

IEEE 802.3 NEA Ad hoc Meeting – “200G/wavelength MMF optical PMDs ” CFI Consensus Building
17 July 2025 Electronic Meeting

Unapproved Meeting Minutes, prepared by Jon Lewis
Session called to order at 10:03 am EDT (all times EDT), 17 July 2025
Meeting called to order by John D'Ambrosia, Vice-Chair - IEEE 802.3 NEA Ad hoc

Chair gave the meeting introduction.

Presentation #1	Agenda and General Information
Presenter	John D'Ambrosia
URL	https://www.ieee802.org/3/ad_hoc/ngrates/public/calls/25_0717/agenda_nea_a_250717.pdf

Agenda – chair asked if there were any comments on the agenda. There were none. Chair asked if there were any objections to the agenda, there were none, and the agenda was considered approved.

Chair noted that an email had been sent to the reflector regarding review of IEEE SA Policies. Chair asked if anyone needed the policies reviewed. There was no request. The chair proceeded with the following:

- Chair reviewed IEEE SA Pre-PAR Patent Policy. See Slide #13.
- Chair noted from Slide #15 and noted by participating in this activity, you agree to comply with the IEEE Code of Ethics, all applicable laws, and all IEEE policies and procedures including but not limited to the IEEE SA Copyright Policy.
- Chair reviewed Slide #17 - Participant behaviour in IEEE-SA activities is guided by the IEEE Codes of Ethics & Conduct.
- Chair noted from Slide #18 Participants in the IEEE SA “individual process” shall act independently of others, including employers. By participating in standards activities using the “individual process”, you are deemed to accept these requirements then you shall immediately cease any participation.

Chair reviewed IEEE 8023 NEA Ad hoc information. See Slide #5

Chair reviewed the Meeting Decorum, Ground Rules, and Important Bylaws, Rules, and References. See Slides #6-9. Mr. D'Ambrosia asked if there was anyone from the press or reporting publicly, none responded.

Chair reviewed the future meetings and noted an updated agenda deck would be posted that included the July plenary information as Mr. Lewis will be asking for approval at the Working Group closing plenary meeting the NEA status report for 2025.

Chair noted IEEE 802.3 NEA background information in Appendix. See Slides #20-24.

Presentation #2	Consensus Building for 200G/wavelength MMF optical PMDs CFI - Market Drivers
Presenter	Mabud Choudhury, Lightera; Earl Parsens, CommScope
URL	https://www.ieee802.org/3/ad_hoc/ngrates/public/calls/25_0717/CFI_200GMMF_R4_250717.pdf

During the presentation, the following was noted –

- On Slide #6 that “PMDs” should be noted as “PHYs”.
- On Slide 27, fourth bullet, changed "Annex 178A" to "Annex 178B"

Discussion

There were questions of clarification and discussion on the presentation.

The following individuals requested to be added to the list of supporters for this CFI (updated file noted above) :

Jon Lewis – Dell Technologies
Toshiaka Sakai – Socionext
Ray Nering – Cisco
Andy Moorwood – Keysight Technologies
Pirooz Tooyserkani – Cisco
Rames Sivakolundu – Cisco Systems Inc.
Hai-Feng Liu – HG Genuine
Xiang He – Huawei

Tomoo Takahara – 1FINITY
Lu XU – Huawei
Yung Sung Son – Optomind

Mr. D'Ambrosia noted that the results of the second Straw Poll would be sent post-meeting after some processing via the reflector.
Straw Poll #1: Should a study group be formed to develop a PAR, CSD responses, and objective for "200G/wavelength MMF optical PHYs"?

Yes: 63
No: 0
Abstain: 2

Straw Poll #2: If formed, will you participate in this Study Group?

Adding Post Meeting

- Will participate = 51
- Number of affiliations = 36

The CFI will be presented at the opening plenary in July in Madrid, Spain and the vote to progress to the Study Group will be at the closing plenary. The Chair noted that the July plenary meeting requires registration and the payment of a registration fee.

Mr. Ofelt gave a quick introduction to the 22 July 2025 CFI consensus building on "Ethernet Metadata Services".

Chair reviewed future meetings for all NEA activities. See Slide #10.

Meeting adjourned at 11:14am.

