

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

29 July 2024 Ad hoc Electronic Teleconference Meeting

Unapproved Meeting Minutes, Prepared by Gary Nicholl and Mark Nowell

Meeting called to order at 10:03 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/0824_OPTX/agenda_3dj_optx_logic_01a_240829.pdf

The chair noted that there were two late presentation requests. The slides are posted on the website and we will review them if time permits.

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.

John D'Ambrosia, P802.3dj Task Force Chair, reminded participants to declare their affiliation on Webex and that failure to do so would result in expulsion from the meeting.

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 noted that individuals should fill out IMAT information for attendance. IMAT information was posted in the chat window.

Presentation #2	Supporting information for D1.1 comments on chromatic dispersion specifications
Presenter	John Johnson
URL	https://www.ieee802.org/3/dj/public/adhoc/optics/0824_OPTX/johnson_3dj_optx_01_240829.pdf

The material was reviewed and discussed.

Presentation #3	Transceiver level wavelength distribution statistics for CD spec. discussions
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Presenter	Ryan Yu
URL	https://www.ieee802.org/3/dj/public/adhoc/optics/0824_OPTX/3dj_optx_01a_240829.pdf

The material was reviewed and discussed.

Presentation #4	An in-depth look at PMD and DGD scenarios for 50 Gbaud, 100 Gbaud and 200 Gbaud IMDD links
Presenter	Vince Ferretti
URL	https://www.ieee802.org/3/dj/public/adhoc/optics/0824_OPTX/ferretti_3dj_optx_01b_240829.pdf

The material was reviewed and discussed.

An updated 01b version was posted with corrections noted

The chair noted that individuals should fill out IMAT information for attendance. IMAT information was posted in the chat window. The chair reminded participants to declare their affiliation on Webex.

Presentation #5	Preview: Supporting Material – TQM Related Comments (259, 260) for 800GBASE-LR1, 800GBASE-ER1-20, 800GBASE-ER1
Presenter	Tom Issenhuth
URL	https://www.ieee802.org/3/dj/public/adhoc/optics/0824_OPTX/dambrosia_3dj_optx_01_240829.pdf

The material was reviewed and discussed.

The chair noted that individuals should fill out IMAT information for attendance. IMAT information was posted in the chat window. The chair reminded participants to declare their affiliation on Webex.

Break at 12:03 pm ET. Resumed at 12:08 pm ET.

Chair reminded participants about a potential issue with IMAT affiliations being reverted and requested participants go into IMAT and check their affiliation.

Presentation #6	DR / DR-x MDI: Support for Breakout (Comments #341 and #342)
Presenter	John D'Ambrosia
URL	https://www.ieee802.org/3/dj/public/adhoc/optics/0824_OPTX/dambrosia_3dj_optx_02_240829.pdf

The material was reviewed and discussed.

There was enough remaining time to allow presentation of the two late contributions.

Presentation #7	Effects of random and deterministic jitter on FEC performance
Presenter	Adee Ran
URL	https://www.ieee802.org/3/dj/public/adhoc/optics/0824_OPTX/ran_3dj_optx_01_240829.pdf

This contribution was presented previously in 8/22/2024 electrical ad hoc.

The material was reviewed and discussed.

The chair reminded participants to sign into the IEEE Meeting and Attendance (IMAT) and to declare their affiliation on Webex.

John D'Ambrosia, P802.3dj Task Force Chair, reminded participants that presentation requests for the September Interim meeting are due by Thursday Sept 5, AOE and presentations are due by Monday, 09 Sept 2024 AOE (see John's email on Friday 26 July for more details, <https://www.ieee802.org/3/B400G/email/msg01228.html>) . D1.1 bucket comments will be posted on Aug 29 and a motion will be taken during the Sept 5 meeting to close the remaining bucket items.

Presentation #8	AUI architecture and ILT signaling
Presenter	Matt Brown
URL	https://www.ieee802.org/3/dj/public/adhoc/optics/0824_OPTX/brown_3dj_optx_01_240829.pdf

The material was reviewed and discussed.

Meeting adjourned at 1:04pm ET.

