

Approved Minutes
IEEE 802.3 Ethernet Working Group interim
Long Beach, CA, USA
17 January, 2019

<http://www.ieee802.org/3/minutes/jan19/index.html>

THURSDAY, 17 JANUARY, 2019

Minutes were taken by 802.3 Recording Secretary Pete Anslow.

ADMINISTRATIVE MATTERS

Call to order

Mr. David Law, Chair of the IEEE 802.3 Ethernet Working Group, called the meeting to order at 6:30 pm. Mr. Law announced that the meeting had quorum as it had been publicly announced at least 45 days in advance.

Welcome, introductions, and general announcements

Mr. Law asked the attendees to introduce themselves and announce their affiliation. Mr. Law also 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: Pete Anslow

IEEE 802.3 Executive Secretary: Steve Carlson

IEEE 802.3 Treasurer: Valerie Maguire

IEEE 802.3 Task Force chairs

- IEEE P802.3ca 25 Gb/s, 50 Gb/s, and 100 Gb/s EPON: Curtis Knittle
- IEEE P802.3cd 50Gb/s, 100 Gb/s, and 200 Gb/s Ethernet: Mark Nowell
- IEEE P802.3.2 (IEEE 802.3cf) YANG data models: Yan Zhuang
- IEEE P802.3cg 10 Mb/s Single Twisted Pair Ethernet: George Zimmerman
- IEEE P802.3ch Multi-Gig Automotive Ethernet PHY: Steve Carlson
- IEEE P802.3ck 100 Gb/s per Lane Electrical: Beth Kochuparambil
- IEEE P802.3cm 400 Gb/s over Multimode Fiber: Robert Lingle
- IEEE P802.3cn 50 Gb/s, 100 Gb/s, 200 Gb/s, and 400 Gb/s over SMF: John D'Ambrosia
- IEEE P802.3cp Bidirectional 10 Gb/s, 25 Gb/s, and 50 Gb/s Optical Access PHYs: Frank Effenberger
- IEEE P802.3cq Power over Ethernet over 2 Pairs (Maintenance #13): Chad Jones
- IEEE P802.3cr Isolation (Maintenance #14): Jon Lewis
- IEEE P802.3cs Ethernet access PMDs for central office consolidation (Super-PON): Claudio DiSanti

IEEE 802.3 Study Group chairs

- IEEE 802.3 100 Gb/s per lane optical PHYs: Mark Nowell

Working Group Decorum

Mr. Law introduced the Working Group decorum as described in the interim slides. Please see http://www.ieee802.org/3/minutes/jan19/0119_802_3_interim.pdf.

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

Mr. Law noted that there should be no recording or photography without permission.

Mr. Law noted that participants are required to register for this meeting and pay the meeting fee. Mr. Law also noted that participants must wear their badges in public areas at all times.

Recognition

Mr. Law announced that the IEEE Working Group had been presented with the IEEE-SA Emerging Technology Award “for the development of IEEE Std 802.3bs™-2017 200 Gb/s (200GbE) and 400 Gb/s Ethernet (400GbE) standard”.

Mr. Law also congratulated David Chalupsky, Roy Cideciyan, and Alan Flatman on being awarded the IEEE-SA Standards Medallion in 2018.

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 gave the minutes webpage for this meeting:

<http://www.ieee802.org/3/minutes/jan19/index.html>

MOTION #1

Approve the agenda.

M: J. D’Ambrosia

S: J. Lewis

Procedural (> 50%)

Passed by voice vote without opposition 17-Jan 2019, 6:41pm

Call for patents

Please see <http://standards.ieee.org/board/pat/pat-slideset.pdf>.

Mr. Law asked if anyone was unfamiliar with the IEEE patent policy. No one responded.

Mr. Law asked if anyone had or was aware of any essential IP or had a letter of assurance. There was no response.

Mr. Law asked that Mr. Anslow record that:

- No letters of assurance were submitted

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

Please see http://www.ieee802.org/3/minutes/jan19/0119_802_3_interim.pdf.

General Working Group business

Membership and attendance recording

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
- Maintain valid contact information
- Consistent declaration of affiliation

Please see <http://ieee802.org/3/rules/index.html> for complete information.

Review of voting membership

Please see http://www.ieee802.org/3/minutes/jan19/0119_voters.pdf.

Mr. Law reminded participants that the IEEE 802.3 Working Group would record meeting attendance using the IEEE-SA Meeting Attendance Tool.

Mr. Law pointed out that a document containing details of whether WG members have voted on recent WG ballots is available at:

http://www.ieee802.org/3/ballots/ballot_returns.pdf.

LIAISONS

External Liaison letters (old)

ITU JCA-IMT2020: Invitation to update the IMT2020 roadmap [liaison letter](#)

Mr. Hajduczenia presented a proposed liaison response to ITU-T JCA-IMT2020 generated by the IEEE P802.3ca Task Force. Please see:

http://ieee802.org/3/minutes/jan19/outgoing/IEEE_802d3_to_SG15_IMT2020_0119_draft.pdf.

MOTION #2

Move that the IEEE 802.3 Working Group approve:
IEEE_802d3_to_JCA_IMT2020_draft with editorial license granted to the Chair (or his appointed agent) as a liaison communication from the IEEE 802.3 Working Group to ITU-T Joint Coordination Activity for IMT2020 (JCA-IMT2020).

