

Approved Minutes
IEEE 802.3 Ethernet Working Group interim
Bonita Springs FL, USA
September 17, 2015

<http://www.ieee802.org/3/minutes/sep15/index.html>

THURSDAY, SEPTEMBER 17, 2015

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 7:00 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. This included the following 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 P802.3bn EPON Protocol over Coax (EPoC): Mark Laubach
- IEEE P802.3bp 1000BASE-T1 PHY: Steve Carlson
- IEEE P802.3bq 25G/40GBASE-T: David Chalupsky
- IEEE P802.3br Interspersing Express Traffic: Ludwig Winkel
- IEEE P802.3bs 400 Gb/s Ethernet: John D'Ambrosia
- IEEE P802.3bt DTE Power via MDI over 4-Pair: Chad Jones
- IEEE P802.3bu 1-Pair Power over Data Lines (PoDL): Dave Dwelley
- IEEE P802.3bv Gigabit Ethernet Over Plastic Optical Fiber: Bob Grow
- IEEE P802.3bw 100BASE-T1: Steve Carlson
- IEEE P802.3by 25 Gb/s Ethernet: Mark Nowell
- IEEE P802.3bz 2.5G/5GBASE-T Task Force: David Chalupsky

IEEE 802.3 Study Group chairs

- IEEE 802.3 NG-EPON Study Group: Curtis Knittle
- IEEE 802.3 2.5 Gb/s and 5 Gb/s Backplane and Short Reach Copper Study Group: Yong Kim

Working Group Decorum

Mr. Law introduced the Working Group decorum as described in the interim slides. Please see http://www.ieee802.org/3/minutes/sep15/0915_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 general minutes webpage for IEEE 802.3:

<http://www.ieee802.org/3/minutes/>

Mr. Law proposed that the approval of the minutes be removed from the agenda and AOB added. There was no objection to this.

MOTION #1

Approve the agenda as modified.

M: B. Grow

S: J. D'Ambrosia

Procedural (> 50%)

Passed by voice vote without opposition 17-September 2015, 7:08 pm

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.

Please also see http://www.ieee802.org/3/minutes/sep15/0915_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/nov15/1115_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 or not WG members had voted on recent WG ballots was available at:

http://www.ieee802.org/3/ballots/ballot_returns.pdf and that after a further two ballots have closed, members who have not met the voting requirements will lose their voting rights.

LIAISONS

External Liaison letters (new)

ISO/IEC JTC1 SC25: Cable heating [liaison letter](#)

This letter was addressed to the P802.3bt Task Force and copied to the 802.3 Working Group.

ISO/IEC JTC1 SC25: Cabling to Support 2.5/5GBASE-T [liaison letter](#)

This letter was addressed to the P802.3bz Task Force and copied to the 802.3 Working Group.

ISO/IEC JTC1 SC25: ISO/IEC 11801 series Class I/II Cabling Return Loss [liaison letter](#)

This letter was addressed to the P802.3bq Task Force and copied to the 802.3 Working Group.

ISO/IEC JTC1 SC25: Withdrawal of POF References in ISO/IEC 11801 series [liaison letter](#)

This letter was addressed to the P802.3bv Task Force and copied to the 802.3 Working Group.

ISO/IEC JTC1 SC25: Cabling to Support 25GBASE-T [liaison letter](#)

This letter was addressed to the P802.3bq Task Force and copied to the 802.3 Working Group.

ITU-T SG9 to IEEE 802.3 on new work item for J.C-DOCSIS [liaison letter](#), [attachment 1](#) and [attachment 2](#)

Mr. Law noted that this liaison had been considered by the P802.3bn Task Force.

Mr. Laubach presented the proposed liaison response to ITU-T SG9 as generated by the P802.3bn Task Force. Please see:

http://iee802.org/3/minutes/sep15/outgoing/IEEE_802d3_to_ITU-T_SG9_0915_draft.pdf.

Some minor changes were made to the draft.

MOTION #2

Move that IEEE 802.3 approve:

IEEE_802d3_to_ITU-T_SG9_0915_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 ITU-T SG9.

M: M. Laubach

S: D. Remein

Technical ($\geq 75\%$)

Y: 45, N: 0, A: 3

Passed 17-September 2015, 7:32 pm

OIF to IEEE 802.3 on Flex Ethernet Implementation Agreement [liaison letter](#), [attachment 1](#) and [attachment 2](#)

Mr. Law noted that this letter will be considered at the November plenary meeting and a response generated, if appropriate, at the November closing plenary.

Mr. Trowbridge pointed out that the liaison letter asking for the allocation of an “O” code for use by Flex Ethernet is not clear as to which Ethernet rates the request applies to. Mr. Trowbridge presented a proposed liaison response to OIF requesting clarification. Please see: http://iee802.org/3/minutes/sep15/outgoing/IEEE_802d3_to_OIF_0915_draft.pdf.

