Approved Minutes

IEEE 802.3 Ethernet Working Group interim

Charlotte, NC, USA

14 September, 2017

http://www.ieee802.org/3/minutes/sep17/index.html

THURSDAY, 14 SEPTEMBER, 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 P802.3ch Multi-Gig Automotive Ethernet PHY: Steve Carlson

IEEE 802.3 Study Group chairs

- IEEE 802.3 Beyond 10 km optical PHYs Study Group: John D'Ambrosia

George Eisler

Mr. Zimmerman informed the meeting that a long standing contributor to the IEEE 802.3 Working Group, George Eisler, had sadly passed away earlier in the year.

Working Group Decorum

Mr. Law introduced the Working Group decorum as described in the interim slides. Please see http://www.ieee802.org/3/minutes/sep17/0917_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/sep17/

MOTION #1

Approve the agenda.

M: J. D'Ambrosia   S: C. Jones

Procedural (> 50%)

Passed by voice vote without opposition 14-Sep 2017, 7:14pm

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/sep17/0917_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/sep17/0917_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 (new)

Ethernet Alliance: PoE certification program liaison letter

Mr. Law noted that consideration of this liaison letter will take place at the November meeting.

IEC TC 65/SC 65C/JWG 10: Single pair Ethernet liaison letter and attachment

Mr. law noted that consideration of this liaison letter will take place at the November meeting.

ITU-T SG15: Status of PON standardization and convergence liaison letter and attachment

Mr. Knittle noted that the P802.3ca Task Force had reviewed the liaison letter and no response was necessary.

OIF: 400ZR Interop Project liaison letter

Mr. D'Ambrosia reviewed a proposed liaison response to OIF generated by the IEEE 802.3 Beyond 10 km optical PHYs Study Group. Please see: http://ieee802.org/3/minutes/sep17/outgoing/IEEE_802d3_to_OIF_400ZR_0917_draft.pdf.

Minor changes were made to the draft liaison.

TR-42: TIA-568.5 Draft 0.3 liaison letter and attachment

Mr. Law noted that this liaison would be dealt with under the P802.3cg agenda item.

External Liaison letter (new, information item)

OIF: FlexE 2.0 Implementation Agreement liaison letter and attachment

Mr. D'Ambrosia noted that this liaison had been reviewed by the P802.3bs Task Force
and that no response is necessary.

OIF: CEI-56G-MR-PAM and CEI-56G-LR-PAM progress liaison letter, attachment 1 and
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.

Mr. Nowell reviewed a proposed liaison response to OIF. Please see:
http://ieee802.org/3/minutes/sep17/outgoing/IEEE_802d3_to_OIF_CEI_0917_draft.pdf.

Mr. Nowell announced that the P802.3cd Task Force would be holding a contingent out-
of-cycle teleconference interim meeting during the week of 4 December.

Future meetings – Steve Carlson

Mr. Carlson reviewed the upcoming contingent out-of-cycle teleconference interim meetings and the January interim.

IEEE 802.3 SCC18 Ad Hoc – Chad Jones

Mr. Jones gave an update of activity in IEEE 802.3 SCC-18 Ad Hoc.

At this point Mr. Healey took over as chair of the meeting.

MOTION #4

Move that IEEE 802.3 Working Group direct the TC64/PT716 External Representative to follow the recommendation of the SCC18 adhoc at the next comment review meeting.

M: C. Jones   S: G. Zimmerman

Technical (≥75%)

Passed by voice vote without opposition 14-Sep 2017, 7:48pm

Mr. Law resumed as chair of the meeting.

IEEE 802.3 Isolation Ad Hoc – Jon Lewis

Mr. Lewis presented an update of activity in the IEEE 802.3 Isolation Ad Hoc. Please see http://ieee802.org/3/minutes/sep17/0917_isolation_report.pdf.

Mr. Law announced that he has changed the scope of the Isolation Ad Hoc to be:

> To examine the current text in IEEE Std 802.3 for electrical isolation and text referencing external safety standards, and build consensus on proposed updates to be provided to the Maintenance Task Force

IEEE P802.3bs 400 Gb/s Ethernet Task Force – John D'Ambrosia

Please see http://ieee802.org/3/minutes/sep17/0917_bs_report.pdf.

Mr. D'Ambrosia reviewed the unsatisfied negative comments against the P802.3bs draft.

MOTION #5

Move that the IEEE 802.3 Working Group re-affirm the CSD responses in https://mentor.ieee.org/802-ec/dcn/16/ec-16-0057-00-ACSD-802-3bs.pdf and request conditional approval to progress the IEEE P802.3bs draft to RevCom once the Sponsor ballot process has been successfully completed.

M: J. D'Ambrosia   S: P. Anslow

Technical (≥75%)

Y: 52, N 0, A: 1

Passed 14-Sep 2017, 8:02pm

IEEE P802.3bv Gigabit Ethernet Over Plastic Optical Fiber Task Force – Bob Grow

Mr. Law recognized Mr. Grow for his contribution to the development of IEEE Std 802.3bv-2017.

Mr. Grow in turn recognized several other 802.3 WG members for their contributions to the IEEE P802.3bv project.

IEEE P802.3cc 25 Gb/s Ethernet over single-mode fiber Task Force – David Lewis

Please see http://ieee802.org/3/minutes/sep17/0917_cc_report.pdf.

Mr. Lewis explained the need for a change to the P802.3cc D3.3 draft.

MOTION #6

Make the change detailed on page 4 of 0917_cc_report.pdf to D3.3 of P802.3cc for sponsor ballot recirculation.

M: D. Murray   S: D. Smith

Technical (≥75%)

Passed by voice vote without opposition 14-Sep 2017, 8:12pm

Mr. Lewis reviewed the ballot statistics for the P802.3cc draft.

MOTION #7

Move that the IEEE 802.3 Working Group re-affirm the CSD responses in http://www.ieee802.org/3/cc/ec-16-0059-00-ACSD-802-3cc.pdf and request conditional approval to progress the IEEE P802.3cc draft to RevCom once the Sponsor ballot process has been successfully completed.

M: D. Lewis   S: D. Malicoat

Technical (≥75%)

Y: 52, N 0, A: 0

Passed 14-Sep 2017, 8:14pm

IEEE P802.3.2 (IEEE 802.3cf) YANG Data models Task Force – Yan Zhuang

Ms. Zhuang reviewed a proposed liaison to the IETF Netmod Working Group. Please see: http://ieee802.org/3/minutes/sep17/outgoing/IEEE_802d3_to_IETF_Netmod_0917_draft.pdf.

MOTION #8

Move that the IEEE 802.3 Working Group approve IEEE_802d3_to_IETF_Netmod_0917_draft.pdf with editorial license granted to the Chair (or his appointed agent) as liaison communication to the IETF Netmod Working Group.

M: M. Hajduczenia   S: P. Jones

Technical (≥75%)

Passed by voice vote without opposition 14-Sep 2017, 8:19pm

IEEE P802.3cg 10 Mb/s Single Twisted Pair Ethernet Task Force – George Zimmerman

Mr. Zimmerman reviewed a proposed liaison to TIA TR42. Please see: http://ieee802.org/3/minutes/sep17/outgoing/IEEE_802d3_to_TIA_TR42_0917_draft.pdf.

MOTION #9

Move that the IEEE 802.3 Working Group approve:

IEEE_802d3_to_TIA_TR42_0917_draft.pdf

with editorial license granted to the Chair (or his appointed agent) as liaison communications from the IEEE 802.3 Working Group to TIA TR42.

M: G. Zimmerman   S: P. Jones

Technical (≥75%)

Passed by voice vote without opposition 14-Sep 2017, 8:21pm

Mr. Zimmerman reviewed a proposed liaison to IEEE 802.1. Please see: http://ieee802.org/3/minutes/sep17/outgoing/IEEE_802d3_to_IEEE_802d1_0917_draft.pdf.

MOTION #10

Move that the IEEE 802.3 Working Group approve:

IEEE_802d3_to_IEEE_802d1_0917_draft.pdf

with editorial license granted to the Chair (or his appointed agent) as liaison communications from the IEEE 802.3 Working Group to IEEE 802.1.

M: G. Zimmerman   S: P. Jones

Technical (≥75%)

Passed by voice vote without opposition 14-Sep 2017, 8:24pm

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

Please see http://ieee802.org/3/minutes/sep17/0917_NEA_report.pdf.

Announcements

Mr. Healey announced that the IEEE P802.3 Revision to IEEE Std 802.3-2015 (IEEE 802.3cj) Maintenance #12 Task Force would be holding a contingent out-of-cycle teleconference interim meeting during the week of week of November 27 or the week of December 4.

Mr. Law announced that Glen Kramer, Rich Mellitz, and George Zimmerman have been awarded the IEEE standards medallion.

Other business

None

ADJOURN

MOTION #11

Move to adjourn.

M: J. D'Ambrosia   S: J. Lewis

Procedural (> 50%)

Passed by voice vote without opposition 14-Sep 2017, 8:30pm

Adjourned.

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

http://ieee802.org/3/minutes/sep17/0917_WG_attendance.pdf

The next meeting of the IEEE 802.3 Working Group will be on Monday 6th November 2017, at the Caribe Royale hotel, Orlando, FL, USA.