

Approved Minutes
IEEE 802.3 Ethernet Working Group plenary
Berlin, Germany
March 9 to 12, 2015

<http://www.ieee802.org/3/minutes/mar15/index.html>

MONDAY, MARCH 9, 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 10:00 am. Mr. Law announced that the meeting had quorum as it was being held as part of a plenary session.

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 P802.3bm 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 P802.3bv Gigabit Ethernet Over Plastic Optical Fiber: Bob Grow
- IEEE P802.3bw 100BASE-T1: Thomas Hogenmueller
- IEEE P802.3by 25 Gb/s Ethernet: Mark Nowell

IEEE 802.3 Study Group chairs

- IEEE 802.3 Next Generation Enterprise Access BASE-T PHY Study Group:
David Chalupsky
- IEEE 802.3 25GBASE-T Study Group: David Chalupsky

Working Group Decorum

Mr. Law introduced the Working Group decorum as described in his opening report. Please see http://www.ieee802.org/3/minutes/mar15/0315_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. 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. Chalupsky, Mr. Jones, and Mr. Trowbridge also responded in a similar manner.

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

MOTION #1

Approve the agenda.

M: B. Grow

S: D. Remein

Procedural (> 50%)

Passed by voice vote without opposition 9-March 2015, 10:15 am

Approval of November 2014 minutes

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

Mr. Law asked if there were any additions or corrections to the November 2014 minutes. Mr. Law noted that the minutes were posted on 18 November 2014 and updated with a minor correction on 19 November 2014. Mr. Anslow noted that it had been pointed out that the footer was for the wrong meeting and that this would be corrected.

MOTION #2

Approve November 2014 Plenary meeting minutes.

M: K. Lusted

S: S. Trowbridge

> 50%

Passed by voice vote without opposition 9-March 2015, 10:17 am

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. 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 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/mar15/0315_802_3_opening_plenary.pdf.

General Working Group business

Working Group activities since the November 2014 meeting

Please see http://www.ieee802.org/3/minutes/mar15/0315_802_3_opening_plenary.pdf.

12th through 16th January 2015, Atlanta, GA, USA.

- IEEE 802.3 interim meeting series

2nd and 3rd February 2015, Louisville, CO, USA.

- IEEE 802.3 Next Generation EPON (NGEPON) Ad Hoc

9th through 12th February 2015, Austin, TX, USA

- IEEE P802.3bp 1000BASE-T1 Task Force
- IEEE P802.3bw 100BASE-T1 Task Force

Mr. Law expressed his thanks to CableLabs and Freescale for hosting the Louisville and Austin interim meetings, respectively.

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
- 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.

Mr. Anslow reminded participants that the IEEE 802.3 Working Group would record meeting attendance using the IEEE-SA Meeting Attendance Tool and that declaration of affiliation is a requirement to obtain credit for meeting attendance. Mr. Anslow noted that a presentation giving details of the attendance procedure is available at: http://iee802.org/3/minutes/mar15/0315_imat.pdf

Review of voting membership

Please see http://www.iee802.org/3/minutes/mar15/0315_voters.pdf.

Review of voters in peril

Please see http://www.iee802.org/3/minutes/mar15/0315_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.iee802.org/3/minutes/mar15/0315_potential.pdf.

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

Andrewartha, J Michael	Gorshe, Steven	Shariff, Masood
Baek, Kwang-Hyun	Lee, Arthur	Souignier, Tom
Bains, Amrik	Mcclellan, Brett	Stone, Robert
Carty, Clark	Moffitt, Bryan	Tooyserkani, Pirooz
Chang, Jacky	Regev, Alon	Wen, Yang
Chen, David	Roth, Christopher	Wienckowski, Natalie
Feyh, German		

IEEE 802.3 Treasurer's report – Valerie Maguire

Please see http://iee802.org/3/minutes/mar15/0315_treasury.pdf.

Standards Board report (December and March meeting)

Please see http://www.iee802.org/3/minutes/mar15/0315_802_3_opening_plenary.pdf.

IEEE 802 Executive Committee report

Please see http://www.iee802.org/3/minutes/mar15/0315_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.iee802.org/3/minutes/mar15/0315_802_3_opening_plenary.pdf.

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

Please see http://www.iee802.org/3/minutes/mar15/0315_agenda_open.pdf.

- <unassigned> Recommended Practice for Information technology-- Telecommunications and information exchange between systems-- Local and metropolitan area networks: Privacy considerations for IEEE 802 Technologies. [PAR](#) and [CSD](#).
- IEEE P802c Standard for Local and Metropolitan Area Networks: Overview and Architecture Amendment: Local MAC Address Usage [PAR](#) and [CSD](#)
- IEEE P802.1Qci Standard for Local and metropolitan area networks--Bridges and Bridged Networks Amendment: Per-Stream Filtering and Policing [PAR](#) and [CSD](#)
- IEEE P802.1Qcj Standard for Local and metropolitan area networks--Bridges and Bridged Networks Amendment: Automatic Attachment to Provider Backbone Bridging (PBB) services [PAR](#) and [CSD](#)
- IEEE P802.11a? Wireless LAN Medium Access Control and Physical Layer Specifications Amendment: Enhancements for Ultra High Throughput in and around the 60 GHz Band [PAR](#) and [CSD](#)
- IEEE P802.15.3e Wireless Medium Access Control and Physical Layer Specifications for High Rate Wireless Personal Area Networks (WPAN) Amendment for high-rate close proximity point-to-point communications [PAR](#) and [CSD](#)

Mr. Law announced that Mr. Grow had kindly offered to chair an Ad Hoc to review these PARs (together with the IEEE 802.24 TAG Task Group on IoT) and submit comments on behalf of the Working Group. Mr. Grow had provided draft comments on some of the proposed PARs in: http://www.ieee802.org/3/email_dialog/msg00238.html

LIAISONS

External Liaison reports

ISO/IEC SC25/WG3 report – Alan Flatman

This was deferred to the July 2015 plenary meeting.

TIA TR-42 report – Valerie Maguire

Please see

http://www.ieee802.org/3/minutes/mar15/0315_TIA_TR-42_report_to_802d3.pdf.

External Liaison letters (new)

ISO/IEC JTC 1/SC 25: Copper qualification [liaison letter](#)

Mr. Law appointed the 802.3 Next Generation Enterprise Access BASE-T PHY Study Group to review the letter and generate a response, if appropriate, for consideration at the closing plenary.

ISO/IEC JTC 1/SC 25: MICE classification [liaison letter](#)

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

ISO/IEC JTC 1/SC 25: Remote powering [liaison letter](#)

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

ITU SG5: New Recommendations related to Ethernet port protection [liaison letter](#)

Mr. Law appointed Mr. Carlson to chair an Ad Hoc to review the letter and generate a response, if appropriate, for consideration at the closing plenary.

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

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

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

Mr. Law announced that he will chair an Ad Hoc to draft a response, if appropriate, to be reviewed at the closing plenary.

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

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

TIA TR42: DC resistance unbalance between pairs [liaison letter](#), [attachment 1](#) and [attachment 2](#)

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

TIA TR42: Draft 0.6 of TSB-5019 High performance structured cabling use cases for data centers and other premises [liaison letter](#) and [attachment](#)

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

TIA TR42: Draft 3.0 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, if appropriate, for consideration at the closing plenary.

TIA TR42: Draft 3.1 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, if appropriate, for consideration at the closing plenary.

TIA TR42: New TIA TR42.7 project in support of 2.5 Gb/s and 5 Gb/s BASE-T [liaison letter](#)

Mr. Law appointed the 802.3 Next Generation Enterprise Access BASE-T PHY Study Group to review the letter and generate a response, if appropriate, for consideration at the closing plenary.

TIA TR42: New TIA TR42.9 project in support of 1000BASE-T1 [liaison letter](#)

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

IEEE 802.3 Rules – Adam Healey

Please see http://ieee802.org/3/minutes/mar15/0315_rules_open_report.pdf.

IEEE 802.3 Maintenance – Adam Healey

Please see http://ieee802.org/3/minutes/mar15/0315_maint_open_report.pdf
and http://ieee802.org/3/minutes/mar15/0315_state_of_std.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/mar15/0315_bm_open_report.pdf.

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

Please see http://ieee802.org/3/minutes/mar15/0315_bn_open_report.pdf.

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

Please see http://ieee802.org/3/minutes/mar15/0315_bp_open_report.pdf.

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

Please see http://ieee802.org/3/minutes/mar15/0315_bq_open_report.pdf.

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

Please see http://ieee802.org/3/minutes/mar15/0315_br_open_report.pdf.

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

Please see http://ieee802.org/3/minutes/mar15/0315_bs_open_report.pdf.

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

Please see http://ieee802.org/3/minutes/mar15/0315_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/mar15/0315_bu_open_report.pdf.

