

APPROVED MINUTES

IEEE 802.3 Ethernet Working Group

Working Group Meeting

January 25, 2024

https://www.ieee802.org/3/minutes/jan24/0124_agenda.pdf

THURSDAY, 25 JANUARY 2024

Minutes were taken by recording secretary Jon Lewis.

ADMINISTRATIVE MATTERS

Call to order

David Law, Chair of the IEEE 802.3 Ethernet Working Group, called the meeting to order at 19:00 EST.

Welcome, introductions, and general announcements

Mr. Law noted that it would be too time consuming to have each individual introduce themselves, that introductions would not be done at this hybrid meeting.

Mr. Law showed a list of officers of the IEEE 802.3 Working Group:

IEEE 802.3 Chair: David Law

IEEE 802.3 Vice-Chair: Adam Healey

IEEE 802.3 Secretary: Jon Lewis

IEEE 802.3 Executive Secretary: Chad Jones

IEEE 802.3 Treasurer: Valerie Maguire

IEEE 802.3 Task Force chairs

IEEE P802.3cw 400 Gb/s over DWDM systems Task Force: John D'Ambrosia

IEEE P802.3da 10SPE Multidrop Enhancements: Chad Jones

IEEE P802.3df 200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s Ethernet: John D'Ambrosia

IEEE P802.3dg 100 Mb/s Long-Reach Single Pair Ethernet Task Force: George Zimmerman

IEEE P802.3dh Multi-Gigabit Automotive Ethernet over Plastic Optical Fiber: Yuji Watanabe

IEEE P802.3dj 200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s Ethernet: John D'Ambrosia

IEEE P802.3dk Greater than 50 Gb/s Bidirectional Optical Access PHYs: Yuanqiu Luo

IEEE P802.3.1 (IEEE 802.3.1b) Ethernet MIBs (revision): Marek Hajduczenia

IEEE P802.3.2 (IEEE 802.3.2a) YANG Data Model Definitions (revision) Marek Hajduczenia

IEEE 802.3 Study Group vice-chairs

IEEE 802.3 Improved Support of Asymmetric Applications for Cameras (ISAAC): Jon Lewis

IEEE 802.3 Task Force vice-chairs

IEEE P802.3cw 400 Gb/s over DWDM systems: Tom Issenhuth

IEEE P802.3df 200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s Ethernet: Mark Nowell

IEEE P802.3dh Multi-Gigabit Automotive Ethernet over Plastic Optical Fiber: Luisa Torres

IEEE P802.3dj 200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s Ethernet: Mark Nowell

Working Group Decorum

Mr. Law introduced the Working Group decorum as described in the opening report. Please see https://www.ieee802.org/3/minutes/jan24/0124_802_3_interim.pdf#page=3.

Mr. Law noted that there should be no recording without permission and that recording was disabled for this meeting in the teleconference tool.

Mr. Law asked if anyone was attending from the press including those who would run a public blog on this meeting other than those limited to summarizing the meeting. There was no response.

Mr. Law introduced the procedure for participants to include their affiliation in their screen name and noted other zoom guidelines for in-person and remote participants including the operation of the queues. Please see

https://www.ieee802.org/3/minutes/jan24/0124_802_3_interim.pdf#page=6.

Review and approval of agenda

Mr. Law noted that a soft copy of the draft agenda had been posted to the minutes section for this meeting.

Mr. Law asked if there were any additions to the draft agenda. There was no response.

MOTION #1

Approve the agenda.

M: John D'Ambrosia

S: Marek Hajduczenia

Procedural (> 50%)

Motion Passed by unanimous consent, 19:13 EST

Mr. Jones asked on-line participants to declare their affiliation. Mr. Jones noted that participants that do not declare affiliation would be removed from the meeting.

Mr. Law noted that several IEEE 802.3 participants had received IEEE SA awards this year, including a lifetime achievement award for Bob Grow.

https://www.ieee802.org/3/minutes/jan24/0124_802_3_interim.pdf#page=8

Call for patents

Please see

https://www.ieee802.org/3/minutes/jan24/0124_802_3_interim.pdf#page=11

Mr. Law showed the IEEE patent policy slides.

Mr. Law asked if anyone was aware of any patent claims potentially essential to the proposed standards under development by the IEEE 802.3 Working Group. There was no response.

Mr. Law asked that Mr. Lewis record that:

The patent policy, per the latest PatCom slide set, was shown

There was no response to the call for potentially essential patent claims

Anyone wishing to submit a letter of assurance can do so at any time by contacting Mr. Law or the PatCom administrator

Mr. Law reminded the group of inappropriate topics that should not be discussed. These included territory, market share, price, ongoing litigation, threatened litigation, etc.

Mr. Law reviewed the IEEE SA copyright slides.

https://www.ieee802.org/3/minutes/jan24/0124_802_3_interim.pdf#page=17

Mr. Law advised participants that:

- IEEE SA's copyright policy is described in Clause 7 of the IEEE SA Standards Board Bylaws and Clause 6.1 of the IEEE SA Standards Board Operations Manual;
- Prior to presentation or submission, you shall notify the Working Group Chair of previously Published material and should assist the Chair in obtaining copyright permission acceptable to IEEE SA. For material that is not previously Published, IEEE is automatically granted a license to use any material that is presented or submitted.

Mr. Law reviewed the IEEE SA participation slides.

https://www.ieee802.org/3/minutes/jan24/0124_802_3_interim.pdf#page=19

Mr. Law advised participants that:

- Participants in the IEEE-SA "individual process" under which the project operates shall act independently of others, including employers, and shall act based on their qualifications and experience. By participating in standards activities using the "individual process", you are deemed to accept these requirements; if you are unable to satisfy these requirements then you shall immediately cease any participation.

General Working Group business

Mr. Law explained the membership requirements (gaining and retaining):

- 75% attendance at 2 of last 4 plenary meetings (a qualifying interim may be substituted for one plenary)
- Request to become member during IEEE 802.3 potential voter agenda item
- Participate in 2 of last 3 WG ballots to retain membership
- Maintain valid contact information
- Consistent declaration of affiliation

Mr. Lewis reviewed the membership and attendance tool procedures.

https://www.ieee802.org/3/minutes/jan24/0124_802_3_interim.pdf#page=25

LIAISONS

External Liaison letters (old)

ISO/IEC JTC 1/SC 25/WG 3: Multi-drop cabling [liaison letter](#)

IEEE P802.3da 10 Mb/s Single Pair Multidrop Segments Enhancement Task Force

MOPA: Time synchronization error in PTP concerns over segmented FEC [liaison letter](#)

IEEE P802.3dj 200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s Ethernet Task Force

OIF: EVM related data response and OIF 400ZR IA maintenance update [liaison letter](#) and [attachment](#)

IEEE P802.3cw 400 Gb/s over DWDM systems Task Force

External Liaison letters (new)

ISO/IEC JTC 1/SC 6/AG 4: MCS Innovation [liaison letter](#) and [attachment](#)

George Zimmerman

ITU SG15: G.652 fiber link property [liaison letter](#) and attachment [1](#), [2](#), and [3](#)

IEEE P802.3dj 200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s Ethernet Task Force

IEEE P802.3dk Greater than 50 Gb/s Bidirectional Optical Access PHYs Task Force

ITU SG15: Liaisons on the latest version of the Access Network Transport (ANT) and Home Network Transport (HNT) Standards Overviews and Work Plans [liaison letter](#)

ITU SG15: Access Network Transport (ANT) Standards Overview and Work Plan [liaison letter](#)

ITU SG15: Home Network Transport (HNT) Standards Overview and Work Plan [liaison letter](#)

ITU SG15: OTNT Standardization Work Plan Issue 33 [liaison letter](#) and attachment [1](#) and [2](#)

Reply out of the May 2024 IEEE 802.3 interim meeting

ITU SG15: 100 Gb/s bidirectional point-to-point optical access [liaison letter](#) and [attachment](#)

IEEE P802.3dk Greater than 50 Gb/s Bidirectional Optical Access PHYs Task Force

ITU SG15: B400G work and EVM [liaison letter](#)

IEEE P802.3cw 400 Gb/s over DWDM systems Task Force

MOTION #2

Move that the IEEE 802.3 Working Group approve:

IEEE_802d3_to_ITU_3cw_2401_draft with editorial license granted to the Chair (or his appointed agent) as liaison communications from the IEEE 802.3 Working Group to the ITU.

M: James Gilb

S: Tom Huber

Technical ($\geq 75\%$)

Y: 61 N: 0 A: 2

Motion Passed, 19:40 EST

ITU SG15 IM/DM modelling coordination [liaison letter](#)

IEEE P802.3.2 (IEEE 802.3.2a) YANG Data Model Definitions (revision)Task Force

ITU SG5: Proposed future revision of ITU-T K.117 and K.147 [liaison letter](#)

IEEE 802.3 Power Delivery Coordinating Committee (PDCC) Ad Hoc

ITU SG9: AAP consent of two draft new Recommendations ITU-T J.198.2(ex J.HiNoC3-PHY) and ITU-T J.198.3(ex J.HiNoC3-MAC) and agreement of draft new Supplement ITU-T J. Suppl. 12 (ex J.Sup-HiNoC) [liaison letter](#) and attachment [1](#), [2](#), and [3](#)

No activities in this area

OIF: Collaboration on Energy Efficiency with IEEE 802.3 [liaison letter](#)

IEEE P802.3dj 200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s Ethernet Task Force

Future Meetings Report – Chad Jones

https://www.ieee802.org/3/minutes/sep23/0923_meetings.pdf

Mr. Jones and Mr. Law thanked the host of the interim meeting, Macom, and the meeting planner Emily Davis.

OPEN Alliance Proposal for September 2024

https://www.ieee802.org/3/minutes/jan24/OPEN.IEEE.Sept2024.Proposal_FINAL2.pdf

Mr. Law asked if there was other business for the Working Group.

Mr. Law noted that Mr. Grow had stepped down from serving as Chair of the IEEE 802.3 PAR Review Ad Hoc and thanked him. Mr. Law announced that he had appointed Mr. Kent Lusted to serve as the IEEE 802.3 PAR Review Ad Hoc Chair. Mr. Lusted announced that he would be holding an IEEE 802.3 PAR Review Ad Hoc meeting before the March 2024 plenary session and would be circulating details shortly.

Mr. Law noted that the agenda had been exhausted and then adjourned the meeting.

Adjourned.