Approved Minutes

IEEE 802.3 Ethernet Working Group plenary

Vancouver, BC, Canada

March 13 to 16, 2017

http://www.ieee802.org/3/minutes/mar17/index.html

MONDAY, 13 MARCH, 2017

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 P802.3bs 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 802.3 Study Group chairs

- IEEE 802.3 Multi-Gig Automotive Ethernet PHY Study Group: Steve Carlson

Working Group Decorum

Mr. Healey introduced the Working Group decorum as described in the opening report. Please see http://www.ieee802.org/3/minutes/mar17/0317_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: A. Ran   S: T. Baldwin

Procedural (> 50%)

Passed by voice vote without opposition 13-Mar 2017, 10:13 am

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Approval of November 2016 and January 2016 minutes

Please see http://www.ieee802.org/3/minutes/nov16/1116_minutes_draft.pdf and http://www.ieee802.org/3/minutes/jan17/0117_minutes_draft.pdf.

Mr. Healey asked if there were any additions or corrections to the November 2016 minutes which were posted on 17 November 2016. Mr. Healey also asked if there were any additions or corrections to the January 2017 minutes which were posted on 24 January 2017.

MOTION #2

Approve November 2016 plenary meeting minutes and the January 2017 interim meeting minutes.

M: S. Trowbridge   S: M. Dudek

Procedural (> 50%)

Passed by voice vote without opposition 13-Mar 2017, 10:14 am

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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/mar17/0317_802_3_opening_plenary.pdf.

General Working Group business

Working Group activities since the November 2016 meeting

Please see http://www.ieee802.org/3/minutes/mar17/0317_802_3_opening_plenary.pdf.

7th December 2016, Regensburg, Germany

- IEEE 802.3bv Gigabit Ethernet over plastic optical fiber Task Force
- Hosted by ISO and Broadcom

9th to 13th January 2017, Huntington Beach, CA, USA

- IEEE 802.3 interim meeting series
- Hosted by CME Consulting

15th February 2017, San Jose, CA, USA

- IEEE 802.3cc 25 Gb/s Ethernet over Single-Mode Fiber Task Force
- Hosted by Cisco

21st to 22nd February 2017, Warren, MI, USA

- IEEE 802.3 Multi-Gig Automotive Ethernet PHY Study Group
- Hosted by GM

24th February 2017, Longmont, CO, USA

- IEEE 802.3cb 2.5 Gb/s and 5 Gb/s Backplane Task Force
- Hosted by Seagate

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://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/mar17/0317_imat.pdf.

Review of voting membership

Please see http://www.ieee802.org/3/minutes/mar17/0317_voters.pdf.

Review of voters in peril

Please see http://www.ieee802.org/3/minutes/mar17/0317_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.ieee802.org/3/minutes/mar17/0317_potential.pdf.

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

Baldwin, Thananya	Hayakawa, Akinori	Mei, Richard
Bohm, Mark	Huang, Xingang	Pandey, Sujan
Chen, Chan	Lapak, Jeffrey	Peng, Wanquan
Choudhury, Golam	Leizerovich, Hanan	Piehler, David
Graber, Steffen	Lingle, Robert	Pimpinella, Rick
Grau, Olaf	Madgar, Zahy	Sayre, Edward
Hashimoto, Tomohiro	Medina, Marcel	Zhang, Huanlin

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/mar17/0317_treasury.pdf.

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

Mr. Law asked if there was any objection to adding the 802 Executive Committee report to the agenda at this point. There was no objection.

IEEE 802 Executive Committee report

Please see http://www.ieee802.org/3/minutes/mar17/0317_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/mar17/0317_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/mar17/0317_agenda_open.pdf.