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

Please see http://ieee802.org/3/minutes/mar15/0315_bv_open_report.pdf.

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

Please see http://ieee802.org/3/minutes/mar15/0315_bw_open_report.pdf.

IEEE 802.3by 25 Gb/s Ethernet Task Force – Mark Nowell

Please see http://iee802.org/3/minutes/mar15/0315_by_open_report.pdf

IEEE 802.3 Next Generation Enterprise Access BASE-T PHY Study Group – Dave Chalupsky

Please see http://iee802.org/3/minutes/mar15/0315_ngeabt_open_report.pdf

IEEE 802.3 25GBASE-T Study Group – Dave Chalupsky

Please see http://iee802.org/3/minutes/mar15/0315_25gbt_open_report.pdf

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

Please see http://iee802.org/3/minutes/mar15/0315_ngepon_open.pdf

ROOM ASSIGNMENTS, AND SUBGROUP SCHEDULES

Mr. Carlson provided the room assignments for the various Ad Hoc meetings and noted that the other room assignments were available via the 802.3 web page.

ADJOURN

No other items of business were presented.

MOTION #3

Move to adjourn.

M: J. D’Ambrosia

S: B. Grow

Procedural (> 50%)

Passed by voice vote without opposition 9-March 2015, 12:02 pm

Adjourned.

Approved Minutes
IEEE 802.3 Ethernet Working Group plenary
Berlin, Germany
March 9 to 12, 2015

<http://www.ieee802.org/3/minutes/mar15/index.html>

THURSDAY, MARCH 12, 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 1:00 pm. Mr. Law announced that the meeting had quorum as it was being held as part of a plenary session.

Welcome, introductions, and general announcements

Mr. Law showed a list of the officers of the Working Group. Please see http://www.ieee802.org/3/minutes/mar15/0315_802_3_closing_plenary.pdf.

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/mar15/0315_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: M. Hajduczenia

S: K. Lusted

Procedural (> 50%)

Passed by voice vote without opposition 12-March 2015, 1:05 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/mar15/0315_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/mar15/0315_voters.pdf.

Review of voters in peril

Please see http://www.ieee802.org/3/minutes/mar15/0315_peril.pdf.

Request for membership

Please see http://www.ieee802.org/3/minutes/mar15/0315_potential.pdf.

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

Dedic, Ian

Pischl, Neven

Gardner, Andrew

Weber, Markus

IEEE 802 Executive Committee items

Please see http://www.ieee802.org/3/minutes/mar15/0315_802_3_closing_plenary.pdf.

Mr. Law reviewed Executive Committee activities during the week.

Other IEEE 802 PARs and IEEE 802.24 Task Group formation proposals

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.

IEEE 802.24 IoT Task Group formation proposals

Mr. DiMinico displayed the proposed scope for 802.24 IoT Task Group contained in: https://mentor.ieee.org/802.24/documents_24-15-0003-01.docx

MOTION #2

Moved: IEEE 802.3 working group supports the formation of the IEEE 802.24.2 IoT Task Group with the scope contained in document 24-15-0003-01.docx*

*<https://mentor.ieee.org/802.24/documents>

M: C. DiMinico

S: J. D'Ambrosia

Technical ($\geq 75\%$)

Y: 109, N: 0, A: 18

Passed 12-March 2015, 1:22 pm

Future meetings actions – Steve Carlson

Please see http://ieee802.org/3/minutes/mar15/0315_meetings_close.pdf.

Mr. Heile reviewed the details of the 802 offer for the January 2016 interim in:

http://www.ieee802.org/3/minutes/mar15/0315_802_offer_to_host_jan_2016.pdf

MOTION #3

Move that 802.3 agrees to meet in Atlanta in January 2016 as part of the 802 sponsored Interim assuming the Verilan option and provided a \$375 (not to exceed \$400) early bird registration fee is approved by the EC.

M: B. Grow

S: G. Thompson

Procedural $> 50\%$

Y: 100, N: 5, A: 20

Passed 12-March 2015, 1:52 pm

External liaison letters (new)

ISO/IEC JTC 1/SC 25: Copper qualification liaison letter

Mr. Law noted that this item would be covered as part of the 802.3 Next Generation Enterprise Access BASE-T PHY Study Group closing plenary report.