MOTION #3

Move to approve: IEEE_802d3_to_OIF_0915_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 OIF.

M: S. Trowbridge

S: M. Carroll

Technical ($\geq 75\%$)

Passed by voice vote without opposition 17-September 2015, 7:41 pm

SFF: SFF-8601 Protocol Negotiation for Ethernet Drives [liaison letter](#)

Mr. Law noted that this liaison had been considered by the IEEE 802.3 2.5 Gb/s and 5 Gb/s Backplane and Short Reach Copper Study Group.

Mr. Kim presented the proposed liaison response to SFF-8601 as generated by the 2.5 Gb/s and 5 Gb/s Backplane and Short Reach Copper Study Group. Please see: http://ieee802.org/3/minutes/sep15/outgoing/IEEE_802d3_to_SFF-8601_0915_draft.pdf.

MOTION #4

Move that IEEE 802.3 approve:
IEEE_802d3_to_SFF-8601_0915_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 SFF-8601.

M: Y. Kim on behalf of the Study Group

Technical ($\geq 75\%$)

Passed by voice vote without opposition 17-September 2015, 7:45 pm

External Liaison letters (old)

ITU-T SG15 Multi-lane timestamping [liaison letter](#)

Mr. Law noted that this liaison had been considered by the timestamp Ad Hoc.

IEEE 1588: Liaison Statement from ITU-T SG15 entitled "LS on Timestamping Point for Multilane Ethernet Interfaces," [liaison letter](#)

Mr. Law noted that this liaison had also been considered by the timestamp Ad Hoc.

Mr. Law presented the proposed liaison response to ITU-T SG15 as generated by the timestamp Ad Hoc. Please see:

http://ieee802.org/3/minutes/sep15/outgoing/IEEE_802d3_to_SG15_0915_draft.pdf.

Some minor changes were made to the draft letter.

MOTION #5

Move that IEEE 802.3 approve: IEEE_802d3_to_SG15_0915_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 ITU-T SG15.

M: W. Powell

S: S. Gorshe

Technical ($\geq 75\%$)

Y: 44, N: 0, A: 2

Passed 17-September 2015, 8:05 pm

2017 National Electrical Code (NEC) revision Cycle

Mr. Carlson presented a report on the IEEE 802.3 comments on the 2017 NEC revision Cycle. Please see: http://iee802.org/3/minutes/sep15/0915_NFPA_comment_report.pdf.

Mr. Carlson then presented the proposed comment to the NFPA as generated by the P802.3bt Task Force. Please see:
http://iee802.org/3/minutes/sep15/0915_IEEE_802d3_comment_to_FR_4643_draft.pdf.

MOTION #6

Move to accept the contents of IEEE_802d3_to_SG15_0915_draft.pdf as the proposed 802.3 comment on Article 840.160 of the draft 2017 National Electrical Code.

M: C. Jones on behalf of the P802.3bt Task Force

Technical ($\geq 75\%$)

At this point there was a motion to amend Motion #6

MOTION #7

Move to amend IEEE_802d3_to_SG15_0915_draft.pdf to change the submitter to the IEEE 802.3 Executive Secretary.

M: J. Goergen

S: B. Grow

Technical ($\geq 75\%$)

Passed by voice vote without opposition 17-September 2015, 8:28 pm

MOTION #6 as amended by Motion #7

Move to accept the contents of IEEE_802d3_to_SG15_0915_draft.pdf as the proposed 802.3 comment on Article 840.160 of the draft 2017 National Electrical Code.

M: C. Jones on behalf of the P802.3bt Task Force

Technical ($\geq 75\%$)

Y: 46, N: 0, A: 2

Passed 17-September 2015, 8:31 pm

Endorsement of IEEE 802.3 candidates for IEEE SCC 18

Mr. Law indicated that he would like to nominate Joel Goergen and Bill Szeto as members of IEEE SCC 18.

MOTION #8

Move that the IEEE 802.3 Working Group endorse the nomination of Joel Goergen and Bill Szeto as members of IEEE SCC 18

M: B. Grow

S: C. Jones

Procedural (>50%)

Y: 46, N: 0, A: 0

Passed 17-September 2015, 8:47 pm

OTHER BUSINESS

Mr. Law noted that there is a new item (7.5) on the PAR form to indicate whether the project should be submitted to ANSI for consideration as an American National Standard. Several members spoke for responding “No” to this question.

Mr. Laubach announced that the P802.3bn Task Force is considering holding an additional interim meeting in December for processing recirculation ballot comments. Mr. Carlson added that the P802.3bp Task Force is also considering holding such a meeting in December.

ADJOURN

MOTION #9

Move to adjourn.

M: J. D’Ambrosia

S: D. Remein

Procedural (> 50%)

Passed by voice without opposition 17-September 2015, 8:59 pm

Adjourned.

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

http://iee802.org/3/minutes/sep15/0915_WG_attendance.pdf