Attendees

Name	Employer	Affiliation
Bernier, Eric	Huawei Technologies Canada Co., Ltd.	Huawei Technologies Canada; Huawei Technologies Co., Ltd
Bovington, Jock	Cisco Systems, Inc.	Cisco Systems, Inc.
Bruckman, Leon	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Calvin, John	Keysight Technologies	Keysight Technologies
Castro, Jose	Panduit	Panduit
Choudhury, Golam	OFS	OFS
D'Ambrosia, John	Futurewei Technologies, U.S. Subsidiary of Huawei	Futurewei Technologies, U.S. Subsidiary of Huawei
Dawe, Piers J G	NVIDIA	Nvidia
Dedic, Charlie		1-VIA
Dudek, Michael	Marvell	Marvell
El-Chayeb, Ahmad	Keysight Technologies Inc	Keysight Technologies Inc
Fan, Qirui		Huawei Technologies Co., Ltd
Ferretti, Vincent	Corning Incorporated	Corning Incorporated
Ghiasi, Ali	Ghiasi Quantum LLC	Ghiasi Quantum LLC
Gui, Tao		Huawei Technologies Co., Ltd
Harstead, Ed	Nokia	Nokia
He, Michael		Innolight Technology Corproation
Heck, Howard	Intel	Intel Corporation
Huang, Kechao	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Huber, Thomas	Nokia	Nokia
Huebner, Bernd	Cisco Systems, Inc.	Cisco Systems

Issenhuth, Tom	Issenhuth Consulting, LLC	Huawei Technologies Co., Ltd
Jackson, Kenneth	Sumitomo Electric Industries, LTD	Sumitomo Electric Industries, LTD
Johnson, John	Broadcom Corporation	Broadcom
Kikuchi, Nobuhiko		Hitachi, Ltd.
Kim, Kihong/Joshua	Hirose Electric (USA), Inc.	Hirose Electric (USA), Inc.
Li, Pei-Rong	MediaTek Inc.	MediaTek Inc.
Little, Terrance	Foxconn Electronics Inc.	Foxconn Electronics Inc.
LIU, XIANG		Huawei Technologies Co., Ltd
Lusted, Kent	Intel	Intel
Malicoat, David	Malicoat Networking Solutions	Malicoat Networking Solutions; SENKO Advanced Components
Maniloff, Eric	Ciena Corporation	Ciena Corporation
mi, guangcan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Mitcheltree, Tom	US Conec, Ltd.	US Conec, Ltd.
Mohajeri, Hessam	Ensphere Solutions	Gemin Microsystems
Muhigana, Ernest		Lumentum
Muller, Shimon	Enfabrica Corp.	Enfabrica
Muth, Karlheinz	Broadcom Corporation	Broadcom Corporation
Nering, Raymond	Cisco Systems, Inc.	Cisco Systems, Inc.
Nicholl, Gary	Cisco Systems, Inc.	Cisco Systems, Inc.
Nowell, Mark	Cisco Systems, Inc.	Cisco Systems, Inc.
Ofelt, David	Juniper Networks, Inc.	Juniper Networks, Inc.
PARK, CHUL SOO	Juniper Networks Inc.	Juniper Networks, Inc.
Parsons, Earl	CommScope, Inc.	CommScope, Inc.
Pham, Phong	US Conec, Ltd.	US Conec, Ltd.
Rahman, Wahid	University of California - Berkeley	University of California - Berkeley
Ran, Adee	Cisco Systems, Inc.	Cisco Systems, Inc.

Sakai, Toshiaki	Socionext Inc.	Socionext
Sheffi, Nir	Alphawave	Alphawave
Sikkink, Mark	Hewlett Packard Enterprise	Hewlett Packard Enterprise
Simms, William	NVIDIA Corporation	NVIDIA Corporation
Sluyski, Mike	Cisco Systems, Inc.	Cisco Systems Inc.
Sommers, Scott	Molex LLC	Molex Incorporated
Son, Yung Sung	Optomind Inc	Optomind Inc
Sun, Junqing	Credo Semiconductor	Credo Semiconductor
Swenson, Norman	Norman Swenson Consulting	Norman Swenson Consulting; Point2 Technology Inc.
TAN, SISI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Tracy, Nathan	TE Connectivity	TE Connectivity
Watanabe, Yojiro		Mitsubishi Electric Corporation
Yin, Shuang		Google
Yu, Rang-Chen	Innolight Technology Corproation	Innolight Technology Corproation