New standard PAR

- IEEE P802.15.11 Standard: Multi-Gigabit/s Optical Wireless Communications PAR and CSD

Amendment project PAR

- IEEE P802.15.3f Physical Layer (PHY) to use the 64 to 71 GHz spectrum, PAR and CSD

Revision PARs

- IEEE P802.11 Wireless LAN Medium Access Control and Physical Layer Specifications PAR
- IEEE P802.15.4 Low-Rate Wireless Networks PAR

Mr. Law announced that Mr. Grow had kindly offered to chair an Ad Hoc to review these PARs (and also the "IEEE 802 network enhancements for the next decade" ICAID) 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/msg00641.html

LIAISONS

External Liaison reports

ISO/IEC SC25/WG3 report – Alan Flatman

Please see http://www.ieee802.org/3/minutes/mar17/0317_SC25_WG3_report_to_802d3.pdf.

TIA TR-42 report – Valerie Maguire

Please see
http://www.ieee802.org/3/minutes/mar17/0317_TIA_TR-42_report_to_802d3.pdf.

IEEE SCC18 report – Chad Jones on behalf of Joel Goergen

Mr. Law announced that he was appointing Chad Jones to chair an Ad Hoc to build consensus on a draft public input proposals and consider any other IEEE SCC18 related items of interest.

Please see http://www.ieee802.org/3/minutes/mar17/0317_802_3_opening_plenary.pdf.

Mr. Jones gave a verbal update on IEEE SCC18 activity.

ODVA report - David Brandt

Please see
http://www.ieee802.org/3/minutes/mar17/0317_ODVA_report_to_802d3.pdf.

External Liaison letters (new)

ISO/IEC JTC1 SC25: IEEE 802.3 on 1-pair cabling liaison letter

Mr. Law appointed the P802.3cg Task Force and the IEEE 802.3 Multi-Gig Automotive Ethernet PHY Study Group to review the letter and generate a response, if appropriate, for consideration at the closing plenary.

ITU-T SG13: Report on standard gap analysis from ITU-T Focus Group on IMT-2020 and on extension of lifetime of Focus Group IMT-2020 liaison letter, Attachment 1, and Attachment 2 *(sent early 2016)*

Mr. Law appointed the IEEE 802.3 New Ethernet Applications (NEA) Ad Hoc to review the letter and generate a response, if appropriate, for consideration at the closing plenary.

ITU-T: Focus Group IMT-2020 to IEEE 802.3 on non-radio aspects of 5G liaison letter

Mr. Law appointed the IEEE 802.3 New Ethernet Applications (NEA) Ad Hoc to review the letter and generate a response, if appropriate, for consideration at the closing plenary.

JEDEC: JESD204C Task Group to IEEE 802.3 on referencing COM liaison letter

Mr. Law appointed Adee Ran to review the letter and generate a response, if appropriate, for consideration at the closing plenary.

MEF: Layer 1 Connectivity Services liaison letter

Mr. Law asked if there was any interest in developing a reply. Mr. Trowbridge stated that when there is an ITU-T mapping for 200Gb/s and 400 Gb/s Ethernet over OTN, it would be useful to inform the MEF of this.

TIA TR-42: Single-pair Ethernet liaison letter *and* attachment

Mr. Law appointed the P802.3cg Task Force and the IEEE 802.3 Multi-Gig Automotive Ethernet PHY Study Group to review the letter and generate a response, if appropriate, for consideration at the closing plenary.

External Liaison letters (new, information item)

OIF to IEEE P802.3bs and P802.3cd regarding progress on OIF CEI-56G-VSR-PAM4 project liaison letter *and* attachment

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

ITU SG15: IEEE P802.3ca wavelength plans and coexistence requirements liaison letter

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

Internal Liaison

Potential IEEE 802 5G Industry Connection activity

Mr. D'Ambrosia gave an update on a potential Industry Connections activity in IEEE 802.1, addressing architecture aspects targeting "5G".

IEEE 802.3 Rules – Adam Healey

Please see http://ieee802.org/3/minutes/mar17/0317_rules_open_report.pdf.

IEEE 802.3 Maintenance – Adam Healey

Please see http://ieee802.org/3/minutes/mar17/0317_maint_open_report.pdf.

Mr. Healey also noted that the state of the IEEE 802.3 standard is posted. Please see: http://ieee802.org/3/minutes/mar17/0317_state_of_std.pdf.

TASK FORCE AND STUDY GROUP REPORTS

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

Please see http://ieee802.org/3/minutes/mar17/0317_bs_open_report.pdf.

