Approved Minutes
IEEE 802.3 Ethernet Working Group PLENARY
Caribe Royale, Orlando, FL
March 18-21, 2013
http://www.ieee802.org/3/minutes/mar13/index.html

MONDAY, March 18, 2013

ADMINISTRATIVE MATTERS

Call to order
Mr. David Law, Chair of the IEEE 802.3 Ethernet Working Group, called the meeting to order at 1:02 pm.

Welcome, introductions, and general announcements
Mr. Law introduced the officers of the IEEE 802.3 Working Group.

IEEE 802.3 Chair: David Law
IEEE 802.3 Vice Chair: Wael William Diab
IEEE 802.3 Secretary: Adam Healey
IEEE 802.3 Executive Secretary: Steve Carlson
IEEE 802.3 Treasurer: Valerie Maguire

IEEE 802.3 Task Force chairs
- IEEE P802.3.1 (IEEE 802.3.1a) Ethernet MIBs (revision): Howard Frazier
- IEEE P802.3bj 100 Gb/s Backplane and Copper: John D'Ambrosia
- IEEE P802.3bk Extended Ethernet Passive Optical Network: Marek Hajduczenia
- IEEE P802.3bm 40Gb/s and 100 Gb/s Optical Ethernet: Dan Dove
- IEEE P802.3bn EPON Protocol over a Coax (EPoC): Mark Laubach
- IEEE P802.3bp Reduced Twisted Pair 1 Gb/s Ethernet (RTPGE): Steve Carlson

IEEE 802.3 Study Group chairs
- IEEE 802.3 Next Generation BASE-T: Bill Woodruff
- IEEE 802.3 Distinguished Minimum Latency Traffic (DMLT): Ludwig Winkel

Mr. Law asked the attendees to introduce themselves and announce their affiliation.

Working Group Decorum
Mr. Law introduced the Working Group decorum as described in his opening report.
Please see http://www.ieee802.org/3/minutes/mar13/0313_802_3_opening_plenary.pdf.

Mr. Law asked if anyone was attending from the press including those who would run a public blog on this meeting. Mr. D'Ambrosia and Mr. Booth both noted that they would be generally reporting on the results of the meeting and not a blow-by-blow account of the discussion.

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

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

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

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

Mr. Law asked if there were any additions to the draft agenda. None responded. Mr. Law noted that Ms. Maguire requested that the two liaison letters from TIA be considered after the TIA TR-42 liaison report.

MOTION #1

Approve the agenda.

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

Passed by voice vote without opposition 18-March-2013 1:16 pm

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Approval of November 2012 minutes
Please see http://www.ieee802.org/3/minutes/nov12/minutes_1112.pdf.

Mr. Law asked if there were any additions or corrections to the November 2012 minutes. None responded. Mr. Law noted that the minutes were posted February 2, 2013.

MOTION #2

Approve November 2012 Plenary Meeting minutes.

M: S. Trowbridge
S: P. Anslow

Passed by voice vote without opposition 18-March-2013 1:17 pm

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Call for patents
Please see
https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.pdf.

Mr. Law reviewed the patent policy with the Working Group.

Mr. Law asked if anyone had or was aware of any essential IP or had a letter of assurance, and no one came forth. Mr. Law asked that Mr. Healey record that:

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

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

Please also see http://www.ieee802.org/3/minutes/mar13/0313_802_3_opening_plenary.pdf.

General Working Group business

Published Standards
Mr. Law discussed the latest IEEE 802.3 standards and drafts. Mr. Law noted the Get IEEE 802 URL. Mr. Law listed the current documents for this meeting, including the current revision.

IEEE Std 802.3™-2012 (30 Aug 12 / 28 Dec 12)
IEEE Std 802.3.1™-2011 (16 May 11 / 5 Jul 11)*

* Available through Get IEEE 802 http://standards.ieee.org/getieee802/802.3.html

Note 1: Dates are Approval date / Publication date

Working Group activities since the November 2012 meeting
Please see http://www.ieee802.org/3/minutes/mar13/0313_802_3_opening_plenary.pdf.

21st through 25th January 2013 Phoenix, AZ, USA
- IEEE 802.3 Maintenance Task Force
- IEEE P802.3.1 (IEEE 802.3.1a) Ethernet MIBs Task Force
- IEEE P802.3bj 100 Gb/s Backplane and Copper Task Force
- IEEE P802.3bk Extended EPON Task Force
- IEEE P802.3bm 40Gb/s and 100 Gb/s Optical Ethernet Task Force
- IEEE P802.3bn EPON Protocol over a Coax Task Force
- IEEE P802.3bp Reduced Twisted Pair Gigabit Ethernet Task Force
- IEEE 802.3 Next Generation BASE-T Study Group
- IEEE 802.3 Distinguished Minimum Latency Traffic Study Group
- IEEE 802.3 Industry Connections Higher Speed Ethernet Ad Hoc

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

<u>IEEE 802.3 Ballots since the Last Plenary</u>
Mr. Law noted the IEEE 802.3 ballots since the last meeting. Below is a summary of the ballots and ballot invitations that Mr. Law showed and they can be found in opening slides.

Working Group Ballots:
– IEEE P802.3bk initial
– IEEE P802.3bk 1st recirculation

Sponsor Ballots:
– IEEE P802.3.1 (IEEE 802.3.1a) initial
– IEEE P802.3.1 (IEEE 802.3.1a) 1st recirculation

Sponsor Ballots group formations
– IEEE P802.3bk

Please see http://www.ieee802.org/3/minutes/mar13/0313_802_3_opening_plenary.pdf.

<u>Documents</u>
Mr. Law went over the current WG documents for this meeting's business.

IEEE P802.3.1 (IEEE 802.3.1a) Ethernet MIBs (revision)
– IEEE P802.3.1/D2.1 (1st Sponsor recirculation ballot) and ballot comments

IEEE P802.3bk Extended EPON Task Force
– IEEE P802.3bk/D2.1 (1st Working Group recirculation ballot) and ballot comments

IEEE P802.3bj 100 Gb/s Backplane and Copper Cable Task Force
– IEEE P802.3bj/D1.4 (Working Group preview)

IEEE P802.3bm 40 Gb/s and 100 Gb/s Operation Over Fiber Optic Cables Task Force
– IEEE P802.3bm Amendment: Physical Layer Specifications and Management Parameters for 40 Gb/s and 100 Gb/s Operation Over Fiber Optic Cables draft PAR modification and updated 5C

IEEE 802.3 Next Generation BASE-T Study Group
– IEEE P802.3bp Amendment: Physical Layer and Management Parameters for 40 Gb/s Operation, Type 40GBASE-T draft PAR and 5C

Please see http://www.ieee802.org/3/minutes/mar13/0313_802_3_opening_plenary.pdf.

<u>Attendance procedures, tool, books and address/e-mail list maintenance</u>
Mr. Law explained the membership requirements (gaining and retaining)
• 75% attendance at 2 of last 4 plenary meetings (a qualifying interim may be substituted for one plenary)
• Request to become member during IEEE 802.3 potential voter agenda item

- Maintain valid contact information
- Participate in 2 of last 3 WG ballots

Please see http://ieee802.org/3/rules/index.html for complete information.

Mr. Law emphasized that declaration of affiliation is a requirement to obtain credit for meeting attendance.

Mr. Law stated that the IEEE 802.3 Working Group will record meeting attendance using the IEEE-SA Meeting Attendance Tool.

Mr. Healey reminded participants that, to use the tool, one must have an IEEE Web Account. Mr. Healey presented a tutorial on how to acquire an IEEE Web Account and how to use the IEEE-SA Meeting Attendance tool.

Please see http://ieee802.org/3/minutes/mar13/0313_imat.pdf.

Mr. Healey reminded participants to verify that the contact information in their IEEE Web Account current and correct. To maintain voting status, contact information must be up-to-date.

Mr. Healey also reminded participants of the requirement to declare affiliation for this meeting and that this requirement is enforced by the meeting attendance tool.

Reflectors and WG information
Mr. Law reviewed the reflector policy, the process for subscribing and unsubscribing to the reflector, and the web site.

Please see http://www.ieee802.org/3/minutes/mar13/0313_802_3_opening_plenary.pdf.

Review of voting membership
Please see http://www.ieee802.org/3/minutes/mar13/0313_voters.pdf.

Review of voters in peril
Please see http://www.ieee802.org/3/minutes/mar13/0313_peril.pdf.

Request for membership
Please see http://www.ieee802.org/3/minutes/mar13/0313_potential.pdf.

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

Abughazaleh, Shadi
Casher, Patrick
Chang, Xin
Cibula, Peter
Darshan, Yair
Delveaux, William

Jones, Chad
Keeley, James
Kelsen, Michael
Nakamoto, Edward
Nielsen, Allan
Rajkotia, Purva
Staniec, Thomas
Takahata, Kiyoto
Toyoda, Hidehiro
VLASOV, YURII

IEEE 802.3 Treasurer's report – Valerie Maguire
Please see http://ieee802.org/3/minutes/mar13/0313_treasury.pdf.

