICOM SECRETARIAT Carolyn Hull

Present	First Name	Last Name	Organization	Voting Status
Present	Jan	Remi	Ludwig-Maximilians-University of Munich	Voting
	Ben	Brinkmann	Mayo Clinic	Voting
Present	Jonathan	Halford	Medical University of South Carolina	Voting
Present	Andrew	Ehrenberg	Nihon Kohden Corporation	Voting
	David	Clunie	PixelMed Publishing	Voting
Present	Silvia	Winkler	Sigma Software Solutions	Voting
	Emmanuel	Cordonnier	b<>com	Voting
	Kevin	O'Donnell	Canon Medical Research USA, Inc.	Voting
	Felix	Rosenow M.D.	DGKN (German Society of Clinical Neurophysiology and Functional Imaging)	Voting
	Carolyn	Hull	MITA	Voting
	Alan	Huang	Philips	Voting
Present	Franz	Fürbass	AIT Austrian Institute of Technology GmbH	Observer
	Catherine	Lamoureux	Association Innovation and Management, Inc (AIM)	Observer
	Carol	Freysinger	Association Innovation and Management, Inc (AIM)	Observer
	Ana	Alves	CortexXus Inc.	Observer
	David	Alves	CortexXus Inc.	Observer
	Babak	Razavi	CortexXus Inc.	Observer
	Ignacio Ramírez	Paulino	Facultad de Ingeniería - Universidad de la República	Observer
	Sandor	Benizcky	Filadelfia	Observer

	Richard	Moberg	Moberg Research, Inc.	Observer
	Adewole	Oyalowo	Moberg Research, Inc.	Observer
Present	Jean	Gotman	Montreal Neurological Institute, McGill University	Observer
	Casey	Stengel	Neuralynx	Observer
	Bill	Antilla	Nihon Kohden Corporation	Observer
	Ryuzo	Mase	Nihon Kohden Corporation	Observer
Present	Koichiro	Matsumoto	Nihon Kohden Corporation	Observer
	PedroFernando	ArizpeGomez	OFFIS e. V.	Observer
	Sébastien	Jodogne	Orthanc Labs	Observer
	Andrey	Pirozhenko	Persyst	Observer
Present	Shane	Ponzikoff	Persyst	Observer
Present	Wendy	Wallace	Association Innovation and Management, Inc (AIM)	Observer
	Wim	Corbijn van Willenswaard	Philips	Alt. Voting
	Jeroen	Medema	Philips	Alt. Voting
	Uwe	Tronnier	University of Applied Science and CSImed UG	Observer
	Dagmar	Krefting	University Medical Center Göttingen	Observer
	Matan	Oppenheim	Zebra Medical Vision	Observer

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

The meeting was called to order at 10:03 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 and approved.

4 REVIEW MINUTES

The minutes of the 20 May 2021 meeting were reviewed and approved.

5 OLD BUSINESS

- Jon Halford reported on a recent call between himself, Andrew Ehrenberg, and AANEM leadership. The meeting consisted of a good discussion about standardization and discussion of some of the unique features of the EMG signal. AANEM leadership suggested that increasing the amount of EMG signal which is recorded in clinical studies may provide a method of quality control in the neurodiagnostics community. There was agreement that standardization could boost research and development. During the WG-32 discussion of the meeting, Silvia commented that there are already some EMG standards that we recently added to DICOM in Supplement 217. AANEM leadership expressed interest in continued discussions.
- Silvia Winkler updated the group on the change requests to the Waveform module. She presented a Waveform Module Correction Proposal. Discussion followed regarding specification of AC versus DC amplifiers and wording of analog and digital filter specification such as frequency, roll off, look up table, and other filter parameters. Andrew Ehrenberg drew attention to the contained graphic. Dr. Gotman commented it is good as an example, but could remove the title to eliminate confusion. All input was considered and Silvia will make edits prior to submission to WG-6. The final document is included as a separate attachment to the minutes.
- **WG-32 Comprehensive Plan** - Jon Halford called for feedback on the document which was distributed to members and presented at the last meeting.
-It was suggested that there really needs to be a separate meeting dedicated to discussion of the proposed WG-32 Comprehensive Plan.
- **Future Meeting Schedule for WG-32:** The need to potentially change the June meeting date was discussed because the current WG-32 meeting date of the 3rd Thursday of every calendar month conflicts with a standing meeting for some European members which is scheduled biweekly on Thursdays of even numbered weeks (of the calendar year). It was decided there should be a vote about the proposed schedule change.

6 NEW BUSINESS

- Jon Halford introduced initial work to add encoding for standard channel names (for non-EEG polysomnographic channels) which can be referenced in the montage specification in the future Filter-Montage Structured Display Object.
- Discussion followed about how channel names should be addressed.

7 DATE AND TIME OF NEXT MEETINGS

The proposed date for July was reviewed.

Thursday 15 July 2021 10:00-11:00am US ET

The August meeting date may be changed depending on outcome of the vote about the meeting schedule.

There being no further business, the meeting was adjourned at 11:00 AM.

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SUBMITTED BY Lamoureux, Catherine

SUBMITTED ON Enter submission date.

LEGAL APPROVAL Enter approval date.

UPLOAD LOCATION Enter upload location.