

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

15 June 2023 Ad hoc Electronic Teleconference Meeting

Approved Meeting Minutes, Prepared by Mark Gustlin and 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/0623\\_OPTX/agenda\\_3dj\\_optx\\_01\\_230615.pdf](https://www.ieee802.org/3/dj/public/adhoc/optics/0623_OPTX/agenda_3dj_optx_01_230615.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.

There were no previous minutes to approve since they were approved in the Task Force meeting in May.

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 #2 802.3dj SMF Channel Definition -  $CD_Q$  approach utilizing  $PMD_Q$  methodology

Presenter Vince Ferretti

URL [https://www.ieee802.org/3/dj/public/adhoc/optics/0623\\_OPTX/ferretti\\_3dj\\_optx\\_01b\\_230615.pdf](https://www.ieee802.org/3/dj/public/adhoc/optics/0623_OPTX/ferretti_3dj_optx_01b_230615.pdf)

The material was reviewed and discussed. Vince noticed an error in his presentation and will provide an update. Posted as 01b

Presentation #3 Dependence of  $CD_{min,Q}$  and  $CD_{max,Q}$  on Q and the Number of Fiber Segments (M) in 800G-LR4

Presenter Xiang Liu

URL [https://www.ieee802.org/3/dj/public/adhoc/optics/0623\\_OPTX/liu\\_3dj\\_optx\\_01\\_230615.pdf](https://www.ieee802.org/3/dj/public/adhoc/optics/0623_OPTX/liu_3dj_optx_01_230615.pdf)

The material was reviewed and discussed.

Presentation #4 1.6 TbE alignment marker characteristics

Presenter Ryan Wong

URL [https://www.ieee802.org/3/dj/public/adhoc/optics/0623\\_OPTX/wong\\_3dj\\_logic\\_01\\_230615.pdf](https://www.ieee802.org/3/dj/public/adhoc/optics/0623_OPTX/wong_3dj_logic_01_230615.pdf)

The material was reviewed and discussed.

Presentation #5 FEC\_I Sublayer Proposal for Type 2 PHYs

Presenter Xiang He

URL [https://www.ieee802.org/3/dj/public/adhoc/optics/0623\\_OPTX/he\\_3dj\\_logic\\_01\\_230615.pdf](https://www.ieee802.org/3/dj/public/adhoc/optics/0623_OPTX/he_3dj_logic_01_230615.pdf)

The material was reviewed and discussed.

Future Meetings:

June 29th, 2023, 10am ET.

Meeting adjourned at 12:02pm ET

Attendees (per IMAT) (Need to update)

| Name             | Employer                             | Affiliation                          |
|------------------|--------------------------------------|--------------------------------------|
| Bernier, Eric    | Huawei Technologies Canada Co., Ltd. | Huawei Technologies Canada Co., Ltd. |
| Brown, Matthew   | Huawei Technologies Canada           | Huawei Technologies Canada           |
| 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                        | Self Employed                        |
| cheng, weiqiang  | China Mobile Limited                 | China Mobile Limited                 |

|                    |   |   |
|--------------------|---|---|
| D'Ambrosia, John   | Futurewei Technologies, U.S. Subsidiary of Huawei | Futurewei Technologies, U.S. Subsidiary of Huawei |
| Del Vecchio, Peter |   | Broadcom Corporation                              |
| Dudek, Michael     | Marvell   | Marvell   |
| Ferretti, Vincent  | Corning Incorporated                              | Corning Incorporated                              |
| Ghiasi, Ali        | Ghiasi Quantum LLC                                | Ghiasi Quantum LLC; Marvell Semiconductor, Inc.   |
| Gustlin, Mark      | Cisco Systems, Inc.                               | Cisco Systems, Inc.                               |
| He, Xiang          | Huawei Technologies Co., Ltd                      | Huawei Technologies Co., Ltd                      |
| Healey, Adam       | Broadcom Inc.                                     | Broadcom Inc.                                     |
| Heck, Howard       | Intel   | Intel   |
| Huang, Kechao      | Huawei Technologies Co., Ltd                      | Huawei Technologies Co., Ltd                      |
| HUANG, QINHUI      | Huawei Technologies Co., Ltd                      | Huawei Technologies Co., Ltd                      |
| Huber, Thomas      | Nokia   | Nokia   |
| Isono, Hideki      | Fujitsu Optical Components Limited                | Fujitsu Optical Components Limited                |
| Issenhuth, Tom     | Issenhuth Consulting, LLC                         | Huawei Technologies Co., Ltd                      |
| Jackson, Kenneth   | Sumitomo Electric Industries, LTD                 | Sumitomo Electric Industries, LTD                 |
| Jiang, Chendi      | Huawei Technologies Co., Ltd                      | Huawei Technologies Co., Ltd                      |
| Johnson, John      | Broadcom Corporation                              | Broadcom Corporation                              |
| Kim, Inho          | MaxLinear   | MaxLinear   |
| Kim, Kihong/Joshua | Hirose Electric (USA), Inc.                       | Hirose Electric (USA), Inc.                       |
| Kimbara, Tatsuki   |   | Hakusan; Optical Interconnect Products            |
| Kimber, Eric       | Semtech Ltd                                       | Semtech Ltd                                       |
| Kondo, Taiji       | MegaChips Corporation                             | Dexerials Corporation                             |
| Lambert, Angela    | Corning Incorporated                              | Corning Incorporated                              |
| Law, David         | Hewlett Packard Enterprise                        | Hewlett Packard Enterprise                        |
| Lawson, Matthew    | Cisco Systems, Inc.                               | Cisco Systems, Inc.                               |
| Lewis, David       | Lumentum Inc.                                     | Lumentum Inc.                                     |
| Li, Pei-Rong       | MediaTek Inc.                                     | MediaTek 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  |
| 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 Corp.                                | Enfabrica  |
| MURAKAMI, YUKI    |  | Fujitsu Limited  |
| Muth, Karlheinz   | Broadcom Corporation                           | Broadcom Corporation                                     |
| Nering, Raymond   | 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.  |
| PARK, CHUL SOO    | Juniper Networks Inc.                          | Juniper Networks, Inc.                                   |
| Parsons, Earl     | CommScope, Inc.                                | CommScope, Inc.  |
| Ran, Adee         | Cisco Systems, Inc.                            | Cisco Systems, Inc.                                      |
| Rechtman, Zvi     | NVIDIA   | NVIDIA   |
| Rodes, Roberto    | II-VI  | II-VI  |
| Sakai, Toshiaki   | Socionext Inc.                                 | socionext  |
| Sheffi, Nir       |  | Banias Labs  |
| 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  |
| Summers, Robert   |  | Broadcom Corporation                                     |
| Terada, Masaru    | FURUKAWA ELECTRIC                              | FURUKAWA ELECTRIC  |
| Tran, Viet        | Keysight Technologies                          | Keysight Technologies                                    |
| Wang, Haojie      | China Mobile Communications Corporation (CMCC) | China Mobile Communications Corporation (CMCC)           |
| Wingrove, Michael | Ciena Corporation                              | Ciena Corporation  |

|             |                              |                              |
|-------------|------------------------------|------------------------------|
| Yin, Shuang |                              | Google                       |
| Zhuang, Yan | Huawei Technologies Co., Ltd | Huawei Technologies Co., Ltd |