IMAT Attendance

Name	Employer	Affiliation
Brown, Matthew	Alphawave	Alphawave Semi
Bruckman, Leon	NVIDIA	NVIDIA
Castro, Jose	Panduit	Panduit
Chang, Yongmao	Inphi Corporation	Source Photonics
Chen, Chan	Self Employed	Applied Optoelectronics, Inc.
Choudhury, Golam	Lightera	OFS
D'Ambrosia, John	Futurewei Technologies, U.S. Subsidiary of Huawei	Futurewei Technologies, U.S. Subsidiary of Huawei
Dawe, Piers J G	NVIDIA	Nvidia
Dudek, Michael	Marvell	Marvell
El-Chayeb, Ahmad	Keysight Technologies Inc	Keysight Technologies Inc
Ferretti, Vincent	Corning Incorporated	Corning Incorporated
Ghiasi, Ali	Ghiasi Quantum LLC	Ghiasi Quantum LLC, MARVELL
He, Xiang	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Healey, Adam	Broadcom Inc.	Broadcom Inc.
Huang, Kechao		Huawei Technologies Co., Ltd
Irwin, Scott	MoSys, Inc.	MoSys, Inc.
Isono, Hideki	Furukawa FITEL Optical Components Limited	Fujitsu Optical Components
Jackson, Kenneth	Sumitomo Electric Industries, LTD	Sumitomo Electric Industries, LTD
Johnson, John	Broadcom Corporation	Broadcom
Kareti, Upen	Cisco Systems, Inc.	Cisco Systems, Inc.
Lambert, Angela	Corning Incorporated	Corning Incorporated
Landry, Gary	Texas Instruments Inc.	Texas Instruments
Law, David	Hewlett Packard Enterprise	Hewlett Packard Enterprise
Lewis, Jon	Dell Technologies	Dell Technologies
Li, Jing	YOFC	YOFC
Liu, Cathy	Broadcom Corporation	Broadcom
Liu, Hai-Feng	HG Genuine	HG Genuine
Lusted, Kent	Synopsys, Inc.	Synopsys, Inc.
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
Marques, Flavio	FURUKAWA ELECTRIC	Furukawa Electric
Marris, Arthur	Cadence Design Systems, Inc.	Cadence Design Systems, Inc.
Martino, Kjersti	Inneos	Inneos
Mascitto, Marco		Nokia
Mitcheltree, Tom	US Conec, Ltd.	US Conec, Ltd.
Moorwood, Charles	Keysight Technologies	Keysight Technologies
Muhigana, Ernest	Lumentum LLC	Lumentum
MURAKAMI, YUKI	FUJITSU	FUJITSU
Murty, Ramana	Broadcom Inc.	Broadcom Inc.
Muth, Karlheinz	Broadcom Corporation	Broadcom Corporation
Nering, Raymond	Cisco Systems, Inc.	Cisco Systems, Inc.
Nowell, Mark	Cisco Systems, Inc.	Cisco Systems, Inc.

Name	Employer	Affiliation
Ofelt, David	Juniper Networks, Inc.	Juniper Networks, Inc.
Opsasnick, Eugene	Broadcom Inc.	Broadcom Inc.
Palkert, Thomas		Samtec, Inc., Macom
Parsons, Earl	CommScope, Inc.	CommScope, Inc.
Piehler, David	Dell Technologies	Dell
Ran, Adee	Cisco Systems, Inc.	Cisco Systems, Inc.
Rock, Jason	Dell Inc.	Dell Inc.; Dell Technologies
Rodes, Roberto	II-VI	Coherent
Royer, Tyler	SENKO Advanced Components	Senko Advanced Components
Sakai, Toshiaki	Socionext Inc.	Socionext
Simms, William	NVIDIA Corporation	NVIDIA Corporation
Sivakolundu, Ramesh	Cisco Systems, Inc.	Cisco Systems, Inc.
Son, Yung Sung	Optomind Inc	Optomind Inc
Spruit, Hans	TRUMPF	TRUMPF
Stassar, Peter	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
TAKAHARA, TOMOO	FUJITSU LABORATORIES LIMITED	FUJITSU
Tooyserkani, Pirooz	Cisco Systems, Inc.	Cisco Systems, Inc.
Tracy, Nathan	TE Connectivity	TE Connectivity
Xu, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd