

IEEE 802.3 NEA Ad hoc Meeting – Jan 2026 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 \(January 2026\) \(Password protected\)](https://www.ieee802.org/3/ad_hoc/ngrates/public/26_01/UEC_presentation_to_IEEE_802.1_3_joint_meeting_January_2026_Password_protected.pdf)

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/potter_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 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 | Futurewei Technologies, U.S. |
| D'Ambrosia, John | Futurewei Technologies, U.S. Subsidiary of Huawei | 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. |
| Opsasnich, 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 |
| Wang, Haojie | China Mobile Communications Corporation (CMCC) | China Mobile Communications Corporation (CMCC) |
| WANG, Xuebo | Huawei Technologies Co., Ltd | Huawei Technologies Co., Ltd |
| Wingrove, Michael | Ciena Corporation | Ciena Corporation |
| Xie, Junjie | PROVIDED BY THE LEADERSHIP EACH DAY | |
| XU, LI | Huawei Technologies Co., Ltd | Huawei Technologies Co., Ltd |
| xu, wenxiong | HGGenuine | HG Genuine |
| Zhang, Wei | Broadcom Corporation | |
| Zhuang, Yan | Huawei Technologies Co., Ltd | Huawei Technologies Co., Ltd |
| Zimmerman, George | CME Consulting/Analog Devices, APL | CME Consulting, Inc. |
| Zivny, Pavel | Group, Cisco, Infineon, OnSemi, Sony | MultiLane |
| Zou, Congshi | MultiLane | Huawei Technologies Co., Ltd |
| | Huawei Technologies Co., Ltd | |

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) |