ISO/IEC JTC 1/SC 25: MICE classification liaison letter

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

ISO/IEC JTC 1/SC 25: 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 SG5: New Recommendations related to Ethernet port protection liaison letter

Mr. Carlson presented the proposed liaison response to ITU-T SG5. Please see: http://ieee802.org/3/minutes/mar15/outgoing/IEEE_802d3_to_ITU-T_SG5_0315_draft.pdf.

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://ieee802.org/3/minutes/mar15/outgoing/IEEE_802d3_to_SG15_ANT_0315_draft.pdf.

ITU SG15: SG15 OTNT Standardization Work Plan liaison letter and attachment

Mr. Trowbridge presented the proposed liaison response to ITU-T SG15. Please see: http://ieee802.org/3/minutes/mar15/outgoing/IEEE_802d3_to_SG15_OTNT_0315_draft.pdf

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

ITU-T SG15 Multi-lane timestamping liaison letter

Mr. Law presented the proposed liaison response to ITU-T SG15. Please see: http://ieee802.org/3/minutes/mar15/outgoing/IEEE_802d3_to_SG15_time_0315_draft.pdf.

Mr. Law asked Mr. Healey to assume the chair for the following motion.

MOTION #4

Move that 802.3 approve:

[IEEE_802d3_to_ITU-T_SG5_0315_draft.pdf](#)

[IEEE_802d3_to_SG15_OTNT_0315_draft.pdf](#)

[IEEE_802d3_to_SG15_ANT_0315_draft.pdf](#)

[IEEE_802d3_to_SG15_time_0315_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.

M: J. D'Ambrosia

S: M. Hajduczenia

Technical ($\geq 75\%$)

Y: 112, N: 0, A: 9

Passed 12-March 2015, 2:21 pm

TIA TR42: DC resistance unbalance between pairs liaison letter, attachment 1 and attachment 2

Mr. Law noted that no response was considered to be necessary.

TIA TR42: Draft 0.6 of TSB-5019 High performance structured cabling use cases for data centers and other premises liaison letter and attachment

Mr. Law noted that no response was considered to be necessary.

TIA TR42: Draft 3.0 of ANSI/TIA-568-C.2-1 Category 8 cabling liaison letter and attachment

Mr. Law noted that no response was considered to be necessary.

TIA TR42: Draft 3.1 of ANSI/TIA-568-C.2-1 Category 8 cabling liaison letter and attachment

Mr. Law noted that no response was considered to be necessary.

TIA TR42: New TIA TR42.7 project in support of 2.5 Gb/s and 5 Gb/s BASE-T liaison letter

Mr. Law noted that this item would be covered as part of the 802.3 Next Generation Enterprise Access BASE-T PHY Study Group closing plenary report.

TIA TR42: New TIA TR42.9 project in support of 1000BASE-T1 liaison letter

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

REPORTS

IEEE 802.3 Rules – Adam Healey

Please see http://iee802.org/3/minutes/mar15/0315_rules_close_report.pdf.

IEEE 802.3 Maintenance – Adam Healey

Please see http://iee802.org/3/minutes/mar15/0315_maint_close_report.pdf.

MOTION #5

Request IEEE 802.3 Working group to progress IEEE P802.3 Draft 3.0 to Sponsor ballot and authorize the IEEE P802.3 (IEEE 802.3bx) Task Force to respond to comments and conduct recirculations as necessary.

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

Technical ($\geq 75\%$)

Y: 106, N: 0, A: 5

Passed 12-March 2015, 2:41 pm

Mr. Healey presented the liaison letter to ISO/IEC JTC1:

http://www.iee802.org/3/minutes/mar15/outgoing/IEEE_802d3_to_ISOIEC_JTC1_SC6_0315_draft.pdf.

MOTION #6

Approve the text in “IEEE_802d3_to_ISOIEC_JTC1_SC6_0315_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

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

Technical ($\geq 75\%$)

Y: 102, N: 0, A: 7

Passed 12-March 2015, 2:46 pm

MOTION #7

Reject revision request 1272 as beyond the scope of maintenance because it is a request for new features.

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

Technical ($\geq 75\%$)

Passed by voice without opposition 12-March 2015, 2:52pm

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

Please see http://ieee802.org/3/minutes/mar15/0315_bn_close_report.pdf.

Break at approximately 2:59 pm. Restarted at approximately 3:20 pm.

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

Please see http://ieee802.org/3/minutes/mar15/0315_bp_close_report.pdf.

