

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

29 August 2023 Ad hoc Electronic Teleconference Meeting

Unapproved Meeting Minutes, Prepared by Mark Gustlin and Mark Nowell

Meeting called to order at 10:00 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: https://www.ieee802.org/3/dj/public/adhoc/optics/0823_OPTX/agenda_3dj_optx_logic_01_230829.pdf

The chair asked if there were any modifications for the agenda (See slide #2) – there were none.

There were no other objections to the approval of the agenda, and it was considered approved by unanimous consent.

The minutes from the previous ad hoc were approved without comment.

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.

Presentation #2 DGD_{max} specification for 10km Ethernet

Presenter Maxim Kuschnerov

URL https://www.ieee802.org/3/dj/public/adhoc/optics/0823_OPTX/kuschnerov_3dj_optx_01_230829.pdf

The material was reviewed and discussed.

Vince Ferriti shared that the ITU is working on the methodology and data gathering from its member companies and hoping to make a recommendation in their November meeting which will hopefully be liaised to P802.3dj ahead of our January meeting.

Presentation #3 Study on the Dependence of TDECQ on SER

Presenter Xiang Liu

URL https://www.ieee802.org/3/dj/public/adhoc/optics/0823_OPTX/liu_3dj_logic_01a_230829.pdf

The material was reviewed and discussed. He will update the slides and note that they are experts associated with the affiliation.

Presentation #4 Considering FEC Bypass

Presenter John D'Ambrosia

URL https://www.ieee802.org/3/dj/public/adhoc/optics/0823_OPTX/dambrosia_3dj_optx_01_a_230829.pdf

The material was reviewed and discussed. John will provide an updated version 1a.

Presentation #5 Discussion: FEC Bypass topic

Presenter Mark Nowell

URL https://www.ieee802.org/3/dj/public/adhoc/optics/0823_OPTX/nowell_3dj_optx_01_23_0829.pdf

The material was reviewed and discussed.

Reminders were given for the electrical ad hoc on Thursday and the presentation request deadline (also Thursday) for the September Interim meeting.

Future Meetings:

It is anticipated that future ad hoc meetings will happen between the September and November Task Force meetings

Meeting adjourned at 1:00pm ET

Attendees (per IMAT) to be updated!!

Name	Employer	Affiliation
Bernier, Eric	Huawei Technologies Canada Co., Ltd.	Huawei Technologies Canada Co., Ltd.
Brown, Matthew	Alphawave	Alphawave
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

Chang, Yongmao	Inphi Corporation	Source Photonics
Chappell, Neveia	Keysight Technologies	Keysight Technologies
Chen, Chan	Self Employed	Independent/AOI
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
Geng, Limin	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Ghiasi, Ali	Ghiasi Quantum LLC	Ghiasi Quantum LLC; Marvell Semiconductor, Inc.
Gui, Tao		Huawei Technologies Co., Ltd
Gustlin, Mark	Cisco Systems, Inc.	Cisco Systems, Inc.
Harstead, Ed	Nokia	Nokia
He, Xiang	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Healey, Adam	Broadcom Inc.	Broadcom Inc.
Heck, Howard	Intel	Intel
Hidaka, Yasuo	Credo Semiconductor	Credo Semiconductor
Huang, Kechao	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Hutchins, Jeff	Ranovus	Ranovus
Ingham, Jonathan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Issenhuth, Tom	Issenhuth Consulting, LLC	Huawei Technologies Co., Ltd
Johnson, John	Broadcom Corporation	Broadcom Corporation
Kareti, Upen	Cisco Systems, Inc.	Cisco Systems, Inc.
Kim, Inho	MaxLinear	MaxLinear
Kim, Kihong/Joshua	Hirose Electric (USA), Inc.	Hirose Electric (USA), Inc.

Kimber, Eric	Semtech Ltd	Semtech Ltd
Kondo, Taiji	MegaChips Corporation	Dexerials Corporation
Kuschnerov, Maxim	Huawei Technologies Duesseldorf GmbH	Huawei Technologies Duesseldorf GmbH
Lambert, Angela	Corning Incorporated	Corning Incorporated
Le Cheminant, Greg	Keysight Technologies	Keysight Technologies
Li, Pei-Rong	MediaTek Inc.	MediaTek Inc.
LIU, XIANG		Huawei Technologies Co., Ltd
Loewenthal, Arnon	Alphawave	Alphawave Semi
Lusted, Kent	Intel	Intel
Maki, Jeffery	Juniper Networks, Inc.	Juniper Networks, Inc.
Maniloff, Eric	Ciena Corporation	Ciena Corporation
mi, guangcan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Moorwood, Charles	Keysight Technologies	Keysight Technologies
Muhigana, Ernest		Lumentum
Muller, Shimon	Enfabrica Corp.	Enfabrica
MURAKAMI, YUKI	FUJITSU LIMITED	Fujitsu Limited
Nering, Raymond	Cisco Systems, Inc.	Cisco Systems, Inc.
Nowell, Mark	Cisco Systems, Inc.	Cisco Systems, Inc.
Ofelt, David	Juniper Networks, Inc.	Juniper Networks, Inc.
Omori, Kumi	NEC Corporation	NEC Corporation
Opsasnick, Eugene	Broadcom Inc.	Broadcom Inc.
PARK, CHUL SOO	Juniper Networks Inc.	Juniper Networks, Inc.
Rabinovich, Rick	Keysight Technologies	Keysight Technologies
Ran, Adee	Cisco Systems, Inc.	Cisco Systems, Inc.
Ren, Hao	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd

Rodes, Roberto	II-VI	II-VI
Sakai, Toshiaki	Socionext Inc.	socionext
Shoval, Ayal	Synopsys, Inc.	Synopsys, Inc.
Sikkink, Mark	Hewlett Packard Enterprise	Hewlett Packard Enterprise
Sommers, Scott	Molex LLC	Molex Incorporated
Son, Yung Sung	Optomind Inc	Optomind Inc
Sorbara, Massimo	GLOBALFOUNDRIES	GLOBALFOUNDRIES
Stassar, Peter	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
TAN, SISI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Tooyserkani, Pirooz	Cisco Systems, Inc.	Cisco Systems, Inc.
Tran, Viet	Keysight Technologies	Keysight Technologies
Ulrichs, Ed	Intel	Intel
Welch, Brian	Cisco Systems, Inc.	Luxtera
Williams, Tom	Cisco Systems, Inc.	Cisco Systems, Inc.
Xu, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Yin, Shuang		Google
Zhuang, Yan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd