APPROVED MINUTES

IEEE 802.3 Ethernet Working Group
Working Group Meeting
May 16, 2024

https://ieee802.org/3/minutes/may24/index.html

THURSDAY, 16 MAY 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 EDT.

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

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 P802.3dm Asymmetrical Electrical Automotive Ethernet: Jon Lewis

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 P802.3-2022/Cor 1 (IEEE 802.3dn) Multi-Gigabit Automotive MDI Return Loss: Brett McClellan <bmc@marvell.com>

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

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://ieee802.org/3/minutes/may24/0524_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://ieee802.org/3/minutes/may24/0524_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: Kent Lusted

Procedural (> 50%)

Motion Passed by unanimous consent, 19:06 EDT

Call for patents

Please see

https://ieee802.org/3/minutes/may24/0524_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://ieee802.org/3/minutes/may24/0524_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://ieee802.org/3/minutes/may24/0524_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

It was noted that the posted balloting information was out of date and Mr. Law indicated that he would update it quickly.

- Maintain valid contact information
- Consistent declaration of affiliation

LIAISONS

External Liaison reports

ISO/IEC JTC 1/SC 25/WG 3 Customer Premises Cabling liaison report

ITU-T SG 15 Transport, Access and Home liaison report

External Liaison letters (old)

ITU SG5: Proposed future revision of ITU-T K.117 and K.147 liaison letter

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

ITU SG15: 100 Gb/s bidirectional point-to-point optical access liaison letter and attachment

External Liaison letters (new)

OIF: 800LR/800ZR IA Project updates liaison letter and attachment

OIF: Progress on OIF CEI-224G-LR-PAM4 project liaison letter and attachment

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MOTION #2

Approve IEEE_802d3_to_SG15_ANT_0524_draft_Redacted.pdf,
IEEE_802d3_to_SG15_HNT_0524_draft_Redacted.pdf, and
IEEE_802d3_to_SG15_OTNT_0524_draft_Redacted.pdf

with editorial license granted to the Chair (or his appointed agent) as liaison communications from the IEEE 802.3 Working Group to ITU-T SG15.

M: Tom Huber

S: Marek Hadjuczenia

Technical (>= 75%)

Y: 75 N: 0 A: 2

Motion Passed, 19:52 EDT

MOTION #3

Approve IEEE_802d3_to_SG15_3dk_0524_draft_Redacted.pdf

with editorial license granted to the Chair (or his appointed agent) as liaison communications from the IEEE 802.3 Working Group to ITU-T SG15.

M: Yuanqiu Luo

S: Kent Lusted

Technical (>= 75%)

Y: 70 N: 0 A: 0

Motion Passed, 19:57 EDT

IMAT Session Code provided and a pause for participants to log their attendance

Actions:

Future Meetings Report – Chad Jones

https://ieee802.org/3/minutes/may24/0524_meetings.pdf

Mr. Jones and Mr. Law thanked the host of the interim meeting, Ethernet Alliance, and the meeting planners.

Samtec Proposal to host for January 2025

https://ieee802.org/3/minutes/may24/Samtec%20802.3%20-%20Proposal%20SDPHXNOLA%20Jan%20'25.pdf

MOTION #4

Move that IEEE 802.3 accept the Samtec offer for the January 2025 interim as detailed in

https://www.ieee802.org/3/minutes/may24/Samtec%20802.3%20-%20Proposal%20SDPHXNOLA%20Jan%20'25.pdf

- M: Chad Jones   S: Bob Voss

By Rule (>= 75%)

Motion Passed by unanimous consent, 20:11 EDT

Submission of IEEE Std 802.3-2022 for adoption by ITU-T SG15 - Tom Huber

MOTION #5

Approve IEEE_802d3_to_ITU_SG15_160524_d2p0_Redacted.pdf and
IEEE_802d3_Ad01_justification_contribution_d3p4_Redacted.pdf

with editorial license granted to the Chair (or his appointed agent) as a contribution and
supporting liaison communication from the IEEE 802.3 Working Group to ITU-T SG15.