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

Please see http://ieee802.org/3/minutes/mar17/0317_bt_open_report.pdf.

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

Please see http://ieee802.org/3/minutes/mar17/0317_bv_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/mar17/0317_ca_open_report.pdf.

IEEE P802.3cb 2.5Gb/s and 5 Gb/s Backplane Task Force – Larry McMillan on behalf of Dan Smith

Please see http://ieee802.org/3/minutes/mar17/0317_cb_open_report.pdf.

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

Please see http://ieee802.org/3/minutes/mar17/0317_cc_open_report.pdf.

IEEE P802.3cd 50 Gb/s, 100 Gb/s, and 200 Gb/s Ethernet Task Force – Kent Lusted on behalf of Mark Nowell

Please see http://ieee802.org/3/minutes/mar17/0317_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/mar17/0317_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/mar17/0317_cg_open_report.pdf.

IEEE 802.3 Multi-Gig Automotive Ethernet PHY Study Group – Steve Carlson

Please see http://www.ieee802.org/3/minutes/mar17/0317_multi_gig_open_report.pdf.

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

Please see http://ieee802.org/3/minutes/mar17/0317_NEA_open_report.pdf.

ROOM ASSIGNMENTS, AND SUBGROUP SCHEDULES

Mr. Carlson provided details of the rooms for the 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. D'Ambrosia   S: T. Baldwin

Procedural (> 50%)

Passed by voice vote without opposition 13-Mar 2017, 12:05 pm

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Approved Minutes

IEEE 802.3 Ethernet Working Group plenary

Vancouver, BC, Canada

March 13 to 16, 2017

http://www.ieee802.org/3/minutes/mar17/index.html

THURSDAY, 16 MARCH, 2017

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/mar17/0317_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/mar17/0317_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: S. Trowbridge   S: D. Remein

Procedural (> 50%)

Passed by voice vote without opposition 16-Mar 2017, 1:12 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/mar17/0317_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/mar17/0317_voters.pdf.

Review of voters in peril

Please see http://www.ieee802.org/3/minutes/mar17/0317_peril.pdf.

Request for membership

Please see http://www.ieee802.org/3/minutes/mar17/0317_potential.pdf.

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

McSorley, Greg

IEEE 802 Executive Committee items

Please see http://www.ieee802.org/3/minutes/mar17/0317_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 reported on the outcome of the Ad Hoc to review the 802 PARs.

Please see: http://www.ieee802.org/3/minutes/mar17/0317_PARs_close_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)

ISO/IEC JTC1 SC25 to IEEE 802.3 on 1-pair cabling liaison letter

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

ITU-T Focus Group IMT-2020 to IEEE 802.3 on non-radio aspects of 5G liaison letter

Mr. D'Ambrosia reported that no response to ITU-T SG13 was required at this time.

Mr. D'Ambrosia also reported on the potential Industry Connections activity in IEEE 802.1, addressing architecture aspects targeting "5G".

JEDEC JESD204C Task Group to IEEE 802.3 on referencing COM liaison letter

Mr. Ran reviewed the proposed liaison to the JEDEC JESD204C Task Group. Please see: http://ieee802.org/3/minutes/mar17/outgoing/IEEE_802p3_to_JESD204C_0317_draft.pdf

Minor changes were made to the draft liaison.

MOTION #2

Move that the IEEE 802.3 Working Group approve IEEE_802p3_to_JESD204C_0317_draft.pdf with editorial license granted to the Chair (or his appointed agent) as liaison communication from the IEEE 802.3 Working Group to JEDEC JESD204C Task Group.

M: A. Ran   S: J. D'Ambrosia

Technical (≥75%)

Passed by voice vote without opposition 16-Mar 2017, 1:51 pm

Future meetings – Steve Carlson

Mr. Carlson reviewed the details of upcoming meetings including an update on the May 2017 meeting. Please see

http://www.ieee802.org/3/minutes/mar17/0317_meetings_close.pdf

http://www.ieee802.org/3/minutes/mar17/0317_EA_may_2017_reminder.pdf.

REPORTS

IEEE 802.3 Rules – Adam Healey

Mr. Healey gave an update on the activity in the rules meeting.

Please see http://ieee802.org/3/minutes/mar17/0317_rules_close_report.pdf.

Mr. Healey reviewed rules change 1-11/16. There was discussion of the motion.

MOTION #3

Approve the proposed IEEE 802.3 rules change 1-11/16, without a 30 day WG letter ballot.

M: J. D'Ambrosia   S: M. Laubach

≥75%

Y: 30, N: 48, A: 43

Motion failed 16-Mar 2017, 2:17 pm

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

Mr. Law reviewed rules change 2-11/16. There was discussion on the proposed rules change.

MOTION #4

Approve the proposed IEEE 802.3 rules change 2-11/16, as shown in 0317_rules_close_report, without a 30 day WG letter ballot.

M: S. Carlson   S: C. Jones

≥75%

At this point, Mr. Thompson made a motion to amend Motion #4

MOTION #5

Change "WG meeting" to "WG plenary meeting" on page 11 of 0317_rules_close_report.

M: G. Thompson

Motion failed for lack of a second.

MOTION #4 resumed

Approve the proposed IEEE 802.3 rules change 2-11/16, as shown in 0317_rules_close_report, without a 30 day WG letter ballot.

M: S. Carlson   S: C. Jones

≥75%

Y: 77, N: 0, A: 20

Passed 16-Mar 2017, 3:11 pm

Break at approximately 3:12 pm. Restarted at approximately 3:27 pm.

Mr. Law resumed as chair of the meeting.

IEEE 802.3 Maintenance – Adam Healey

Please see http://ieee802.org/3/minutes/mar17/0317_maint_close_report.pdf.

MOTION #6

Submit IEEE P802.3-2015/Cor 1 to RevCom.

M: A. Healey on behalf of the Task Force

Technical (≥75%)

Y: 76, N: 0, A: 4

Passed 16-Mar 2017, 3:30 pm

Mr. Healey reviewed two proposed liaisons to ISO/IEC JTC 1/SC 6. Please see:
http://ieee802.org/3/minutes/mar17/outgoing/IEEE_802d3_to_ISOIEC_JTC1_SC6_0317_1_draft.pdf
http://ieee802.org/3/minutes/mar17/outgoing/IEEE_802d3_to_ISOIEC_JTC1_SC6_0317_2_draft.pdf

MOTION #7

Approve IEEE_802d3_to_ISOIEC_JTC1_SC6_0317_1_draft.pdf and IEEE_802d3_to_ISOIEC_JTC1_SC6_0317_2_draft.pdf with editorial license granted to the Chair (or his appointed agent) as liaison communication from the IEEE 802.3 Working Group to ISO/IEC JTC 1/SC 6.

M: A. Healey   S: S. Carlson

Technical (≥75%)

Y: 94, N: 0, A: 2

Passed 16-Mar 2017, 3:42 pm

Mr. Healey reviewed the content of a request to IANA.

MOTION #8

Approve submission of the content of
http://www.ieee802.org/3/maint/public/IANA_request_0117.pdf

with editorial license granted to the Chair (or his appointed agent) as a request from the IEEE 802.3 Working Group to the Internet Assigned Numbers Authority (IANA).

M: A. Healey   S: D. Remein

Technical (≥75%)

Passed by voice vote without opposition 16-Mar 2017, 3:47 pm

Mr. Healey reviewed the proposed IEEE P802.3 Revision PAR.

MOTION #9

Approve the IEEE P802.3 Revision PAR

http://www.ieee802.org/3/maint/public/P802_3_PAR_Draft_1_0317.pdf

M: A. Healey   S: S. Carlson

Technical (≥75%)

Y: 101, N: 0, A: 0

Passed 16-Mar 2017, 3:55 pm

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

Mr. Law recognized Mr. Laubach for his contribution to the development of IEEE Std 802.3bn-2016.

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

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

Please see http://ieee802.org/3/minutes/mar17/0317_bs_close_report.pdf.

Mr. D'Ambrosia reviewed proposed liaisons to OIF, T11.2, and ITU-T Study Group 15. Please see:
http://ieee802.org/3/minutes/mar17/outgoing/IEEE_802d3_to_OIF_bs_0317_draft.pdf
http://ieee802.org/3/minutes/mar17/outgoing/IEEE_802d3_to_T11d2_0317_draft.pdf
http://ieee802.org/3/minutes/mar17/outgoing/IEEE_802d3_to_ITU_SG15_0317_draft.pdf

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MOTION #10

Move that the IEEE 802.3 Working Group approve:
IEEE_802d3_to_OIF_bs_0317_draft
IEEE_802d3_to_T11d2_0317_draft
IEEE_802d3_to_ITU_SG15_0317_draft
with editorial license granted to the Chair (or his appointed agent) as liaison communications from the IEEE 802.3 Working Group to OIF, T11.2, ITU-T Study Group 15.

M: J. D'Ambrosia   S: P. Anslow

Technical (≥75%)

Y: 91, N: 0, A: 1

Passed 16-Mar 2017, 4:11 pm

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

Please see http://ieee802.org/3/minutes/mar17/0317_bt_close_report.pdf.

IEEE P802.3bu 1-Pair Power over Data Lines (PoDL) Task Force – George Zimmermann on behalf of Dan Dove

Mr. Law recognized Mr. Dove for his contribution to the development of IEEE Std 802.3bu-2016.

Mr. Zimmerman recognized several other 802.3 WG members for their contributions to the IEEE P802.3bu project.

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

Please see http://ieee802.org/3/minutes/mar17/0317_ca_close_report.pdf.

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

Please see http://ieee802.org/3/minutes/mar17/0317_cb_close_report.pdf

Mr. Smith reviewed the unsatisfied negative comments against the P802.3cb draft.

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
conditional approval to progress the IEEE P802.3cb draft to IEEE 802 LMSC sponsor
ballot once the Working Group ballot process has been successfully completed.

M: D. Smith   S: L. McMillan

Technical ($\geq$75%)

Y: 73, N: 0, A: 5

Passed 16-Mar 2017, 4:37 pm

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

Please see http://ieee802.org/3/minutes/mar17/0317_cc_close_report.pdf

Mr. Lewis reviewed the unsatisfied negative comments against the P802.3cc draft.

MOTION #12

Move that the IEEE 802.3 Working Group re-affirm the CSD responses in
http://www.ieee802.org/3/cc/ec-16-0059-00-ACSD-802-3cc.pdf and request approval to
progress the IEEE P802.3cc draft to IEEE 802 LMSC sponsor ballot.

M: D. Lewis   S: T. Palkert

Technical ($\geq$75%)

Y: 79, N: 0, A: 1

Passed 16-Mar 2017, 4:42 pm

**IEEE P802.3cd 50 Gb/s, 100 Gb/s, and 200 Gb/s Ethernet Task Force – Kent Lusted
on behalf of Mark Nowell**

Please see http://ieee802.org/3/minutes/mar17/0317_cd_close_report.pdf.

Mr. Lusted reviewed a proposed liaison response to OIF. Please see:
http://ieee802.org/3/minutes/mar17/outgoing/IEEE_802d3cd_to_OIF_cd_0317_draft.pdf.

Minor changes were made to the draft liaison.

MOTION #13

Move that the IEEE 802.3 Working Group approve
IEEE_802d3_to_OIF_cd_0317_draft.pdf with editorial license granted to the Chair (or his appointed agent) as liaison communication from the IEEE 802.3 Working Group to OIF.

M: K. Lusted   S: S. Trowbridge

Technical (≥75%)

Passed by voice vote without opposition 16-Mar 2017, 4:48 pm

IEEE P802.3.2 (IEEE 802.3cf) YANG Data models Task Force – Marek Hajduczenia on behalf of Yan Zhuang

Please see http://ieee802.org/3/minutes/mar17/0317_cf_close_report.pdf.

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

Please see http://ieee802.org/3/minutes/mar17/0317_cg_close_report.pdf.

Mr. Zimmerman reviewed a proposed liaison to TIA TR42. Please see:
http://ieee802.org/3/minutes/mar17/outgoing/IEEE_802d3_to_TIA_TR42_0317_draft.pdf.

Minor changes were made to the draft liaison.

MOTION #14

Move that the IEEE 802.3 Working Group approve:

IEEE_802d3_to_TIA_TR42_0317_draft.pdf

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

M: G. Zimmerman   S: J. Lewis

Technical (≥75%)

Passed by voice vote without opposition 16-Mar 2017, 5:03 pm

Mr. Zimmerman reviewed a proposed liaison response to ISO/IEC SC25 WG3. Please see:
http://ieee802.org/3/minutes/mar17/outgoing/IEEE_802d3_to_ISOIEC_SC25_WG3_0317_draft.pdf.

Minor changes were made to the draft liaison.

MOTION #15

Move that the IEEE 802.3 Working Group approve:

IEEE_802d3_to_ISOIEC_SC25_WG3_0317_draft

with editorial license granted to the Chair (or his appointed agent) as liaison communications from the IEEE 802.3 Working Group to ISO/IEC SC25 WG3.

M: G. Zimmerman   S: J. Lewis

Technical (≥75%)

Passed by voice vote without opposition 16-Mar 2017, 5:06 pm

IEEE 802.3 Multi-Gig Automotive Ethernet PHY Study Group – Steve Carlson

Please see http://ieee802.org/3/minutes/mar17/0317_multi_gig_close_report.pdf.

Mr. Carlson presented the proposed IEEE P802.3ch NGAUTO objectives.

MOTION #16

Move that the IEEE 802.3 Working Group approve the IEEE P802.3ch NGAUTO objectives, as per slides 5 to 8 of 0317_multi_gig_close_report.pdf.

M: N. Wienckowski   S: G. Zimmerman

Technical (≥75%)

Passed by voice vote without opposition 16-Mar 2017, 5:22 pm

Mr. Carlson presented the proposed IEEE P802.3ch NGAUTO PAR.

MOTION #17

Move that the IEEE 802.3 Working Group approve the IEEE P802.3ch NGAUTO PAR, in https://mentor.ieee.org/802-ec/dcn/17/ec-17-0008-03-00EC-ieee-p802-3ch-draft-par.pdf

M: H. Zinner   S: S. Carlson

Technical (≥75%)

Y: 76, N: 1, A: 0

Passed 16-Mar 2017, 5:29 pm

Mr. Carlson presented the proposed IEEE P802.3ch NGAUTO CSD responses.

MOTION #18

Move that the IEEE 802.3 Working Group approve the IEEE P802.3ch NGAUTO CSD "Managed Objects", "Coexistence", "Broad Market Potential", "Compatibility", "Distinct Identity", "Technical Feasibility", and "Economic Feasibility" responses, as per 0317_multi_gig_close_report.pdf.

M: N. Wienckowski   S: O. Grau

Technical (≥75%)

Y: 73, N: 0, A: 0

Passed 16-Mar 2017, 5:38 pm

MOTION #19

Move that the IEEE 802.3 Working Group request the re-chartering of the IEEE 802.3 Multi-Gig Automotive Ethernet PHY Study Group.

M: S. Carlson on behalf of the Study Group

Procedural (>50%)

Y: 75, N: 0, A: 2

Passed by voice vote without opposition 16-Mar 2017, 5:43 pm

Mr. Law announced that should the Task Force be approved, he will appoint Mr. Carlson 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/mar17/0317_NEA_close_report.pdf.

OTHER BUSINESS

No further business was discussed.

ADJOURN

MOTION #20

Move to adjourn.

M: J. D'Ambrosia   S: D. Remein

Procedural (> 50%)

Passed by voice vote without opposition 16-Mar 2017, 5:48 pm

Adjourned.

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

http://ieee802.org/3/minutes/mar17/0317_attendance_vancouver.pdf

The next meeting of the IEEE 802.3 Working Group will be on Thursday 25th May 2017, at the InterContinental Hotel, New Orleans, LA, USA.