Mr. Carlson presented the proposed liaison response to TIA TR-42. Please see:

http://ieee802.org/3/minutes/mar15/outgoing/IEEE_802d3_to_TR42_01_0315_draft.pdf

MOTION #8

Move that 802.3 approve:

IEEE_802d3_to_TR42_01_0315_draft.doc

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

M: S. Carlson

S: C. Jones

Technical ($\geq 75\%$)

Passed by voice without opposition 12-March 2015, 3:31 pm

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

Please see http://ieee802.org/3/minutes/mar15/0315_bq_close_report.pdf.

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

MOTION #9

The IEEE P802.3bq Task Force requests that the IEEE 802.3 Ethernet Working Group send the IEEE P802.3bq draft as presented to Working Group Ballot as IEEE P802.3bq D2.0, and authorize the IEEE P802.3bq Task Force to respond to comments and conduct recirculations as necessary. Should the PAR scope, objectives and CSDs be modified to include 25GBASE-T, as proposed, the first draft of 802.3bq to include 25G content will be resubmitted to the working group for preview and reaffirmation of the WG ballot status of the project.

M: D. Chalupsky

S: G. Zimmerman

In discussion, the text of Motion #9 was modified to become:

MOTION #9

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

M: D. Chalupsky

S: G. Zimmerman

After further discussion, Mr. Thompson mad a motion to postpone consideration of Motion #9.

MOTION #10

Move to postpone consideration of Motion #9 until after the report of the 25GBASE-T Study Group.

M: G. Thompson

S: M. Dudek

Procedural ($\geq 50\%$)

Y: 43, N: 25, A: 46

Passed 12-March 2015, 4:16 pm

Mr. Chalupsky presented the proposed liaison response to ITU-T SG15. Please see: http://ieee802.org/3/minutes/mar15/outgoing/IEEE_802d3_to_IECSC48B_0315_draft.pdf

Some minor changes were made to the text of the draft letter.

MOTION #11

Move that IEEE 802.3 approve the text in IEEE_802d3_to_IECSC48B_0315_draft.pdf with editorial license granted to the Chair (or the Chair's appointed agent) as a liaison communication from the IEEE 802.3 Working Group to IEC SC48B.

M: D. Chalupsky

S: B. Grow

Technical ($\geq 75\%$)

Y: 89, N: 0, A: 11

Passed 12-March 2015, 4:26 pm

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

Please see http://ieee802.org/3/minutes/mar15/0315_br_close_report.pdf.

MOTION #12

Confirm the IEEE 802.3br CSD (grandfathered 5C) available at <http://www.ieee802.org/3/br/8023-DMLTSG-1311-Winkel-5C-v2.3.pdf>

The IEEE P802.3br Task Force requests that the IEEE 802.3 Ethernet Working Group send the IEEE P802.3br draft as presented to Working Group Ballot as IEEE P802.3br D1.9, and authorize the IEEE P802.3br Task Force to respond to comments and conduct recirculations as necessary.

M: L. Winkel on behalf of the Task Force

There was some discussion on the numbering for the draft after which Mr. Grow made a motion to amend the text of Motion #12.

MOTION #13

Move to change "D1.9" to "D2.0" in Motion #12.

M: B. Grow

S: J. D'Ambrosia

Procedural ($\geq 50\%$)

Passed by voice vote without opposition 12-March 2015, 4:31 pm

MOTION #12

Confirm the IEEE 802.3br CSD (grandfathered 5C) available at <http://www.ieee802.org/3/br/8023-DMLTSG-1311-Winkel-5C-v2.3.pdf>

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

M: L. Winkel on behalf of the Task Force

Technical ($\geq 75\%$)

Y: 88, N: 0, A: 16

Passed 12-March 2015, 4:33 pm

Mr. Grow raised the issue of whether there are sufficient 802.3 WG voters participating in the P802.3br Task Force to meet the NesCom participation requirements.

Mr. Law responded that he would additionally circulate the P802.3br ballot announcements to IEEE 802.1 participants.

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

Please see http://ieee802.org/3/minutes/mar15/0315_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/mar15/0315_bt_close_report.pdf.

Mr. Jones presented the proposed liaison response to ISO/IEC SC25. Please see: http://ieee802.org/3/minutes/mar15/outgoing/IEEE_802d3_to_SC25_PoE_0315_draft.pdf

Some minor changes were made to the text of the draft letter.

MOTION #14

Move that IEEE 802.3 approve the text in IEEE_802d3_to_SC25_PoE_0315_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: M. Wendt

Technical ($\geq 75\%$)

Y: 86, N: 0, A: 8

Passed 12-March 2015, 5:02 pm

Mr. Jones presented the proposed liaison response to TIA TR-42. Please see: http://ieee802.org/3/minutes/mar15/outgoing/IEEE_802d3_to_TR42_02_0315_draft.pdf

MOTION #15

Move that IEEE 802.3 approve the text in IEEE_802d3_to_TR42_02_0315_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 TIA TR42.

M: C. Jones

S: D. Dwelley

Technical ($\geq 75\%$)

Passed by voice without opposition 12-March 2015, 5:05 pm

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

Please see http://ieee802.org/3/minutes/mar15/0315_bu_close_report.pdf.

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

Please see http://ieee802.org/3/minutes/mar15/0315_bv_close_report.pdf.

IEEE P802.3bw 100BASE-T1 Task Force – Thomas Hogenmueller

Please see http://ieee802.org/3/minutes/mar15/0315_bw_close_report.pdf.

MOTION #16

The IEEE 802.3 WG re-affirm the CSD (http://ieee802.org/3/bw/public/20140528_CSD_IEEE802_3bw.pdf) and grant conditional approval to progress IEEE P802.3bw to IEEE 802 LMSC Sponsor ballot once the WG ballot process has been successfully completed.

M: N. Wienckowski

S: M. Tazebay

Technical ($\geq 75\%$)

Y: 91, N: 0, A: 12

Passed 12-March 2015, 5:27 pm

IEEE P802.3by 25 Gb/s Ethernet Task Force – Mark Nowell

Please see http://ieee802.org/3/minutes/mar15/0315_by_close_report.pdf

Break at approximately 5:33 pm. Restarted at approximately 5:45 pm.

IEEE 802.3 Next Generation Enterprise Access BASE-T PHY Study Group – Dave Chalupsky

Please see http://ieee802.org/3/minutes/mar15/0315_ngeabt_close_report.pdf.

Mr. Chalupsky presented the IEEE P802.3bz 2.5 Gb/s and 5 Gb/s Ethernet proposed objectives. There were some changes to the text of the objectives.

MOTION #17

Move that 802.3 approve the NGEABT objectives as in 0315_ngeabt_close_report.pdf

M: D. Chalupsky

S: G. Zimmerman

After some further discussion, Mr. Rabinovich made a motion to amend Motion #17.

MOTION #18

Move to amend the objectives to add an objective to add support for Clause 45 management registers.

M: R. Rabinovich

Motion fails for lack of a second 12-March 2015, 6:12 pm

Motion #17 was then voted on.

MOTION #17

Move that 802.3 approve the NGEABT objectives as in 0315_ngeabt_close_report.pdf

M: D. Chalupsky

S: G. Zimmerman

Technical ($\geq 75\%$)

Y:77, N: 1, A: 13

Passed 12-March 2015, 6:14 pm

Mr. Chalupsky presented the IEEE P802.3bz 2.5 Gb/s and 5 Gb/s Ethernet proposed PAR.

MOTION #19

Move that 802.3 approve the P802.3bz PAR in P802_3bz_PAR_Detail_110315_ver_1.pdf

M: D. Chalupsky

S: G. Zimmerman

After some discussion, Ms. Maguire made a motion to amend Motion #19.

MOTION #20

Move to replace “over” in the last line of 5.5 with “by a portion of the installed”

M: V. Maguire

S: Y. Belopolsky

Technical ($\geq 75\%$)

Y: 8, N: 33, A: 39

Motion fails 12-March 2015, 6:27 pm

Motion #19 was then voted on.

MOTION #19

Move that 802.3 approve the P802.3bz PAR in
P802_3bz_PAR_Detail_110315_ver_1.pdf

M: D. Chalupsky

S: G. Zimmerman

Technical ($\geq 75\%$)

Y: 65, N: 0, A: 16

Passed 12-March 2015, 6:28 pm

Mr. Chalupsky presented the IEEE P802.3bz 2.5 Gb/s and 5 Gb/s Ethernet proposed project process requirements responses.

MOTION #21

Move that 802.3 approve the P802.3bz project process requirements in
0315_ngeabt_close_report.pdf

M: D. Chalupsky

S: G. Zimmerman

Technical ($\geq 75\%$)

Y: 68, N: 0, A: 11

Passed 12-March 2015, 6:30 pm

Mr. Chalupsky presented the IEEE P802.3bz 2.5 Gb/s and 5 Gb/s Ethernet proposed Broad Market Potential criterion responses.

There were some changes to the text of the Broad Market Potential criterion responses.

MOTION #22

Move that 802.3 approve the P802.3bz Broad Market Potential criterion in 0315_ngeabt_close_report.pdf

M: D. Chalupsky

S: G. Zimmerman

Technical ($\geq 75\%$)

Y: 48, N: 4, A: 19

Passed 12-March 2015, 6:53 pm

Mr. Chalupsky presented the IEEE P802.3bz 2.5 Gb/s and 5 Gb/s Ethernet proposed Compatibility criterion responses.

MOTION #23

Move that 802.3 approve the P802.3bz Compatibility criterion in 0315_ngeabt_close_report.pdf

M: D. Chalupsky

S: G. Zimmerman

Technical ($\geq 75\%$)

Y: 72, N: 0, A: 10

Passed 12-March 2015, 6:56 pm

Mr. Chalupsky presented the IEEE P802.3bz 2.5 Gb/s Ethernet proposed Distinct Identity criterion responses.

There were some changes to the text of the Distinct Identity criterion responses.

MOTION #24

Move that 802.3 approve the P802.3bz Distinct Identity criterion in 0315_ngeabt_close_report.pdf

M: D. Chalupsky

S: G. Zimmerman

Technical ($\geq 75\%$)

Y: 60, N: 1, A: 15

Passed 12-March 2015, 7:01 pm

Mr. Chalupsky presented the IEEE P802.3bz 2.5 Gb/s Ethernet proposed Technical Feasibility criterion responses.

MOTION #25

Move that 802.3 approve the P802.3bz Technical Feasibility criterion in 0315_ngeabt_close_report.pdf

M: D. Chalupsky

S: G. Zimmerman

Technical ($\geq 75\%$)

Y: 69, N: 0, A: 11

Passed 12-March 2015, 7:04 pm

Mr. Chalupsky presented the IEEE P802.3bz 2.5 Gb/s Ethernet proposed Economic Feasibility criterion responses.

There were some changes to the text of the Economic Feasibility criterion responses.

MOTION #26

Move that 802.3 approve the P802.3bz Economic Feasibility criterion in 0315_ngeabt_close_report.pdf

M: D. Chalupsky

S: G. Zimmerman

Technical ($\geq 75\%$)

Y: 56, N: 3, A: 15

Passed 12-March 2015, 7:10 pm

At this point, consideration of the Next Generation Enterprise Access BASE-T PHY Study Group closing report was paused.

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

Please see http://www.ieee802.org/3/minutes/mar15/0315_ngepon_close_report.pdf .

Mr. Hajduczenia briefly reviewed the changes made to the NG-EPON IC report compared to the version that had been pre-circulated.

MOTION #27

Move to approve draft D3.0 of NG-EPON IC report, as posted online at:
http://www.ieee802.org/3/ad_hoc/ngepon/private/report/NG_EPON_IC_R3_0b.pdf

M: M. Hajduczenia

S: D. Remein

Technical ($\geq 75\%$)

Y: 61, N: 0, A: 5

Passed 12-March 2015, 7:26 pm

At this point the Next Generation Enterprise Access BASE-T PHY Study Group closing report was resumed.

**IEEE 802.3 Next Generation Enterprise Access BASE-T PHY Study Group
continued – Dave Chalupsky**

Mr. Chalupsky presented the proposed liaison response to ISO/IEC JTC1/SC25/WG3.
Please see:

http://ieee802.org/3/minutes/mar15/outgoing/IEEE_802d3_to_ISOIEC_SC25_WG3_0315_draft.pdf

MOTION #28

Move that IEEE 802.3 approve the text in
IEEE_802d3_to_ISOIEC_SC25_WG3_0315_draft.pdf with editorial license granted to
the Chair (or the Chair's appointed agent) as a liaison communication from the IEEE
802.3 Working Group to ISO/IEC JTC1/SC25/WG3

M: D. Chalupsky on behalf of the Study Group

Technical ($\geq 75\%$)

Y: 55, N: 0, A: 7

Passed 12-March 2015, 7:33 pm

Mr. Chalupsky presented a proposed liaison response to TIA TR-42. Please see:

http://ieee802.org/3/minutes/mar15/outgoing/IEEE_802d3_to_TR42_03_0315_draft.pdf

MOTION #29

Move that IEEE 802.3 approve the text in IEEE_802d3_to_TR42_03_0315_draft.pdf with editorial license granted to the Chair (or the Chair's appointed agent) as a liaison communication from the IEEE 802.3 Working Group to TIA TR42.

M: D. Chalupsky on behalf of the Study Group

Technical ($\geq 75\%$)

Passed by voice without opposition 12-March 2015, 7:36 pm

MOTION #30

Request 802.3 to provide an extension of the Next Generation Enterprise Access BASE-T Study Group

M: D. Chalupsky on behalf of the Study Group

> 50%

Y: 56, N: 0, A: 2

Passed 12-March 2015, 7:38 pm

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

IEEE 802.3 25GBASE-T Study Group – Dave Chalupsky

Please see http://ieee802.org/3/minutes/mar15/0315_25gbt_close_report.pdf.

It was noted that this was the first extension of this study group.

MOTION #31

Request 802.3 to provide an extension of the 25GBASE-T Study Group

M: D. Chalupsky on behalf of the Study Group

> 50%

Y: 64, N: 0, A: 0

Passed 12-March 2015, 7:40 pm

Mr. Chalupsky presented proposed changes to the P802.3bq Task Force objectives.

MOTION #32

Move that 802.3 approve the P802.3bq objectives as modified in 0315_25gbt_close_report.pdf

M: D. Chalupsky

S: G. Zimmerman

Technical ($\geq 75\%$)

Passed by voice without opposition 12-March 2015, 7:44 pm

Mr. Chalupsky presented the proposed changes to the P802.3bq Task Force project process requirements responses.

MOTION #33

Move that 802.3 approve the project process requirements in 0315_25gbt_close_report.pdf

M: D. Chalupsky

S: G. Zimmerman

Technical ($\geq 75\%$)

Y: 53, N: 0, A: 5

Passed 12-March 2015, 7:46 pm

Mr. Chalupsky presented the proposed changes to the P802.3bq Task Force Broad Market Potential criterion responses.

MOTION #34

Move that 802.3 approve the P802.3bq Broad Market Potential criterion in 0315_25gbt_close_report.pdf

M: D. Chalupsky

S: G. Zimmerman

Technical ($\geq 75\%$)

Y: 54, N: 0, A: 5

Passed 12-March 2015, 7:49 pm

Mr. Chalupsky presented the proposed changes to the P802.3bq Compatibility criterion responses.

MOTION #35

Move that 802.3 approve the P802.3bq Compatibility criterion in 0315_25gbt_close_report.pdf

M: D. Chalupsky

S: G. Zimmerman

Technical ($\geq 75\%$)

Y: 55, N: 0, A: 3

Passed 12-March 2015, 7:51 pm

Mr. Chalupsky presented the proposed changes to the P802.3bq Distinct Identity criterion responses. Some changes were made to the proposed responses.

MOTION #36

Move that 802.3 approve the P802.3bq Distinct Identity criterion in 0315_25gbt_close_report.pdf

M: D. Chalupsky

S: G. Zimmerman

Technical ($\geq 75\%$)

Y: 53, N: 0, A: 6

Passed 12-March 2015, 7:54 pm

Mr. Chalupsky presented the proposed changes to the P802.3bq Technical Feasibility criterion responses.

MOTION #37

Move that 802.3 approve the P802.3bq Technical Feasibility criterion in 0315_25gbt_close_report.pdf

M: D. Chalupsky

S: G. Zimmerman

Technical ($\geq 75\%$)

Y: 55, N: 0, A: 3

Passed 12-March 2015, 7:55 pm

Mr. Chalupsky presented the proposed changes to the P802.3bq Economic Feasibility criterion responses.

MOTION #38

Move that 802.3 approve the P802.3bq Economic Feasibility criterion in 0315_25gbt_close_report.pdf

M: D. Chalupsky

S: G. Zimmerman

Technical ($\geq 75\%$)

Y: 50, N: 0, A: 5

Passed 12-March 2015, 7:57 pm

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

As the report of the IEEE 802.3 25GBASE-T Study Group was complete, the meeting returned to consideration of Motion #9

MOTION #9

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

M: D. Chalupsky

S: G. Zimmerman

Technical ($\geq 75\%$)

Y: 48, N: 2, A: 4

Passed 12-March 2015, 8:03 pm

OTHER BUSINESS

No other items of business were presented.

ADJOURN**MOTION #39**

Move to adjourn.

M: M. Dudek

S: J. D' Ambrosia

Procedural ($> 50\%$)

Passed by voice without opposition 12-March 2015, 8:04 pm

Adjourned.

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

http://iee802.org/3/minutes/mar15/0315_attendance_berlin.pdf