

Approved Minutes
IEEE 802.3 Ethernet Working Group plenary
Rosemont, IL, USA
March 5 to 8, 2018

<http://www.ieee802.org/3/minutes/mar18/index.html>

MONDAY, 5 MARCH, 2018

Minutes were taken by 802.3 Recording Secretary Pete Anslow.

ADMINISTRATIVE MATTERS

Call to order

Mr. Adam Healey, Vice-Chair of the IEEE 802.3 Ethernet Working Group, called the meeting to order at 10:00 am on behalf of Mr. David Law, Chair of the IEEE 802.3 Ethernet Working Group who was temporarily unavailable.

Welcome, introductions, and general announcements

Mr. Healey asked the attendees to introduce themselves and announce their affiliation. Mr. Healey also showed a list of officers of the IEEE 802.3 Working Group:

IEEE 802.3 Chair: David Law

IEEE 802.3 Vice-Chair: Adam Healey

IEEE 802.3 Secretary: Pete Anslow

IEEE 802.3 Executive Secretary: Steve Carlson

IEEE 802.3 Treasurer: Valerie Maguire

IEEE 802.3 Task Force chairs

- IEEE P802.3bs 400 Gb/s Ethernet: John D'Ambrosia
- IEEE P802.3bt DTE Power via MDI over 4-Pair: Chad Jones
- IEEE P802.3ca 25 Gb/s, 50 Gb/s, and 100 Gb/s EPON: Curtis Knittle
- IEEE P802.3cb 2.5 Gb/s and 5 Gb/s Backplane: Dan Smith
- IEEE P802.3cc 25 Gb/s Ethernet PMD(s) over single-mode fiber: David Lewis
- IEEE P802.3cd 50Gb/s, 100 Gb/s, and 200 Gb/s Ethernet: Mark Nowell
- IEEE P802.3.2 (IEEE 802.3cf) YANG data models: Yan Zhuang
- IEEE P802.3cg 10 Mb/s Single Twisted Pair Ethernet: George Zimmerman
- IEEE P802.3ch Multi-Gig Automotive Ethernet PHY: Steve Carlson

IEEE 802.3 Study Group chairs

- IEEE 802.3 Beyond 10 km optical PHYs Study Group: John D'Ambrosia
- IEEE 802.3 10 Mb/s Backplane Ethernet Study Group: Jon Lewis
- IEEE 802.3 100 Gb/s per Lane Electrical Study Group: Beth Kochuparambil
- IEEE 802.3 Next-generation 200 Gb/s and 400 Gb/s MMF PHYs Study Group: Robert Lingle

Mr. Healey announced that the meeting had quorum as it was being held in conjunction with a plenary session.

Working Group Decorum

Mr. Healey introduced the Working Group decorum as described in the opening report. Please see http://www.ieee802.org/3/minutes/mar18/0318_802_3_opening_plenary.pdf.

Mr. Healey asked if anyone was attending from the press including those who would run a public blog on this meeting other than those limited to summarizing the meeting outcomes. There was no response.

Mr. Healey noted that there should be no recording or photography without permission.

Mr. Healey noted that participants are required to register for this meeting and pay the meeting fee. Mr. Healey also noted that participants must wear their badges in public areas at all times.

Review and approval of agenda

Mr. Healey noted that a soft copy of the draft agenda had been posted to the minutes section for this meeting. Mr. Healey gave the general minutes webpage for IEEE 802.3:

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

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

MOTION #1

Approve the agenda.

M: D. Remein

S: K. Lusted

Procedural (> 50%)

Passed by voice vote without opposition 5-Mar 2018, 10:12 am

Approval of November 2017 and January 2018 minutes

Please see http://www.ieee802.org/3/minutes/nov17/1117_minutes_draft.pdf and http://www.ieee802.org/3/minutes/jan18/0118_minutes_draft.pdf.

Mr. Healey asked if there were any additions or corrections to the November 2017 minutes which were posted on 14 November 2017. Mr. Healey also asked if there were any additions or corrections to the January 2018 minutes which were posted on 6 February 2018.

MOTION #2

Approve November 2017 plenary meeting minutes and the January 2018 interim meeting minutes.

M: M. Dudek

S: T. Baldwin

Procedural (> 50%)

Passed by voice vote without opposition 5-Mar 2018, 10:13 am

Call for patents

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

Mr. Healey asked if anyone was unfamiliar with the IEEE patent policy. No one responded.

Mr. Healey asked if anyone had or was aware of any essential IP or had a letter of assurance. There was no response.

Mr. Healey asked that Mr. Anslow record that:

- No letters of assurance were submitted
- The patent policy, per the latest PatCom slide set, was shown
- Anyone wishing to submit a letter of assurance can do so at any time by contacting Mr. Law or the PatCom administrator

Mr. Healey reminded the group of inappropriate topics that should not be discussed. These included territory, market share, price, ongoing litigation, threatened litigation, etc.

Mr. Healey reviewed the participation slide.

Please also see

http://www.ieee802.org/3/minutes/mar18/0318_802_3_opening_plenary.pdf.

General Working Group business

Interim meetings since the November 2017 meeting

Please see http://www.ieee802.org/3/minutes/mar18/0318_802_3_opening_plenary.pdf.

18th December 2017, Teleconference

- IEEE P802.3cb 2.5 Gb/s and 5 Gb/s Backplane Task Force
- Hosted by Seagate

22nd to 26th January 2018, Geneva, Switzerland

- IEEE 802.3 interim meeting series
- Hosted by ITU and IEEE 802.3

Mr. Healey expressed his thanks to the hosts of the various interim meetings. There was a round of applause.

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

Mr. Healey 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 to retain membership
- Maintain valid contact information
- Consistent declaration of affiliation

Please see <http://iee802.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/mar18/0318_imat.pdf.

Review of voting membership

Please see http://www.iee802.org/3/minutes/mar18/0318_voters.pdf.

Mr. Healey also noted that the voter's affiliations are shown in the IEEE 802.3 membership list. Please see http://www.iee802.org/3/minutes/mar18/0318_802_3_membership_list.pdf.

Review of voters in peril

Please see http://www.iee802.org/3/minutes/mar18/0318_peril.pdf.

Mr. Healey pointed out that the list of voters in peril also showed "departing voters" who were 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/mar18/0318_potential.pdf.

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

Abbott, John	Heck, Howard	
Brown, Alan	Huszk, Gergely	Rysin, Alexander
Burrell, Gary	Kondo, Taiji	Sakai, Toshiaki
Calvin, John	Krieger, Olaf	Sekel, Steve
DeSanti, Claudio	Lee, June Hee	Sun, Liyang
Du, Liang	Liu, Karen	Tseng, Ta Chin
Fathi Moghadam, Borhan	Mazzini, Marco	Vitali, Marco
Gauthier, Claude	Mueller, Thomas	Withey, James
Gong, Zhigang	Pozzebon, Dino	Yamamoto, Shuto

Mr. Healey noted that 802.3 voters now have this status indicated on their badges and that those who had just requested membership should obtain a replacement badge prior to the closing plenary meeting.

IEEE 802.3 Treasurer's report – Valerie Maguire

Please see http://ieee802.org/3/minutes/mar18/0318_treasury.pdf.

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

IEEE 802 Executive Committee report

Please see http://www.ieee802.org/3/minutes/mar18/0318_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/mar18/0318_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/mar18/0318_agenda_open.pdf.

New Standard PARs

- IEEE P802.1DC Quality of Service Provision by Network Systems [PAR](#) and [CSD](#)
- IEEE P60802 Time-Sensitive Networking Profile for Industrial Automation [PAR](#) and [CSD](#)

Amendment project PARs

- IEEE P802.1CBcv Frame Replication and Elimination for Reliability Amendment: Information Model, YANG Data Model and Management Information Base Module [PAR](#) and [CSD](#)
- IEEE P802.1CBdb Frame Replication and Elimination for Reliability Amendment: Extended Stream Identification Functions [PAR](#) and [CSD](#)
- IEEE P802.1Qcz Bridges and Bridged Networks Amendment: Congestion Isolation [PAR](#) and [CSD](#)
- IEEE P802.11bb Light Communications [PAR](#) and [CSD](#)
- IEEE P802.15.4w Low Power Wide Area (LPWA) [PAR](#) and [CSD](#)
- IEEE P802.15.4x: Field Area Network Enhancements (FANE) [PAR](#) and [CSD](#)
- IEEE P802.15.4y Security Next Generation (SECN) [PAR](#) and [CSD](#)
- IEEE P802.15.4z Enhanced IR-UWB Ranging (EIR) [PAR](#) and [CSD](#)

PAR Modification request

- IEEE P802.22.2 Spectrum Characterization and Occupancy Sensing [PAR](#) and [CSD](#) (unchanged)

PAR Extension request

- IEEE P802.22.2 Spectrum Characterization and Occupancy Sensing [PAR](#)

Mr. Law announced that Mr. Grow had kindly offered to chair an Ad Hoc to review these PARs 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/msg00769.html

LIAISONS

External Liaison letters (new)

ISO/IEC JTC1 SC25 WG3: 1-pair cabling [liaison letter](#)

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

ITU-T SG15: Access Network Transport (ANT) Standards Overview and Work Plan [liaison letter](#)

ITU-T SG15: Home Network Transport (HNT) Standards Overview and Work Plan [liaison letter](#)

ITU-T SG15: Optical Transport Networks & Technologies (OTNT) Standardization Work Plan [liaison letter](#) and [attachment](#)

ITU-T SG15: ANT and HNT documents [liaison letter](#)

Consideration of the above four liaison letters was deferred until the September 2018 meeting due the alignment of the ITU-T SG15 and IEEE 802.3 meeting schedules.

ITU-T SG15: High speed optical access (PON) [liaison letter](#)

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

ITU-T SG15: Coherent 100 Gb/s DWDM interfaces [liaison letter](#)

Mr. Law appointed the IEEE 802.3 Beyond 10 km Optical PHYs Study Group to review the letter and generate a response, if appropriate, for consideration at the closing plenary.

ITU-T SG15: Coordination of IM & DM for OAM [liaison letter](#)

Mr. Law appointed the IEEE P802.3.2 (IEEE 802.3cf) Task Force to review the letter and generate a response, if appropriate, for consideration at the closing plenary.

ITU-T SG15: Initiation of approval process for G.8013/Y.1731 (2015) Corrigendum 1, revised G.8021/Y.1341, and new G.8023 [liaison letter](#) and [attachments](#)

Mr. Law asked the meeting members to review whether a response from IEEE 802.3 should be generated, and if so, to contact him so that an Ad Hoc could be formed to generate a response, if appropriate, for consideration at the closing plenary.

ITU-T SG15: Timing performance of Ethernet PHYs [liaison letter](#)

Mr. Law noted that this was a liaison thanking IEEE 802.3 for a previous liaison response and that no further response was necessary.

TIA TR42: Single balanced pair topics [liaison letter](#)

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

External Liaison letters (old)

ITU-T SG5: Ethernet port isolation [liaison letter](#)

Mr. Law noted that this liaison letter was being considered by the IEEE 802.3 Isolation Ad Hoc and a response, if appropriate, will be reviewed at the closing plenary.

OIF: 400ZR Interop Project [liaison letter](#)

Mr. Law noted that this liaison letter was being considered by the IEEE 802.3 Beyond 10 km Optical PHYs Study Group and a response, if appropriate, will be reviewed at the closing plenary.

OIF: CEI-112G Project Scopes & Objectives [liaison letter](#)

Mr. Law noted that this liaison letter was being considered by the IEEE 802.3 100 Gb/s per Lane Electrical Study Group and a response, if appropriate, will be reviewed at the closing plenary.

OIF: Progress on OIF CEI-56G project [liaison letter](#)

Mr. Law noted that this liaison had been assigned to the IEEE 802.3cd Task Force and a response, if appropriate, will be reviewed at the closing plenary.

External Liaison reports

ISO/IEC SC25/WG3 report – James Withey

Please see

http://www.ieee802.org/3/minutes/mar18/0318_SC25_WG3_report_to_802d3.pdf.

TIA TR-42 report – Valerie Maguire

Please see

http://www.ieee802.org/3/minutes/mar18/0318_TIA_TR-42_report_to_802d3.pdf.

IEEE 802.3 Maintenance – Adam Healey

Please see http://ieee802.org/3/minutes/mar18/0318_maint_open_report.pdf.

Mr. Healey also reviewed the state of the IEEE 802.3 standard. Please see:

http://ieee802.org/3/minutes/mar18/0318_state_of_std.pdf.

TASK FORCE AND STUDY GROUP REPORTS

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

Please see http://ieee802.org/3/minutes/mar18/0318_bt_open_report.pdf.

IEEE P802.3ca 25 Gb/s, 50 Gb/s and 100 Gb/s EPON Task Force – Curtis Knittle

Please see http://ieee802.org/3/minutes/mar18/0318_ca_open_report.pdf.

IEEE P802.3cb 2.5Gb/s and 5 Gb/s Backplane Task Force – Dan Smith

Please see http://ieee802.org/3/minutes/mar18/0318_cb_open_report.pdf.

IEEE P802.3cd 50 Gb/s, 100 Gb/s, and 200 Gb/s Ethernet Task Force – Mark Nowell

Please see http://ieee802.org/3/minutes/mar18/0318_cd_open_report.pdf.

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

Please see http://ieee802.org/3/minutes/mar18/0318_cf_open_report.pdf.

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

Please see http://ieee802.org/3/minutes/mar18/0318_cg_open_report.pdf.

IEEE P802.3ch Multi-Gig Automotive Ethernet PHY Task Force – Steve Carlson

Please see http://www.ieee802.org/3/minutes/mar18/0318_ch_open_report.pdf.

IEEE 802.3 Beyond 10 km Optical PHYs Study Group – John D’Ambrosia

Please see http://www.ieee802.org/3/minutes/mar18/0318_b10k_open_report.pdf.

IEEE 802.3 10 Mb/s Backplane Ethernet Study Group – Jon Lewis

Please see http://ieee802.org/3/minutes/mar18/0318_10M_BP_open_report.pdf.

IEEE 802.3 100 Gb/s per Lane for Electrical Interfaces and PHYs Study Group – Beth Kochuparambil

Please see http://ieee802.org/3/minutes/mar18/0318_100G_elec_open_report.pdf.

IEEE 802.3 Next-generation 200 Gb/s and 400 Gb/s MMF fibre PHYs Study Group – Robert Lingle

Please see http://ieee802.org/3/minutes/mar18/0318_NG_MMF_open_report.pdf.

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

Please see http://ieee802.org/3/minutes/mar18/0318_NEA_open_report.pdf.

CALL FOR INTEREST

IEEE 802.3 Bidirectional 10Gb/s and 25Gb/s optical access PHYs call for interest – Frank Effenberger

Please see http://ieee802.org/3/minutes/mar18/0318_bidi_open_report.pdf.

ROOM ASSIGNMENTS, AND SUBGROUP SCHEDULES

Mr. Carlson provided details of the rooms for the various meetings and Ad Hocs and 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: J. Lewis

S: M. Nowell

Procedural (> 50%)

Passed by voice vote without opposition 5-Mar 2018, 12:03 pm

Approved Minutes
IEEE 802.3 Ethernet Working Group plenary
Rosemont, IL, USA
March 5 to 8, 2018

<http://www.ieee802.org/3/minutes/mar18/index.html>

THURSDAY, 8 MARCH, 2018

Minutes were taken by 802.3 Recording Secretary Pete Anslow.

ADMINISTRATIVE MATTERS & GENERAL BUSINESS

Call to order

Mr. David Law, Chair of the IEEE 802.3 Ethernet Working Group, called the meeting to order at 1:01 pm. Mr. Law announced that the meeting had quorum as it was being held in conjunction with 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/mar18/0318_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/mar18/0318_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. 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.

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

Approval of the Agenda

Mr. Law noted that there was a modification to the agenda to move the item for IEEE P802.3bs to be immediately prior to the IEEE beyond 10 k Study Group item.

MOTION #1

Motion to approve the agenda.

M: C. Jones

S: J. Lewis

Procedural (> 50%)

Passed by voice vote without opposition 8-Mar 2018, 1:13 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/mar18/0318_802_3_closing_plenary.pdf.

Mr. Law reviewed the participation slide.

GENERAL WORKING GROUP 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/mar18/0318_voters.pdf.

Review of voters in peril

Please see http://www.ieee802.org/3/minutes/mar18/0318_peril.pdf.

Request for membership

Please see http://www.ieee802.org/3/minutes/mar18/0318_potential.pdf.

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

Djahanshahi, Hormoz Kramer, Glen
Ingrassia, Alessandro Young, James

IEEE 802 Executive Committee items

Please see http://www.ieee802.org/3/minutes/mar18/0318_802_3_closing_plenary.pdf.

IEEE 802 Task Force meeting

Mr. Law summarized the IEEE 802 Task Force meeting.

IEEE 802.3 Working Group Chair and Vice-Chair elections

Mr. Law explained that according to the IEEE 802 LMSC P&P elections of the Working Group Chair and Vice Chair occur the first plenary meeting of even numbered years. Mr. Law reviewed the election rules adopted in the November 2017 plenary. Please refer to slides 18 and 19 of

http://www.ieee802.org/3/minutes/mar18/0318_802_3_closing_plenary.pdf

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

Mr. Healey, acting as Election Chair, requested that Mr. Law leave the room for the discussion and the vote.

802.3 Chair Election

Elect Mr. David Law to Chair of 802.3

> 50%

Y:139, N: 0, A: 0

Mr. Law elected as Chair of 802.3 8-Mar 2018, 1:33 pm

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

802.3 Vice-Chair Election

Elect Mr. Adam Healey to Vice-Chair of 802.3

> 50%

Y: 138, N: 0, A: 0

Mr. Healey elected as Chair of 802.3 8-Mar 2018, 1:37 pm

Mr. Law announced that he would re-appoint the existing WG officers.

Other IEEE 802 PARs

Mr. Grow briefly reported on the outcome of the Ad Hoc to review the 802 PARs. Please see: [http://ieee802.org/3/minutes/mar18/outgoing/0318 PARs report.pdf](http://ieee802.org/3/minutes/mar18/outgoing/0318_PARs_report.pdf).

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 (new)

IBTA: Invitation to RoCE Interoperability Plugfest Event [liaison letter](#)

This liaison letter was received after the opening plenary meeting. Mr. Law noted that no response was necessary.

ISO/IEC JTC1 SC25 WG3: 1-pair cabling liaison letter

Mr. Law noted that this item would be covered as part of the IEEE 802.3cg Task Force closing report.

ITU-T SG15: High speed optical access (PON) liaison letter

Mr. Law noted that this item would be covered as part of the IEEE 802.3ca Task Force closing report.

ITU-T SG15: Coherent 100 Gb/s DWDM interfaces liaison letter

Mr. Law noted that this item would be covered as part of the IEEE 802.3 Beyond 10 km Optical PHYs Study Group closing report.

ITU-T SG15: Coordination of IM & DM for OAM liaison letter

Mr. Law noted that this item would be covered as part of the IEEE P802.3.2 (IEEE 802.3cf) Task Force closing report.

TIA TR42: Single balanced pair topics liaison letter

Mr. Law noted that this item would be covered as part of the IEEE 802.3cg Task Force closing report.

ITU-T SG15: Initiation of approval process for G.8013/Y.1731 (2015) Corrigendum 1, revised G.8021/Y.1341, and new G.8023 liaison letter and attachments

Mr. Law noted that no one had requested that a response be sent to SG5 on this topic.

External liaison letters (old)

ITU-T SG5: Ethernet port isolation liaison letter

Mr. Law noted that this item would be covered as part of the IEEE 802.3 Isolation Ad Hoc closing report.

OIF: 400ZR Interop Project liaison letter

Mr. Law noted that this item would be covered as part of the IEEE 802.3 Beyond 10 km Optical PHYs Study Group closing report.

OIF: CEI-112G Project Scopes & Objectives liaison letter

Mr. Law noted that this item would be covered as part of the IEEE 802.3 100 Gb/s per Lane for Electrical Interfaces and PHYs Study Group closing report.

OIF: Progress on OIF CEI-56G project liaison letter

Mr. Law noted that this item would be covered as part of the IEEE 802.3cd Task Force closing report.

Future meetings – Steve Carlson

Mr. Carlson reviewed the details of upcoming meetings including an update on the May 2018 meeting. Please see:

http://www.ieee802.org/3/minutes/mar18/0318_meetings_close.pdf.

Mr. Jones reviewed the details of an offer to host for the September 2018 meeting from Dell EMC. Please see:

http://www.ieee802.org/3/minutes/mar18/0318_dell_offer_to_host_sept_2018.pdf.

MOTION #2

Move that IEEE 802.3 accept the Dell EMC offer for the September interim as detailed in 0318_dell_offer_to_host_sept_2018.pdf.

M: J. Lewis

S: S. Carlson

Procedural (>50%)

Passed by voice vote without opposition 8-Mar 2018, 1:58pm

At this point two straw polls were taken.

Straw poll #1

Hyatt Regency O'Hare

Would you like to return to this venue?

Yes: 62, No: 109

8-Mar 2018, 2:02pm

Straw poll #2

Did you enjoy the social?

Yes: 65, No: 37, Did not attend: 40

8-Mar 2018, 2:05pm

REPORTS**IEEE 802.3 Maintenance – Adam Healey**

Please see http://iee802.org/3/minutes/mar18/0318_maint_close_report.pdf.

MOTION #3

Request conditional approval to submit the IEEE P802.3 (IEEE 802.3cj) draft to RevCom once the Sponsor ballot process has been successfully completed.

M: A. Healey on behalf of the Task Force

Technical ($\geq 75\%$)

Y: 113, N: 0, A: 2

Passed 8-Mar 2018, 2:17 pm

Mr. Healey announced that the IEEE P802.3 (IEEE 802.3cj) Task Force would be holding two contingent out-of-cycle teleconference interim meetings on Friday, 6 April 2018 and Thursday 26 April 2018.

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

Please see http://iee802.org/3/minutes/mar18/0318_bt_close_report.pdf.

Mr. Jones announced that the IEEE P802.3bt Task Force would be holding a contingent out-of-cycle teleconference interim meeting on Wednesday, 20 June 2018.

IEEE P802.3ca 25 Gb/s, 50 Gb/s and 100 Gb/s EPON Task Force – Curtis Knittle

Please see http://iee802.org/3/minutes/mar18/0318_ca_close_report.pdf.

Mr. Knittle reviewed a proposed liaison to ITU-T SG15. Please see: http://iee802.org/3/minutes/mar18/outgoing/IEEE_802d3_to_ITU_SG15_Q2_0318_draft.pdf.

MOTION #4

Move that the IEEE 802.3 Working Group approve IEEE_802d3_to_ITU_SG15_Q2_0318_draft with editorial license granted to the Chair (or his appointed agent) as liaison communications from the IEEE 802.3 Working Group to ITU-T Study Group 15.

M: C. Knittle

S: M. Hajduczenia

Technical ($\geq 75\%$)

Y: 97, N: 0, A: 0

Passed 8-Mar 2018, 2:30 pm

IEEE P802.3cb 2.5Gb/s and 5 Gb/s Backplane Task Force – Dan Smith

Please see http://ieee802.org/3/minutes/mar18/0318_cb_close_report.pdf.

MOTION #5

Move that the IEEE 802.3 Working Group re-affirm the CSD (grandfathered 5 Criteria) responses in <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0143-00-ACSD-802-3cb.pdf> and request conditional approval to progress the IEEE P802.3cb draft to RevCom once the Sponsor ballot process has been successfully completed.

M: D. Smith

S: J. Calvin

After some discussion on the plan for sponsor ballot recirculations leading to submission of the P802.3cb draft to RevCom, this motion was withdrawn.

Mr. Smith announced that the P802.3cb Task Force would be holding a contingent out-of-cycle teleconference interim meeting on Thursday, 29 March 2018.

At this point, Mr. Law asked if there was any objection to deferring the P802.3cc agenda item until later in the agenda. There was no objection.

IEEE P802.3cd 50 Gb/s, 100 Gb/s, and 200 Gb/s Ethernet Task Force – Mark Nowell

Please see http://ieee802.org/3/minutes/mar18/0318_cd_close_report.pdf.

Mr. Nowell reviewed proposed liaison responses to OIF and INCITS T11. Please see: http://ieee802.org/3/minutes/mar18/outgoing/IEEE_802d3_to_OIF_cd_0318_draft.pdf http://ieee802.org/3/minutes/mar18/outgoing/IEEE_802d3_to_T11_cd_0318_draft.pdf.

MOTION #6

Move that the IEEE 802.3 Working Group approve:

IEEE_802d3_to_OIF_cd_0318_draft

IEEE_802d3_to_T11_cd_0318_draft

with editorial license granted to the Chair (or his appointed agent) as liaison communications from the IEEE 802.3 Working Group to OIF and T11.

M: M. Nowell

S: K. Lusted

Technical ($\geq 75\%$)

Passed by voice vote without opposition 8-Mar 2018, 2:52 pm

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

Please see http://ieee802.org/3/minutes/mar18/0318_cf_close_report.pdf.

Ms. Zhuang reviewed a proposed liaison to ITU-T SG15. Please see:

http://ieee802.org/3/minutes/mar18/outgoing/IEEE_802d3_to_SG15 YANG_0318_draft.pdf.

MOTION #7

Move that the IEEE 802.3 Working Group approve

IEEE_802d3_to_SG15 YANG_0318_draft.pdf with editorial license granted to the Chair (or his appointed agent) as liaison communication from the IEEE 802.3 Working Group to ITU-T SG15

M: M. Laubach

S: D. Remein

Technical ($\geq 75\%$)

Y: 102, N: 0, A: 1

Passed 8-Mar 2018, 2:58 pm

Break at approximately 3:00 pm. Restarted at approximately 3:22 pm.

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

Please see http://ieee802.org/3/minutes/mar18/0318_cg_close_report.pdf.

Mr. Zimmerman reviewed the proposed changes to the P802.3cg PAR.

MOTION #8

Move that the IEEE 802.3 Working Group approve the modifications to the IEEE P802.3cg 10 Mb/s Single Balanced Pair Ethernet PAR, as shown in ec-18-0013-01-00EC-ieee-p802-3cg-draft-par-modification-request.pdf

M: J. Lewis

S: G. Zimmerman

Technical ($\geq 75\%$)

Y: 88, N: 0, A: 0

Passed 8-Mar 2018, 3:31 pm

Mr. Zimmerman reviewed the proposed changes to the P802.3cg CSD responses.

MOTION #9

Move that the IEEE 802.3 Working Group approve the IEEE P802.3cg CSD “Managed Objects”, “Coexistence”, “Broad Market Potential”, “Compatibility”, “Distinct Identity”, “Technical Feasibility”, and “Economic Feasibility” responses, as per ec-18-0014-02-00EC-ieee-p802-3cg-draft-csd-modifications.pdf.

M: J. Lewis

S: G. Zimmerman

Technical ($\geq 75\%$)

Y: 95, N: 0, A: 1

Passed 8-Mar 2018, 3:39 pm

Mr. Zimmerman reviewed the proposed changes to the P802.3cg objectives.

MOTION #10

Move that the IEEE 802.3 Working Group approve the IEEE P802.3cg objectives, as per slides 17 to 19 of 0318_cg_close_report.pdf.

M: J. Lewis

S: G. Zimmerman

Technical ($\geq 75\%$)

Passed by voice vote without opposition 8-Mar 2018, 3:43 pm

IEEE P802.3ch Multi-Gig Automotive Ethernet PHY Task Force – Steve Carlson

Please see http://ieee802.org/3/minutes/mar18/0318_ch_close_report.pdf.

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

Mr. Law recognized Mr. D’Ambrosia for his contribution to the development of IEEE Std 802.3bs-2017.

Mr. D’Ambrosia in turn recognized several other 802.3 WG members for their contributions to the IEEE P802.3bs project.

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

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

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

IEEE 802.3 Beyond 10 km Optical PHYs Study Group – John D’Ambrosia

Please see http://ieee802.org/3/minutes/mar18/0318_b10k_close_report.pdf.

Mr. D’Ambrosia reviewed a proposed liaison response to OIF. Please see: http://ieee802.org/3/minutes/mar18/outgoing/IEEE_802d3_to_OIF_400ZR_0318_draft.pdf.

MOTION #11

Move that the IEEE 802.3 Working Group approve:
IEEE_802d3_to_OIF_400ZR_0318_draft
with editorial license granted to the Chair (or his appointed agent) as liaison communication from the IEEE 802.3 Working Group to OIF.

M: J. D’Ambrosia S: D. Ofelt

Technical ($\geq 75\%$)

Passed by voice vote without opposition 8-Mar 2018, 4:29 pm

MOTION #12

Move that the IEEE 802.3 Working Group request the re-chartering of the Beyond 10 km Optical PHYs Study Group.

M: J. D’Ambrosia S: M. Nowell

>50%

Y: 82, N: 0, A: 0

Passed 8-Mar 2018, 4:31 pm

IEEE 802.3 10 Mb/s Backplane Ethernet Study Group – Jon Lewis

Please see http://ieee802.org/3/minutes/mar18/0318_10M_BP_close_report.pdf.

MOTION #13

Move that the IEEE 802.3 Working Group request the re-chartering of the 10 Mb/s Backplane Ethernet Study Group.

M: J. Lewis on behalf of the Study Group

>50%

Y: 80, N: 0, A: 0

Passed 8-Mar 2018, 4:35 pm

IEEE 802.3 100 Gb/s per Lane for Electrical Interfaces and PHYs Study Group – Beth Kochuparambil

Please see http://ieee802.org/3/minutes/mar18/0318_100G_elec_close_report.pdf.

Ms. Kochuparambil presented the proposed IEEE P802.3ck 100 Gb/s per Lane Electrical Task Force objectives.

MOTION #14

Move that the IEEE 802.3 Working Group approve the IEEE P802.3ck 100GEL objectives, as per slides 5-8 of 0318_100G_elec_close_report.pdf.

M: B. Kochuparambil

S: K. Lusted

Technical ($\geq 75\%$)

Passed by voice vote without opposition 8-Mar 2018, 4:41 pm

Ms. Kochuparambil presented the proposed IEEE P802.3ck 100 Gb/s per Lane Electrical Task Force PAR.

MOTION #15

Move that the IEEE 802.3 Working Group approve the IEEE P802.3ck 100GEL PAR, in <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0015-02-00EC-ieee-p802-3ck-draft-par.pdf>

M: B. Kochuparambil

S: K. Lusted

Technical ($\geq 75\%$)

Y: 85, N: 0, A: 0

Passed 8-Mar 2018, 4:47 pm

Ms. Kochuparambil presented the proposed IEEE P802.3ck 100 Gb/s per Lane Electrical Task Force CSD responses.

MOTION #16

Move that the IEEE 802.3 Working Group approve the IEEE P802.3ck 100GEL CSD “Managed Objects”, “Coexistence”, “Broad Market Potential”, “Compatibility”, “Distinct Identity”, “Technical Feasibility”, and “Economic Feasibility” responses, in <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0016-02-00EC-ieee-p802-3ck-draft-csd.pdf>

M: K. Lusted

S: B. Kochuparambil

Technical ($\geq 75\%$)

Y: 75, N: 0, A: 1

Passed 8-Mar 2018, 4:53 pm

MOTION #17

Move that the IEEE 802.3 Working Group request the re-chartering of the IEEE 802.3 100 Gb/s per Lane Electrical Study Group.

M: E. Kochuparambil on behalf of the Study Group

>50%

Y: 78, N: 0, A: 0

Passed 8-Mar 2018, 4:55 pm

Ms. Kochuparambil reviewed a proposed liaison response to OIF. Please see: http://ieee802.org/3/minutes/mar18/outgoing/IEEE_802d3_to_OIF_112G_0318_draft.pdf.

MOTION #18

Move that the IEEE 802.3 Working Group approve: IEEE_802d3_to_OIF_112G_0318_draft.pdf with editorial license granted to the Chair (or his appointed agent) as liaison communications from the IEEE 802.3 Working Group to OIF.

M: K. Lusted

S: E. Kochuparambil

Technical ($\geq 75\%$)

Passed by voice vote without opposition 8-Mar 2018, 5:01 pm

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

**IEEE 802.3 Next-generation 200 Gb/s and 400 Gb/s MMF fibre PHYs Study Group
– Robert Lingle**

Please see http://ieee802.org/3/minutes/mar18/0318_NG_MMF_close_report.pdf.

Mr. Lingle presented the proposed IEEE P802.3cm 400 Gb/s over Multimode Fiber Task Force objectives.

MOTION #19

Move that the IEEE 802.3 Working Group approve the IEEE P802.3cm 400 Gb/s over Multimode Fiber objectives, as per slide 4 of 0318_NG_MMF_close_report.pdf.

M: R. Lingle

S: M. Dudek

Technical ($\geq 75\%$)

Passed by voice vote without opposition 8-Mar 2018, 5:07 pm

Mr. Lingle presented the proposed IEEE P802.3cm 400 Gb/s over Multimode Fiber Task Force PAR.

MOTION #20

Move that the IEEE 802.3 Working Group approve the IEEE P802.3cm 400 Gb/s over Multimode Fiber PAR, in <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0017-01-00EC-ieee-p802-3cm-draft-par.pdf>

M: R. Lingle

S: M. Dudek

Technical ($\geq 75\%$)

Y: 84, N: 0, A: 0

Passed 8-Mar 2018, 5:10 pm

Mr. Lingle presented the proposed IEEE P802.3cm 400 Gb/s over Multimode Fiber Task Force CSD responses.

MOTION #21

Move that the IEEE 802.3 Working Group approve the IEEE P802.3cm 400 Gb/s over Multimode Fiber CSD “Managed Objects”, “Coexistence”, “Broad Market Potential”, “Compatibility”, “Distinct Identity”, “Technical Feasibility”, and “Economic Feasibility” responses, as per <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0018-02-00EC-ieee-p802-3cm-draft-csd.pdf>

M: M. Choudhury

S: J. Young

Technical ($\geq 75\%$)

Y: 77, N: 0, A: 0

Passed 8-Mar 2018, 5:18 pm

MOTION #22

Move that the IEEE 802.3 Working Group request the re-chartering of the “Next-generation 200 Gb/s and 400 Gb/s PHYs over fewer MMF pairs than in existing Ethernet projects and standards” Study Group.

M: R. Lingle

S: J. Lewis

>50%

Y: 79, N: 0, A: 0

Passed 8-Mar 2018, 5:21 pm

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

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

Please see http://ieee802.org/3/minutes/mar18/0318_NEA_close_report.pdf.

IEEE 802.3 SCC18 Ad Hoc – Chad Jones

Please see http://ieee802.org/3/minutes/mar18/0318_SCC18_close_report.pdf.

Mr. Jones reviewed a proposed liaison response to IEEE SCC18. Please see: http://ieee802.org/3/minutes/mar18/outgoing/IEEE_802d3_to_SCC18_0318_draft.pdf.

Minor changes were made to the text of the draft liaison.

MOTION #23

Move that the IEEE 802.3 Working Group approve IEEE_802d3_to_SCC18_0318_draft.pdf with editorial license granted to the Chair (or his appointed agent) as liaison communication from the IEEE 802.3 Working Group to SCC18.

M: G. Thompson

S: S. Carlson

Technical ($\geq 75\%$)

Y: 63, N: 0, A: 2

Passed 8-Mar 2018, 5:50 pm

At this point, the number of people in the room was counted as 72.

MOTION #24

Move to charter the SCC18 adhoc to respond on behalf of 802.3WG to any comments or inquiries received from SCC18 with respect to the FR ballot, closing March 23, 2018.

M: C. Jones

S: G. Thompson

Technical ($\geq 75\%$)

Passed by voice vote without opposition 8-Mar 2018, 5:59 pm

MOTION #25

Move that the NFPA Liaison Officers convey the IEEE 802.3 positions to the NFPA Correlating Committee at the meeting May 8-11, 2018.

M: D. Smith

S: J. Lewis

Technical ($\geq 75\%$)

Passed by voice vote without opposition 8-Mar 2018, 6:02 pm

IEEE 802.3 Isolation Ad Hoc – Jon Lewis

Please see http://ieee802.org/3/minutes/mar18/0318_isolation_close_report.pdf.

Mr. Lewis reviewed a proposed liaison to ITU-T SG5. Please see:

http://ieee802.org/3/minutes/mar18/outgoing/IEEE_802d3_to_SG5_isolation_0318_draft.pdf.

MOTION #26

Move that the IEEE 802.3 Working Group approve:

IEEE_802d3_to_SG5_isolation_0318_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 SG5.

M: J. Lewis

S: S. Carlson

Technical ($\geq 75\%$)

Y: 53, N: 0, A: 1

Passed 8-Mar 2018, 6:05 pm

CALL FOR INTEREST

IEEE 802.3 Bidirectional 10Gb/s and 25Gb/s optical access PHYs call for interest – Frank Effenberger

Please see http://ieee802.org/3/minutes/mar18/0318_bidi_close_report.pdf.

Mr. Effenberger presented the results of the consensus meeting.

MOTION #27

Move that the IEEE 802.3 Working Group request the formation of a Study Group to develop a Project Authorization Request (PAR) and Criteria for Standards Development (CSD) responses for Bidirectional 10Gb/s and 25Gb/s Optical Access PHYs

M: F. Effenberger

S: C. DeSanti

> 50%

Y: 46, N: 1, A: 9

Passed 8-Mar 2018, 6:09 pm

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

OTHER BUSINESS

Mr. Law noted that Pat Thaler, who has been a long-standing contributor to the IEEE 802.3 Working Group, is retiring. There was a round of applause.

No further business was discussed.

ADJOURN

MOTION #28

Move to adjourn.

M: D. Remein

S: M. Laubach

Procedural (> 50%)

Passed by voice vote without opposition 8-Mar 2018, 6:13 pm

Adjourned.

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

http://iee802.org/3/minutes/mar18/0318_attendance_rosemont.pdf

The next meeting of the IEEE 802.3 Working Group will be on Thursday 24th May 2018, at the Omni William Penn Hotel, Pittsburgh, PA, USA.