

IEEE P802.3dj Task Force – Joint Electrical, Optical and Logic Ad hoc meeting

21 Apr 2026 Ad hoc Electronic Teleconference Meeting

Approved Meeting Minutes, Prepared by Gary Nicholl, Kent Lusted and Mark Nowell

Meeting called to order at 10:00 am (all times ET) by Kent Lusted, who was chairing the meeting.

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

Presentation #1	Agenda and General Information
Presenter	Kent Lusted
URL	https://www.ieee802.org/3/dj/public/adhoc/electrical/26_0421/agenda_3dj_optx_logic_elec_01a_260421.pdf

The chair asked if there were any modifications to the agenda (See slide #2) . There were none. There were no objections to the approval of the agenda, and it was considered approved by unanimous consent.

The chair reviewed meeting decorum (See Slide #3). Chair reminded participants to follow the decorum rules. Chair reminded participants of compliance with the IEEE Code of Ethics required by all participants.

The chair asked if any clarification is needed on IEEE SA Policies. There was none.

Slide #6 - Chair noted that the information regarding the IEEE SA Policies had been sent out via the Task Force reflector , and requested that individuals review the following IEEE SA policies prior to the interim meeting –

- IEEE SA Patent policy
- IEEE SA Copyright Policy
- IEEE SA Participation Policy and IEEE Code of Ethics

Chair asked if anyone needed to review the policies at that time – there were no requests to do so from in-person nor remote attendees.

Chair presented the third slide (See Slide #23) 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 #28) 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 reminded participants of the IEEE Code of Ethics and Conduct. (See slide #31) He noted “All participants in IEEE-SA activities are expected to adhere to the core principles underlying the IEEE Code of Ethics and IEEE Code of Conduct”.

Chair presented the second slide (See Slide #32) 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 presented the third slide (See Slide #33) of the IEEE SA Participation Policy. Chair noted that IEEE-SA standards activities should allow the fair & equitable consideration of all viewpoints, and The IEEE-SA Standards Board Bylaws (clause 5.2.1.3) specifies that “the standards development process shall not be dominated by any single interest category, individual, or organization”.

The chair reminded participants to declare their affiliation in the online meeting tool.

The chair noted that individuals should fill out IMAT information for attendance.

Chair reminded participants of the presentation request deadline for the May 2026 interim session. The deadline was Thursday, 23 April 2026. Presentations would be due on Monday, 27 April 2026. (see: <https://www.ieee802.org/3/B400G/email/msg01848.html>)

Presentation #2	Rebuttal to Proposals to Shift 802.3dj TX/RX OMA Requirements
Presenter	Brian Welch
URL	https://www.ieee802.org/3/dj/public/adhoc/electrical/26_0421/welch_3dj_adhoc_01_260421.pdf

The material was reviewed and discussed.

Presentation #3	Refine the Tx OMA and Rx sensitivity OMA for DR and FR4-500
Presenter	Michael He
URL	https://www.ieee802.org/3/dj/public/adhoc/electrical/26_0421/he_m_3dj_adhoc_01b_260421.pdf

The material was reviewed and discussed. During the presentation, a copyright issue was raised. The author would provide an updated version ‘01b’ of the presentation to remove the copyrighted content.

Straw Poll #1

I support a reduction in Tx OMA_outer and Rx Sensitivity (OMA_outer) specs per he_m_3dj_adhoc_01a_260421

Y: 11, N: 26, A: 18

The chair noted that individuals should fill out IMAT information for attendance.

Presentation #4	Modal ERL Proposed Comment Overview
Presenter	Rich Mellitz
URL	https://www.ieee802.org/3/dj/public/adhoc/electrical/26_0421/mellitz_3dj_adhoc_01a_260421.pdf

The material was reviewed and discussed.

The chair noted that individuals should fill out IMAT information for attendance.

Presentation #5	Test Symbol Error Extrapolation
Presenter	Eric Maniloff
URL	https://www.ieee802.org/3/dj/public/adhoc/electrical/26_0421/maniloff_3dj_adhoc_01a_260421.pdf

The material was reviewed and discussed.

Presentation #6	Issues with TDECQ and the Associated DFE
Presenter	Norm Swenson
URL	https://www.ieee802.org/3/dj/public/adhoc/electrical/26_0421/swenson_3dj_adhoc_01c_260421.pdf

Ali Ghiasi, Pavel Zivny, and Rich Mellitz offered support to the presentation. The material was reviewed and discussed.

Presentation #7	Outer OMA Deep Dive
Presenter	Ahmad El-Chayeb
URL	https://www.ieee802.org/3/dj/public/adhoc/electrical/26_0421/el-chayeb_3dj_adhoc_01_260421.pdf

The material was reviewed and discussed.

