

29 February 2024 Ad hoc Electronic Teleconference Meeting

Approved Meeting Minutes, Prepared by Kent Lusted

Meeting called to order at ~6:31 am (all times Pacific) by Kent Lusted, who was chairing the meeting.

Chair noted that individuals should fill out IMAT information for attendance.

Chair reminded participants to declare their affiliation in the online meeting. Failure to do so would result in expulsion from the meeting.

Presentation #1	Agenda
Presenter	Kent Lusted
URL	https://www.ieee802.org/3/dj/public/adhoc/electrical/24_0229/agenda_3dj_01_adhoc_240229.pdf

The chair asked if there were any modifications for the agenda (See slide #2). Chair asked if there were any corrections or modifications. No one responded. Chair asked if there was objection to approving the agenda. There were no objections to the approval of the agenda, and it was considered approved by unanimous consent.

Ad hoc chair noted that the minutes for the 8 February electrical ad hoc were posted to the website. (see: https://www.ieee802.org/3/dj/public/adhoc/electrical/24_0208/minutes_3dj_elec_240208_unapproved.pdf) He asked if there were corrections or modifications to the posted minutes. No one responded. He asked if there was objection to approving the posted minutes. No one responded. The minutes were approved by unanimous consent

The chair noted an email had been sent out to the reflector reminding individuals to review the following IEEE SA policies-

- IEEE SA Participation Policy
- IEEE SA Copyright Policy
- IEEE SA Patent Policy

Chair asked if anyone needed any of these policies reviewed in-depth. There were no requests.

Chair presented the third slide (See Slide #25) of the IEEE SA Patent Policy slides. Chair did call for Potentially Essential Patents, and no one came forward.

Chair presented the second slide (See Slide #30) of the IEEE SA Copyright Policy slides. Chair noted – “By participating in this activity, you agree to comply with the IEEE Code of Ethics, all applicable laws, and all IEEE policies and procedures including, but not limited to, the IEEE SA Copyright Policy.”

Chair presented the second slide (See Slide #34) of the IEEE SA Participation Policy slides. Chair noted – “Participants in the IEEE-SA “individual process” shall act independently of others, including employers. By participating in standards

activities using the “individual process”, you are deemed to accept these requirements; if you are unable to satisfy these requirements then you shall immediately cease any participation.”

Chair reminded participants of the IEEE Code of Ethics and Code of Conduct. (see slide #33)

The chair reviewed meeting decorum. See Slide #4.

The chair reviewed voting. See Slide #8.

Chair reminded participants to sign into the IEEE Meeting and Attendance Tool. Kent Lusted noted that neither he nor the WG Recording Secretary Jon Lewis would update attendance records after the meeting ends for the day.

Chair reminded participants to declare their affiliation in the online meeting. Failure to do so would result in expulsion from the meeting.

Kent Lusted passed the meeting chair responsibilities to John D’Ambrosia at 6:40 a.m.

John D’Ambrosia, 3dj Task Force Chair, noted that presentation requests for the March 2024 interim meeting are due 29 February 2024. He reminded participants that contributions were due 4 March 2024.

He asked participants to send requests early as possible due to his personal conflict on Friday.

John D’Ambrosia noted that the 3dj Task Force would be reviewing the near-term schedule for D1.0 comment resolution at the March Plenary meeting.

Presentation #2	P802.3dj TF Electrical Track Progress Update - Looking to the March Plenary
Presenter	Kent Lusted
URL	https://www.ieee802.org/3/dj/public/adhoc/electrical/24_0229/lusted_3dj_elec_02_240229.pdf

Questions were asked and answered.

John D’Ambrosia noted that the P802.3dj Task Force leadership would actively prioritize contributions that close gaps or address baselines needed for D1.0. Contributions with changes or improvements to previously adopted motions would be deprioritized, if time is limited.

Presentation #3	COM Reference RX Progress Update – 29 February 2024
Presenter	Kent Lusted, Rich Mellitz
URL	https://www.ieee802.org/3/dj/public/adhoc/electrical/24_0229/lusted_3dj_elec_01a_240229.pdf

Authors noted that the COM version 4.3 was posted on the Task Force Tools and Channels webpage. (see: <https://www.ieee802.org/3/dj/public/tools/index.html>) The COM version was announced over the electrical email reflector (see: <https://www.ieee802.org/3/df/email/elec/msg00183.html>). Author noted a typo error on slide 5 and would provide an updated version ‘01a’.

Questions were asked and answered.

Kent Lusted resumed the meeting chair responsibility at 9:16 a.m.

John D'Ambrosia, 3dj Task Force Chair, noted that presentation requests for the March 2024 interim meeting are due 29 February 2024. He reminded participants that contributions were due 4 March 2024. He asked participants to send requests early as possible due to his personal conflict on Friday.

Presentation #4	802.3dj - CR Considerations for Test Fixture Specifications
Presenter	Chris Diminico
URL	https://www.ieee802.org/3/dj/public/adhoc/electrical/24_0229/diminico_3dj_elec_01a_240229.pdf

There was a request to provide the 2-port S-parameter files for modeling and correlation purposes. Questions were asked and answered.

Chair reminded participants to sign into the IEEE Meeting and Attendance Tool. Kent Lusted noted that neither he nor the WG Recording Secretary Jon Lewis would update attendance records after the meeting ends for the day.

John D'Ambrosia, 3dj Task Force Chair, noted that presentation requests for the March 2024 interim meeting are due 29 February 2024. He reminded participants that contributions were due 4 March 2024.

Prior to the start of presentation #5, Author noted that he had an updated version '01a' with editorial changes and new link to an external presentation.

Presentation #5	Detailed description of the proposed multi-segment link training
Presenter	Adee Ran
URL	https://www.ieee802.org/3/dj/public/adhoc/electrical/24_0229/ran_3dj_elec_01a_240229.pdf

Questions were asked and answered.

John D'Ambrosia, 3dj Task Force Chair, noted that presentation requests for the March 2024 interim meeting are due 29 February 2024. He reminded participants that contributions were due 4 March 2024. Registration and a meeting fee is required to attend the March Plenary meeting.

Chair reminded participants to sign into the IEEE Meeting and Attendance Tool. Kent Lusted noted that neither he nor the WG Recording Secretary Jon Lewis would update attendance records after the meeting ends for the day.

Meeting adjourned at ~9:11 a.m. Pacific.

Attendees (per IMAT)

Name	Affiliation	Employer
Akinwale, Oluwafemi	Intel Corporation	
Ben-Artsi, Liav	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Bernier, Eric	Huawei Technologies Canada Co., Ltd.	Huawei Technologies Canada Co., Ltd.
Bruckman, Leon	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Cai, Yuefeng	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Calvin, John	Keysight Technologies	Keysight Technologies
Cassan, Dave	Alphawave	Alphawave
Chappell, Neveia	Keysight Technologies	Keysight Technologies
Chen, Chan	Independent/AOI	Self Employed
Choe, Denz	BeCe Pte Ltd	
Cox, Ian	Broadcom Corporation	
D'Ambrosia, John	Futurewei Technologies, U.S. Affiliate of Huawei	Futurewei Technologies, U.S. Subsidiary of Huawei
Dawe, Piers J G	Nvidia	NVIDIA
Del Vecchio, Peter	Broadcom Corporation	
Diminico, Christopher	Panduit Corp.	M C Communications, LLC
Dudek, Michael	Marvell	Marvell
Galan, Jose	MaxLinear, Inc.	

Name	Affiliation	Employer
Ghiasi, Ali	Ghiasi Quantum LLC; Marvell Semiconductor, Inc.	Ghiasi Quantum LLC
Han, Ruibo	China Mobile Communications Corporation (CMCC)	China Mobile Communications Corporation (CMCC)
He, Xiang	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Healey, Adam	Broadcom Inc.	Broadcom Inc.
Heck, Howard	Intel	Intel
Hutchins, Jeff	Ranovus	Ranovus
Jackson, Kenneth	Sumitomo Electric Industries, LTD	Sumitomo Electric Industries, LTD
Johnston, Margaret	Cadence Design Systems, Inc.	Cadence Design Systems, Inc.
Kim, Kihong/Joshua	Hirose Electric (USA), Inc.	Hirose Electric (USA), Inc.
Klempa, Michael	Alphawave Semi	Alphawave Semi
Kocsis, Sam	Amphenol Corporation	Amphenol Corporation
Kugel, Valery	Juniper Networks, Inc.	
Lapierre, Dominic	EXFO Inc.	
Le Cheminant, Greg	Keysight Technologies	Keysight Technologies
Li, Mike-Peng	Intel	Intel
Li, Pei-Rong	MediaTek Inc.	MediaTek Inc.
Little, Terrance	Foxconn Electronics Inc.	Foxconn Electronics Inc.
Lusted, Kent	Intel	Intel
Maki, Jeffery	Juniper Networks, Inc.	Juniper Networks, Inc.

Name	Affiliation	Employer
Malicoat, David	Malicoat Networking Solutions; SENKO Advanced Components	Malicoat Networking Solutions
Mellitz, Richard	Samtec, Inc.	Samtec, Inc.
mi, guangcan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Miller, Andrew	Keysight Technologies	
Muller, Shimon	Enfabrica	Enfabrica Corp.
MURAKAMI, YUKI	Fujitsu Limited	FUJITSU LIMITED
Muth, Karlheinz	Broadcom Corporation	Broadcom Corporation
Naderi Shahi, Sina	Marvell	
Nering, Raymond	Cisco Systems, Inc.	Cisco Systems, Inc.
Noujeim, Leesa	Google	Google
Nowell, Mark	Cisco Systems, Inc.	Cisco Systems, Inc.
Ofelt, David	Juniper Networks, Inc.	Juniper Networks, Inc.
Opsasnick, Eugene	Broadcom Inc.	Broadcom Inc.
Rabinovich, Rick	Keysight Technologies	Keysight Technologies
Ran, Adee	Cisco Systems, Inc.	Cisco Systems, Inc.
Rechtman, Zvi	NVIDIA	NVIDIA
Ren, Hao	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Sakai, Toshiaki	socionext	Socionext Inc.

Name	Affiliation	Employer
Sekel, Steve	Wilder Technologies	
Sella, Omer	Imperial College London	
Shakiba, Mohammad	Huawei Technologies Canada; Huawei Technologies Co., Ltd	Huawei Technologies Canada
Shanbhag, Megha	TE Connectivity	Tyco
Shukla, Priyank	Synopsys, Inc.	Synopsys, Inc.
Sikkink, Mark	Hewlett Packard Enterprise	Hewlett Packard Enterprise
Simms, William	NVIDIA Corporation	NVIDIA Corporation
Slavick, Jeff	Broadcom Inc	Broadcom Inc
Sommers, Scott	Molex Incorporated	Molex LLC
Sorbara, Massimo	GLOBALFOUNDRIES	GLOBALFOUNDRIES
Tan, Yuxuan	Motorcomm	
Tracy, Nathan	TE Connectivity	TE Connectivity
Tran, Viet	Keysight Technologies	Keysight Technologies
Wingrove, Michael	Ciena Corporation	Ciena Corporation
Zhuang, Yan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Zivny, Pavel	Tektronix, Inc.	Tektronix, Inc.

