

IEEE 802.3 NEA Ad hoc Meeting – May 2025 Interim Meeting

Unapproved Meeting Minutes, prepared by John D’Ambrosia

Session called to order at 7:00 pm CT (all times CT), 19 Jan 2026

Meeting called to order and chaired by John D’Ambrosia, Vice-Chair - IEEE 802.3 NEA Ad hoc

Chair gave meeting introduction.

Presentation #1

Agenda and General Information

Presenter

John D’Ambrosia

URL

https://www.ieee802.org/3/ad_hoc/ngrates/public/26_01/agenda_nea_a_2601.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 reviewed IEEE SA Pre-PAR Patent Policy. See Slide #13.

Chair noted from Slide #8 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 #15 - Participant behavior 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 Slide #5 – IEEE 802.3 NEA Ad hoc Information

It was noted by the IEEE 802.3 WG Chair, David Law noted Subclause 7.2.4 'Technical contributions' of IEEE SA Standards Board Operations Manual

If a liaison organization submits one of its copyrighted documents to a Standards Committee/Subgroup for coordination, the document shall not be considered to be a Contribution and shall not be used in any IEEE document without prior permission from the organization external to IEEE. Prior to distributing the organization's document, the Standards Committee/Subgroup shall reference the Working Group Draft Sharing List to determine if guidance is required from the IEEE SA Program Manager.

https://standards.ieee.org/wp-content/uploads/import/documents/other/sb_om.pdf#page=51

Chair reviewed Ground Rules, and Important Bylaws, Rules, and References. See Slides #6-9.

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

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

Liaison

UEC's Unified Forwarding Header (UFH)

Presenters

Niranjan Vaidya

URL

[UEC presentation to IEEE 802.1/3 joint meeting \(January 2026\) \(Password protected\)](#)

Discussion

There were questions of clarification and discussion on the presentation.

Presentation #1 IETF/IEEE Coordination Item # 37 concerning Jumbo Ethernet Frames

Presenters Jason Potterf

URL https://www.ieee802.org/3/ad_hoc/ngrates/public/26_01/potterf_nea_01_2601.pdf

Discussion

There were questions of clarification and discussion on the presentation.

During the discussion, links to the following reference information were provided.

- 32-Bit Cyclic Redundancy Codes for Internet Applications (Hamming Distance vs. frame length for various CRC polynomials):
URL: <https://users.ece.cmu.edu/~koopman/networks/dsn02/dsn02_koopman.pdf>.
- Frame Size Support of Existing Ethernet Devices:
URL: <https://www.ieee802.org/3/frame_study/0409/braga_1_0409.pdf>

The chair noted these reference links would be added to the NEA 19 Jan 2026 Meeting webpage.

Presentation #2 Local Address Functionality in IEEE 802

Presenters Roger Marks

URL https://www.ieee802.org/3/ad_hoc/ngrates/public/26_01/1-26-0001-01-ICne-ieee-802-local-addressing-for-ai-networks.pdf

Discussion

There were questions of clarification and discussion on the presentation.

Presentation #3 Consensus Building for Efficient Forwarding Header in Ethernet

Presenters Runlong Hu

URL https://www.ieee802.org/3/ad_hoc/ngrates/public/26_01/hu_nea_01a_2601.pdf

Discussion

There were questions of clarification and discussion on the presentation.

Further consensus building on these topics between the IEEE 802.3 NEA and IEEE 802.1 Nendica groups were encouraged.

