

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

25 April 2024 Ad hoc Electronic Teleconference Meeting

Unapproved Meeting Minutes, Prepared by Gary Nicholl and Mark Nowell

Meeting called to order at 10:01 am (all times ET) by Mark Nowell, who was chairing the meeting.

Presentation #1	Agenda and General Information
Presenter	Mark Nowell
URL	<a href="https://www.ieee802.org/3/dj/public/adhoc/optics/0424_OPTX/agenda_3dj_optx_logic_01_240425.pdf">https://www.ieee802.org/3/dj/public/adhoc/optics/0424_OPTX/agenda_3dj_optx_logic_01_240425.pdf</a>

The chair asked if there were any modifications for 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 asked if there were any corrections to the previous ad hoc minutes (11 April 2024). There were none, and the minutes were 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.

John D’Ambrosia, P802.3dj Task Force Chair, noted that individuals should fill out IMAT information for attendance.

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

Chair reviewed the big-ticket items for logic and optics (slide 6).

John D’Ambrosia, P802.3dj Task Force Chair, reminded participants about the previous situation related to TQM (transmitter quality metric) in 3cw and reinforced Chair’s comments that TQM is a critical topic and has the potential to delay the project.

John D’Ambrosia, P802.3dj Task Force Chair, reminded participants that presentation requests for the May Interim meeting are due by May 2, and that comments against IEEE P802.3dj D1.0 are also due by May 2 (AOE).

Presentation #2	IEEE Std 802.3 Clause 90 Ethernet support for time synchronization protocols
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Presenter	David Law
URL	<a href="https://www.ieee802.org/3/dj/public/adhoc/optics/0424_OPTX/law_3dj_optx_01a_240425.pdf">https://www.ieee802.org/3/dj/public/adhoc/optics/0424_OPTX/law_3dj_optx_01a_240425.pdf</a>

The material was reviewed and discussed.

Presentation #3	Market need and technical feasibility of 1.6T-LR8
Presenter	Mingqing Zuo
URL	<a href="https://www.ieee802.org/3/dj/public/adhoc/optics/0424_OPTX/zuo_3dj_optx_01b_240425.pdf">https://www.ieee802.org/3/dj/public/adhoc/optics/0424_OPTX/zuo_3dj_optx_01b_240425.pdf</a>

The material was reviewed and discussed.

Chair reminded participants to sign into the IEEE Meeting and Attendance (IMAT)

Presentation #4	PMA with RS-FEC symbol multiplexing test vectors
Presenter	Arnon Loewenthal
URL	<a href="https://www.ieee802.org/3/dj/public/adhoc/optics/0424_OPTX/lowenthal_3dj_optx_01a_240425.pdf">https://www.ieee802.org/3/dj/public/adhoc/optics/0424_OPTX/lowenthal_3dj_optx_01a_240425.pdf</a>

The material was reviewed and discussed.

The author agreed to update a new version (01b) to correct the technical error pointed out by Eugene (

Chair reminded participants of the deadline to make a contribution request for the May interim meeting, and also the deadline for submitting comments against 802.3dj D1.0.

Meeting adjourned at 11:38 am ET.

Attendees

Bernier, Eric	Huawei Technologies Canada Co., Ltd.	Huawei Technologies Canada Co., Ltd.
Bovington, Jock	Cisco Systems, Inc.	Cisco Systems, Inc.
Bruckman, Leon	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Cai, Yuefeng	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Chappell, Neveia	Keysight Technologies	Keysight Technologies
Cox, Ian		Broadcom Corporation
D'Ambrosia, John	Futurewei Technologies, U.S. Subsidiary of Huawei	Futurewei Technologies, U.S. Affiliate of Huawei
Dawe, Piers J G	NVIDIA	Nvidia
de Koos, Andras	Microchip Technology Inc	Microchip Technology Inc
Del Vecchio, Peter	Broadcom Corporation	Broadcom Corporation
Dudek, Michael	Marvell	Marvell
Fan, Qirui		Huawei Technologies Co., Ltd
Ferretti, Vincent	Corning Incorporated	Corning Incorporated
Ghiasi, Ali	Ghiasi Quantum LLC	Ghiasi Quantum LLC; Marvell Semiconductor, Inc.
Gorshe, Steven Scott	Microchip Technology, Inc.	Microchip Technology, Inc.
Gui, Tao		Huawei Technologies Co., Ltd
Hajduczenia, Marek	Charter Communications	Charter Communications
Harstead, Ed	Nokia	Nokia
He, Xiang	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Healey, Adam	Broadcom Inc.	Broadcom Inc.
Hidaka, Yasuo	Credo Semiconductor	Credo Semiconductor
Huang, Kechao	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Huber, Thomas	Nokia	Nokia
Issenhuth, Tom	Issenhuth Consulting, LLC	Huawei Technologies Co., Ltd
Jackson, Kenneth	Sumitomo Electric Industries, LTD	Sumitomo Electric Industries, LTD
Johnson, John	Broadcom Corporation	Broadcom Corporation
Kikuchi, Nobuhiko		Hitachi, Ltd.
Kim, Kihong/Joshua	Hirose Electric (USA), Inc.	Hirose Electric (USA), Inc.
Kimber, Eric	Semtech Ltd	Semtech Ltd
Klaps, Bert	Intel	Huawei Technologies Duesseldorf GmbH
Lambert, Angela	Corning Incorporated	Corning Incorporated

Law, David	Hewlett Packard Enterprise	Hewlett Packard Enterprise
Liu, Cathy	Broadcom Corporation	Broadcom Corporation
LIU, XIANG		Huawei Technologies Co., Ltd
Loewenthal, Arnon	Alphawave	Alphawave Semi
Maki, Jeffery	Juniper Networks, Inc.	Juniper Networks, Inc.
Malicoat, David	Malicoat Networking Solutions	Malicoat Networking Solutions; SENKO Advanced Components
Maniloff, Eric	Ciena Corporation	Ciena Corporation
Mellitz, Richard	Samtec, Inc.	Samtec, Inc.
Mohajeri, Hessam	Ensphere Solutions	HM Consulting
Moorwood, Charles	Keysight Technologies	Keysight Technologies
Muhigana, Ernest		Lumentum
Muller, Shimon	Enfabrica Corp.	Enfabrica
MURAKAMI, YUKI	FUJITSU LIMITED	Fujitsu Limited
Muth, Karlheinz	Broadcom Corporation	Broadcom Corporation
Nering, Raymond	Cisco Systems, Inc.	Cisco Systems, Inc.
Nicholl, Gary	Cisco Systems, Inc.	Cisco Systems, Inc.
Ninomiya, Takuya		Senko Advanced Components
Nowell, Mark	Cisco Systems, Inc.	Cisco Systems, Inc.
Ofelt, David	Juniper Networks, Inc.	Juniper Networks, Inc.
Opsasnick, Eugene	Broadcom Inc.	Broadcom Inc.
PARK, CHUL SOO	Juniper Networks Inc.	Juniper Networks, Inc.
Parsons, Earl	CommScope, Inc.	CommScope, Inc.
Parthasarathy, Vasu	Broadcom Corporation	Broadcom Corporation
Rabinovich, Rick	Keysight Technologies	Keysight Technologies
Ran, Adee	Cisco Systems, Inc.	Cisco Systems, Inc.
Rechtman, Zvi	NVIDIA	NVIDIA
Sakai, Toshiaki	Socionext Inc.	socionext
Sikkink, Mark	Hewlett Packard Enterprise	Hewlett Packard Enterprise
Simms, William	NVIDIA Corporation	NVIDIA Corporation
Sinn, Peter		Alphawave IP
Sommers, Scott	Molex LLC	Molex Incorporated
Son, Yung Sung	Optomind Inc	Optomind Inc

Sprague, Edward	Infinera Corporation	Infinera Corporation
Stassar, Peter	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
TAN, SISI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Tan, Yuxuan		Motorcomm
Tracy, Nathan	TE Connectivity	TE Connectivity
Tran, Viet	Keysight Technologies	Keysight Technologies
Tse, Richard	Microchip Technology, Inc.	Microchip Technology, Inc.
Watanabe, Yojiro		Mitsubishi Electric US, Inc.
Welch, Brian	Cisco Systems, Inc.	Luxtera
Williams, Tom	Cisco Systems, Inc.	Cisco Systems, Inc.
Wingrove, Michael	Ciena Corporation	Ciena Corporation
Yin, Shuang		Google
Zuo, Mingqing		China Mobile Research Institute