M: Tom Huber   S: Geoff Thompson

Technical (>= 75%)

Y: 57 N: 0 A: 0

Motion Passed, 20:25 EDT

IEEE 802.3 Maintenance – Adam Healey

MOTION #6

Approve <https://mentor.ieee.org/802-ec/dcn/24/ec-24-0099-00-00EC-ieee-802-3-to-iso-iec-jtc1-sc-6-china-national-body-comments-on-ieee-std-802-3-2022-adoption.pdf> and with editorial license granted to the Chair (or his appointed agent) as liaison communications from the IEEE 802.3 Working Group to ISO/IEC JTC 1/SC 6.

- M: A. Healey on behalf of the IEEE 802.3 Maintenance Task Force

Technical (>= 75%)

Y: 59 N: 0 A: 1

Motion Passed, 20:36 EDT

Adam Healey, IEEE 802.3 Vice-Chair, began chairing the meeting.

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

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MOTION #7

- Approve IEEE_802d3_to_ITU_3dj_2405_draft_Redacted.pdf with editorial license granted to the Chair (or his appointed agent) as liaison communication from the IEEE 802.3 Working Group to ITU-T.

- M: John D'Ambrosia

- S: Kent Lusted

Technical (>= 75%)

Y: 51 N: 0 A: 1

Motion Passed, 20:41 EDT

David Law resumed chairing the meeting

IEEE P802.3.1 (IEEE 802.3.1b) SMIv2 Data Models (Revision) Task Force – Marek Hajduczenia

https://ieee802.org/3/minutes/may24/802d3_task_force_802.3.1_802.3.2_closing.pdf

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MOTION #8

- Move to request conditional approval to progress the IEEE P802.3.1b draft to IEEE Standards Association ballot once the Working Group ballot process has been successfully completed.

- M: Marek Hajduczenia

- S: John D'Ambrosia

Technical (>= 75%)

Y: 47 N: 0 A: 1

Motion Passed, 20:46 EDT

Brett

IEEE P802.3-2022/Cor 1 (IEEE 802.3dn) Multi-Gig Automotive MDI return loss Task Force – Brett McClellan

https://ieee802.org/3/minutes/may24/802d3dn_task_force_report_May2024.pdf

MOTION #9

- Move that the IEEE 802.3 Working Group progress the IEEE P802.3-2022/Cor 1 (IEEE 802.3dn) draft to Standards Association ballot.

- M: Brett McClellan on behalf of the Task Force

Technical (>= 75%)

Y: 52 N: 0 A: 0

Motion Passed, 20:49 EDT

IEEE 802.3 Power Delivery Coordinating Committee Ad Hoc – Chad Jones

https://ieee802.org/3/minutes/may24/PDCC_adhoc_close_report_0524.pdf

MOTION #10

- Move that the IEEE 802.3 Working Group approve: The comments in the file https://www.ieee802.org/3/ad_hoc/PDCC/private/Kseries/T-REC-K.147-802d3-markup.docx with editorial license granted to the Chair (or his appointed agent) as a contribution from the IEEE 802.3 Working Group to ITU-T SG 5. Editorial license might include extracting the comments out of the Word document into the ITU comment template.

And

- Move that the IEEE 802.3 Working Group approve the delegation of Chad Jones, David Law, and David Tremblay as IEEE 802.3 representatives from the IEEE 802.3 Working Group to the ITU SG5 group for the June 2024 meeting series and any subsequent meetings required to complete the work of that session.

- M: Chad Jones

- S: Bob Voss

Technical (>= 75%)

Y: 45 N: 0 A: 2

Motion Passed, 20:55 EDT

Channel Operating Margin (COM) Code as Open Source - Kent Lusted

https://ieee802.org/3/minutes/may24/IEEE_802p3_WG_COM_update1.pdf

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

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

Adjourned.