M: M. Hajduczenia

S: D. Remein

Technical ($\geq 75\%$)

Y: 63, N 0, A: 0

Passed 17-Jan 2019, 6:53pm

ITU-T SG15: G.709.3 and G.698.2 [liaison letter](#) and [attachment](#)

Mr. D'Ambrosia presented a proposed liaison to ITU-T SG15 generated by the IEEE P802.3cn Task Force. Please see:

http://iee802.org/3/minutes/jan19/outgoing/IEEE_802d3_to_ITU_3cn_0119_draft.pdf.

Minor changes were made to the text of the draft liaison.

OIF: 400ZR Interop Project [liaison letter](#) and [attachment](#)

Mr. D'Ambrosia reviewed a proposed liaison to the OIF generated by the IEEE P802.3cn Task Force. Please see:

http://iee802.org/3/minutes/jan19/outgoing/IEEE_802d3_to_OIF_3cn_0119_draft.pdf.

Minor changes were made to the text of the draft liaison.

MOTION #3

Move that the IEEE 802.3 Working Group approve:
IEEE_802d3_to_ITU_3cn_0119_draft
IEEE_802d3_to_OIF_3cn_0119_draft
with editorial license granted to the Chair (or his appointed agent) as liaison communications from the IEEE 802.3 Working Group to ITU-T and OIF.

M: J. D'Ambrosia

S: S. Trowbridge

Technical ($\geq 75\%$)

Y: 62, N 0, A: 0

Passed 17-Jan 2019, 6:57pm

External Liaison letters (new)

BBF: BBF to IEEE P1904 regarding reply to liaison on SIEPON YANG model [liaison letter](#)

Mr. Hajduczenia stated that some participants of the IEEE P802.3.2 (IEEE 802.3cf) Task Force had reviewed the letter and that no response was needed.

ITU-T SG9: ITU-T SG9 to ITU-T SG15 on the HNT Standards Overview and Work Plan [liaison letter](#)

ITU-T SG15: OTNT standardization work plan [liaison letter](#) and [attachment](#)

Consideration of the above two liaison letters was deferred until the May 2019 meeting due the alignment of the ITU-T SG15 and IEEE 802.3 meeting schedules.

ITU-T SG15: Bidirectional optics for access [liaison letter](#) and [attachment](#)

Mr. Anslow reported that the IEEE P802.3cp Task Force had reviewed the letter and that no response was needed from this meeting.

OIF: Progress on OIF CEI-112G project [liaison letter](#) and [attachment](#)

Ms. Kochuparambil presented a proposed liaison response to OIF generated by the IEEE P802.3ck Task Force. Please see:

http://ieee802.org/3/minutes/jan19/outgoing/IEEE_802d3_to_OIF_3ck_0119_draft.pdf.

MOTION #4

Move that the IEEE 802.3 Working Group approve:

IEEE_802d3_to_OIF_3ck_0119_draft

with editorial license granted to the Chair (or his appointed agent) as a liaison communication from the IEEE 802.3 Working Group to the OIF.

M: E. Kochuparambil

S: M. Dudek

Technical ($\geq 75\%$)

Passed by voice vote without opposition 17-Jan 2019, 7:04pm

IEEE 802.3 Maintenance – Adam Healey

Mr. Healey briefly outlined the PSDO (Partnership Standards Development Organization) process.

MOTION #5

Approve IEEE_802d3_to_ISOIEC_JTC1_SC6_0119_draft.pdf with editorial license granted to the Chair (or his appointed agent) as a liaison communication from the IEEE 802.3 Working Group to ISO/IEC JTC 1/SC 6.

M: A. Healey

S: M. Hajduczenia

Technical ($\geq 75\%$)

Y: 60, N 0, A: 0

Passed 17-Jan 2019, 7:08pm

MOTION #6

Submit IEEE Std 802.3-2018 and IEEE Std 802.3cb-2018 to ISO/IEC JTC 1/SC 6 for ratification under the PSDO agreement.

M: A. Healey on behalf of the IEEE 082.3 Maintenance Task Force

Technical ($\geq 75\%$)

Y: 64, N 0, A: 0

Passed 17-Jan 2019, 7:11pm

Announcements

Mr. Law announced that he was appointing Kent Lusted as Vice Chair of the P802.3ck Task Force.

Mr. Law announced that he was appointing Glen Kramer as Vice Chair of the P802.3ca Task Force.

Other business

Mr. Carlson reviewed the upcoming meetings.

Mr. Law informed the group that it had been suggested that IEEE 802.3 should purchase a one-year license for a teleconferencing tool and noted that the required expenditure had been authorized by a vote of the IEEE 802.3 Working Group Advisory Core (WGAC) with result Yes: 14, No: 0, Abstain 1.

ADJOURN

MOTION #7

Move to adjourn.

M: J. D' Ambrosia

S: D. Remein

Procedural (> 50%)

Passed by voice vote without opposition 17-Jan 2019, 7:22pm

Adjourned.

The list of participants for this meeting (including employers and affiliations) can be found at:

http://iee802.org/3/minutes/jan19/0119_WG_attendance.pdf

The next meeting of the IEEE 802.3 Working Group will be on Monday 11th March 2019, at the Fairmont Hotel Vancouver, Vancouver, BC, Canada.