

Approved Minutes
IEEE 802.3 Ethernet Working Group interim
New Orleans, LA, USA
25 May, 2017

<http://www.ieee802.org/3/minutes/may17/index.html>

THURSDAY, 25 MAY, 2017

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 7:01 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 P802.3bs 400 Gb/s Ethernet: John D'Ambrosia
- IEEE P802.3bt DTE Power via MDI over 4-Pair: Chad Jones
- IEEE P802.3ca 25 Gb/s, 50 Gb/s, and 100 Gb/s EPON: Curtis Knittle
- IEEE P802.3cb 2.5 Gb/s and 5 Gb/s Backplane: Dan Smith
- IEEE P802.3cc 25 Gb/s Ethernet PMD(s) over single-mode fiber: David Lewis
- 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 802.3 Study Group chairs

- IEEE 802.3 Multi-Gig Automotive Ethernet PHY Study Group: Steve Carlson

Working Group Decorum

Mr. Law introduced the Working Group decorum as described in the interim slides. Please see http://www.ieee802.org/3/minutes/may17/0517_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.

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/may17/>

MOTION #1

Approve the agenda.

M: J. D'Ambrosia

S: M. Hajduczenia

Procedural (> 50%)

Passed by voice vote without opposition 25-May 2017, 7:11pm

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/may17/0517_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/may17/0517_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

IEEE 802.3 Liaison to NEC Correlating Committee

Mr. Jones reviewed a proposed liaison to the NEC Correlating Committee. Please see: http://ieee802.org/3/minutes/may17/outgoing/IEEE_802d3_to_NFPA_CC_0517_draft.pdf.

Minor changes were made to the draft liaison.

MOTION #2

Move that the IEEE 802.3 Working Group approve IEEE_802d3_to_NFPA_CC_0517_draft.doc with editorial license granted to the Chair (or his appointed agent) as liaison communication from the IEEE 802.3 Working Group to NEC Correlating Committee.

M: C. Jones

S: G. Zimmerman

Technical ($\geq 75\%$)

Y: 62, N 0, A: 0

Passed 25-May 2017, 7:27pm

External Liaison letters (old)

ITU-T SG15 Access Network Transport (ANT) Standardization Work Plan [liaison letter](#)

ITU-T SG15 Home Network Transport (HNT) Standardization Work Plan [liaison letter](#)

ITU-T SG15 Optical Transport Network Technology (OTNT) Standardization Work Plan [liaison letter](#) and [attachment](#)

Mr. Hajduczenia presented a proposed liaison response to ITU-T SG15. Please see: http://iee802.org/3/minutes/may17/outgoing/IEEE_802d3_to_SG15_ANT_0517_draft.pdf.

Mr. Grow presented a proposed liaison response to ITU-T SG15. Please see: http://iee802.org/3/minutes/may17/outgoing/IEEE_802d3_to_SG15_HNT_0517_draft.pdf.

Mr. Trowbridge presented a proposed liaison response to ITU-T SG15. Please see: http://iee802.org/3/minutes/may17/outgoing/IEEE_802d3_to_SG15_OTNT_0517_draft.pdf.

Minor changes were made to the text of the three draft liaisons.

MOTION #3

Move that 802.3 approve:

[IEEE_802d3_to_SG15_ANT_0517_draft.pdf](#)

[IEEE_802d3_to_SG15_HNT_0517_draft.pdf](#)

[IEEE_802d3_to_SG15_OTNT_0517_draft.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: M. Hajduczenia

S: R. Grow

≥75%

Y: 68, N 0, A: 0

Passed 25-May 2017, 7:41pm

MEF: Layer 1 Connectivity Services [liaison letter](#).

Mr. Law reviewed this liaison letter and no response was considered necessary.

External Liaison letters (new)

Broadband Forum: Flex Ethernet for IP/MPLS Networks [liaison letter](#).

Mr. D'Ambrosia reported that this liaison letter had been reviewed in the NEA Ad Hoc and no response was considered necessary.

Ethernet Alliance PoE certification program [liaison letter](#).

Mr. Law noted that this item would be covered as part of the P802.3bt Task Force agenda item.

External Liaison letter (new, information item)

OIF: CEI-56G-MR-PAM and CEI-56G-LR-PAM project progress [letter](#), [attachment 1](#) [attachment 2](#)

This letter was addressed to the P802.3bs and P802.3cd task forces and copied to the 802.3 Working Group for information.

Future meetings – Steve Carlson

Mr. Carlson reviewed the details of an offer to host from ITU and IEEE 802.3. Please see http://iee802.org/3/minutes/may17/0517_ITU_dot3_offer_to_host_jan_2018.pdf.

MOTION #4

Move that IEEE 802.3 accept the ITU and IEEE 802.3 joint hosting offer for the January 2018 interim as detailed in 0517_ITU_dot3_offer_to_host_jan_2018.pdf.

M: S. Trowbridge

S: S. Carlson

Procedural (> 50%)

Passed by voice vote without opposition 25-May 2017, 7:56pm

IEEE 802.3 SCC18 Ad Hoc – Chad Jones

Mr. Jones presented an update of activity in IEEE SA SCC-18. Please see http://iee802.org/3/minutes/may17/0517_SCC18_report_to_802d3.pdf.

Mr. Jones reviewed a proposed liaison response to IEEE SCC-18. Please see: http://iee802.org/3/minutes/may17/outgoing/IEEE_802d3_to_SCC18_0517_draft.pdf.

Minor changes were made to the draft liaison.

MOTION #5

Move that the IEEE 802.3 Working Group approve IEEE_802d3_to_SCC18_0517_draft.doc with editorial license granted to the Chair (or his appointed agent) as liaison communication from the IEEE 802.3 Working Group to IEEE SCC18.

M: C. Jones

S: M. Wendt

Technical ($\geq 75\%$)

Y: 65, N 0, A: 2

Passed 25-May 2017, 8:08pm

Maintenance – Adam Healey

Mr. Healey presented two proposed liaisons to ISO/IEC JTC1 SC6 as generated by the Maintenance Task Force. Please see:

http://iee802.org/3/minutes/may17/outgoing/IEEE_802d3_to_ISOIEC_JTC1_SC6_0517_1_draft.pdf
http://iee802.org/3/minutes/may17/outgoing/IEEE_802d3_to_ISOIEC_JTC1_SC6_0517_2_draft.pdf.

MOTION #6

Approve

IEEE_802d3_to_ISOIEC_JTC1_SC6_0517_1_draft.pdf and
IEEE_802d3_to_ISOIEC_JTC1_SC6_0517_2_draft.pdf 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

S: G. Thompson

Technical ($\geq 75\%$)

Y: 67, N 0, A: 0

Passed 25-May 2017, 8:19pm

MOTION #7

Submit IEEE Std 802.3bu-2016 and IEEE Std 802.3bv-2017 to ISO/IEC JTC 1/SC 6 for
ratification under the PSDO agreement.

M: A. Healey

S: M. Hajduczenia

Technical ($\geq 75\%$)

Y: 73, N 0, A: 0

Passed 25-May 2017, 8:21pm

IEEE P802.3bt DTE Power via MDI over 4-Pair Task Force – Chad Jones

Please see http://ieee802.org/3/minutes/may17/0517_bt_report.pdf.

Mr. Jones reviewed a proposed liaison response to the Ethernet Alliance. Please see:
http://ieee802.org/3/minutes/may17/outgoing/IEEE_802d3_to_EA_0517_draft.pdf.

Minor changes were made to the draft liaison.

MOTION #8

Move that the IEEE 802.3 Working Group approve IEEE_802d3_to_EA_0517_draft.doc
with editorial license granted to the Chair (or his appointed agent) as liaison
communication from the IEEE 802.3 Working Group to the Ethernet Alliance.

M: C. Jones

S: D. Smith

Technical ($\geq 75\%$)

Passed by voice vote without opposition 25-May 2017, 8:27pm

Mr. Jones reviewed a proposed liaison response to ISO/IEC SC25 WG3. Please see: http://ieee802.org/3/minutes/may17/outgoing/IEEE_802d3_to_ISOIEC_SC25_WG3_0517_draft.pdf.

Minor changes were made to the draft liaison.

MOTION #9

Move that the IEEE 802.3 Working Group approve IEEE_802d3_to_ISOIEC_SC25_WG3_0517_draft.doc with editorial license granted to the Chair (or his appointed agent) as liaison communication from the IEEE 802.3 Working Group to ISO/IEC SC25 WG3.

M: C. Jones

S: M. Wendt

Technical ($\geq 75\%$)

Passed by voice vote without opposition 25-May 2017, 8:36pm

Mr. Jones noted that a PAR extension request was being made for the P802.3bt project.

IEEE P802.3cd 50 Gb/s, 100 Gb/s, and 200 Gb/s Ethernet Task Force – Mark Nowell

Please see http://ieee802.org/3/minutes/may17/0517_cd_report.pdf.

Mr. Nowell reviewed the changes made to the P802.3cd draft compared to the previewed version.

MOTION #10

Move that the IEEE 802.3 Working Group progress the IEEE P802.3cd draft to Working Group ballot.

M: M. Nowell

S: M. Brown

Technical ($\geq 75\%$)

Passed by voice vote without opposition 25-May 2017, 8:42pm

Mr. Nowell reviewed a proposed liaison response to OIF. Please see: http://ieee802.org/3/minutes/may17/outgoing/IEEE_802d3_to_ISOIEC_SC25_WG3_0517_draft.pdf.

MOTION #11

Move that the IEEE 802.3 Working Group approve IEEE_802d3_to_OIF_cd_0517_draft.pdf with editorial license granted to the Chair (or his appointed agent) as liaison communication from the IEEE 802.3 Working Group to OIF.

M: M. Nowell

S: M. Brown

Technical ($\geq 75\%$)

Passed by voice vote without opposition 25-May 2017, 8:43pm

IEEE 802.3 Industry Connections New Ethernet Applications Ad Hoc – John D'Ambrosia

Please see http://ieee802.org/3/minutes/may17/0517_NEA_report.pdf.

Announcements

Mr. Law announced the extension of the duration of the IEEE 802.3 SCC18 Ad Hoc until July 2017.

Mr. Law also announced that he has chartered an Isolation Ad Hoc chaired by John Lewis to examine the current IEEE 802.3 standard requirements for isolation based on IEC 60950-1 in view of its replacement by IEC 62368-1.

Other business

None

ADJOURN**MOTION #12**

Move to adjourn.

M: J. D'Ambrosia

S: J. Lewis

Procedural ($> 50\%$)

Passed by voice vote 25-May 2017, 8:54pm

Adjourned.

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

http://ieee802.org/3/minutes/may17/0517_WG_attendance.pdf

The next meeting of the IEEE 802.3 Working Group will be on Monday 10th July 2017, at the Estrel hotel, Berlin, Germany.