

Approved Minutes
IEEE 802.3 Ethernet Working Group PLENARY
Dallas, TX
November 11-14, 2013

<http://www.ieee802.org/3/minutes/nov13/index.html>

MONDAY, November 11, 2013

ADMINISTRATIVE MATTERS

Call to order

Mr. David Law, Chair of the IEEE 802.3 Ethernet Working Group, called the meeting to order at 1:05 pm.

Welcome, introductions, and general announcements

Mr. Law introduced the officers of the IEEE 802.3 Working Group, highlighting the recent appointment of Mr. Healey as Working Group Vice Chair and Mr. Anslow as Working Group Secretary. Mr. Law voiced his thanks to Mr. Wael William Diab, the former Vice Chair, for all of his support and contribution in the past. This was followed by a round of applause.

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 P802.3.1 (IEEE 802.3.1a) Ethernet MIBs (revision): Howard Frazier
- IEEE P802.3bj 100 Gb/s Backplane and Copper Cable: Adam Healey
- IEEE P802.3bk Extended Ethernet Passive Optical Network: Marek Hajduczenia
- IEEE P802.3bm 40Gb/s and 100 Gb/s Optical Ethernet: Dan Dove
- IEEE P802.3bn EPON Protocol over Coax (EPoC): Mark Laubach
- IEEE P802.3bp Reduced Twisted Pair Gigabit Ethernet (RTPGE): Steve Carlson
- IEEE P802.3bq 40GBASE-T: David Chalupsky

IEEE 802.3 Study Group chairs

- IEEE 802.3 Distinguished Minimum Latency Traffic (DMLT): Ludwig Winkel
- IEEE 802.3 400 Gb/s Ethernet: John D'Ambrosia
- IEEE 802.3 4-Pair Power over Ethernet (PoE): Chad Jones
- IEEE 802.3 1-Pair Power over Data Lines (PoDL): Dave Dwelley

Mr. Law asked the attendees to introduce themselves and announce their affiliation. Mr. Law warmly welcomed Bob Metcalf and David Boggs, who are credited with the invention of Ethernet, to the meeting.

Mr. D'Ambrosia explained the details of the Ethernet 40th anniversary celebration event.

Working Group Decorum

Mr. Law introduced the Working Group decorum as described in his opening report. Please see http://www.ieee802.org/3/minutes/nov13/1113_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 were no responses.

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. None responded.

MOTION #1

Approve the agenda.

M: H. Barrass

S: M. Hajduczenia

Passed by voice vote without opposition 11-November-2013 1:29 pm

Approval of July 2013 minutes

Please see http://www.ieee802.org/3/minutes/jul13/minutes_0713.pdf.

Mr. Law asked if there were any additions or corrections to the July 2013 minutes. None responded. Mr. Law noted that the minutes were posted 6 August 2013.

MOTION #2

Approve July 2013 Plenary meeting minutes.

M: S. Trowbridge

S: B. Holden

Passed by voice vote without opposition 11-November-2013 1:31 pm

Call for patents

Please see

<https://development.standards.ieee.org/myproject/Public/mytools/mob/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. No one responded. 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/nov13/1113_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 802.3™-2012 (30th Aug 12 / 28th Dec 12)*

- IEEE Std 802.3bk™-2013 (23rd Aug 13 / 30th Aug 13)

IEEE Std 802.3.1™-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 2013 meeting

Please see http://www.ieee802.org/3/minutes/nov13/1113_802_3_opening_plenary.pdf.

2nd through 6th September 2013, York, UK

- IEEE 802.3 Maintenance Task Force
- IEEE P802.3bj 100 Gb/s Backplane and Copper Cable 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 Reduced Twisted Pair Gigabit Ethernet PHY Task Force
- IEEE P802.3bq 40GBASE-T Task Force
- IEEE 802.3 Distinguished Minimum Latency Traffic (DMLT) Study Group
- IEEE 802.3 400 Gb/s Ethernet Study Group
- IEEE 802.3 4-pair Power over Ethernet (PoE) Study Group
- IEEE 802.3 1-Pair Power over Data Lines (PoDL) Study Group

Mr. Law expressed his thanks to ADVA for hosting the interim meeting.

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:

- IEEE P802.3bj 2nd recirculation
- IEEE P802.3bj 3rd recirculation

Sponsor Ballots:

- None

Sponsor Ballot group formations

- IEEE P802.3bj

Please see http://www.ieee802.org/3/minutes/nov13/1113_802_3_opening_plenary.pdf.

Documents

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

IEEE P802.3bj 100 Gb/s Backplane and Copper Cable Task Force

- IEEE P802.3bj/D2.3 and 3rd Working Group recirculation ballot comments

IEEE P802.3bm 40 Gb/s and 100 Gb/s Over Fiber Optic Cable

- IEEE P802.3bm/D1.2 Working Group preview draft

IEEE 802.3 Distinguished Minimum Latency Traffic Study Group

- IEEE P802.3br Amendment: Specification and Management Parameters for Interspersing Express Traffic draft PAR and 5C

IEEE 802.3 4-Pair power over Ethernet Study Group

- IEEE P802.3bt Amendment: Physical Layer and Management Parameters for DTE Power via MDI over 4-Pair PAR, 5C and objectives

IEEE 802.3 1-pair Power over Data Lines (PoDL) Study Group

- IEEE P802.3bu Amendment: Physical Layer and Management Parameters for 1-Pair Power over Data Lines PAR, 5C and objectives

Please see http://www.ieee802.org/3/minutes/nov13/1113_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://iee802.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://iee802.org/3/minutes/nov13/1113_imat.pdf.

Mr. Anslow reminded participants to verify that the contact information 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.iee802.org/3/minutes/nov13/1113_voters.pdf.

Review of voters in peril

Please see http://www.iee802.org/3/minutes/nov13/1113_peril.pdf.

Request for membership

Please see http://www.iee802.org/3/minutes/nov13/1113_potential.pdf.

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

Beia, Christian

Belopolsky, Yakov

Bernstein, Gary

Hua, Rui

Knittle, Curtis

Moorwood, Andy

Nolan, John

Pandey, Sujan

Szeto, William

Wendt, Matthias

Yseboodt, Lennart

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.iee802.org/3/minutes/nov13/1113_802_3_opening_plenary.pdf.

IEEE 802.3 Treasurer's report – Valerie Maguire

Please see http://iee802.org/3/minutes/nov13/1113_treasury.pdf.

Standards Board report (August meeting)

Please see http://www.iee802.org/3/minutes/nov13/1113_802_3_opening_plenary.pdf.

LMSC Executive Committee report

Please see http://www.iee802.org/3/minutes/nov13/1113_802_3_opening_plenary.pdf.

Mr. Thompson asked for clarification of the details regarding the surplus generated by the Geneva 802 plenary. Mr. Carlson undertook to investigate.

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/nov13/1113_802_3_opening_plenary.pdf.

Proposed changes to IEEE 802.5 Criteria

Please see: <https://mentor.iee802-ec/dcn/13/ec-13-0009-12-00EC-proposed-5c.pdf>

Mr. Law asked if anyone wished to chair an Ad Hoc to discuss these changes. No one responded.

Approval of IEEE 802.3 Vice-Chair election and process

Mr. Law explained that a vote would be required to hold an election for the 802.3 Working Group Vice Chair.

MOTION #3

Move that the IEEE 802.3 Ethernet Working Group hold an election for the position of Working Group Vice Chair at the closing Working Group plenary on Thursday, November 14, 2013.

M: S. Carlson

S: J. D'Ambrosia

≥ 75%

Y: 91, N: 0, A: 0

Passed 11-November-2013 2.37 pm

MOTION #4

Move that the IEEE 802.3 Ethernet Working Group use the election procedure detailed in slides 26 and 27 of the Chair's opening slides.

M: S. Carlson

S: J. D'Ambrosia

Procedural (> 50%)

Y: 94, N: 0, A: 0

Passed 11-November-2013 2:42 pm

Other 802 PARs under consideration this week (comments due by 17:00 Tuesday)

Please see http://www.ieee802.org/3/minutes/nov13/1113_agenda_open.pdf.

New Standard PAR

- Unassigned, Network Reference Model and Functional Description of IEEE 802 Access Network [PAR and 5C](#)

Revision PAR

- IEEE P802.22 Cognitive Radio Wireless RAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: Policies and procedures for operation in the Bands that Allow Spectrum Sharing [PAR](#)

PAR Modifications requests

- IEEE P802.1Q-REV Standard for Local and metropolitan area networks—Bridges and Bridged Networks [PAR](#)
- IEEE P802.1AX-REV Standard for Local and metropolitan area networks--Link Aggregation [PAR](#)

PAR Extension request

- IEEE P802-REV Standard for Local and Metropolitan Area Networks—Overview and Architecture [PAR](#)

Mr. Law asked if anyone wished to chair an Ad Hoc to review these PARs and submit comments on behalf of the Working Group. There were no requests to do this.

CEN-CENELEC-ETSI: Smart Grid Coordination Group: [First Set of Standards](#)

Mr. Law appointed Mr. Grow to chair an ad hoc to review these documents and to develop comments to be sent to IEEE 802.24, as appropriate.

ITU WP1A: Question ITU-R 236/1 Impact on radiocommunication systems from wireless and wired data transmission technologies used for the support of power grid management systems

Mr. Law appointed Mr. Thompson to chair an ad hoc to review this activity and generate an 802.3 contribution, as appropriate, for consideration at the closing plenary.

Liaisons

External Liaison reports

ISO/IEC SC25/WG3 report – Alan Flatman

Please see

http://www.ieee802.org/3/minutes/nov13/1113_SC25_WG3_Kista_report_to_802d3.pdf.

Break at approximately 3:17 pm. Restarted at approximately 3:28 pm.

TIA TR-42 report – Valerie Maguire

Please see

http://www.ieee802.org/3/minutes/nov13/1113_TIA_Liaison_Presentation.pdf.

Mr. Law asked if there was any objection to changing the order of the agenda to cover future meetings and the IEEE 802.3bp opening report next. There was no objection.

FUTURE MEETINGS

Mr. Carlson reviewed the future meeting plan. Please see

http://www.ieee802.org/3/minutes/nov13/1113_meetings_open.pdf.

IEEE 802.3bp Reduced Twisted Pair Gigabit Ethernet Task Force – Steve Carlson

Please see http://www.ieee802.org/3/minutes/nov13/1113_bp_open_report.pdf.

Liaisons (continued)

External Liaison letters (new)

Ethernet Alliance: Congratulations on anniversaries [liaison letter](#)

Mr. Law requested Mr. D'Ambrosia to draft a response to be reviewed at the closing plenary.

ISO/IEC JTC1/SC 25 WG3: 40GBASE-T objectives [liaison letter](#) – Alan Flatman

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/SC 25 WG3: Information from IEC/SC 46C relevant to IEEE P802.3bp [liaison letter](#) – Alan Flatman

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

ISO/IEC JTC1/SC 25 WG3: Status of standards to support parallel single mode optical fibre cabling [liaison letter](#) – Alan Flatman

Mr. Law appointed the 400G Study Group to review the letter and generate a response, as appropriate, for consideration at the closing plenary.

ISO/IEC JTC1/SC 25 WG3: Status of ISO/IEC/TR 17979-1-1: Twinax cable assemblies
[liaison letter](#) – Alan Flatman

Mr. Law observed that no response was required.

OIF: Multi-link Gearbox (MLG) 3.0 Project [liaison letter](#) and attachment

Mr. Law requested Mr. Trowbridge to chair an ad hoc to draft a response to be reviewed at the closing plenary.

TIA TR-42: IEEE 802.3bp Task Force: Reduced Twisted Pair Gigabit Ethernet (RTPGE)
[liaison letter](#) – Valerie Maguire

Mr. Law appointed the P802.3bp 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: CEI-28G-VSR and CEI-28G-MR projects (5 August) [liaison letter](#) and attachments

This liaison letter was directed to the IEEE P802.3bm Task Force and requires no action by the Working Group.

OIF: CEI-28G-VSR and CEI-28G-MR projects (8 November) [liaison letter](#) and attachments

This liaison letter was directed to the IEEE P802.3bm Task Force and requires no action by the Working Group.

STATE OF THE STANDARD

Please see http://ieee802.org/3/minutes/nov13/1113_state_of_std.pdf.

IEEE 802.3 Maintenance – Adam Healey

Please see http://ieee802.org/3/minutes/nov13/1113_maint_open_report.pdf.

TASK FORCE AND STUDY GROUP REPORTS

IEEE P802.3.1 (IEEE 802.3.1a) Ethernet MIBs (revision) Task Force – Howard Frazier

Mr. Law recognized Mr. Frazier for his contribution to the development of the revision of IEEE 802.3.1-2013.

Mr. Frazier in turn recognized several other 802.3 WG members for their contributions to the 802.3.1 revision project.

IEEE P802.3bj 100 Gb/s Backplane and Copper Task Force – Adam Healey

Please see http://ieee802.org/3/minutes/nov13/1113_bj_open_report.pdf.

IEEE P802.3bk Extended EPON Task Force – Marek Hajduczenia

Mr. Law recognized Mr. Hajduczenia for his contribution to the development of the 802.3bk-2013 amendment.

Mr. Hajduczenia in turn recognized several other 802.3 WG members for their contributions to the 802.3bk project.

IEEE 802.3bm 40 Gb/s and 100 Gb/s Optical Ethernet Task Force – Dan Dove

Please see http://ieee802.org/3/minutes/nov13/1113_bm_open_report.pdf.

IEEE 802.3bn EPON Protocol over Coax (EPoC) Task Force – Mark Laubach

Please see http://ieee802.org/3/minutes/nov13/1113_bn_open_report.pdf.

IEEE 802.3bq 40GBASE-T Task Force – Dave Chalupsky

Please see http://ieee802.org/3/minutes/nov13/1113_bq_open_report.pdf.

IEEE 802.3 Distinguished Minimum Latency Traffic Study Group – Ludwig Winkel

Please see http://ieee802.org/3/minutes/nov13/1113_dmlt_open_report.pdf.

IEEE 802.3 400 Gb/s Ethernet Study Group – John D’Ambrosia

Please see http://ieee802.org/3/minutes/nov13/1113_400g_open_report.pdf.

IEEE 802.3 4-Pair Power over Ethernet Study Group – Chad Jones

Please see http://ieee802.org/3/minutes/nov13/1113_4ppoe_open_report.pdf.

IEEE 802.3 1-Pair Power over Data Lines (PoDL) Study Group – Dave Dwelley

Please see http://ieee802.org/3/minutes/nov13/1113_1ppodl_open_report.pdf.

PROPOSED INDUSTRY CONNECTION ACTIVITY

Next Generation Passive Optical networking (NGEPON) – Howard Frazier

Please see http://ieee802.org/3/minutes/nov13/1113_ng_epon_iccom_open.pdf

ROOM ASSIGNMENTS, AND SUBGROUP SCHEDULES

Ms. Maguire reviewed the room assignments. Please see http://ieee802.org/3/minutes/nov13/1113_rooms.pdf.

ADJOURN

No other items of business were presented.

MOTION #5

Move to adjourn.

M: J. D' Ambrosia

S: D. Remein

Procedural (> 50%)

Passed by voice vote without opposition 11-November-2013 5:47 pm

Adjourned.

Approved Minutes
IEEE 802.3 Ethernet Working Group PLENARY
Dallas, TX
November 11-14, 2013

<http://www.ieee802.org/3/minutes/nov13/index.html>

THURSDAY, November 14, 2013

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 P802.3bj 100 Gb/s Backplane and Copper Cable: Adam Healey
- IEEE P802.3bm 40Gb/s and 100 Gb/s Optical Ethernet: Dan Dove
- IEEE P802.3bn EPON Protocol over Coax (EPoC): Mark Laubach
- IEEE P802.3bp Reduced Twisted Pair Gigabit Ethernet (RTPGE): Steve Carlson
- IEEE P802.3bq 40GBASE-T: David Chalupsky

IEEE 802.3 Study Group chairs

- IEEE 802.3 Distinguished Minimum Latency Traffic (DMLT): Ludwig Winkel
- IEEE 802.3 400 Gb/s Ethernet: John D'Ambrosia
- IEEE 802.3 4-Pair Power over Ethernet (PoE): Chad Jones
- IEEE 802.3 1-Pair Power over Data Lines (PoDL): Dave Dwelley

Mr. Law asked if anyone in attendance had not already introduced themselves and announced their affiliation.

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/nov13/1113_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 will be reporting on the meeting in a blog but this will 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. None responded.

MOTION #1

Motion to approve the agenda.

M: B. Misek

S: S. Trowbridge

Passed by voice vote without opposition 14-November-2013 1:14 pm

Call for patents

Please see

<https://development.standards.ieee.org/myproject/Public/mytools/mob/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 that Mr. Anslow 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 read the slides. Please see

http://www.ieee802.org/3/minutes/nov13/1113_802_3_closing_plenary.pdf.

General WG business

Membership and Attendance

Mr. Law reminded participants that attendance is being recorded by 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/nov13/1113_voters.pdf.

Review of voters in peril

Please see http://www.ieee802.org/3/minutes/nov13/1113_peril.pdf.

Request for membership

Please see http://www.ieee802.org/3/minutes/nov13/1113_potential.pdf.

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

Brown, David
Frosch, Richard
Issenhuth, Tom
Lessard, Andre
Peters, Michael
Rotolo, Salvatore
Walker, Clinton
Yurko, Garold

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/nov13/1113_802_3_closing_plenary.pdf.

IEEE 802 Executive Committee items

Please see http://www.ieee802.org/3/minutes/nov13/1113_802_3_closing_plenary.pdf.

Mr. Law accepted Mr. Grow's offer to be a point of contact for 802.3 concerning the revision of IEEE Std 802.

Mr. Law thanked Mr. D'Ambrosia for his work in organizing the event to celebrate the 40th anniversary of Ethernet

Mr. Law noted that, since there was no input offered from the Working Group, he would vote on the PARs considered by the EC this week based on the discussion at the EC meeting.

IEEE 802.3 Vice-Chair election

Mr. Law reviewed the election rules adopted in the opening plenary. Please refer to slides 15 and 16 of http://www.ieee802.org/3/minutes/nov13/1113_802_3_closing_plenary.pdf

Mr. Law noted that the only nomination received for IEEE 802.3 Working Group Vice-Chair was Mr. Healey.

Mr. Law requested that Mr. Healey leave the room for the discussion and the vote.

Motion #2

Move to elect Mr. Adam Healey to Vice-Chair of 802.3

M: S. Carlson

S: J. D'Ambrosia

> 50%

Y: 118, N: 0, A: 0

Mr. Healey elected as Vice-Chair of 802.3 14-November-2013 1:41 pm

IEEE 802.3 Working Group March 2014 election process

Mr. Law explained that the 802 LMSC Policies and Procedures document requires that elections for the IEEE 802.3 Working Group Chair and Vice-Chair positions must be held in the first plenary meeting of even numbered years.

Mr. Law reviewed the proposed election rules shown on slides 19 and 20 of http://www.ieee802.org/3/minutes/nov13/1113_802_3_closing_plenary.pdf

Motion #3

Move to adopt the rules as shown in slides 19 and 20 of 1113_802_3_closing_plenary.pdf

M: P. Anslow

S: J. D'Ambrosia

Procedural (> 50%)

Passed by voice vote without opposition 14-November-2013 1:47 pm

CEN-CENELEC-ETSI: Smart Grid Coordination Group: First Set of Standards

Mr. Law gave a brief explanation of the comments sent to IEEE 802.24 for inclusion in the comments they will submit to CEN-CENELEC-ETSI: Smart Grid Coordination Group on behalf of 802.

ITU WP1A: Question ITU-R 236/1 Impact on radiocommunication systems from wireless and wired data transmission technologies used for the support of power grid management systems

Mr. Thompson presented the proposed response to ITU WP1A: Question ITU-R 236/1. Please see <http://ieee802.org/3/minutes/nov13/outgoing/R-QUE-SG01.236-2011-MSW-E-1 Plus Dot3a.pdf>

MOTION #4

Move to adopt the liaison response in R-QUE-SG01.236-2011-MSW-E-1 Plus Dot3a.pdf as a response to ITU WP1A: Question ITU-R 236/1

M: H Barrass

S: G. Thompson

Technical ($\geq 75\%$)

Passed by voice vote without opposition 14-November-2013 2:01 pm

External liaison letters

TIA TR-42: IEEE 802.3bp Task Force: Reduced Twisted Pair Gigabit Ethernet (RTPGE) liaison letter

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

Ethernet Alliance: Congratulations on anniversaries letter

Mr. Law asked if there was any objection to deferring this item until Mr. D'Ambrosia was available. There was no objection.

ISO/IEC JTC1/SC 25 WG3: 40GBASE-T objectives liaison letter

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

ISO/IEC JTC1/SC 25 WG3: Information from IEC/SC 46C relevant to IEEE P802.3bp liaison letter

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

ISO/IEC JTC1/SC 25 WG3: Status of standards to support parallel single mode liaison letter

Mr. Law asked if there was any objection to deferring this item until Mr. D'Ambrosia was available. There was no objection.

ISO/IEC JTC1/SC 25 WG3: Status of ISO/IEC/TR 17979-1-1: Twinax cable assemblies liaison letter

Mr. Law noted that this item was covered in the opening plenary and that no response is required.

OIF: Multi-link Gearbox (MLG) 3.0 Project liaison letter

Mr. Trowbridge presented the proposed liaison response to the OIF. Please see: http://ieee802.org/3/minutes/nov13/outgoing/trowbridge_01_1113_draft.pdf

MOTION #5

Move that 802.3 approve the text in trowbridge_01_1113.pdf, attaching P802.3bj Draft 3.0, with editorial license granted to the Chair (or his appointed agent) as a liaison communication from the 802.3 working group to the Optical Internetworking Forum (OIF).

M: S. Trowbridge

S: C. Cole

Technical ($\geq 75\%$)

Passed by voice vote without opposition 14-November-2013 2:10 pm

TIA: IEEE P802.3bp Task Force: Reduced Twisted Pair Gigabit Ethernet (RTPGE) liaison letter

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

Future meetings actions – Steve Carlson

Please see http://ieee802.org/3/minutes/nov13/1113_meetings_close.pdf.

There was some discussion on the high cost of the March 2014 meeting in Beijing and it was noted that registration for the meeting is required prior to obtaining a visa application letter.

Mr. Law asked if there was any objection to deferring the presentation of the details for the May 2014 interim meeting until Mr. D'Ambrosia was available. There was no objection.

REPORTS

IEEE 802.3 Maintenance – Adam Healey

Please see http://ieee802.org/3/minutes/nov13/1113_maint_close_report.pdf.

MOTION #6

Reject maintenance requests #1175 and #1176 as beyond the scope of maintenance.

M: A. Healey on behalf of the Task Force

Technical ($\geq 75\%$)

Passed by voice vote without opposition 14-November-2013 2:27 pm

At this point Mr. D'Ambrosia returned to the meeting so the deferred agenda items were addressed.

Ethernet Alliance: Congratulations on anniversaries letter

Mr. D'Ambrosia presented the proposed liaison response to the Ethernet Alliance. Please see:

http://iee802.org/3/minutes/nov13/outgoing/802p3_Communication_to_EA_draft.pdf

MOTION #7

Move to adopt the liaison response in 802p3_Communication_to_EA_draft.pdf and to grant the working group chair editorial privilege.

M: J. D'Ambrosia

S: G. Zimmerman

Procedural (> 50%)

Passed by voice vote without opposition 14-November-2013 2:34 pm

ISO/IEC JTC1/SC 25 WG3: Status of standards to support parallel single mode liaison letter

Mr. D'Ambrosia reported that the 400 Gb/s Ethernet Study Group plans to respond to the liaison from ISO/IEC JTC 1/SC 25 on the status of standards to support parallel single mode optical fiber cabling from the January interim meeting via an informal communication.

Future meetings actions – (continued)

Mr. D'Ambrosia explained the details for the May 2014 interim meeting in Norfolk Virginia hosted by the Ethernet Alliance.

IEEE P802.3bj 100 Gb/s Backplane and Copper Task Force – Adam Healey

Please see http://iee802.org/3/minutes/nov13/1113_bj_close_report.pdf.

MOTION #8

Request that the IEEE 802.3 Working Group chair progress IEEE P802.3bj to Sponsor ballot.

M: A. Healey on behalf of the Task Force

Technical ($\geq 75\%$)

Y: 102, N: 0, A: 2

Passed 14-November-2013 2:44 pm

Break at approximately 2:45 pm. Restarted at approximately 3:02 pm.

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

Please see http://ieee802.org/3/minutes/nov13/1113_bm_close_report.pdf.

Mr. Dove presented the proposed changes to the IEEE P802.3bm objectives.

MOTION #9

Request IEEE 802.3 Working Group approve changes to IEEE P802.3bm objectives as defined on page 8 of 1113_bm_close_report.pdf

M: D. Dove

S: P. Anslow

Technical ($\geq 75\%$)

Passed by voice vote without opposition 14-November-2013 3:13 pm

Mr. Dove presented the proposed changes to the IEEE P802.3bm 5 Criteria responses.

MOTION #10

- Request IEEE 802.3 Working Group approve changes to IEEE P802.3bm 5 Criteria Responses as defined on pages 10 to 16 of 1113_bm_close_report.pdf
- Request IEEE 802.3 chair present these changes to the IEEE 802 EC for approval

M: D. Dove

S: P. Anslow

Technical ($\geq 75\%$)

Y: 86, N: 0, A: 1

Passed 14-November-2013 3:15 pm

Mr. Anslow reviewed the changes made by the P802.3bm Task Force to the draft in response to comments on D2.0.

MOTION #11

- Request that 802.3 circulate IEEE P802.3bm Draft 2.0 for a 35 day 802.3 Working Group Ballot and conduct recirculations as necessary
- Authorize IEEE P802.3bm Task Force to respond to comments

M: P. Anslow

S: J. King

Technical ($\geq 75\%$)

Passed by voice vote without opposition 14-November-2013 3:23 pm

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

Please see http://ieee802.org/3/minutes/nov13/1113_bn_close_report.pdf.

IEEE P802.3bp Reduced Twisted Pair Gigabit Ethernet Task Force – Steve Carlson

Please see http://ieee802.org/3/minutes/nov13/1113_bp_close_report.pdf.

Mr. Carlson presented the liaison response in

http://ieee802.org/3/minutes/nov13/outgoing/IEEE_802d3_to_tr_42_1113.pdf

MOTION #12

Move to adopt the liaison response in IEEE_802d3_to_tr_42_1113.pdf and to grant the working group chair editorial privilege.

M: S. Carlson

S: D. Dwelley

Technical ($\geq 75\%$)

Passed by voice without opposition 14-November-2013 3:45 pm

Mr. Carlson presented the liaison response in

http://ieee802.org/3/minutes/nov13/outgoing/IEEE_802d3_to_ISOIEC_JTC1_SC25_WG3_1113.pdf

MOTION #13

Move to adopt the liaison response in IEEE_802d3_to_ISOIEC_JTC1_SC25_WG3_1113.pdf and to grant the working group chair editorial privilege.

M: S. Carlson

S: D. Dwelley

Technical ($\geq 75\%$)

Y: 89, N: 0, A: 0

Passed 14-November-2013 3:47 pm

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

Please see http://ieee802.org/3/minutes/nov13/1113_bq_close_report.pdf.

Mr. Chalupsky reported that the P802.3bq Task Force had reviewed the ISO/IEC JTC1/SC 25 WG3: 40GBASE-T objectives liaison letter and had concluded that no response was required.

IEEE 802.3 Distinguished Minimum Latency Traffic Study Group – Ludwig Winkel

Please see http://ieee802.org/3/minutes/nov13/1113_dmlt_close_report.pdf.

Mr. Winkel presented the project objectives.

MOTION #14

Approve the IEEE P802.3br project Objectives.

M: L. Winkel on behalf of the Study Group.

Technical ($\geq 75\%$)

Passed by voice 14-November-2013 3:55 pm

Mr. Winkel presented the responses to the 5 Criteria and the PAR. Mr. Thompson and Mr. Grow both expressed concern that the attendance at recent meetings of the Study Group was not sufficient to ensure that the work is progressed in a timely manner.

MOTION #15

Approve the IEEE P802.3br project 5C-Broad Market Potential.

M: L. Winkel on behalf of the Study Group.

Technical ($\geq 75\%$)

Y: 57, N: 4, A: 23

Passed 14-November-2013 4:07 pm

MOTION #16

Approve the IEEE P802.3br project 5C-Compatibility.

M: L. Winkel on behalf of the Study Group.

Technical ($\geq 75\%$)

Y: 57, N: 4, A: 19

Passed 14-November-2013 4:09 pm

MOTION #17

Approve the IEEE P802.3br project 5C- Distinct Identity.

M: L. Winkel on behalf of the Study Group.

Technical ($\geq 75\%$)

Y: 64, N: 0, A: 15

Passed 14-November-2013 4:10 pm

MOTION #18

Approve the IEEE P802.3br project 5C- Technical Feasibility.

M: L. Winkel on behalf of the Study Group.

Technical ($\geq 75\%$)

Y: 59, N: 0, A: 20

Passed 14-November-2013 4:11 pm

MOTION #19

Approve the IEEE P802.3br project 5C- Economic Feasibility.

M: L. Winkel on behalf of the Study Group.

Technical ($\geq 75\%$)

Y: 61, N: 0, A: 20

Passed 14-November-2013 4:12 pm

MOTION #20

Approve the IEEE P802.3br project PAR.

M: L. Winkel on behalf of the Study Group.

Technical ($\geq 75\%$)

Y: 59, N: 3, A: 18

Passed 14-November-2013 4:13 pm

It was pointed out that this is the 3rd extension of the Study Group.

MOTION #21

Extend the DMLT Study Group until the next plenary session.

M: L. Winkel on behalf of the Study Group

> 50%

Y: 75, N: 0, A: 9

Passed 14-November-2013 4:15 pm

Mr. Law announced his intent to appoint Mr. Ludwig Winkel as Chair of the IEEE P802.3br Task Force should it be approved.

IEEE 802.3 400 Gb/s Ethernet Study Group – John D’Ambrosia

Please see http://ieee802.org/3/minutes/nov13/1113_400g_close_report.pdf.

It was pointed out that this is the 2nd extension of the Study Group.

MOTION #22

Move that IEEE 802.3 Working Group extends the 400 Gb/s Ethernet Study Group.

M: J. D’Ambrosia on behalf of the Study Group.

> 50%

Y: 94, N : 0, A: 0

Passed 14-November-2013 4:24 pm

IEEE 802.3 4-pair Power over Ethernet Study Group – Chad Jones

Please see http://ieee802.org/3/minutes/nov13/1113_4ppoe_close_report.pdf.

Mr. Jones presented the project objectives, the responses to the 5 Criteria and the PAR.

MOTION #23

Approve the IEEE P802.3bt 4PPoE Project Objectives.

M: C. Jones

S: K. Balasubramanian

Technical ($\geq 75\%$)

Passed by voice without opposition 14-November-2013 4:34 pm

MOTION #24

Approve the IEEE P802.3bt 4PPoE Project response to the Broad Market Potential criterion.

M: C. Jones

S: D. Abramson

Technical ($\geq 75\%$)

Y: 76, N: 0, A: 2

Passed 14-November-2013 4:35 pm

MOTION #25

Approve the IEEE P802.3bt 4PPoE Project response to the Compatibility criterion.

M: C. Jones

S: L. Yseboodt

Technical ($\geq 75\%$)

Y: 76, N: 0, A: 2

Passed 14-November-2013 4:36 pm

MOTION #26

Approve the IEEE P802.3bt 4PPoE Project response to the Distinct Identity criterion.

M: C. Jones

S: P. Brownlee

Technical ($\geq 75\%$)

Y: 71, N: 0, A: 2

Passed 14-November-2013 4:38 pm

MOTION #27

Approve the IEEE P802.3bt 4PPoE Project response to the Technical Feasibility criterion.

M: C. Jones

S: F. Schindler

Technical ($\geq 75\%$)

Y: 75, N: 0, A: 2

Passed 14-November-2013 4:39 pm

MOTION #28

Approve the IEEE P802.3bt 4PPoE Project response to the Economic Feasibility criterion.

M: C. Jones

S: J. Heath

Technical ($\geq 75\%$)

Y: 76, N: 0, A: 2

Passed 14-November-2013 4:40 pm

MOTION #29

Approve the IEEE P802.3bt 4PPoE PAR.

M: C. Jones

S: C. Beia

Technical ($\geq 75\%$)

Y: 75, N: 0, A: 3

Passed 14-November-2013 4:41 pm

MOTION #30

Extend the 4PPoE Study Group until the next plenary session

M: C. Jones on behalf of the Study Group.

> 50%

Y: 78, N: 0, A: 0

Passed 14-November-2013 4:43 pm

Mr. Law announced his intent to appoint Mr. Chad Jones as Chair of the IEEE P802.3bt Task Force should it be approved.

IEEE 802.3 1-Pair Power over Data Lines (PoDL) Study Group – David Dwelley

Please see http://ieee802.org/3/minutes/nov13/1113_1ppodl_close_report.pdf.

Mr. Dwelley presented the project objectives, the responses to the 5 Criteria and the PAR.

MOTION #31

Approve the IEEE P802.3bu PoDL Project Objectives.

M: D. Dwelley

S: M. Tazebay

Technical ($\geq 75\%$)

Passed by voice without opposition 14-November-2013 4:54 pm

MOTION #32

Approve the IEEE P802.3bu PoDL Project response to the Broad Market Potential criterion.

M: D. Dwelley

S: M. Tazebay

Technical ($\geq 75\%$)

Y: 68, N: 0, A: 0

Passed 14-November-2013 4:55 pm

MOTION #33

Approve the IEEE P802.3bu PoDL Project response to the Compatibility criterion.

M: D. Dwelley

S: M. Tazebay

Technical ($\geq 75\%$)

Y: 69, N: 0, A: 0

Passed 14-November-2013 4:56 pm

MOTION #34

Approve the IEEE P802.3bu PoDL Project response to the Distinct Identity criterion.

M: D. Dwelley

S: M. Tazebay

Technical ($\geq 75\%$)

Y: 72, N: 0, A: 0

Passed 14-November-2013 4:57 pm

MOTION #35

Approve the IEEE P802.3bu PoDL Project response to the Technical Feasibility criterion.

M: D. Dwelley

S: M. Tazebay

Technical ($\geq 75\%$)

Y: 72, N: 0, A: 0

Passed 14-November-2013 4:58 pm

MOTION #36

Approve the IEEE P802.3bu PoDL Project response to the Economic Feasibility criterion.

M: D. Dwelley

S: M. Tazebay

Technical ($\geq 75\%$)

Y: 75, N: 0, A: 1

Passed 14-November-2013 4:59 pm

MOTION #37

Approve the IEEE P802.3bu PoDL PAR.

M: D. Dwelley

S: M. Tazebay

Technical ($\geq 75\%$)

Y: 73, N: 0, A: 1

Passed 14-November-2013 5:00 pm

MOTION #38

Extend the Power over Data Lines Study Group until the next Plenary session

M: D. Dwelley

S: D' Ambrosia

> 50%

Y: 78, N: 0, A: 0

Passed 14-November-2013 5:02 pm

Mr. Law announced his intent to appoint Mr. Dave Dwelley as Chair of the IEEE P802.3bu Task Force should it be approved.

PROPOSED INDUSTRY CONNECTION ACTIVITY

Next Generation Passive Optical Networking (NGEPON) – Howard Frazier

Please see http://ieee802.org/3/minutes/nov13/1113_ng_epon_iccom_close.pdf

Mr. Frazier presented the NG-EPON ICAID form in

http://ieee802.org/3/minutes/nov13/NGEPON_icaid_form_v1_94.pdf

MOTION #39

Endorse the NG-EPON ICAID version 1.94 and submit to the IEEE 802 EC for further processing.

M: H. Frazier

S: M. Hajduczenia

>50%

Y: 64, N: 0, A: 1

Passed 14-November-2013 5:22 pm

Mr. Law announced his intent to appoint Mr. Howard Frazier as Chair of the IEEE NG-EPON Ad Hoc should it be approved.

OTHER BUSINESS

No other items of business were presented.

ADJOURN

MOTION #40

Move to adjourn.

M: J. D'Ambrosia

S: D. Remein

Procedural (> 50%)

Passed by voice without opposition 14-November-2013 5:23 pm

Adjourned.