

Approved Minutes
IEEE 802.3 Ethernet Working Group plenary
San Antonio, TX, USA
November 3 to 6, 2014

<http://www.ieee802.org/3/minutes/nov14/index.html>

MONDAY, NOVEMBER 3, 2014

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 1:00 pm.

Welcome, introductions, and general announcements

Mr. Law introduced the 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 P802.3bm 40Gb/s and 100 Gb/s Fiber Optic: Dan Dove
- IEEE P802.3bn EPON Protocol over Coax (EPoC): Mark Laubach
- IEEE P802.3bp 1000BASE-T1 PHY: Steve Carlson
- IEEE P802.3bq 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 802.3 Study Group chairs

- IEEE 802.3 Gigabit Ethernet Over Plastic Optical Fiber: Bob Grow
- IEEE 802.3 25 Gb/s Ethernet Study Group: Mark Nowell

Due to the absence of Mr. Hogenmueller (IEEE P802.3bw 100BASE-T1 PHY Task Force Chair), Mr. Law announced that he was appointing Mr. Tazebay to chair the P802.3bw 100BASE-T1 PHY Task Force during this meeting.

Mr. Law asked the attendees to introduce themselves and announce their affiliation.

Working Group Decorum

Mr. Law introduced the Working Group decorum as described in his opening report. Please see http://www.ieee802.org/3/minutes/nov14/1114_802_3_opening_plenary.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.

IEEE Standards medallion

Mr. Law announced that Mr. Anslow had been awarded the IEEE-SA Standards Medallion. This was followed by a round of applause.

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 asked if there were any additions to the draft agenda. There was no response.

MOTION #1

Approve the agenda.

M: B. Grow

S: S. Trowbridge

Passed by voice vote without opposition 3-November 2014, 1:19 pm

Approval of July 2014 minutes

Please see http://www.ieee802.org/3/minutes/jul14/0714_minutes.pdf.

Mr. Law asked if there were any additions or corrections to the July 2014 minutes. There was no response. Mr. Law noted that the minutes were posted on 2 August 2014.

MOTION #2

Approve July 2014 Plenary meeting minutes.

M: M. Dudek

S: C. Jones

Passed by voice vote without opposition 3-November 2014, 1:21 pm

Call for patents

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

Mr. Law reviewed the patent policy with the Working Group.

Mr. Law asked if anyone had or was aware of any essential IP or had a letter of assurance. Carlos Pardo affiliated with KD-POF handed Mr. Law an LOA related to the proposed POF project.

Mr. Law asked that Mr. Anslow record that:

- The patent policy, per the latest PatCom slide set, was read
- 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/nov14/1114_802_3_opening_plenary.pdf.

General Working Group business

IEEE 802.3 Standards

Mr. Law discussed the latest IEEE 802.3 standards and drafts. Mr. Law noted the Get IEEE 802 URL. Mr. Law listed the current documents for this meeting, including the current revision.

IEEE Std 802.3TM-2012 (30th Aug 12 / 28th Dec 12)*

- IEEE Std 802.3bkTM-2013 (23rd Aug 13 / 30th Aug 13)*
- IEEE Std 802.3bjTM-2014 (12th Jun 14 / 3rd Sep 14)

IEEE Std 802.3.1TM-2013 (14th Jun 13 / 2nd Aug 13)*

* Available through Get IEEE 802 <http://standards.ieee.org/getieee802/802.3.html>

Note 1: Dates are Approval date / Publication date

Working Group activities since the July 2014 meeting

Please see http://www.ieee802.org/3/minutes/nov14/1114_802_3_opening_plenary.pdf.

8th through 12th September 2014, Ottawa, Canada.

- IEEE 802.3 Maintenance Task Force
- IEEE P802.3bm 40 Gb/s and 100 Gb/s Fiber Optic Task Force
- IEEE P802.3bn EPON Protocol over Coax (EPoC) Task Force
- IEEE P802.3bp 1000BASE-T1 PHY Task Force
- IEEE P802.3bq 40GBASE-T Task Force
- IEEE P802.3br Interspersing Express Traffic Task Force
- IEEE P802.3bs 400 Gb/s Ethernet Task Force
- IEEE P802.3bt DTE Power via MDI over 4-Pair Task Force
- IEEE P802.3bu 1-Pair Power over Data Lines (PoDL) Task Force
- IEEE P802.3bw 100BASE-T1 PHY Task Force
- IEEE 802.3 Gigabit Ethernet Over Plastic Optical Fiber Study Group

- IEEE 802.3 25 Gb/s Ethernet Study Group
- IEEE 802.3 Industry Connections NG-EPON ad hoc

19th and 20th October 2014, Warren, MI, USA.

- IEEE P802.3bw 100BASE-T1 PHY Task Force

2nd November 2014, San Antonio, TX, USA (co-located interim)

- IEEE 802.3 Industry Connections NG-EPON ad hoc

Mr. Law expressed his thanks to Ericsson and General Motors for hosting the two interim meetings and to Verizon for supporting the co-located interim.

IEEE 802.3 Ballots since the Last Plenary

Mr. Law noted the IEEE 802.3 ballots since the last meeting. Below is a summary of the ballots and ballot invitations that Mr. Law showed and can be found in the opening slides.

Working Group Ballots:

- None

Sponsor Ballots:

- IEEE P802.3bm 1st recirculation
- IEEE P802.3bm 2nd recirculation

Sponsor Ballot group formations

- None

Please see http://www.ieee802.org/3/minutes/nov14/1114_802_3_opening_plenary.pdf.

Documents

Mr. Law went over the current WG documents for this meeting's business.

IEEE P802.3bm 40 Gb/s and 100 Gb/s Fiber Optic Task Force

- IEEE P802.3bm/D3.2 and 2nd Sponsor ballot recirculation comments

IEEE P802.3 (IEEE 802.3bx) Maintenance #11 (revision)

- IEEE P802.3/D1.0, Working Group ballot preview draft

IEEE P802.3bw 100BASE-T1 Task Force

- IEEE P802.3bw/D1.1, Working Group ballot preview draft

IEEE 802.3 Gigabit Ethernet Over Plastic Optical Fiber Study Group

- New [PAR request](#) and supporting [CSD](#) and [objectives](#)
IEEE P802.3bv Standard for Ethernet Amendment: Physical Layer Specifications and Management Parameters for 1000 Mb/s Operation Over Plastic Optical Fiber

IEEE 802.3 25 Gb/s Ethernet Study Group

- New [PAR request](#) and supporting [CSD](#) and [objectives](#)
IEEE P802.3by Standard for Ethernet Amendment

Please see http://www.ieee802.org/3/minutes/nov14/1114_802_3_opening_plenary.pdf.

Attendance procedures, tool, books and address/e-mail list maintenance

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
- Maintain valid contact information
- Participate in 2 of last 3 WG ballots

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

Mr. Law emphasized that declaration of affiliation is a requirement to obtain credit for meeting attendance.

Mr. Law stated that the IEEE 802.3 Working Group will record meeting attendance using the IEEE-SA Meeting Attendance Tool.

Mr. Anslow reminded participants that, to use the tool, one must have an IEEE Web Account. Mr. Anslow presented a tutorial on how to acquire an IEEE Web Account and how to use the IEEE-SA Meeting Attendance tool.

Please see http://ieee802.org/3/minutes/nov14/1114_imat.pdf.

Mr. Anslow reminded participants to verify that the contact information (including employer) in their IEEE Web Account is current and correct. To maintain voting status, contact information must be up-to-date.

Mr. Anslow also reminded participants of the requirement to declare affiliation for this meeting and that this should be checked for correctness in the meeting attendance tool.

Review of voting membership

Please see http://www.ieee802.org/3/minutes/nov14/1114_voters.pdf.

Review of voters in peril

Please see http://www.ieee802.org/3/minutes/nov14/1114_peril.pdf.

Mr. Law pointed out that the list of voters in peril also showed "departing voters" who are voters with an attendance record such that they would not be voters after this session.

Request for membership

Please see http://www.ieee802.org/3/minutes/nov14/1114_potential.pdf.

Mr. Law went through the Potential Voters list. Mr. Anslow recorded the respondents:

Amason, Dale
Brandt, David
Brooks, Paul
Faller, Josef
Graba, James
Irwin, Scott
Jackson, Kenneth
Joseph, Antony
Klempa, Michael
Kojima, Keisuke
Larios, Efsthios

Li, Lei
Lichtenegger, Thomas
Lin, Ru Jian
Malkemus, James
Matola, Laurence
Park, Moon
Pepeljugoski, Petar
Rao, Ram
Sakamoto, Hisaya
Seiger, Alexander
Serizawa, Naoshi

Shirao, Mizuki
Slavick, Jeff
Tailor, Bharat
Tajima, Takayuki
Takahashi, Satoshi
Tretter, Albert
Tsukamoto, Yoshihiro
Tu, Mike
Yuki, Hayato
Zinner, Helge

Reflectors and WG information

Mr. Law reviewed the reflector policy, the process for subscribing and unsubscribing to the reflector, and the web site.

Please see http://www.ieee802.org/3/minutes/nov14/1114_802_3_opening_plenary.pdf.

Mr. Law informed the meeting that the private areas for the individual projects have been changed so that the general 802.3 Working Group username / password combination can be used instead of the individual project username / password.

IEEE 802.3 Treasurer's report – Valerie Maguire

Please see http://ieee802.org/3/minutes/nov14/1114_treasury.pdf.

Standards Board report (August meeting)

Please see http://www.ieee802.org/3/minutes/nov14/1114_802_3_opening_plenary.pdf.

IEEE 802 Executive Committee report

Please see http://www.ieee802.org/3/minutes/nov14/1114_802_3_opening_plenary.pdf.

EC Meetings for the week

Mr. Law reviewed the schedule of EC meetings for the plenary week.

Please see http://www.ieee802.org/3/minutes/nov14/1114_802_3_opening_plenary.pdf.

Other 802 PARs under consideration this week (comments due by 18:30 Tuesday)

Please see http://www.ieee802.org/3/minutes/nov14/1114_agenda_open.pdf.

- IEEE P802c: Standard for Local and Metropolitan Area Networks: Overview and Architecture: Amendment: Local Media Access Control (MAC) Addressing [PAR](#) and [CSD](#)
- IEEE P802.1ASRev: Standard for Local and Metropolitan Area Networks: Timing and Synchronization for Time-Sensitive Applications [PAR](#) and [CSD](#)

- IEEE P802.1Qch: Standard for Local and metropolitan area networks: Media Access Control (MAC) Bridges and Virtual Bridged Local Area Networks Amendment: Cyclic Queuing and Forwarding [PAR](#) and [CSD](#)
- IEEE P802.15.7a: Standard for Local and Metropolitan Area Networks: Part 15.7: Short-Range Wireless Optical Communication Using Visible Light: Amendment for a Physical Layer Supporting Optical Camera Communications [PAR](#) and [CSD](#)

Mr. Law asked if anyone wished to chair an Ad Hoc to review these PARs and submit comments on behalf of the Working Group. Mr. Grow provided a presentation containing draft comments on some of the proposed PARs and he also offered to chair an Ad Hoc to collect any further comments.

Please see http://www.ieee802.org/3/minutes/nov14/1114_agenda_open.pdf.

http://www.ieee802.org/3/minutes/nov14/1114_other_WG_comments_open.pdf

LIAISONS

External Liaison reports

ISO/IEC SC25/WG3 report – Alan Flatman

Please see

http://www.ieee802.org/3/minutes/nov14/1114_SC25_WG3_report_to_802d3.pdf.

TIA TR-42 report – Valerie Maguire

Please see

http://www.ieee802.org/3/minutes/nov14/1114_TIA_TR-42_report_to_802d3.pdf.

External Liaison letters (old)

ITU SG15: SG15 OTNT Standardization Work Plan [liaison letter](#) and [attachment](#)

Consideration of this letter was deferred from the July 2014 meeting due the alignment of the ITU-T SG15 and IEEE 802.3 meeting schedules.

Mr. Law requested that Mr. Trowbridge to draft a response to be reviewed at the closing plenary.

ITU SG15: new versions of the Access Network Transport (ANT) standardization overview and work plan [liaison letter](#)

Consideration of this letter was deferred from the July 2014 meeting due the alignment of the ITU-T SG15 and IEEE 802.3 meeting schedules.

Mr. Law requested that Mr. Hajduczenia to draft a response to be reviewed at the closing plenary.

External Liaison letters (new)

ISO/IEC JTC1 SC25: ISO/IEC 11801-9901 [liaison letter](#)

Mr. Law appointed the P802.3bq Task Force to review the letter and generate a response, as appropriate, for consideration at the closing plenary.

ISO/IEC JTC1 SC25/WG3 on channel specification above 1 600 MHz [liaison letter](#)

Mr. Law appointed the P802.3bq Task Force to review the letter and generate a response, as appropriate, for consideration at the closing plenary.

ISO/IEC JTC1 SC25/WG3 on remote powering [liaison letter](#)

Mr. Law appointed the P802.3bt Task Force to review the letter and generate a response, as appropriate, for consideration at the closing plenary.

ITU-T SG9: Alternative approval process (AAP) consent for recommendations ITU-T J.195.2 (ex. J.HiNoC-phy) and J.195.3 (ex. J.HiNoC-mac) [liaison letter](#), [attachment 1](#) and [attachment 2](#)

Mr. Law appointed the P802.3bn Task Force to review the letter and generate a response, as appropriate, for consideration at the closing plenary.

TIA TR42: Draft 2.0c of ANSI/TIA-568-C.2.1 Category 8 cabling [liaison letter](#) and [attachment](#)

Mr. Law appointed the P802.3bq Task Force to review the letter and generate a response, as appropriate, for consideration at the closing plenary.

TIA TR42: Draft 2.0E of ANSI/TIA-568-C.2.1 Category 8 cabling [liaison letter](#) and [attachment](#)

Mr. Law appointed the P802.3bq Task Force to review the letter and generate a response, as appropriate, for consideration at the closing plenary.

External Liaison letters (new, information item)

OIF: Progress on OIF CEI-56G projects [liaison letter](#) and [attachment](#)

Mr. Law noted that this letter had been reviewed by the P802.3bs Task Force in the September interim meeting and an [informal communication](#) in response had been sent to OIF by the P802.3bs Task Force.

OIF: Update on OIF CEI-56G projects [liaison letter](#) and [attachment](#)

Mr. Law noted that this letter was addressed to the P802.3bs Task Force and copied to the 802.3 Working Group.

FUTURE MEETINGS

Mr. Carlson reviewed the future meeting plan. Please see http://iee802.org/3/minutes/nov14/1114_meetings_open.pdf

http://www.ieee802.org/3/minutes/nov14/1114_Pittsburgh_May_2015.pdf

http://www.ieee802.org/3/minutes/nov14/1114_EA_Offer_to_Host_May_2016.pdf

Mr. Law asked for an indicative show of hands to the question: “Do you generally arrive at the 802.3 meeting by Sunday evening?” The majority of the working group indicated “Yes” to this.

Break at approximately 3:26 pm. Restarted at approximately 3:45 pm.

IEEE 802 WORKING GROUP POLICIES AND PROCEDURES

Please see http://ieee802.org/3/minutes/nov14/1114_rules_open_report.pdf.

STATE OF THE STANDARD

Please see http://ieee802.org/3/minutes/nov14/1114_state_of_std.pdf.

IEEE 802.3 Maintenance – Adam Healey

Please see http://ieee802.org/3/minutes/nov14/1114_maint_open_report.pdf.

TASK FORCE AND STUDY GROUP REPORTS

IEEE P802.3bm 40 Gb/s and 100 Gb/s Fiber Optic Task Force – Dan Dove

Please see http://ieee802.org/3/minutes/nov14/1114_bm_open_report.pdf.

IEEE P802.3bn EPON Protocol over Coax (EPoC) Task Force – Mark Laubach

Please see http://ieee802.org/3/minutes/nov14/1114_bn_open_report.pdf.

IEEE 802.3bp 1000BASE-T1 PHY Task Force – Steve Carlson

Please see http://ieee802.org/3/minutes/nov14/1114_bp_open_report.pdf.

IEEE P802.3bq 40GBASE-T Task Force – Dave Chalupsky

Please see http://ieee802.org/3/minutes/nov14/1114_bq_open_report.pdf.

IEEE P802.3br Interspersing Express Traffic Task Force – Ludwig Winkel

Please see http://ieee802.org/3/minutes/nov14/1114_br_open_report.pdf.

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

Please see http://ieee802.org/3/minutes/nov14/1114_400g_open_report.pdf.

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

Please see http://ieee802.org/3/minutes/nov14/1114_bt_open_report.pdf.

IEEE P802.3bu 1-Pair Power over Data Lines (PoDL) Task Force – Dave Dwelley

Please see http://ieee802.org/3/minutes/nov14/1114_bu_open_report.pdf.

IEEE P802.3bw 100BASE-T1 PHY Task Force – Mehmet Tazebay on behalf of Thomas Hogenmueller

Please see http://ieee802.org/3/minutes/nov14/1114_bw_open_report.pdf.

IEEE 802.3 Gigabit Ethernet Over Plastic Optical Fiber Study Group – Bob Grow

Please see http://ieee802.org/3/minutes/nov14/1114_gepof_open_report.pdf.

IEEE 802.3 25 Gb/s Ethernet Study Group – Mark Nowell

Please see http://ieee802.org/3/minutes/nov14/1114_25g_open_report.pdf

IEEE 802.3 Industry Connections NG-EPON ad hoc – Marek Hajduczenia on behalf of Howard Frazier

Please see http://ieee802.org/3/minutes/nov14/1114_ngepon_open.pdf

CALL FOR INTEREST

IEEE 802.3 Next Generation Enterprise Access BASE-T PHY Call for Interest – Yong Kim

Please see http://ieee802.org/3/minutes/nov14/1114_ngeabt_open_report.pdf

IEEE 802.3 25GBASE-T Call for Interest – Dave Chalupsky

Please see http://ieee802.org/3/minutes/nov14/1114_25gbt_open_report.pdf

ROOM ASSIGNMENTS, AND SUBGROUP SCHEDULES

Mr. Carlson noted that the room assignments were available via the 802.3 web page.

ADJOURN

No other items of business were presented.

MOTION #3

Move to adjourn.

M: D. Remein

S: K. Lusted

Procedural (> 50%)

Passed by voice vote without opposition 3-November 2014, 5:29 pm

Adjourned.

Approved Minutes
IEEE 802.3 Ethernet Working Group plenary
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<http://www.ieee802.org/3/minutes/nov14/index.html>

THURSDAY, NOVEMBER 6, 2014

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 1:00 pm.

Welcome, introductions, and general announcements

Mr. Law introduced the 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

Working Group Decorum

Mr. Law also introduced the Working Group decorum as described in his closing report. Please see http://www.ieee802.org/3/minutes/nov14/1114_802_3_closing_plenary.pdf.

Mr. Law asked if anyone was attending from the press including those who would run a public blog on this meeting. Mr. D'Ambrosia responded that he would be reporting on the meeting in a blog and via the press but this would be limited to summarizing the meeting outcomes.

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.

Mr. Law emphasized that attendees should observe proper decorum in meetings.

Approval of the Agenda

Mr. Law asked if there were any additions to the draft agenda. There was no response.

MOTION #1

Motion to approve the agenda.

M: S. Trowbridge

S: K. Lusted

Passed by voice vote without opposition 6-November 2014, 1:06 pm

Call for patents

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

Mr. Law asked if anyone had not seen the patent slides during the meeting week. No one responded.

Mr. Law asked if anyone had or was aware of any essential IP or had a letter of assurance, and no one came forth. Mr. Law asked Mr. Anslow to record that:

- No letters of assurance were submitted
- 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. and showed the slides. Please see

http://www.ieee802.org/3/minutes/nov14/1114_802_3_closing_plenary.pdf.

GENERAL WG BUSINESS

Membership and Attendance

Mr. Law reminded participants that attendance is recorded via the IEEE-SA Meeting Attendance tool. Mr. Law noted that attendance must be logged for the afternoon closing plenary session to get credit for the Thursday meeting.

Review of voting membership

Please see http://www.ieee802.org/3/minutes/nov14/1114_voters.pdf.

Review of voters in peril

Please see http://www.ieee802.org/3/minutes/nov14/1114_peril.pdf.