Meeting adjourned for the day @ 9:00pm

Attendance – Per IEEE 802.3 NEA IMAT

Name	Affiliation	Employer
Akinwale, Oluwafemi	Intel Corporation	Intel Corporation
Brooks, Paul	Viavi Solutions	Viavi solutions GmbH
Bruckman, Leon	NVIDIA	NVIDIA
Calvin, John	Keysight Technologies	Keysight Technologies
Chen, Chan	Independent/AOI	Self Employed
cheng, weiqiang	China Mobile Limited	China Mobile Limited
Choudhury, Golam	Genuine Optics	Genuine Optics
Cox, Ian	Broadcom Corporation	
D'Ambrosia, John	Futurewei Technologies, U.S. Subsidiary of Huawei	Futurewei Technologies, U.S. Subsidiary of Huawei
Denton, Scott	Cisco Systems, Inc.	
Dsilva, Hansel	Amphenol Corporation	
Galan, Jose	MaxLinear, Inc.	MaxLinear, Inc.
Geng, Limin	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
He, Xiang	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Hon, Kam Yan	Cisco Systems, Inc.	
Hong, Paul	MaxLinear, Inc	MaxLinear, Inc.
Huang, Kechao	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Isono, Hideki	Furukawa FITEL Optical Components	Furukawa FITEL Optical Components Limited
Jones, Peter	Cisco Systems, Inc.	Cisco Systems, Inc.
Kim, Gyudong	Analog Devices Inc.	Analog Devices Inc.
Kochuparambil, Elizabeth	Cisco Systems, Inc.	Cisco Systems, Inc.
Law, David	Hewlett Packard Enterprise	Hewlett Packard Enterprise
Lessard, Stephane	Ericsson AB	
Li, Pei-Rong	MediaTek Inc.	MediaTek Inc.
Mascitto, Marco	Nokia	Infinera Canada Inc.
Matuz, Balazs	Huawei Technologies Duesseldorf GmbH	
Moorwood, Charles	Keysight Technologies	Keysight Technologies
MURAKAMI, YUKI	1Finity	1Finity
Nakamoto, Edward	VIAVI Solutions	Spirent Communications
Nering, Raymond	Cisco Systems, Inc.	Cisco Systems, Inc.
Nicholl, Gary	Cisco Systems, Inc.	Cisco Systems, Inc.
Nicholl, Shawn	Advanced Micro Devices (AMD)	Advanced Micro Devices (AMD)
Ofelt, David	Hewlett Packard Enterprise	Juniper Networks, Inc.
Opsasnick, Eugene	Broadcom Inc.	Broadcom Inc.
Parkholm, Ulf	Ericsson AB	Telefon AB LM Ericsson
Parthasarathy, Vasu	Broadcom Corporation	Broadcom Corporation
peng, semmy	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Potterf, Jason	Cisco Systems, Inc.	Cisco Systems, Inc.
Rodes, Roberto	II-VI	II-VI
Shakiba, Mohammad	Huawei Technologies Canada; Huawei Technologies Co., Ltd	Huawei Technologies Canada Co., Ltd.
Simms, William	NVIDIA Corporation	NVIDIA Corporation
Son, Yung Sung	Optomind Inc	Optomind Inc
Sun, Yi	Lightera	Lightera
Tartaglia, Antonio	Ericsson AB	Ericsson AB

TAZEBAY, MEHMET	Broadcom Corporation	Broadcom Corporation
Torres, Luisma	KD	Knowledge Development for POF SL
Tran, Viet	Keysight Technologies	Keysight Technologies
Turner, Max	Ethernovia	Ethernovia
	China Mobile Communications Corporation (CMCC)	China Mobile Communications Corporation (CMCC)
Wang, Haojie	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
WANG, Xuebo	Ciena Corporation	Ciena Corporation
Wingrove, Michael	PROVIDED BY THE LEADERSHIP EACH DAY	
Xie, Junjie	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
XU, LI	HGGenuine	HG Genuine
xu, wenxiong	Broadcom Corporation	
Zhang, Wei	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Zhuang, Yan	CME Consulting/Analog Devices, APL Group, Cisco, Infineon, OnSemi, Sony	CME Consulting, Inc.
Zimmerman, George	MultiLane	MultiLane
Zivny, Pavel	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Zou, Congshi		

Attendance per IEEE 802.1 Nendica

Name	Affiliation
Bottorff, Paul	Hewlett Packard Enterprise
Chen, Lihao	Huawei Technologies Co., Ltd
cheng, weiqiang	China Mobile Limited
Congdon, Paul	Congdon Consulting, LLC
Denton, Scott	Cisco Systems, Inc.
Elzur, Uri	NVIDIA Corporation
Emmons, Tom	Ultra Ethernet Consortium
Farkas, Janos	Ericsson AB
Gravel, Mark	Hewlett Packard Enterprise
Jabbar, Abdul	General Electric Company (GE)
Kehrer, Stephan	Belden
Kondo, Taiji	Dexerials Corporation
Lai, Gavin	Moxa Inc.
Li, Jieyu	China Mobile
Liu, Yao	ZTE Corporation
Lyu, Yunping(Lily)	Huawei Technologies Co., Ltd
Mangin, Christophe	Mitsubishi Electric Corporation
Marks, Roger	EthAirNet Associates
McCall, David	Intel
McIntosh, James	Microchip Technology, Inc.
Parsons, Glenn	Ericsson AB
Peterson, Eric	Blue Origin
Regev, Alon	Keysight Technologies
Rodrigues, Silvana	Huawei Technologies Co., Ltd
Rouyer, Jessy	Nokia
Sivakolundu, Ramesh	Cisco Systems, Inc.
Specht, Johannes	Johannes Specht
Turner, Max	Ethernovia
Vaidya, Niranjan	Broadcom Corporation
Zein, Nader	NEC Europe (NLE)