Standards Board report (December and March meetings)
Please see http://www.ieee802.org/3/minutes/mar13/0313_802_3_opening_plenary.pdf.

LMSC Executive Committee report
Please see http://www.ieee802.org/3/minutes/mar13/0313_802_3_opening_plenary.pdf.

EC Meetings for the week
Mr. Law reviewed the schedule of EC meetings for the March 2013 plenary week.

Please see http://www.ieee802.org/3/minutes/mar13/0313_802_3_opening_plenary.pdf.

There was some discussion regarding ambiguity in the scope of the OmniRAN Executive Committee Study Group.

Other 802 PARs under consideration this week (comments due by 17:00 Tuesday)
Please see http://www.ieee802.org/3/minutes/mar13/0313_agenda_open.pdf.

Amendment PARs
- IEEE P802.1Qcb - amendment for Frame Replication and Elimination for Reliability - PAR and 5C

PAR Modifications
- IEEE P02 - Standard for Local and Metropolitan Area Networks: Overview and Architecture - PAR modification request
- IEEE P802.15.4p - PAR modification request

PAR Extension
- IEEE P802.21c - PAR Extension

Maintenance PARs
- IEEE P802.1Qac – VLAN Bridging Maintenance PAR

Mr. Law asked if anyone wished to chair an ad hoc to review the PARs and submit comments on behalf of the Working Group. No one responded.

Liaison Reports

<u>External Liaison reports</u>

ISO/IEC SC25/WG3 report – Alan Flatman
Please see http://www.ieee802.org/3/minutes/mar13/0313_sc25_wg3_liaison.pdf.

Mr. Law asked if anyone objected to a modification to the agenda to consider the external liaison letter from ISO/IEC at this time. None responded.

ISO/IEC JTC1 SC25 WG3: ISO/IEC PDTR 11801-99-1 for 40 Gb/s cabling – Alan Flatman
Mr. Law assigned consideration of the liaison letter to the IEEE 802.3 Next-Generation BASE-T Study Group and requested they return with recommended actions for consideration at the closing plenary meeting.

Break at approximately 2:58 pm. Restarted at approximately 3:19 pm.

TIA TR-42 report – Valerie Maguire
Please see http://www.ieee802.org/3/minutes/mar13/0313_tia_tr42_liaison.pdf.

Mr. Law asked if anyone objected to a modification to the agenda to consider the external liaison letters from TIA TR-42 at this time. None responded.

TIA: TR-42: Link length survey results
TIA: TR-42: Category 8 Cabling specification
Mr. Law assigned the consideration of these liaison letters to the IEEE 802.3 Next-Generation BASE-T Study Group and requested they return with recommended actions for consideration at the closing plenary meeting.

<u>External Liaison letters (old)</u>

ITU-T SG15: ANT Standardization Work Plan – Steve Trowbridge
Mr. Law appointed Mr. Hajduczenia to chair an ad hoc to consider this liaison letter and recommend actions at the closing plenary meeting.

ITU-T SG15: OTNT Standardization Work Plan – Steve Trowbridge
Mr. Law appointed Mr. Trowbridge to chair an ad hoc to consider this liaison letter and recommend actions at the closing plenary meeting.

External Liaison letters (new)

ETS: Ethernet 40th Anniversary award to IEEE 802.3 Working Group letter
Mr. Law assigned the consideration of this liaison letter to the IEEE 802.3 Maintenance
Task Force and requested they return with recommended actions for consideration at the
closing plenary meeting.

ITU-T SG5: Ethernet port isolation liaison letter
Mr. Law appointed Mr. Carlson to chair an ad hoc to consider this liaison letter and
recommend actions at the closing plenary meeting.

ITU-T SG9: High performance network over coax liaison letter
Mr. Law assigned the consideration of this liaison letter to the IEEE P802.3bn Task Force
and requested they return with recommended actions for consideration at the closing
plenary meeting.

OIF: Multi-link Gearbox (MLG) 2.0 Project – Steve Trowbridge
Mr. Trowbridge reviewed the content of the letter. Mr. Law appointed Mr. Trowbridge
draft a response for consideration at the closing plenary meeting.

External Liaison letters (information item)

OIF: CEI-28G-VSR and CEI-28G-MR Projects
This liaison letter was directed to the IEEE P802.3bm Task Force and requires no action
by the Working Group.

STATE OF THE STANDARD
Please see http://ieee802.org/3/minutes/mar13/0313_state_of_std.pdf.

IEEE 802.3 Maintenance – Wael Diab
Please see http://ieee802.org/3/minutes/mar13/0313_maint_open_report.pdf.

Mr. Law recognized Mr. Diab for his contributions to the development of the revision
IEEE 802.3-2012. Mr. Law also recognized the efforts Michelle Turner and the IEEE-SA
editorial staff.

Mr. Diab recognized Mr. Pete Anslow, Mr. Hajduczenia, Ms. Maguire, and many others
for their contributions to the revision project.

TASK FORCE AND STUDY GROUP REPORTS

IEEE P802.3.1 (IEEE 802.3.1a) Ethernet MIBs (revision) Task Force – Howard Frazier
Please see http://ieee802.org/3/minutes/mar13/0313_1a_open_report.pdf.

Mr. Law asked if anyone objected to a modification of the agenda to consider the item
"SGIP Catalogue of Standard Information Form (SIF) for IEEE Std 802.3" and move the

IEEE P802.3bj Task Force report to precede the Higher Speed Ethernet consensus industry connection activity report. None responded.

SGIP Catalogue of Standard Information Form (SIF) for IEEE Std 802.3 – Bob Grow
Mr. Law appointed Mr. Grow to chair an ad hoc to review the SGIP form so that it can be considered for approval at the closing plenary meeting.

IEEE P802.3bk Extended EPON Task Force – Marek Hajduczenia
Please see http://ieee802.org/3/minutes/mar13/0313_bk_open_report.pdf.

IEEE 802.3bm 40 Gb/s and 100 Gb/s Optical Ethernet Task Force – Dan Dove
Please see http://ieee802.org/3/minutes/mar13/0313_bm_open_report.pdf.

IEEE 802.3bn EPON Protocol over a Coax (EPoC) PHY Task Force – Mark Laubach
Please see http://ieee802.org/3/minutes/mar13/0313_bn_open_report.pdf.

IEEE 802.3bp Reduced Twisted Pair 1 Gb/s Ethernet Study Group – Steve Carlson
Please see http://ieee802.org/3/minutes/mar13/0313_bp_open_report.pdf.

IEEE 802.3 Next Generation BASE-T Study Group – Bill Woodruff
Please see http://ieee802.org/3/minutes/mar13/0313_ngbaset_open_report.pdf.

IEEE 802.3 Distinguished Minimum Latency Traffic Study Group – Ludwig Winkel
Please see http://ieee802.org/3/minutes/mar13/0313_dmlt_open_report.pdf.

IEEE P802.3bj 100 Gb/s Backplane and Copper Task Force – John D'Ambrosia
Please see http://ieee802.org/3/minutes/mar13/0313_bj_open_report.pdf.

IEEE 802.3 Higher Speed Ethernet consensus industry connection activity – John D'Ambrosia
Please see http://ieee802.org/3/minutes/mar13/0313_hseic_open_report.pdf.

CALL FOR INTEREST

400 Gb/s Ethernet opening report – John D'Ambrosia
Please see http://ieee802.org/3/minutes/mar13/0313_400g_open_report.pdf.

4-Pair Power over Ethernet – Koussalya Balasubramanian
Please see http://ieee802.org/3/minutes/mar13/0313_4ppoe_open_report.pdf.

FUTURE MEETINGS, ROOM ASSIGNMENTS, AND SUBGROUP SCHEDULES
Mr. Carlson reviewed the future meeting plan. Please see
http://ieee802.org/3/minutes/mar13/0313_meetings_open.pdf.

Mr. Palkert presented a proposal for a January 2014 IEEE 802.3 interim session in Indian Wells, CA hosted by Xilinx. Please see http://www.ieee802.org/3/minutes/mar13/0313_jan14_interim_proposal_xilinx.pdf.

Please see http://ieee802.org/3/minutes/mar13/0313_rooms.pdf for room assignments.

ADJOURN

No other items of business were presented.

<div align="center">Adjourned.</div>

THURSDAY, March 21, 2013

ADMINISTRATIVE MATTERS

Call to order
Mr. David Law, Chair of the IEEE 802.3 Ethernet Working Group, called the meeting to order at 1:00 pm.

Welcome, introductions, and general announcements
Mr. Law introduced the officers of the IEEE 802.3 Working Group.