Request for membership

Please see http://www.ieee802.org/3/minutes/nov14/1114_potential.pdf.

Mr. Law went through the Potential Voters list. Mr. Anslow recorded the respondents:

Calderon, Juan-Carlos
Chini, Ahmad
Conroy, Keith

Feldman, Shahar
Matoglu, Erdem
Renteria, Victor

Salunke, Vineet
Wertheim, Oded
Yuan, Liqian

Reflectors and WG information

Mr. Law reviewed the reflector policy, the process for subscribing and unsubscribing to the reflector, and the web site.

Please see http://www.ieee802.org/3/minutes/nov14/1114_802_3_closing_plenary.pdf.

IEEE 802 Executive Committee items

Please see http://www.ieee802.org/3/minutes/nov14/1114_802_3_closing_plenary.pdf.

Mr. Law reviewed Executive Committee activities during the week.

Mr. Law noted that, since there was no further input offered from the Working Group (beyond the comments generated by the Ad Hoc chaired by Mr. Grow), he would vote on the PARs considered by the EC this week based on the discussion at the EC meeting.

External liaison letters

ITU SG15: SG15 OTNT Standardization Work Plan liaison letter

Mr. Trowbridge presented the proposed liaison response to ITU-T SG15. Please see: http://iee802.org/3/minutes/nov14/outgoing/IEEE_802d3_to_ITU-T_SG15_OTNT_1114_draft.pdf

A minor change was made to the text of the draft letter.

MOTION #2

Move that IEEE 802.3 WG approve the text in IEEE_802d3_to_ITU-T_SG15_OTNT_1114_draft.pdf, with editorial license granted to the Chair (or his appointed agent) as a liaison communication from the IEEE 802.3 WG to ITU-T Study Group 15.

M: S. Trowbridge

S: P. Anslow

Technical ($\geq 75\%$)

Y: 105, N: 0, A: 3

Passed 6-November 2014, 1:39 pm

ITU SG15: new versions of the Access Network Transport (ANT) standardization overview and work plan liaison letter

Mr. Hajduczenia presented the proposed liaison response to ITU-T SG15. Please see: http://iee802.org/3/minutes/nov14/outgoing/IEEE_802d3_to_ITU-T_SG15_ANT_1114_draft.pdf.

A minor change was made to the text of the draft letter.

MOTION #3

Move that IEEE 802.3 WG approve the text in IEEE_802d3_to_ITU-T_SG15_ANT_1114.pdf, with editorial license granted to the Chair (or his appointed agent) as a liaison communication from the IEEE 802.3 WG to ITU-T Study Group 15.

M: M. Hajduczenia

S: M. Laubach

Technical ($\geq 75\%$)

Y: 99, N: 0, A: 1

Passed 6-November 2014, 1:45 pm

ISO/IEC JTC1 SC25 11801-9901 liaison letter

Mr. Law noted that this item would be covered as part of the P802.3bq Task Force closing plenary report.

ISO/IEC JTC1 SC25/WG3 on channel specification above 1 600 MHz liaison letter

Mr. Law noted that this item would be covered as part of the P802.3bq Task Force closing plenary report.

ISO/IEC JTC1 SC25/WG3 on remote powering liaison letter

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

ITU-T SG9: Alternative approval process (AAP) consent for recommendations ITU-T J.195.2 (ex. J.HiNoC-phy) and J.195.3 (ex. J.HiNoC-mac) liaison letter

Mr. Law noted that this item would be covered as part of the P802.3bn Task Force closing plenary report.

TIA TR42: Draft 2.0c of ANSI/TIA-568-C.2.1 Category 8 cabling liaison letter

Mr. Law noted that this item would be covered as part of the P802.3bq Task Force closing plenary report.

TIA TR42: Draft 2.0E of ANSI/TIA-568-C.2.1 Category 8 cabling liaison letter

Mr. Law noted that this item would be covered as part of the P802.3bq Task Force closing plenary report.

Future meetings actions – Steve Carlson

Please see http://ieee802.org/3/minutes/nov14/1114_meetings_close.pdf.

The next Working Group plenary meeting will be 8 to 13 March 2015 in Berlin, Germany.

Mr. D'Ambrosia reviewed the details of the Ethernet Alliance offer for the May 2016 interim in:

http://www.ieee802.org/3/minutes/nov14/1114_EA_Offer_to_Host_May_2016.pdf

MOTION #4

Move that IEEE 802.3 accept the Ethernet Alliance offer for the May 2016 interim as detailed in 1114_EA_Offer_to_Host_May_2016.pdf.

M: S. Carlson

S: D. Chalupsky

Procedural >50%

Passed by voice without opposition 6-November 2014, 1:56 pm

REPORTS**IEEE 802.3 Maintenance – Adam Healey**

Please see http://ieee802.org/3/minutes/nov14/1114_maint_close_report.pdf.

MOTION #5

Reject revision request 1263 as beyond the scope of maintenance because it is a request for a new feature.

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

Technical ($\geq 75\%$)

Passed by voice without opposition 6-November 2014, 2:02 pm

MOTION #6

Request that the IEEE 802.3 Working Group chair progress IEEE P802.3Rev (IEEE 802.3bx) Draft 2.0 to Working Group ballot. Draft 2.0 is Draft 1.0 (preview draft) plus the IEEE Std 802.3-2012 errata

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

Technical ($\geq 75\%$)

Passed by voice without opposition 6-November 2014, 2:11 pm

Mr. Healey presented the liaison letter to ISO/IEC:

http://www.ieee802.org/3/minutes/nov14/outgoing/IEEE_802d3_to_ISOIEC_JTC1_SC6_1114_draft.pdf.

MOTION #7

Approve the text in “IEEE_802d3_to_ISOIEC_JTC1_SC6_1114_draft”, with editorial license granted to the IEEE 802.3 Working Group chair (or his appointed agent), as a liaison communication to ISO/IEC JTC 1/SC 6 in response to the China NB comment on IEEE Std 802.3.1-2013.

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

Technical ($\geq 75\%$)

Y: 102, N: 0, A: 1

Passed 6-November 2014, 2:19 pm

IEEE P802.3bm 40 Gb/s and 100 Gb/s Fiber Optic Task Force – Dan Dove

Please see http://ieee802.org/3/minutes/nov14/1114_bm_close_report.pdf.

MOTION #8

Move to:

- Confirm the IEEE 802.3bm CSD (grandfathered 5C) available at <http://ieee802.org/3/bm/P8023bm_5Criteria_1113.pdf>
- Request conditional approval to forward IEEE P802.3bm to RevCom

M: D. Dove

S: P. Anslow

Technical ($\geq 75\%$)

Y: 104, N: 0, A: 5

Passed 6-November 2014, 2:25 pm

IEEE P802.3bn EPON Protocol over Coax (EPoC) Task Force – Mark Laubach

Please see http://ieee802.org/3/minutes/nov14/1114_bn_close_report.pdf.

MOTION #9

Move to amend P802.3bn Task Force objective as follows:

“PHY to have:

- a downstream frame ~~error~~ loss ratio better than 10^{-6} at the MAC/PLS service interface;
- an upstream frame ~~error~~ loss ratio better than 5×10^{-5} at the MAC/PLS service interface.”

M: M. Laubach on behalf of the Task Force

Technical ($\geq 75\%$)

Passed by voice without opposition 6-November 2014, 2:36 pm

Mr. Laubach presented the proposed liaison response to ITU-T SG9. Please see:

http://www.ieee802.org/3/minutes/nov14/outgoing/IEEE_802d3_to_ITU-T_SG9_1114_draft.pdf

A minor changed was made to the text of the draft letter.

MOTION #10

Move that IEEE 802.3 WG approve the text in IEEE_802d3_to_ITU-T_SG9_1114.pdf with editorial license granted to the Chair (or his appointed agent) as a liaison communication by the Chair to ITU-T SG9.

M: M. Laubach

S: D. Remein

Technical ($\geq 75\%$)

Y: 96, N: 0, A: 4

Passed by voice without opposition 6-November 2014, 2:38 pm

IEEE P802.3bp 1000BASE-T1 PHY Task Force – Steve Carlson

Please see http://ieee802.org/3/minutes/nov14/1114_bp_close_report.pdf.

IEEE P802.3bq 40GBASE-T Task Force – Dave Chalupsky

Please see http://ieee802.org/3/minutes/nov14/1114_bq_close_report.pdf.

IEEE P802.3br Interspersing Express Traffic Task Force – Ludwig Winkel

Please see http://ieee802.org/3/minutes/nov14/1114_br_close_report.pdf.

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

Please see http://ieee802.org/3/minutes/nov14/1114_bs_close_report.pdf.

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

Please see http://ieee802.org/3/minutes/nov14/1114_bt_close_report.pdf.

Mr. Jones presented the proposed liaison response to ISO/IEC SC25/WG3. Please see: http://www.ieee802.org/3/minutes/nov14/outgoing/IEEE_802d3_to_SC25_PoE_1114_draft.pdf.

Break at approximately 3:05 pm. Restarted at approximately 3:20 pm.

MOTION #11

Move that IEEE 802.3 approve the text in IEEE_802d3_to_SC25_PoE_1114_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 SC25/WG3.

M: C. Jones

S: D. Dwelley

Technical ($\geq 75\%$)

Y: 40, N: 0, A: 4

Passed by voice vote without opposition 6-November 2014, 3:28 pm

IEEE P802.3bu 1-Pair Power over Data Lines (PoDL) Task Force – David Dwelley

Please see http://ieee802.org/3/minutes/nov14/1114_bu_close_report.pdf.

IEEE P802.3bw 100BASE-T1 Task Force – Mehmet Tazebay on behalf of Thomas Hogenmueller

Please see http://ieee802.org/3/minutes/nov14/1114_bw_close_report.pdf.

The changes made to the draft P802.3bw amendment with respect to the version submitted for preview were presented by Mr. Donahue.

MOTION #12

Confirm the IEEE 802.3bw CSD available at:

http://www.ieee802.org/3/bw/public/20140528_CSD_IEEE802_3bw.pdf

The IEEE P802.3bw Task Force requests that IEEE 802.3 send the IEEE P802.3bw draft as presented to IEEE 802.3 Working Group Ballot as IEEE P802.3bw D2.0, authorize the Task Force to respond to the comments and conduct re-circulations as necessary.

M: M. Tazebay

S: G. Thompson

Technical ($\geq 75\%$)

Passed by voice without opposition 6-November 2014, 3:47 pm

IEEE 802.3 Gigabit Ethernet Over Plastic Optical Fiber Study Group – Bob Grow

Please see http://ieee802.org/3/minutes/nov14/1114_gepof_close_report.pdf.

Mr. Grow noted that the IEEE P802.3bv Gigabit Ethernet over Plastic Optical Fiber (GEPOF) objectives and the Managed Objects response of the Criteria for Standards Development (CSD) were approved by the Working Group during the July 2014 Plenary meeting.

Mr. Grow presented the IEEE P802.3bv Gigabit Ethernet over Plastic Optical Fiber (GEPOF) proposed CSD “Broad Market Potential” response.

There was discussion as to whether broad market potential had been adequately established.

MOTION #13

Move to approve the Broad Market Potential response of the Criteria for Standards Development (CSD) of 1107_gepof_close_report.pdf.

M: B. Grow on behalf of the Study Group

Technical ($\geq 75\%$)

Y: 87, N: 2, A: 21

Passed 6-November 2014, 4:19 pm

Mr. Grow presented the IEEE P802.3bv Gigabit Ethernet over Plastic Optical Fiber (GEPOF) proposed CSD “Compatibility” response.

MOTION #14

Move to approve the Compatibility response of the Criteria for Standards Development (CSD) of 1107_gepof_close_report.pdf.

M: B. Grow on behalf of the Study Group

Technical ($\geq 75\%$)

Y: 83, N: 0, A: 16

Passed 6-November 2014, 4:22 pm

Mr. Grow presented the IEEE P802.3bv Gigabit Ethernet over Plastic Optical Fiber (GEPOF) proposed CSD “Distinct Identity” response.

MOTION #15

Move to approve the Distinct Identity response of the Criteria for Standards Development (CSD) of 1107_gepof_close_report.pdf (as amended by the GEPOF study group in response to comments).

M: B. Grow on behalf of the Study Group

Technical ($\geq 75\%$)

Y: 83, N: 0, A: 16

Passed 6-November 2014, 4:25 pm

Mr. Grow presented the IEEE P802.3bv Gigabit Ethernet over Plastic Optical Fiber (GEPOF) proposed CSD “Technical Feasibility” response.

MOTION #16

Move to approve the Technical Feasibility response of the Criteria for Standards Development (CSD) of 1107_gepof_close_report.pdf.

M: B. Grow on behalf of the Study Group

Technical ($\geq 75\%$)

Y: 80, N: 0, A: 20

Passed 6-November 2014, 4:27 pm

Mr. Grow presented the IEEE P802.3bv Gigabit Ethernet over Plastic Optical Fiber (GEPOF) proposed CSD “Economic Feasibility” response.

MOTION #17

Moved to approve the Economic Feasibility response of the Criteria for Standards Development (CSD) of 1107_gepof_close_report.pdf.

M: B. Grow on behalf of the Study Group

Technical ($\geq 75\%$)

Y: 81, N: 0, A: 15

Passed 6-November 2014, 4:30 pm

Mr. Grow presented the IEEE P802.3bv Gigabit Ethernet over Plastic Optical Fiber (GEPOF) proposed PAR.

MOTION #18

Move that 802.3 approve the IEEE P802.3bv Project Authorization Request (P802.3bv_PAR_051114.pdf as amended by the GEPOF Study Group in response to comments).

M: B. Grow on behalf of the Study Group

Technical ($\geq 75\%$)

Y: 78, N: 0, A: 17

Passed 6-November 2014, 4:38 pm

MOTION #19

Move that 802.3 approve a second extension of the GEPOF Study Group.

M: B. Grow on behalf of the Study Group

> 50%

Y: 83, N: 0, A: 9

Passed 6-November 2014, 4:40 pm

Mr. Law announced that should the Task Force be approved, he will appoint Mr. Grow to be chair of the Task Force.

IEEE 802.3 25 Gb/s Ethernet Study Group – Mark Nowell

Please see http://ieee802.org/3/minutes/nov14/1114_25g_close_report.pdf

Mr. Nowell presented the IEEE P802.3by 25 Gb/s Ethernet proposed objectives.

MOTION #20

Move that 802.3 approve the IEEE P802.3by 25 Gb/s Ethernet objectives, as per 1114_25g_close_report.pdf

M: M. Nowell

S: M. Brown

Technical ($\geq 75\%$)

Passed by voice without opposition 6-November 2014, 4:46 pm

Mr. Nowell presented the IEEE P802.3by 25 Gb/s Ethernet proposed CSD “Managed Objects” response.

MOTION #21

Move that 802.3 approve the IEEE P802.3by 25 Gb/s Ethernet CSD “Managed Objects” response, as per 1114_25g_close_report.pdf

M: M. Nowell

S: M. Brown

Technical ($\geq 75\%$)

Y: 91, N: 0, A: 6

Passed 6-November 2014, 4:50 pm

Mr. Nowell presented the IEEE P802.3by 25 Gb/s Ethernet proposed CSD “Coexistence” response.

MOTION #22

Move that 802.3 approve the IEEE P802.3by 25 Gb/s Ethernet CSD “Coexistence” response, as per 1114_25g_close_report.pdf

M: M. Nowell

S: M. Brown

Technical ($\geq 75\%$)

Y: 84, N: 0, A: 8

Passed 6-November 2014, 4:52 pm

Mr. Nowell presented the IEEE P802.3by 25 Gb/s Ethernet proposed CSD “Broad Market Potential” response.

MOTION #23

Move that 802.3 approve the IEEE P802.3by 25 Gb/s Ethernet CSD “Broad Market Potential” response, as per 1114_25g_close_report.pdf

M: M. Nowell

S: M. Brown

Technical ($\geq 75\%$)

Y: 87, N: 0, A: 5

Passed 6-November 2014, 4:53 pm

Mr. Nowell presented the IEEE P802.3by 25 Gb/s Ethernet proposed CSD “Compatibility” response.

MOTION #24

Move that 802.3 approve the IEEE P802.3by 25 Gb/s Ethernet CSD “Compatibility” response, as per 1114_25g_close_report.pdf.

M: M. Nowell

S: M. Brown

Technical ($\geq 75\%$)

Y: 86, N: 0, A: 6

Passed 6-November 2014, 4:56 pm

Mr. Nowell presented the IEEE P802.3by 25 Gb/s Ethernet proposed CSD “Distinct Identity” response.

MOTION #25

Move that 802.3 approve the IEEE P802.3by 25 Gb/s Ethernet CSD “Distinct Identity” response, as per 1114_25g_close_report.pdf.

M: M. Nowell

S: M. Brown

Technical ($\geq 75\%$)

Y: 85, N: 0, A: 8

Passed 6-November 2014, 4:58 pm

Mr. Nowell presented the IEEE P802.3by 25 Gb/s Ethernet proposed CSD “Technical Feasibility” response.

MOTION #26

Move that 802.3 approve the IEEE P802.3by 25 Gb/s Ethernet CSD “Technical Feasibility” response, as per 1114_25g_close_report.pdf.

M: M. Nowell

S: M. Brown

Technical ($\geq 75\%$)

Y: 87, N: 0, A: 7

Passed 6-November 2014, 4:59 pm

Mr. Nowell presented the IEEE P802.3by 25 Gb/s Ethernet proposed CSD “Economic Feasibility” response.

MOTION #27

Move that 802.3 approve the IEEE P802.3by 25 Gb/s Ethernet CSD “Economic Feasibility” response, as per 1114_25g_close_report.pdf.

M: M. Nowell

S: M. Brown

Technical ($\geq 75\%$)

Y: 88, N: 0, A: 7

Passed 6-November 2014, 5:01 pm

Mr. Nowell presented the IEEE P802.3by draft PAR.

MOTION #28

Move that 802.3 approve the IEEE P802.3by 25 Gb/s Ethernet PAR, as per http://www.ieee802.org/3/25GSG/25GE_PAR_updated_051114.pdf

M: M. Nowell

S: M. Brown

Technical ($\geq 75\%$)

Y: 85, N: 0, A: 8

Passed by voice without opposition 6-November 2014, 5:13 pm

MOTION #29

Move that IEEE 802.3 Working Group extends the 25 Gb/s Ethernet Study Group

M: M. Nowell on behalf of the Study Group

> 50%

Y: 88, N: 0, A: 3

Passed 6-November 2014, 5:16 pm

Mr. Law announced that should the Task Force be approved, he will appoint Mr. Nowell to be chair of the Task Force.

CALL FOR INTEREST

IEEE 802.3 Next Generation Enterprise Access BASE-T PHY Call for Interest – Yong Kim

Please see http://ieee802.org/3/minutes/nov14/1114_ngeabt_close_report.pdf.

MOTION #30

Move that,

Request that the IEEE 802.3 WG form a study group to develop a PAR and CSD for: “Next Generation Enterprise BASE-T Access”

M: D. Chalupsky

S: Y. Kim

> 50%

Y: 92, N: 0, A: 2

Passed 6-November 2014, 5:26 pm

Mr. Law announced that, should the Study Group be approved, he will appoint Mr. Chalupsky to be chair of the Study Group.

IEEE 802.3 25GBASE-T Call for Interest – Dave Chalupsky

Please see http://ieee802.org/3/minutes/nov14/1114_25gbit_close_report.pdf.

MOTION #31

Request that the IEEE 802.3 WG form a study group to develop PAR and CSD modifications to P802.3bq to add 25GBASE-T to that project.

M: D. Chalupsky

S: G. Zimmerman

> 50%

Y: 83, N: 0, A: 5

Passed 6-November 2014, 5:38 pm

Mr. Law announced that, should the Study Group be approved, he will appoint Mr. Chalupsky to be chair of the Study Group.

OTHER BUSINESS

No other items of business were presented.

ADJOURN**MOTION #32**

Move to adjourn.

M: J. D'Ambrosia

S: M. Laubach

Procedural (> 50%)

Passed by voice without opposition 6-November 2014, 5:40 pm

Adjourned.

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

http://ieee802.org/3/minutes/nov14/1114_attendance_san_antonio.pdf