IEEE P802.3dj Task Force – Joint Logic and Optics Ad hoc meeting

19 December 2024 Ad hoc Electronic Teleconference Meeting
Unapproved Meeting Minutes, Prepared by Gary Nicholl and Mark Nowell
Meeting called to order at 10:02 am (all times ET) by Mark Nowell, who was chairing the meeting.

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

Presentation #1	Agenda and General Information
Presenter	Mark Nowell
URL	https://www.ieee802.org/3/dj/public/adhoc/optics/1224_OPTX/agenda_3dj_optx_logic_01a_241219.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 were none.

The chair reminded participants to declare their affiliation on Webex.

The chair reminded participants about the next joint logic/optics/electrical ad-hoc on Thursday, Jan 9 (see slide 6 in the Agenda slides for more details and deadlines).

The chair reminded participants that the P802.3dj D1.3 TF review closes on **2 Jan 2025, AOE** and that presentation requests for the January 2025 Interim meeting are due by **9 Jan 2025 AOE** (mentioning that a supporting presentation will be provided in the suggested remedy of a comment is not sufficient !) with presentations due by **13 Jan 2025 AOE** (see John's email https://www.ieee802.org/3/B400G/email/msg01356.html).

Presentation #2	How to derive the receiver sensitivity from waterfall curves for 802.3dj applications
Presenter	Peter Stassar, Huawei
URL	https://www.ieee802.org/3/dj/public/adhoc/optics/1224_OPTX/stassar_3dj_optx_01a_241219.pdf

The material was reviewed and discussed.

Since it was mentioned during the presentation, the chair clarified that he is running an unofficial weekly meeting for anyone interested in SMF, IMDD topics to meet and discuss on relevant topics. The goal of the meeting is to facilitate communication and collaboration yielding contributions out into the Task force meetings. Anyone who is interested in participating, please reach out to the chair.

Presentation #3	Improving TDECQ Test Definition
Presenter	Ali Ghiasi, Ghiasi Quantum/Marvel
URL	https://www.ieee802.org/3/dj/public/adhoc/optics/1224_OPTX/ghiasi_3dj_optx_01a_241219.pdf

The material was reviewed and discussed.

The chair noted that there was no IMAT set up for today. Meeting attendance will be retrieved from the Webex tool.

Presentation #4	800GBASE-LR1 Permutation function Figure 184-3 update
Presenter	Leon Bruckman, Nvidia
URL	https://www.ieee802.org/3/dj/public/adhoc/optics/1224_OPTX/bruckman_3dj_optx_01_241219.pdf

The material was reviewed and discussed.

Presentation #5	800G-ER1 AML field specification improvements
Presenter	Jeff Slavick, Broadcom
URL	https://www.ieee802.org/3/dj/public/adhoc/optics/1224_OPTX/slavick_3dj_optx_01_241219.pdf

The material was reviewed and discussed.

The chair reminded participants about the next joint logic/optics/electrical ad-hoc on Thursday, Jan 9 (see slide 6 in the Agenda slides for more details and deadlines).

The chair reminded participants that the P802.3dj D1.3 TF review closes on **2 Jan 2025, AOE** and that presentation requests for the January 2025 Interim meeting are due by **9 Jan 2025 AOE** (mentioning that a supporting presentation will be provided in the suggested remedy of a comment is not sufficient !) with presentations due by **13 Jan 2025 AOE** (see John's email https://www.ieee802.org/3/B400G/email/msg01356.html).

Meeting adjourned at 12:00 pm ET.

Attendees (taken from the Webex tool)

Adee Ran [Cisco]

Ali Ghiasi [Ghiasi Quantum]

Andras de Koos [Microchip]

Andy Moorwood[Keysight Technologies]

Angie Lambert [Corning]

Chan Chih (David) Chen [AOI]

Charles Park [Juniper Networks]

Chris Cole, Coherent

David Malicoat (Independent/Senko)

David Ofelt (Juniper Networks)

Eric Bernier [Huawei]

Eric Maniloff (Ciena)

Ernest Muhigana (Lumentum)

Eugene Opsasnick [Broadcom]

Evan Smith [Tektronix]

Frank Chang [Source Photonics]

Gary Landry [Texas Instruments]

Gary Nicholl (Cisco)

Guangcan Mi/Huawei

Hideki Isono(Fujitsu Optical Components)

Howard Heck [TE}

Inho Kim [Coherent]

Jeff Slavick <broadcom>

Jeffery Maki [Juniper Networks]

Jock Bovington [Cisco]

John Calvin [Keysight Technologies]

John D'Ambrosia, Futurewei, U.S. Subsidiary of Huawei

John Johnson (Broadcom)

Kam Yan Hon [Cisco]

Kechao Huang - Huawei

Kenneth Jackson [Sumitomo]

Leon Bruckman [Nvidia]

Likai Zhu [Credo]

Mabud Choudhury (OFS)

Marco Mascitto (Infinera)

Marco Mazzini [Cisco]

Mark Nowell [Cisco]

Matt Brown (Alphawave)

Michael He, InnoLight

Mike Davis (Sicoya)

Mike Dudek (Marvell)

Mike Sluyski - Cisco Systems Inc.

Nobuhiko Kikuchi [Hitachi]

Peter Stassar (Huawei)

Phil Sun - Credo

Phong Pham (Novate Systems)

Piers Dawe (Nvidia)

Pirooz Tooyserkani [Cisco]

Ramana Murty [Broadcom]

Ray Nering-Cisco

Robert jin montage technology inc

Roberto Rodes [Coherent]

Ruoxu Wang - Huawei

Ryan Yu, InnoLight

Shimon Muller [Enfabrica]

Shuang Yin [Google]

Sisi Tan [Huawei]

Tom Huber [Nokia]

Tom Issenhuth - Huawei

Tom Palkert, Samtec, Macom

Tyler Royer [Senko]

Viet Tran (Keysight Technologies)

Xiang He [Huawei]

Yasuo Hidaka [Credo]

Yojiro Watanabe [Mitsubishi Electric]

Yuefeng Cai [Huawei]

Yuki Murakami [Fujitsu]

Yung Son [Optomind]