IEEE 802.3 Chair: David Law
IEEE 802.3 Vice Chair: Wael William Diab
IEEE 802.3 Secretary: Adam Healey
IEEE 802.3 Executive Secretary: Steve Carlson
IEEE 802.3 Treasurer: Valerie Maguire

IEEE 802.3 Task Force chairs
- IEEE P802.3.1 (IEEE 802.3.1a) Ethernet MIBs (revision): Howard Frazier
- IEEE P802.3bj 100 Gb/s Backplane and Copper: John D'Ambrosia
- IEEE P802.3bk Extended Ethernet Passive Optical Network: Marek Hajduczenia
- IEEE P802.3bm 40Gb/s and 100 Gb/s Optical Ethernet: Dan Dove
- IEEE P802.3bn EPON Protocol over a Coax (EPoC): Mark Laubach
- IEEE P802.3bp Reduced Twisted Pair 1 Gb/s Ethernet (RTPGE): Steve Carlson

IEEE 802.3 Study Group chairs
- IEEE 802.3 Next Generation BASE-T: Bill Woodruff
- IEEE 802.3 Distinguished Minimum Latency Traffic (DMLT): Ludwig Winkel

Mr. Law asked the attendees to introduce themselves and announce their affiliation.

Working Group Decorum
Mr. Law also introduced the Working Group decorum as described in his closing report.
Please see http://www.ieee802.org/3/minutes/mar13/0313_802_3_close_plenary.pdf.

Mr. Law asked if anyone was attending from the press including those who would run a public blog on this meeting. Mr. D'Ambrosia noted that he would be generally reporting on the results of the meeting and not a blow-by-blow account of the discussion.

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.

Approval of the Agenda

Mr. Law asked if there were any additions to the draft agenda. None responded.

MOTION #1

Motion to approve the agenda.

M: S. Trowbridge
S: B. Grow

Passed by voice vote without opposition 21-March-2013 1:15 pm

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Call for patents
Please see
https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.pdf.

Mr. Law asked if anyone had not seen the patent slides during the meeting week. None responded.

Mr. Law asked if anyone had or was aware of any essential IP or had a letter of assurance, and no one came forth. Mr. Law asked that Mr. Healey record that:
- No letters of assurance were submitted
- Anyone wishing to submit a letter of assurance can do so at any time by contacting Mr. Law or the PatCom administrator

Mr. Law reminded the group of inappropriate topics that should not be discussed. These included territory, market share, price, ongoing litigation, threatened litigation, etc. and read the slides. Please see
http://www.ieee802.org/3/minutes/mar13/0313_802_3_close_plenary.pdf.

General WG business

Membership and Attendance
Mr. Law reminded participants that attendance is being recorded by the IEEE-SA Meeting Attendance tool. Mr. Law noted that attendance must be logged for the afternoon closing plenary session to get credit for the Thursday meeting

Review of voting membership
Please see http://www.ieee802.org/3/minutes/mar13/0313_voters.pdf.

Review of voters in peril
Please see http://www.ieee802.org/3/minutes/mar13/0313_peril.pdf.

Request for membership
Please see http://www.ieee802.org/3/minutes/mar13/0313_potential.pdf.

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

Dickinson, John
Iwaoka, Mitsuru
Liu, Zhenyu
MALKIMAN, YONATAN
Rimboim, Poldi (Pavlick)
Sayre, Edward
Shen, Bazhong
Tanaka, Toshiki
wu, guangsheng
Wu, Peter

Reflectors and WG information
Mr. Law reviewed the reflector policy, the process for subscribing and unsubscribing to the reflector, and the web site.

Please see http://www.ieee802.org/3/minutes/mar13/0313_802_3_close_plenary.pdf.

LMSC Executive Committee items
Please see http://www.ieee802.org/3/minutes/mar13/0313_802_3_close_plenary.pdf.

Mr. D'Ambrosia discussed the modifications to the 5 Criteria being proposed to the EC. It was noted that no action is expected to be taken by the EC at this meeting as discussion of the proposed modifications is on-going. It was also noted that process changes were proposed that would more rigorously tie the 5 Criteria, or its successor, to a project throughout the life of the project.

Mr. Law asked Mr. Grow to provide an update on the proceedings of the IEEE 802 Task Force. Please see http://www.ieee802.org/3/minutes/mar13/802_tf_report.pdf

SGIP Catalogue of Standard Information Form (SIF) for IEEE Std 802.3 – Bob Grow
Mr. Grow reviewed the SGIP form prepared by the 802.3 Smart Grid ad hoc. Please see http://www.ieee802.org/3/minutes/SmartGridStandardsInformationTemplate_IEEE802d3.pdf.

MOTION #2

Move that the SGIP Catalog of Standards Standards Information Form (SIF) prepared by the 802.3 Smart Grid ad hoc be submitted to IEEE 802.24 for harmonization with other IEEE 802 submittals.

M: B. Grow
S: W. Diab

Technical ($\geq$ 75%)
Y: 87, N: 0, A: 9

Passed 21-March-2013 1:56 pm

External liaison letters

ETS: Ethernet 40th Anniversary award to IEEE 802.3 Working Group letter – Wael Diab

Mr. Diab reviewed the contents of the response to ETS.

MOTION #3

Move that the IEEE 802.3 Working Group approve the liaison letter ETS_response.pdf with editorial license granted to the IEEE 802.3 Working Group Chair or his designated agent.

M: W. Diab
S: J. D'Ambrosia

Procedural (> 50%)

Passed by voice vote without opposition 21-March-2013 2:02 pm

ITU-T SG5: Ethernet port isolation liaison letter – Steve Carlson
Mr. Carlson reviewed the contents of the proposed liaison response to ITU-T SG5. Mr. Trowbridge offered an update to the list of addressees.

ITU-T SG9: High performance network over coax liaison letter – Mark Laubach
Mr. Laubach reviewed the contents of the proposed liaison response to ITU-T SG9. Mr. Trowbridge offered an update to the list of addressees.

ITU-T SG15: ANT Standardization Work Plan liaison letter – Mr. Hajduczenia
Mr. Hajduczenia reviewed the contents of the proposed liaison response to ITU-T SG15.

ITU-T SG15: OTNT Standardization Work Plan liaison letter – Steve Trowbridge
Mr. Trowbridge reviewed the contents of the proposed liaison response to ITU-T SG15.

MOTION #4

Move that 802.3 approve the text in "carlson_01_0313.pdf", "laubach_3bn_02_0313.pdf", "IEEE_802d3_to_SG15_ANT_0313_R01.pdf", and "trowbridge_01_1303.pdf", with editorial license granted to the Chair (or his appointed agent) as liaison communications from the 802.3 working group to ITU-T.

M: S. Carlson
S: D. Dwelley

Technical ($\geq$ 75%)
Y: 96, N: 0, A: 3

Passed 21-March-2013 2:28 pm

OIF: Multi-link Gearbox (MLG) 2.0 Project liaison letter – Steve Trowbridge

Mr. Trowbridge reviewed the contents of the proposed liaison response to OIF.

MOTION #5

Move that 802.3 approve the text in trowbridge_02_1303.pdf, with editorial license granted to the Chair (or his appointed agent) as a liaison communication from the 802.3 working group to the Optical Internetworking Forum (OIF).

M: S. Trowbridge
S: P. Anslow

Procedural (> 50%)

Passed by voice vote without opposition 21-March-2013 2:31 pm

ISO/IEC JTC1 SC25 WG3: ISO/IEC PDTR 11801-99-1 for 40 Gb/s cabling liaison letter
TIA: TR-42 to IEEE 802.3 regarding link length survey results liaison letter
TIA: TR-42 to IEEE 802.3 regarding Category 8 Cabling specification liaison letter
Mr. Law asked if anyone objected to the agenda being modified to consider these letters as part of the NGBASE-T Study Group report. None responded.

IEEE P1904.1: Update on IEEE P1904.1 SIEPON project
Mr. Law observed that this is an information item and did not require a response.

Future meetings – Steve Carlson

MOTION #6

Accept the hosting offer detailed in
http://grouper.ieee.org/groups/802/3/minutes/mar13/0313_jan14_interim_proposal_xilinx.pdf for an 802.3 interim in Indian Wells, CA the week of 20 January 2014.

M: J. D'Ambrosia
S: H. Barrass

Procedural (> 50%)

Passed by voice vote without opposition 21-March-2013 2:43 pm

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REPORTS

IEEE 802.3 Maintenance – Wael Diab
Please see http://www.ieee802.org/3/minutes/mar13/0313_maint_close_report.pdf.

Break at approximately 2:51 pm. Restarted at approximately 3:10 pm.

IEEE P802.3.1 (IEEE 802.3.1a) Ethernet MIBs (revision) Task Force – Howard Frazier
Please see http://ieee802.org/3/minutes/mar13/0313_1a_close_report.pdf.

MOTION #7

Grant conditional approval to submit IEEE Draft P802.3.1a to RevCom upon successful completion of the sponsor recirculation ballot process.

M: H. Frazier on behalf of the IEEE 802.3.1 Task Force

Technical (> 75%)
Y: 63, N: 0, A: 1

Passed 21-March-2013 3:15 pm

Mr. Law stated that the agenda item "Submission of IEEE Std 802.3-2012 for adoption by ISO/IEC JTC1 SC6" is time specific (3:30 pm) so he asked if there was any objection to consider the IEEE P802.3bj Task Force at this time. None responded.

IEEE P802.3bj 100 Gb/s Backplane and Copper Task Force – John D'Ambrosia
Please see http://ieee802.org/3/minutes/mar13/0313_bj_close_report.pdf.

MOTION #8

Request 802.3 WG Chair to conduct 802.3 Working Group ballot on P802.3bj draft D2.0.

M: J. D'Ambrosia on behalf of the Task Force

Technical ($\geq$ 75%)
Y: 103, N: 0, A: 1

Passed 21-March-2013 3:29 pm

Submission of IEEE Std 802.3-2012 for adoption by ISO/IEC JTC1 SC6 (Time specific 3:30 pm) – Wael Diab

There was discussion of the process for, and potential benefits of, submitting of drafts to ISO/IEC/JTC 1/SC6. There was a discussion as to whether or not the process was binding in terms of its applicability to new projects / revisions and at what point the working group starts the process (WG/SA/after publication). It was affirmed that the current proposed process is not binding and those decisions are up to the Working Group.

MOTION #9

Move to submit IEEE Std 802.3-2012 to ISO/IEC JTC 1/SC 6 for adoption as ISO/IEC/IEEE 8802-3.

M: W. Diab on behalf of the Maintenance Task Force

Technical ($\geq$ 75%)
Y: 97, N: 0, A: 0

Passed 21-March-2013 3:46 pm

IEEE P802.3bk Extended EPON Task Force – Marek Hajduczenia
Please see http://ieee802.org/3/minutes/mar13/0313_bk_close_report.pdf.

MOTION #10

Request the IEEE 802.3 Working Group Chair to seek the 802 EC to initiate Sponsor
Ballot on IEEE P802.3bk draft D3.0.

M: M. Hajduczenia
S: W. Diab

Technical (> 75%)
Y: 88, N: 0, A: 0

Passed 21-March-2013 3:52 pm

IEEE P802.3bm 40 Gb/s and 100 Gb/s Optical Ethernet Task Force – Dan Dove
Please see http://ieee802.org/3/minutes/mar13/0313_bm_close_report.pdf.

Mr. Dove presented the responses to comments received against the proposed PAR
revision and the modified PAR.

MOTION #11

Move that the 802.3 Working Group approve the amended P802.3bm PAR
http://www.ieee802.org/3/bm/P802_3bm_PAR_0313.pdf

M: D. Dove
S: P. Anslow

Technical (> 75%)
Y: 103, N: 0, A: 1

Passed 21-March-2013 4:03 pm

IEEE P802.3bn EPON Protocol over a Coax (EPoC) PHY Task Force – Mark Laubach
Please see http://ieee802.org/3/minutes/mar13/0313_bn_close_report.pdf.

IEEE P802.3bp Reduced Twisted Pair 1 Gb/s Ethernet Task Force – Steve Carlson
Please see http://ieee802.org/3/minutes/mar13/0313_bp_close_report.pdf.

IEEE 802.3 Next Generation BASE-T Study Group – Bill Woodruff
Please see http://ieee802.org/3/minutes/mar13/0313_ngbaset_close_report.pdf.

Mr. Woodruff noted that it was not necessary to respond to the ISO/IEC liaison at this meeting since the group does not meet until after the May 2013 interim meeting and the most up-to-date information should be shared.

Mr. Woodruff presented the contents of the liaison response to TIA.

MOTION #12

Move that IEEE 802.3 approve the text in ngbt_tia_liaison_response_03132.pdf, with editorial license granted to the Chair (or his appointed agent), as a liaison communication from the IEEE 802.3 Working Group to TIA.

M: B. Woodruff on behalf of the SG

Technical ($\geq$ 75%)

Passed by voice vote without opposition 21-March-2013 4:40 pm

Mr. Woodruff presented the project objectives.

MOTION #13

Approve the IEEE P802.3bq 40GBASE-T Project Objectives.

M: B. Woodruff
S: D. Chalupsky

Technical ($\geq$ 75%)
Y: 96, N: 0, A: 0

Passed 21-March-2013 4:43 pm

Mr. Woodruff presented to the response to the Broad Market Potential criterion.

MOTION #14

Approve the IEEE P802.3bq 40GBASE-T response to the Broad Market Potential criterion.

M: B. Woodruff
S: D. Chalupsky

Technical ($\geq$ 75%)
Y: 92, N: 0, A: 1

Passed 21-March-2013 4:45 pm

Mr. Woodruff presented to the response to the Compatibility criterion.

MOTION #15

Approve the IEEE P802.3bq 40GBASE-T response to the Compatibility criterion.

M: B. Woodruff
S: D. Chalupsky

Technical (≥ 75%)
Y: 94, N: 0, A: 0

Passed 21-March-2013 4:46 pm

Mr. Woodruff presented to the response to the Distinct Identity criterion.

MOTION #16

Approve the IEEE P802.3bq 40GBASE-T response to the Distinct Identity criterion.

M: B. Woodruff
S: D. Chalupsky

Technical (≥ 75%)
Y: 90, N: 1, A: 0

Passed 21-March-2013 4:48 pm

Mr. Woodruff presented to the response to the Technical Feasibility criterion.

MOTION #17

Approve the IEEE P802.3bq 40GBASE-T response to the Technical Feasibility criterion.

M: B. Woodruff
S: D. Chalupsky

Technical (≥ 75%)
Y: 91, N: 1, A: 1

Passed 21-March-2013 4:49 pm

Mr. Woodruff presented to the response to the Economic Feasibility criterion.

MOTION #18

Approve the IEEE P802.3bq 40GBASE-T response to the Economic Feasibility criterion.

M: B. Woodruff
S: D. Chalupsky

Technical ($\geq$ 75%)
Y: 92, N: 1, A: 1

Passed 21-March-2013 4:51 pm

Mr. Woodruff presented the PAR.

MOTION #19

Approve the IEEE P802.3bq 40GBASE-T PAR.

M: B. Woodruff
S: D. Chalupsky

Technical ($\geq$ 75%)
Y: 93, N: 0, A: 1

Passed 21-March-2013 4:52 pm

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

MOTION #20

Move that IEEE 802.3 extend the Next Generation BASE-T Study Group.

M: B. Woodruff on behalf of the SG

($>$ 50%)
Y: 93, N: 0, A: 0

Passed 21-March-2013 4:55 pm

Mr. Law announced his intent to appoint Mr. David Chalupsky as chair of the IEEE P802.3bq Task Force should it be approved.

IEEE 802.3 Distinguished Minimum Latency Traffic Study Group – Ludwig Winkel
Please see http://ieee802.org/3/minutes/mar13/0313_dmlt_close_report.pdf.

There was some discussion of the objectives adopted by the Study Group.

MOTION #21

Move that IEEE 802.3 WG requests to the EC that they extend the Distinguished
Minimum Latency Traffic in a Converged Traffic Environment Study Group.

M: L. Winkel
S: D. Beaudoin

($> 50\%$)
Y: 71, N: 0, A: 4

Passed 21-March-2013 5:09 pm

CALL FOR INTEREST

400 Gb/s Ethernet opening report – John D'Ambrosia
Please see http://ieee802.org/3/minutes/mar13/0313_400g_close_report.pdf.

MOTION #22

Move the IEEE 802.3 Working Group authorizes the formation of a study group for "400
Gb/s Ethernet."

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

($> 50\%$)
Y: 87, N: 0, A: 4

Passed 21-March-2013 5:26 pm

MOTION #23

Move the IEEE 802.3 Working Group request the IEEE 802 EC to request that the Industry Connections "Higher Speed Ethernet Consensus Activity" be disbanded contingent on the approval of the 400 Gb/s Ethernet Study Group.

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

(> 50%)
Y: 91, N: 0, A: 0

Passed 21-March-2013 5:30 pm

Mr. Law announced that, should the Study Group be approved, he will appoint Mr. D'Ambrosia to be chair of the Study Group Group and this appointment is to be confirmed by Study Group at the May 2013 interim meeting. Should this appointment be confirmed, Mr. D'Ambrosia will step down as chair of the IEEE P802.3bj Task Force and Mr. Law announced that he will appoint Mr. Healey to be the chair of the IEEE P802.3bj Task Force.

4-Pair Power over Ethernet – Koussalya Balasubramanian
Please see http://ieee802.org/3/minutes/mar13/0313_4ppoe_close_report.pdf.

MOTION #24

Request that IEEE 802.3 WG form a study group to develop a PAR and 5 Criteria for:
4-pair Power Over Ethernet

M: C. Jones
S: K. Balasubramanian

(> 50%)
Y: 85, N: 0, A: 1

Passed 21-March-2013 5:37 pm

Mr. Law announced that, should the Study Group be approved, he will appoint Mr. Chad Jones to be chair of the Study Group and this appointment is to be confirmed by Study Group at the May 2013 interim meeting.

OTHER BUSINESS

Mr. Law asked if there was any other business. None responded.

ADJOURN

> **MOTION #25**
>
> Motion to adjourn.
>
> M: J. D'Ambrosia
> S: H. Barrass
>
> Procedural (> 50%)
>
> Passed by voice vote without opposition 21-March-2013 5:40 pm

<p align="center">Adjourned.</p>