

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

19 October 2023 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.

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

Presentation #1	Agenda and General Information
Presenter	Mark Nowell
URL	<a href="https://www.ieee802.org/3/dj/public/adhoc/optics/1023_OPTX/agenda_3dj_optx_logic_01a_231019.pdf">https://www.ieee802.org/3/dj/public/adhoc/optics/1023_OPTX/agenda_3dj_optx_logic_01a_231019.pdf</a>

Chair noted that the 2 November meeting will be a joint 3df/3dj logic/optical ad hoc meeting.

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 noted that there were no minutes to approve as the last ad hoc meeting minutes were approved already in the September Task Force meeting.

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.

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.

Eric Bernier noted that he had an updated contribution with additional supporters. He agreed to provide an updated version '01b'.

Eric Bernier was having audio issues. Chair asked if there was any issue in swapping the presentation order. No one objected.

Presentation #2	Test Validation of 800G-LR4 Transceivers
Presenter	Xiang Liu

URL	<a href="https://www.ieee802.org/3/dj/public/adhoc/optics/1023_OPTX/liu_3dj_optx_01a_231019.pdf">https://www.ieee802.org/3/dj/public/adhoc/optics/1023_OPTX/liu_3dj_optx_01a_231019.pdf</a>
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The material was reviewed and discussed.

John D'Ambrosia, P802.3dj Task Force Chair, reminded participants to declare affiliation in the online meeting tool.

Presentation #3	Enablement of multiple FEC modes for single-wavelength 200 Gb/s per lane 500 m and 2 km PMDs
Presenter	Eric Bernier
URL	<a href="https://www.ieee802.org/3/dj/public/adhoc/optics/1023_OPTX/bernier_3dj_optx_01b_231019.pdf">https://www.ieee802.org/3/dj/public/adhoc/optics/1023_OPTX/bernier_3dj_optx_01b_231019.pdf</a>

The material was reviewed and discussed.

John D'Ambrosia, as P802.3dj Task Force Chair, noted that proposal 'Option B' read more an implementation specification than a standards proposal.

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

Chair asked John D'Ambrosia, as P802.3dj Task Force Chair, to provide his perspective on the procedural issues related to the current Task Force discussions around FEC modes. He noted the following:

- Lack of consensus on the FECo and FECi topics has schedule implications.
- A proposal for a single PHY was brought forward in September and there was strong opposition against it.
- If the task force decides to go down a two PHY path then there are procedural and process items that need to be addressed.
- Reminded participants that the P802.3dj Task Force is an "errand child" of the 802.3 Working Group which owns the project.
- Noted that he will be reporting on the status of this issue to the 802.3 Working Group in November Plenary.

John D'Ambrosia reminded participants of the P802.3df electronic meeting on 28-29 November.

Chair reminded participants of the next 3df/3dj logic/optical ad-hoc meeting on 2 November.

Chair reiterated his request for test data.

Kent Lusted reminded participants of the next 3dj electrical ad-hoc meeting on 26 October.

Meeting adjourned at 12:03pm ET

## Attendees

<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
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
Chan Carusone Anthony	Alphawave Semi	Alphawave Semi
Chang Yongmao	Source Photonics	Inphi Corporation
Chappell Neveia	Keysight Technologies	Keysight Technologies
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
Deandrea John	Finisar Corporation	Finisar Corporation
de Koos Andras	Microchip Technology, Inc.	Microchip Technology Inc
Del Vecchio Peter	Broadcom Corporation	
Dudek Michael	Marvell	Marvell
Erven Chad	Semtech Ltd	Semtech Ltd
Geng Limin	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd

Ghiasi Ali	Ghiasi Quantum LLC; Marvell Semiconductor, Inc.	Ghiasi Quantum LLC
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
Huang Xuejue	Intel Corporation	
Huber Thomas	Nokia	Nokia
Issenhuth Tom	Huawei Technologies Co., Ltd	Issenhuth Consulting, LLC
Jackson Kenneth	Sumitomo Electric Industries, LTD	Sumitomo Electric Industries, LTD
Johnson John	Broadcom Corporation	Broadcom Corporation
Kikuchi Nobuhiko	Hitachi, Ltd.	
Koehler Daniel	Synopsys, Inc.	MorethanIP
Lambert Angela	Corning Incorporated	Corning Incorporated
Le Cheminant Greg	Keysight Technologies	Keysight Technologies
Li Pei-Rong	MediaTek Inc.	MediaTek Inc.
Liu Cathy	Broadcom Corporation	Broadcom Corporation
Liu Karen	Nubis Communications	Nubis Communications
Lusted Kent	Intel	Intel

Malicoat David	Malicoat Networking Solutions; SENKO Advanced Components	Malicoat Networking Solutions
Maniloff Eric	Ciena Corporation	Ciena Corporation
Marris Arthur	Cadence Design Systems, Inc.	Cadence Design Systems, Inc.
Mellitz Richard	Samtec, Inc.	Samtec, Inc.
mi guangcan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Moorwood Charles	Keysight Technologies	Keysight Technologies
Muhigana Ernest	Lumentum	
Muller Shimon	Enfabrica	Enfabrica Corp.
Muth Karlheinz	Broadcom Corporation	Broadcom Corporation
Nicholl Gary	Cisco Systems, Inc.	Cisco Systems, Inc.
Nowell Mark	Cisco Systems, Inc.	Cisco Systems, Inc.
Ofelt David	Juniper Networks, Inc.	Juniper Networks, Inc.
Opsasnick Eugene	Broadcom Inc.	Broadcom Inc.
Parthasarathy Vasu	Broadcom Corporation	Broadcom Corporation
Rabinovich Rick	Keysight Technologies	Keysight Technologies
Rechtman Zvi	NVIDIA	NVIDIA
Ren Hao	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Rodes Roberto	II-VI	II-VI
Sakai Toshiaki	socionext	Socionext Inc.

Sella Omer	Imperial College London	
Sikkink Mark	Hewlett Packard Enterprise	Hewlett Packard Enterprise
Simms William	NVIDIA Corporation	NVIDIA Corporation
Sommers Scott	Molex Incorporated	Molex LLC
Son Yung Sung	Optomind Inc	Optomind Inc
Sprague Edward	Infinera Corporation	Infinera Corporation
Stassar Peter	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Sun Junqing	Credo Semiconductor	Credo Semiconductor
TAN SISI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Tracy Nathan	TE Connectivity	TE Connectivity
Ulrichs Ed	Intel	Intel
Wang Haojie	China Mobile Communications Corporation (CMCC)	China Mobile Communications Corporation (CMCC)
Welch Brian	Luxtera	Cisco Systems, Inc.
Yin Shuang	Google	