

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

31 October 2024 Ad hoc Electronic Teleconference Meeting

Unapproved Meeting Minutes, Prepared by Gary Nicholl, Mark Nowell, and John D’Ambrosia

Meeting called to order at 10:03 am (all times ET) by John D’Ambrosia, 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/1024_OPTX/agenda_3dj_optx_logic_01a_241031.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 asked all presenters if there were any updates to their presentations. All responses, except Mike Dudek who was not present at this time, indicated there were no updates to the presentations.

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 did the call for potentially essential patents and asked

The chair asked if any clarification is needed on IEEE SA Policies. There were none.

Presentation #2	Measurements of TDECQ as a function of target SER
Presenter	John Johnson, Broadcom
URL	https://www.ieee802.org/3/dj/public/adhoc/optics/1024_OPTX/johnson_3dj_optx_01_241031.pdf

The material was reviewed and discussed.

The chair asked if there were any corrections to the previous ad hoc minutes (17 October 2024). There were none, and the minutes were approved by unanimous consent.

The chair noted that individuals should fill out IMAT information for attendance. No code for today.

The chair turned the call over to Mark Nowell to chair at 10:22am.

Presentation #3	Proposed Optical parameters for Clauses 182 and 183
Presenter	Mike Dudek, Marvell
URL	https://www.ieee802.org/3/dj/public/adhoc/optics/1024_OPTX/dudek_3dj_optx_01_241031.pdf

The material was reviewed and discussed.

The chair noted that test data to select TDECQ was needed.

The chair noted that individuals should fill out IMAT information for attendance. No code for today. The chair reminded participants to declare their affiliation on Webex.

Presentation #4	Defining the training patterns
Presenter	Piers Dawe, Nvidia
URL	https://www.ieee802.org/3/dj/public/adhoc/optics/1024_OPTX/dawe_3dj_optx_01_241031.pdf

The material was reviewed and discussed.

Presentation #5	“Full deskew” issue for Clause 177
Presenter	Xiang He, Huawei
URL	https://www.ieee802.org/3/dj/public/adhoc/optics/1024_OPTX/he_3dj_optx_01_241031.pdf

The material was reviewed and discussed.

John D’Ambrosia reminded the ad hoc that presentation requests for the Nov Plenary were due today and the actual presentations are due on Monday (4 Nov).

Chair noted that future ad hoc meetings will be determined by the leadership at the Nov Plenary and announced.

Meeting adjourned at 11:37am ET.

Attendees

Name	Employer	Affiliation
Al-Hadidi, Husam		Manitoba Hydro
Banas, David		Keysight
Bruckman, Leon	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Calvin, John	Keysight Technologies	Keysight Technologies
Choudhury, Golam	OFS	OFS
Dawe, Piers J G	NVIDIA	Nvidia
Dedic, Charlie		1-VIA
de Koos, Andras	Microchip Technology Inc	Microchip Technology, Inc.
Dudek, Michael	Marvell	Marvell
El-Chayeb, Ahmad	Keysight Technologies Inc	Keysight Technologies Inc
Foster, Rick		Ameren
Gui, Tao		Huawei Technologies Co., Ltd
He, Michael		Innolight Technology Corproation
Hidaka, Yasuo	Credo Semiconductor	INDEPENDENT
Huang, Kechao		Huawei Technologies Co., Ltd
Johnson, John	Broadcom Corporation	Broadcom
Kabra, Lokesh	Synopsys, Inc.	Synopsys, Inc.
Kikuchi, Nobuhiko		Hitachi, Ltd.
Kim, Kihong/Joshua	Hirose Electric (USA), Inc.	Hirose Electric (USA), Inc.
Kimber, Eric	Semtech Ltd	Semtech Ltd
Landry, Gary		Texas Instruments
Lapierre, Dominic		EXFO
Li, Pei-Rong	MediaTek Inc.	MediaTek Inc.
Little, Terrance	Foxconn Electronics Inc.	Foxconn Electronics Inc.
Malicoat, David	Malicoat Networking Solutions	Malicoat Networking Solutions; SENKO Advanced Components
Maniloff, Eric	Ciena Corporation	Ciena Corporation

Mitcheltree, Tom	US Conec, Ltd.	US Conec, Ltd.
Mohajeri, HESSAM	Ensphere Solutions	Gemini Microsystems
Muhigana, Ernest		Lumentum
Muller, Shimon	Enfabrica Corp.	Enfabrica
MURAKAMI, YUKI	FUJITSU	FUJITSU
Murty, Ramana	Broadcom Inc.	Broadcom Inc.
Muth, Karlheinz	Broadcom Corporation	Broadcom Corporation
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.
Ran, Adee	Cisco Systems, Inc.	Cisco Systems, Inc.
Ren, Hao	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Rodes, Roberto	II-VI	Coherent
Rubin, Amir		NVIDIA
Sakai, Toshiaki	Socionext Inc.	Socionext
Slavick, Jeff	Broadcom Inc	Broadcom Inc
Sluyski, Mike	Cisco Systems, Inc.	Cisco Systems Inc.
Sommers, Scott	Molex LLC	Molex Incorporated
Son, Yung Sung	Optomind Inc	Optomind Inc
Sorbara, Massimo	GLOBALFOUNDRIES	GlobalFoundries
TAN, SISI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Tooyserkani, Pirooz	Cisco Systems, Inc.	Cisco Systems, Inc.
Tran, Viet	Keysight Technologies	Keysight Technologies
Williams, Tom	Cisco Systems, Inc.	Cisco Systems
Wingrove, Michael	Ciena Corporation	Ciena Corporation
Yin, Shuang		Google