

Approved Minutes
IEEE 802.3 Ethernet Working Group plenary
San Diego, CA, USA
July 9 to 12, 2018

<http://www.ieee802.org/3/minutes/jul18/index.html>

MONDAY, 9 JULY, 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. Mr. Healey announced that the meeting had quorum as it was being held in conjunction with a plenary session.

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 P802.3bt 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 P802.3cd 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 P802.3ck 100 Gb/s, 200 Gb/s, and 400 Gb/s Electrical Interfaces Task Force: Beth Kochuparambil
- IEEE P802.3cm 400 Gb/s over Multimode Fiber Task Force: Robert Lingle

IEEE 802.3 Study Group chairs

- IEEE 802.3 Beyond 10 km optical PHYs: John D'Ambrosia
- IEEE 802.3 Bidirectional 10 Gb/s and 25 Gb/s Optical Access PHYs: Frank Effenberger

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

Working Group Decorum

Mr. Law introduced the Working Group decorum as described in the opening report. Please see http://www.ieee802.org/3/minutes/jul18/0718_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 other than those limited to summarizing the meeting outcomes. There was no response.

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

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

Review and approval of agenda

Mr. Law noted that a soft copy of the draft agenda had been posted to the minutes section for this meeting. Mr. Law gave the 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: S. Trowbridge

S: T. Baldwin

Procedural (> 50%)

Passed by voice vote without opposition 9-Jul 2018, 10:16 am

Approval of March 2018 and May 2018 minutes

Please see http://www.ieee802.org/3/minutes/mar18/0318_minutes_draft.pdf and http://www.ieee802.org/3/minutes/may18/0518_minutes_draft.pdf.

Mr. Law asked if there were any additions or corrections to the March 2018 minutes which were posted on 26 March 2018. Mr. Law also asked if there were any additions or corrections to the May 2018 minutes which were posted on 25 May 2018.

MOTION #2

Approve March 2018 plenary meeting minutes and the May 2018 interim meeting minutes.

M: C. Jones

S: K. Lusted

Procedural (> 50%)

Passed by voice vote without opposition 9-Jul 2018, 10:18 am

Call for patents

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

Mr. Law reviewed the IEEE patent policy. No one responded.

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

Mr. Law asked that Mr. Anslow record that:

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

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

Mr. Law reviewed the participation slide.

Please also see

http://www.ieee802.org/3/minutes/jul18/0718_802_3_opening_plenary.pdf.

General Working Group business

Interim meetings since the March 2018 meeting

Please see http://www.ieee802.org/3/minutes/jul18/0718_802_3_opening_plenary.pdf.

6th April 2018, Teleconference

- IEEE Std 802.3-2015 (IEEE 802.3cj) Maintenance #12 Task Force
- Hosted by Broadcom

26th April 2018, Teleconference

- IEEE Std 802.3-2015 (IEEE 802.3cj) Maintenance #12 Task Force
- Hosted by Broadcom

21st to 25th May 2018, Pittsburgh, PA, USA

- IEEE 802.3 interim meeting series
- Hosted by the Ethernet Alliance

20th June 2018, Teleconference

- IEEE P802.3bt DTE Power via MDI over 4-Pair Task Force
- Hosted by Cisco

Mr. Law 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. 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 to retain membership
- 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://ieee802.org/3/minutes/jul18/0718_imat.pdf.

Review of voting membership

Please see http://www.ieee802.org/3/minutes/jul18/0718_voters.pdf.

Mr. Law also noted that the voter's affiliations are shown in the IEEE 802.3 membership list. Please see http://www.ieee802.org/3/minutes/jul18/0718_802_3_membership_list.pdf.

Review of voters in peril

Please see http://www.ieee802.org/3/minutes/jul18/0718_peril.pdf.

Mr. Law 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.ieee802.org/3/minutes/jul18/0718_potential.pdf.

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

Baca, Richard	Ferretti, Vincent	Miller, Martin
Bo, Gao	Haynes, Hayden	Moritake, Toshiyuki
Brychta, Michal	Holden, Brian	Neveux, Paul
den Besten, Gerrit	Kabra, Lokesh	Ohni, Josef
Donahue, Curtis	Kagami, Manabu	Renteria, Victor

Schuessler, James
Vernickel, Ricky

Voss, Robert
Zweck, Harald

Mr. Law 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/jul18/0718_treasury.pdf.

IEEE 802 Executive Committee report

Please see http://www.ieee802.org/3/minutes/jul18/0718_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/jul18/0718_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/jul18/0718_agenda_open.pdf.

Amendment project PARs

- IEEE P802.1Qcz Congestion Isolation [PAR](#) and [CSD](#)
- IEEE P802.1Qdd Resource Allocation Protocol [PAR](#) and [CSD](#)

PAR Modification request

- IEEE P802.1Qcr Asynchronous Traffic Shaping [PAR modification request](#) and [CSD](#)

PAR Extension request

- IEEE P802.11ax High Efficiency WLAN [PAR extension request](#) and [CSD](#)

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/msg00818.html

LIAISONS

External Liaison reports

TIA TR-42 report – Valerie Maguire

Please see

http://www.ieee802.org/3/minutes/jul18/0718_TIA_TR-42_report_to_802d3.pdf.

Changes to the IEEE draft sharing process

Mr. Law reviewed the recent changes to the IEEE-SA process for sharing draft standards with other standards development organizations (SDOs) since the May interim meeting.

Please see http://www.ieee802.org/3/minutes/jul18/0718_802_3_opening_plenary.pdf.

External Liaison letters (new)

Broadband forum: EPON YANG model development [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.

Broadband forum: SIEPON YANG model development [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: Progress on G.698.2 [liaison letter](#) and [draft](#) (password protected)

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.

MIPI Alliance: Establishment of a liaison relationship [liaison letter](#)

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

OIF: 400ZR Interop Project [liaison letter](#) and [draft](#) (password protected)

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.

OIF: CEI-112G Project [liaison letter](#) and [draft](#) (password protected)

Mr. Law appointed the P802.3ck 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/jul18/0718_rules_open_report.pdf.

IEEE 802.3 Maintenance – Adam Healey

Please see http://ieee802.org/3/minutes/jul18/0718_maint_open_report.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/jul18/0718_bt_open_report.pdf.

Mr. Jones announced that the P802.3bt Task Force would be holding a contingent out-of-cycle teleconference interim meeting on Monday, 13 August 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/jul18/0718_ca_open_report.pdf.

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

Please see http://iee802.org/3/minutes/jul18/0718_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://iee802.org/3/minutes/jul18/0718_cd_open_report.pdf.

Mr. Nowell announced that the P802.3cd Task Force would be holding a contingent out-of-cycle teleconference interim meeting on Wednesday, 8 August 2018.

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

Please see http://iee802.org/3/minutes/jul18/0718_cf_open_report.pdf.

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

Please see http://iee802.org/3/minutes/jul18/0718_cg_open_report.pdf.

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

Please see http://www.iee802.org/3/minutes/jul18/0718_ch_open_report.pdf.

IEEE P802.3ck 100 Gb/s, 200 Gb/s, and 400 Gb/s Electrical Interfaces Task Force – Beth Kochuparambil

Please see http://iee802.org/3/minutes/jul18/0718_ck_open_report.pdf.

IEEE P802.3cm 400 Gb/s over Multimode Fiber Task Force – Robert Lingle

Please see http://iee802.org/3/minutes/jul18/0718_cm_open_report.pdf.

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

Please see http://www.iee802.org/3/minutes/jul18/0718_b10k_open_report.pdf.

IEEE 802.3 Bidirectional 10Gb/s and 25Gb/s optical access PHYs Study Group – Frank Effenberger

Please see http://iee802.org/3/minutes/jul18/0718_bidi_open_report.pdf.

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

Please see http://iee802.org/3/minutes/jul18/0718_NEA_open_report.pdf.

CALL FOR INTEREST

IEEE 802.3 Ethernet access PMDs for central office consolidation call for interest – Claudio DeSanti

Please see http://ieee802.org/3/minutes/jul18/0718_spon_open_report.pdf.

IEEE 802.3 Bidirectional 50 Gb/s optical access PHYs call for interest – Xinyuan Wang

Please see http://ieee802.org/3/minutes/jul18/0718_bidi_50_open_report.pdf.

ROOM ASSIGNMENTS, AND SUBGROUP SCHEDULES

Mr. Carlson noted that details of the rooms for the various meetings and Ad Hocs were available via the 802.3 web page.

ADJOURN

No other items of business were presented.

MOTION #3

Move to adjourn.

M: D. Remein

S: D. Ofelt

Procedural (> 50%)

Passed by voice vote without opposition 9-Jul 2018, 12:01 pm

Approved Minutes
IEEE 802.3 Ethernet Working Group plenary
San Diego, CA, USA
July 9 to 12, 2018

<http://www.ieee802.org/3/minutes/jul18/index.html>

THURSDAY, 12 JULY, 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 1:00 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 asked the attendees to introduce themselves and announce their affiliation.

Mr. Law also showed a list of the officers of the Working Group. Please see http://www.ieee802.org/3/minutes/jul18/0718_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/jul18/0718_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

MOTION #1

Motion to approve the agenda.

M: J. D' Ambrosia

S: M. Dudek

Procedural (> 50%)

Passed by voice vote without opposition 12-Jul 2018, 1:11 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/jul18/0718_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/jul18/0718_voters.pdf.

Review of voters in peril

Please see http://www.ieee802.org/3/minutes/jul18/0718_peril.pdf.

Request for membership

Please see http://www.ieee802.org/3/minutes/jul18/0718_potential.pdf.

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

Beauregard, Francois

Li, David

Tazebay, Mehmet

Bhatt, Vipul

Nolan, John

Zhou, Richard (Yujia)

IEEE 802 Executive Committee items

Please see http://www.ieee802.org/3/minutes/jul18/0718_802_3_closing_plenary.pdf.

IEEE 802 Task Force meeting

Mr. Law summarized the IEEE 802 Task Force meeting.

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/jul18/0718_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.

Internal liaison

IEEE 802.11 Ethernet Cabling Requirements (ECR) Ad Hoc

This item was deferred until approximately 3:30 pm.

External liaison letters (new)

Broadband forum: EPON YANG model development liaison letter

Broadband forum: SIEPON YANG model development liaison letter

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

ITU-T SG15: Progress on G.698.2 liaison letter and draft

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.

MIPI Alliance: Establishment of a liaison relationship liaison letter

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

OIF: 400ZR Interop Project liaison letter and draft

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 liaison letter and draft

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

Future meetings – Steve Carlson

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

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

http://www.ieee802.org/3/minutes/jul18/0718_meetings_close.pdf.

http://www.ieee802.org/3/minutes/jul18/0718_dell_update_sept_2018.pdf

Mr. Law reviewed the details of an offer to host for the January 2019 meeting from Hewlett Packard Enterprise (HPE). Please see:

http://www.ieee802.org/3/minutes/jul18/0718_hpe_offer_to_host_jan_2019.pdf.

MOTION #2

Move that IEEE 802.3 accept the HPE offer for the January 2019 interim as detailed in 0718_hpe_offer_to_host_jan_2019.pdf.

M: D. Law

S: S. Carlson

Procedural (>50%)

Passed by voice vote without opposition 12-Jul 2018, 1:43pm

Mr. D'Ambrosia reviewed the details of an offer to host for the May 2020 meeting from the Ethernet Alliance. Please see:

http://www.ieee802.org/3/minutes/jul18/0718_ea_offer_to_host_may_2020.pdf.

MOTION #3

Move that IEEE 802.3 accept the EA offer for the May 2020 interim as detailed in 0718_ea_offer_to_host_may_2020.pdf.

M: J. D'Ambrosia

S: S. Carlson

Procedural (>50%)

Passed by voice vote without opposition 12-Jul 2018, 1:48pm

At this point two straw polls were taken.

Straw poll #1

Manchester Grand Hyatt San Diego
Would you like to return to this venue?

Yes: 163, No: 0

12-Jul 2018, 1:50pm

Straw poll #2

Did you like the social?

Like: 128, Dislike: 1, Did not attend: 13

12-Jul 2018, 1:52pm

Mr. Law resumed as chair of the meeting.

REPORTS**IEEE 802.3 Maintenance – Adam Healey**

Please see http://ieee802.org/3/minutes/jul18/0718_maint_close_report.pdf.

Mr. Healey reviewed the proposed IEEE P802.3cq Clause 33 Maintenance PAR.

MOTION #4

Approve the IEEE P802.3cq Clause 33 Maintenance PAR in
http://www.ieee802.org/3/maint/public/P802_3cq_PAR_draft.pdf.

M: A. Healey on behalf of the Task Force

Technical ($\geq 75\%$)

Y: 124, N: 0, A: 3

Passed 12-Jul 2018, 2:06 pm

Mr. Healey reviewed the proposed IEEE P802.3cr Isolation Maintenance PAR.

MOTION #5

Approve the IEEE P802.3cr Isolation Maintenance PAR in http://www.ieee802.org/3/maint/public/P802_3cr_PAR_draft.pdf.

M: A. Healey on behalf of the Task Force

Technical ($\geq 75\%$)

Y: 118, N: 0, A: 4

Passed 12-Jul 2018, 2:11 pm

IEEE 802.3 Rules – Adam Healey

Mr. Healey summarized the outcome of the IEEE 802.3 Rules meeting and noted that no changes had been made to the proposals.

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

Please see http://ieee802.org/3/minutes/jul18/0718_bt_close_report.pdf.

MOTION #6

Move that the IEEE 802.3 Working Group approve the IEEE P802.3bt DTE power via MDI Task Force modified CSD (grandfathered 5C), in <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0139-00-00EC-ieee-p802-3bt-draft-modified-csd.pdf>.

M: C. Jones

S: D. Abrahamson

Technical ($\geq 75\%$)

Y: 115, N: 0, A: 4

Passed 12-Jul 2018, 2:24 pm

MOTION #7

Move that the IEEE 802.3 Working Group re-affirm the CSD responses (grandfathered 5C) responses in <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0139-00-00EC-ieee-p802-3bt-draft-modified-csd.pdf> and request conditional approval to progress the IEEE P802.3bt draft to RevCom once the Sponsor ballot process has been successfully completed.

M: C. Jones

S: L. Yseboodt

Technical ($\geq 75\%$)

Y: 119, N: 0, A: 2

Passed 12-Jul 2018, 2:26 pm

Mr. Jones announced that the IEEE P802.3bt Task Force would be holding a contingent out-of-cycle teleconference interim meeting on Monday, 13 August 2018.

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/jul18/0718_ca_close_report.pdf.

Mr. Knittle reviewed the changes to the IEEE P802.3ca objectives.

MOTION #8

Move that the IEEE 802.3 Working Group approve the modified IEEE P802.3ca 25 Gb/s, 50 Gb/s and 100 Gb/s EPON objectives, as per slide 6 of 0718_ca_close_report.pdf.

M: C. Knittle

S: F. Effenberger

Technical ($\geq 75\%$)

Passed by voice vote without opposition 12-Jul 2018, 2:32 pm

Mr. Knittle reviewed the changes to the IEEE P802.3ca PAR.

MOTION #9

Move that the IEEE 802.3 Working Group approve the modifications to the IEEE P802.3ca 25 Gb/s, 50 Gb/s and 100 Gb/s EPON PAR, as shown in http://www.ieee802.org/3/ca/public/meeting_archive/2018/07/P802_3ca_PARMod_Details.pdf

M: C. Knittle

S: D. Remein

Technical ($\geq 75\%$)

Y: 120, N: 0, A: 1

Passed 12-Jul 2018, 2:38 pm

MOTION #10

Move that the IEEE 802.3 Working Group approve the IEEE P802.3ca 25 Gb/s, 50 Gb/s and 100 Gb/s EPON PAR extension request, in http://www.ieee802.org/3/ca/public/meeting_archive/2018/07/P802_3ca_PAR_Extension_Detail.pdf

M: C. Knittle

S: M. Hajduczenia

Technical ($\geq 75\%$)

Y: 121, N: 0, A: 0

Passed 12-Jul 2018, 2:42 pm

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

Please see http://ieee802.org/3/minutes/jul18/0718_cb_close_report.pdf.

MOTION #11

Move that the IEEE 802.3 Working Group re-affirm the CSD responses in <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0143-00-ACSD-802-3cb.pdf> and request approval to progress the IEEE P802.3cb draft to RevCom.

M: D. Smith

S: B. McClellan

Technical ($\geq 75\%$)

Y: 115, N: 0, A: 1

Passed 12-Jul 2018, 2:47 pm

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/jul18/0718_cd_close_report.pdf.

Mr. Nowell reviewed proposed liaisons to IBTA and INCITS T11.2. Please see: http://ieee802.org/3/minutes/jul18/outgoing/IEEE_802d3_to_IBTA_0718_draft.pdf http://ieee802.org/3/minutes/jul18/outgoing/IEEE_802d3_to_T11-2_0718_draft.pdf.

MOTION #12

Move that the IEEE 802.3 Working Group approve:

IEEE_802d3_to_IBTA_0718_draft

IEEE_802d3_to_T11-2_0718_draft

with editorial license granted to the Chair (or his appointed agent) as liaison communications from the IEEE 802.3 Working Group to IBTA and T11.2.

M: M. Nowell

S: K. Lusted

Technical ($\geq 75\%$)

Passed by voice vote without opposition 12-Jul 2018, 2:55 pm

Mr. Nowell announced that the planned P802.3cd Task Force contingent out-of-cycle teleconference interim meeting on Wednesday, 8 August 2018 was cancelled, but that there would be a contingent out-of-cycle teleconference interim meeting in the week of 1st October or 8th October 2018.

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

Please see http://ieee802.org/3/minutes/jul18/0718_cf_close_report.pdf.

MOTION #13

Move that the IEEE 802.3 Working Group re-affirm the CSD responses in

<https://mentor.ieee.org/802-ec/dcn/16/ec-16-0142-00-ACSD-802-3cf.pdf> and request conditional approval to progress the IEEE P802.3.2 (IEEE 802.3cf) draft to IEEE 802 LMSC sponsor ballot once the Working Group ballot process has been successfully completed.

M: Y. Zhuang

S: M. Hajduczenia

Technical ($\geq 75\%$)

Y: 109, N: 0, A: 1

Passed 12-Jul 2018, 3:00 pm

Ms. Zhuang reviewed a proposed liaison to the Broadband Forum. Please see: http://ieee802.org/3/minutes/jul18/outgoing/IEEE_802d3_to_BBF_0718_draft.pdf.

MOTION #14

Move that the IEEE 802.3 Working Group approve IEEE_802d3_to_BBF_0718_draft.pdf with editorial license granted to the Chair (or his appointed agent) as liaison communication from the IEEE 802.3 Working Group to the Broadband Forum.

M: Y. Zhuang

S: D. Remein

Technical ($\geq 75\%$)

Passed by voice without opposition 12-Jul 2018, 3:07 pm

Ms. Zhuang announced that the IEEE P802.3.2 (IEEE 802.3cf) Task Force would be holding a contingent out-of-cycle teleconference interim meeting on Tuesday, 14 August 2018.

Break at approximately 3:08 pm. Restarted at approximately 3:26 pm.

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

Please see http://ieee802.org/3/minutes/jul18/0718_cg_close_report.pdf.

Mr. Zimmerman reviewed changes made to the P802.3cg draft compared to the preview version.

MOTION #15

Move that the IEEE 802.3 Working Group progress the IEEE P802.3cg draft to Working Group ballot.

M: G. Zimmerman

S: J. Lewis

Technical ($\geq 75\%$)

Passed by voice vote without opposition 12-Jul 2018, 3:46 pm

Internal liaison**IEEE 802.11 Ethernet Cabling Requirements (ECR) Ad Hoc**

Osama Aboul-Magd summarized the output of the IEEE 802.11 ECR Ad Hoc group.

Please see <https://mentor.ieee.org/802.11/dcn/18/11-18-1124-03-0000-ecr-ad-hoc-output-report.pptx>

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

Please see http://ieee802.org/3/minutes/jul18/0718_ch_close_report.pdf.

IEEE P802.3ck 100 Gb/s, 200 Gb/s, and 400 Gb/s Electrical Interfaces Task Force – Beth Kochuparambil

Please see http://ieee802.org/3/minutes/jul18/0718_ck_close_report.pdf.

IEEE P802.3cm 400 Gb/s over Multimode Fiber Task Force – Robert Lingle

Please see http://ieee802.org/3/minutes/jul18/0718_cm_close_report.pdf.

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

Please see http://ieee802.org/3/minutes/jul18/0718_b10k_close_report.pdf.

Mr. D’Ambrosia presented the proposed IEEE P802.3cn Beyond 10 km Optical PHYs Task Force objectives.

MOTION #16

Move that the IEEE 802.3 Working Group approve the IEEE P802.3cn B10K objectives, as per slide 5 of 0718_b10k_close_report.pdf

M: J. D’Ambrosia

S: M. Nowell

Technical ($\geq 75\%$)

Passed by voice vote without opposition 12-Jul 2018, 4:31 pm

Mr. D’Ambrosia presented the proposed IEEE P802.3cn Beyond 10 km Optical PHYs Task Force PAR.

MOTION #17

Move that the IEEE 802.3 Working Group approve the IEEE P802.3cn B10K PAR, in <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0145-00-00EC-ieee-p802-3cn-standard-for-ethernet-amendment-physical-layers-and-management-parameters-for-50-gb-s-100-gb-s-200-gb-s-and-400-gb-s-operation-over-single-mode-fiber-and-dwdm-dense-wavelength-division-multiplexing-systems.pdf>

M: J. D’Ambrosia

S: S. Trowbridge

Technical ($\geq 75\%$)

Y: 92, N: 0, A: 0

Passed 12-Jul 2018, 4:38pm

Mr. D’Ambrosia presented the proposed IEEE P802.3cn Beyond 10 km Optical PHYs Task Force CSD responses.

MOTION #18

Move that the IEEE 802.3 Working Group approve the IEEE P802.3cn B10K 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-18-0146-00-00EC-ieee-p802-3cn-draft-csd.pdf>

M: J. D’Ambrosia

S: P. Anslow

Technical ($\geq 75\%$)

Y: 95, N: 0, A: 1

Passed 12-Jul 2018, 4:43 pm

Mr. D’Ambrosia reviewed a proposed liaison response to OIF. Please see: http://ieee802.org/3/minutes/jul18/outgoing/IEEE_802d3_to_OIF_B10k_0718_draft.pdf.

MOTION #19

Move that the IEEE 802.3 Working Group approve: IEEE_802d3_to_OIF_B10k_0718_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: M. Nowell

Technical ($\geq 75\%$)

Passed by voice vote without opposition 12-Jul 2018, 4:50 pm

MOTION #20

Move:

- The IEEE 802.3 Working Group requests the extension of the Beyond 10 km Optical PHYs Study Group
- The IEEE 802.3 Working Group approve the following rationale for extension: Approval has been sought to forward the IEEE P802.3cn PAR to NesCom which was developed by this Study Group. This request for extension is for two reasons: (a) to be able to address any issues during the approval process for the IEEE P802.3cn PAR; and (b) to allow the Study Group to meet during the IEEE 802.3 September 2018 interim week for further study and consensus building. The IEEE-SA Standards Board won't meet to consider the NesCom recommendation on IEEE P802.3cn PAR until 27th September 2018, after the interim week.

M: J. D' Ambrosia

S: M. Nowell

>50%

Y: 89, N: 0, A: 1

Passed 12-Jul 2018, 4:53 pm

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

IEEE 802.3 Bidirectional 10Gb/s and 25Gb/s optical access PHYs Study Group – Frank Effenberger

Please see http://ieee802.org/3/minutes/jul18/0718_bidi_clsose_report.pdf.

Mr. Law explained the need for a motion to re-charter the Bidirectional 10 Gb/s and 25 Gb/s Optical Access PHYs Study Group in case the new Study group for Bidirectional 10 Gb/s, 25 Gb/s, and 50 Gb/s Optical Access PHYs is not successfully formed.

MOTION #21

Move that the IEEE 802.3 Working Group request the re-chartering of the Bidirectional 10 Gb/s and 25 Gb/s Optical Access PHYs Study Group, unless the formation of a new study group for Bidirectional 10 Gb/s, 25 Gb/s, and 50 Gb/s Optical Access PHYs is approved.

M: F. Effenberger

S: G. Kramer

>50%

Y: 82, N: 0, A: 2

Passed 12-Jul 2018, 5:01 pm

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

Please see http://ieee802.org/3/minutes/jul18/0718_NEA_close_report.pdf.

IEEE 802.3 SCC18 Ad Hoc – Chad Jones

Please see http://ieee802.org/3/minutes/jul18/0718_SCC18_close_report.pdf.

MOTION #22

Move that the IEEE 802.3 Working Group grant the SCC18 adhoc the authority to give guidance to the TC716 Direct Representative by September 14, 2018 for comments against 64/2280/CD.

M: C. Jones

S: B. Voss

Technical ($\geq 75\%$)

Passed by voice vote without opposition 12-Jul 2018, 5:16 pm

MOTION #23

Move that the IEEE 802.3 Working Group grant the Chair the authority to use the guidance of the SCC18 adhoc as a basis for the Chair (or his appointed agent) to submit Public Comments to NEC 2020 on behalf of IEEE 802.3 by August 30, 2018.

M: C. Jones

S: J. Lewis

Technical ($\geq 75\%$)

Passed by voice vote without opposition 12-Jul 2018, 5:25 pm

IEEE 802.3 Isolation Ad Hoc – Jon Lewis

Please see http://ieee802.org/3/minutes/jul18/0718_isolation_close_report.pdf.

Mr. Law announced that he was re-chartering the Isolation Ad Hoc until the November 2018 plenary meeting.

CALL FOR INTEREST

IEEE 802.3 Ethernet access PMDs for central office consolidation call for interest – Claudio DeSanti

Please see http://ieee802.org/3/minutes/jul18/0718_spon_close_report.pdf.

Mr. DeSanti presented the results of the consensus meeting.

MOTION #24

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 Ethernet Physical Layer specifications for optical subscriber access supporting point-to-multipoint operations using wavelength division multiplexing over an increased-reach passive optical network (PON).

M: C. DeSanti

S: P. Nikolich

> 50%

Y: 50, N: 4, A: 26

Passed 12-Jul 2018, 5:31 pm

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

IEEE 802.3 Bidirectional 50 Gb/s optical access PHYs call for interest – Xinyuan Wang

Please see http://iee802.org/3/minutes/jul18/0718_bidi_50_close_report.pdf.

Mr. Wang presented the results of the consensus meeting.

MOTION #25

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 10 Gb/s, 25 Gb/s and 50 Gb/s Optical Access PHYs Study Group.

M: X. Wang

S: D. Ofelt

> 50%

Y: 68, N: 0, A: 8

Passed 12-Jul 2018, 5:37 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

No further business was discussed.

ADJOURN

MOTION #26

Move to adjourn.

M: J. D' Ambrosia

S: D. Remein

Procedural (> 50%)

Passed by voice vote without opposition 12-Jul 2018, 5:43 pm

Adjourned.

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

http://iee802.org/3/minutes/jul18/0718_attendance_san_diego.pdf

The next meeting of the IEEE 802.3 Working Group will be on Thursday 13th September 2018, at the Davenport Historic Hotel, Spokane, WA, USA.