Presentation #8	Error ratio requirements in receiver tests
Presenter	Adee Ran
URL	https://www.ieee802.org/3/dj/public/adhoc/electrical/26_0421/ran_3dj_adhoc_01_260421.pdf

The material was reviewed and discussed. Chair noted that there was an spreadsheet contribution associated with the presentation. (see: https://www.ieee802.org/3/dj/public/adhoc/electrical/26_0421/ran_3dj_adhoc_02_260421.xlsx)

Chair reminded participants of the presentation request deadline for the May 2026 interim session. The deadline was Thursday, 23 April 2026. Presentations would be due on Monday, 27 April 2026. (see: <https://www.ieee802.org/3/B400G/email/msg01848.html>)

Chair reminded participants that the P802.3dj May 2026 session begins on Tuesday, 5 May 2026. See the IEEE 802.3 Call and Meeting calendar for the details.

Meeting adjourned at 2:04 p.m. ET.

Attendees (per IMAT):

Name	Affiliation	Employer
Akinwale, Oluwafemi	Intel Corporation	Intel Corporation
Alloin, Laurent	Ciena Corporation	
Bernier, Eric	Huawei Technologies Canada; Huawei Technologies Co., Ltd	Huawei Technologies Canada Co., Ltd.
Bruckman, Leon	NVIDIA	NVIDIA
Calvin, John	Keysight Technologies	Keysight Technologies
Chang, Yongmao	Source Photonics	Inphi Corporation
Dawe, Piers J G	NVIDIA	NVIDIA
de Koos, Andras	Microchip Technology, Inc.	Microchip Technology Inc
Dsilva, Hansel	Amphenol Corporation	
Dudek, Michael	Marvell	Marvell
El-Chayeb, Ahmad	Keysight Technologies Inc	Keysight Technologies Inc
Galan, Jose	MaxLinear, Inc.	MaxLinear, Inc.
Ghiasi, Ali	Ghiasi Quantum LLC, MARVELL	Ghiasi Quantum LLC
Gonzalez, Dalisa	IEEE SA Staff	ieee sa
HE, MICHAEL	TeraHop Pte. Ltd.	TeraHop Pte. Ltd.
Healey, Adam	Broadcom Inc.	Broadcom Inc.
Heck, Howard	Intel Corporation	TE Connectivity
Hidaka, Yasuo	Credo Semiconductor	Credo Semiconductor

Name	Affiliation	Employer
Huber, Thomas	Nokia	Nokia
Issenhuth, Tom	Huawei Technologies Co., Ltd	Issenhuth Consulting, LLC
Johnson, John	Broadcom	Broadcom Corporation
Kochuparambil, Elizabeth	Cisco Systems, Inc.	Cisco Systems, Inc.
Kugel, Valery	Juniper Networks, Inc.	
Law, David	Hewlett Packard Enterprise	Hewlett Packard Enterprise
Lessard, Stephane	Ericsson AB	Ericsson AB
Li, Mike-Peng	Advanced Micro Devices (AMD)	Altera Corporation
Li, Pei-Rong	MediaTek Inc.	MediaTek Inc.
Little, Terrance	Foxconn Electronics Inc.	Foxconn Electronics Inc.
Liu, Cathy	Broadcom	Broadcom Corporation
Lusted, Kent	Synopsys, Inc.	Synopsys, Inc.
Maki, Jeffery	Juniper Networks, Inc.	Hewlett Packard Enterprise
Maniloff, Eric	Ciena Corporation	Ciena Corporation
Mascitto, Marco	Nokia	Infinera Canada Inc.
Mellitz, Richard	Samtec, Inc.	Samtec, Inc.
Mitcheltree, Tom	US Conec, Ltd.	US Conec, Ltd.
MURAKAMI, YUKI	1Finity	1Finity
Muth, Karlheinz	Broadcom Corporation	Broadcom Corporation
Nowell, Mark	Cisco Systems, Inc.	Cisco Systems, Inc.

Name	Affiliation	Employer
Osorio, Luz	Nokia	
Palkert, Thomas	Samtec, Inc., Macom	Samtec, Inc.
Peng, BC	MediaTek Inc.	
Rabinovich, Rick	Keysight Technologies	Keysight Technologies
Ran, Adee	Cisco Systems, Inc.	Cisco Systems, Inc.
Ransford, Michael	Corning Incorporated	
Ren, Hao	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Sakai, Toshiaki	Socionext	Socionext Inc.
Sekel, Steve	Wilder Technologies	Wilder Technologies
Shakiba, Mohammad	Huawei Technologies Canada; Huawei Technologies Co., Ltd	Huawei Technologies Canada Co., Ltd.
Simms, William	NVIDIA Corporation	NVIDIA Corporation
Slavick, Jeff	Broadcom Inc	Broadcom Inc
Sommers, Scott	Molex Incorporated	Molex LLC
Swenson, Norman	Norman Swenson Consulting; Point2 Technology Inc., Nokia	Norman Swenson Consulting
TAKAHARA, TOMOO	FUJITSU	FUJITSU LABORATORIES LIMITED
Tracy, Nathan	TE Connectivity	TE Connectivity
Weaver, James	Arista Networks	Arista Networks
Wingrove, Michael	Ciena Corporation	Ciena Corporation
xu, wenxiong	HGGenuine	HG Genuine

Name	Affiliation	Employer
YANG, Yumeng	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd