

**Approved Minutes**  
**IEEE 802.3 Ethernet Working Group plenary**  
**Macau, China**  
**March 14 to 17, 2016**

<http://www.ieee802.org/3/minutes/mar16/index.html>

**MONDAY, 14 MARCH, 2016**

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 10:03 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. This included the following officers of the IEEE 802.3 Working Group:

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 P802.3bp 1000BASE-T1 PHY: Steve Carlson
- IEEE P802.3bp 25G/40GBASE-T: David Chalupsky
- IEEE P802.3br Interspersing Express Traffic: Ludwig Winkel
- IEEE P802.3bs 400 Gb/s Ethernet: John D'Ambrosia
- IEEE P802.3bt DTE Power via MDI over 4-Pair: Chad Jones
- IEEE P802.3bu 1-Pair Power over Data Lines (PoDL): Dan Dove
- IEEE P802.3bv Gigabit Ethernet Over Plastic Optical Fiber: Bob Grow
- IEEE P802.3by 25 Gb/s Ethernet: Mark Nowell
- IEEE P802.3bz 2.5G/5GBASE-T: David Chalupsky
- 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 and Copper Cables: Yong Kim

IEEE 802.3 Study Group chairs

- IEEE 802.3 50Gb/s Ethernet over a Single Lane, Next Gen 100 Gb/s and 200 Gb/s Ethernet: Mark Nowell
- IEEE 802.3 200 Gb/s Ethernet single-mode: Mark Nowell

- IEEE 802.3 25 Gb/s Ethernet PMD(s) for single mode fiber: David Lewis

### **Working Group Decorum**

Mr. Healey introduced the Working Group decorum as described in the opening report. Please see [http://www.ieee802.org/3/minutes/mar16/0316\\_802\\_3\\_opening\\_plenary.pdf](http://www.ieee802.org/3/minutes/mar16/0316_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. 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: S. Trowbridge

S: D. Remein

Procedural (> 50%)

Passed by voice vote without opposition 14-March 2016, 10:15 am

### **Approval of November 2015 and January 2016 minutes**

Please see [http://ieee802.org/3/minutes/nov15/1115\\_minutes.pdf](http://ieee802.org/3/minutes/nov15/1115_minutes.pdf) and [http://ieee802.org/3/minutes/jan16/0116\\_minutes\\_draft.pdf](http://ieee802.org/3/minutes/jan16/0116_minutes_draft.pdf).

Mr. Healey asked if there were any additions or corrections to the November 2015 minutes which were posted on 20 November 2015. Mr. Healey also asked if there were any additions or corrections to the January 2015 minutes which were posted on 1 February 2016.

## **MOTION #2**

Approve November 2015 plenary meeting minutes and the January 2016 interim meeting minutes.

M: S. Carlson

S: B. Booth

Procedural (> 50%)

Passed by voice vote without opposition 14-March 2016, 10:16 am

## **Call for patents**

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

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

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

Mr. Healey asked that Mr. Anslow record that:

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

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

Please also see

[http://www.ieee802.org/3/minutes/mar16/0316\\_802\\_3\\_opening\\_plenary.pdf](http://www.ieee802.org/3/minutes/mar16/0316_802_3_opening_plenary.pdf).

## **General Working Group business**

Working Group activities since the November 2015 meeting

Please see [http://www.ieee802.org/3/minutes/mar16/0316\\_802\\_3\\_opening\\_plenary.pdf](http://www.ieee802.org/3/minutes/mar16/0316_802_3_opening_plenary.pdf).

10th December 2015, Santa Clara, CA, USA

- IEEE P802.3bp 1000BASE-T1 Task Force

10th December 2015, San Francisco, CA, USA

- IEEE P802.3br Interspersing Express Traffic Task Force

11th December 2015, Santa Clara, CA, USA

- IEEE P802.3bq 25G/40GBASE-T Task Force

16th and 17th December 2015, Piscataway, NJ, USA.

- IEEE P802.3bn EPON Protocol over Coax (EPoC) Task Force

18th through 22nd January 2016, Atlanta, GA, USA

- IEEE 802.3 interim meeting series

25th and 26th February 2016, Piscataway, NJ, USA.

- IEEE P802.3bn EPON Protocol over Coax (EPoC) Task Force

25th February 2016, Santa Clara, CA, USA.

- IEEE P802.3bp 1000BASE-T1 Task Force

Mr. Healey expressed his thanks to Marvell, Siemens AG, Intel, IEEE, 802, IEEE, and Marvell for hosting the Santa Clara, San Francisco, Santa Clara, Piscataway, Atlanta, Piscataway, and Santa Clara interim meetings, respectively. There was a round of applause.

#### Attendance procedures, tool, books and address/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
- 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/mar16/0316\\_imat.pdf](http://ieee802.org/3/minutes/mar16/0316_imat.pdf)

#### Review of voting membership

Please see [http://www.ieee802.org/3/minutes/mar16/0316\\_voters.pdf](http://www.ieee802.org/3/minutes/mar16/0316_voters.pdf).

#### Review of voters in peril

Please see [http://www.ieee802.org/3/minutes/mar16/0316\\_peril.pdf](http://www.ieee802.org/3/minutes/mar16/0316_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/mar16/0316\\_potential.pdf](http://www.ieee802.org/3/minutes/mar16/0316_potential.pdf).

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

Dillard, John

McCarthy, Mick

Sakai, Toshiaki

Goetzfried, Volker

Nadolny, James

Salinger, Jorge

Lee, Han Hyub

Picard, Jean

Smith, Daniel

Stover, David

Suzuki, Ken-Ichi

Wang, Haifei

At this point, Mr. Law took over as the chair of the meeting. 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/mar16/0316\\_treasury.pdf](http://ieee802.org/3/minutes/mar16/0316_treasury.pdf).

### **IEEE 802 Executive Committee report**

Please see [http://www.ieee802.org/3/minutes/mar16/0316\\_802\\_3\\_opening\\_plenary.pdf](http://www.ieee802.org/3/minutes/mar16/0316_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/mar16/0316\\_802\\_3\\_opening\\_plenary.pdf](http://www.ieee802.org/3/minutes/mar16/0316_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/mar16/0316\\_agenda\\_open.pdf](http://www.ieee802.org/3/minutes/mar16/0316_agenda_open.pdf).

### New standard PAR

- IEEE 802.15.12 Upper Layer Interface (ULI) for IEEE 802.15.4 Low-Rate Wireless Networks draft [PAR](#) and [CSD](#)

### Amendment project PARs

- IEEE P802.1Qcr Standard for Local and metropolitan area networks--Bridges and Bridged Networks Asynchronous Traffic Shaping draft [PAR](#) and [CSD](#)
- IEEE P802.15.4v Standard for Low-Rate Wireless Personal Area Networks Amendment enabling/updating the use of Regional Sub-GHz bands draft [PAR](#) and [CSD](#)
- IEEE P802.16s Air Interface for Broadband Wireless Access: Amendment Fixed and Mobile Wireless Access in Channel Sizes up to 1.25 MHz draft [PAR](#) 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 noted that he had provided draft comments on some of the proposed PARs in:

[http://www.ieee802.org/3/email\\_dialog/msg00472.html](http://www.ieee802.org/3/email_dialog/msg00472.html)

## **LIAISONS**

### **External Liaison letters (new)**

*ISO/IEC JTC1/SC25/WG3: Liaison on 2.5G/5GBASE-T* [liaison letter](#) and [attachment](#)

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

*ISO/IEC JTC1/SC25/WG3: Liaison on 25GBASE-T* [liaison letter](#) and [attachment](#)

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

*ISO/IEC JTC1/SC25/WG3: Liaison on PoF* [liaison letter](#)

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

*ISO/IEC JTC1/SC25/WG3: Liaison on Remote Powering* [liaison letter](#) and [attachment](#)

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

*ITU-T SG9: Draft new Recommendation ITU-T J.196.1 (J.HiNoC2-req), ITU-T J.195.1 (J.HiNoC-req) and ITU-T J.223.1 (J.C-DOCSIS-req)* [liaison letter](#), attachment [1](#), [2](#) & [3](#)

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

*ITU-T SG15: Access Network Transport (ANT) standardization work plan* [liaison letter](#)

*ITU-T SG15: Home Network Transport (HNT) standardization work plan* [liaison letter](#)

*ITU-T SG15: Optical Transport Networks & Technologies standardization work plan* [liaison letter](#) and [attachment](#)

*ITU-T SG15: Reply on ANT and HNT standardization work plans* [liaison letter](#)

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

*OIF: Flex Ethernet Implementation Agreement* [liaison letter](#) and [attachment](#)

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

*TIA TR42: TR-42 Liaison to IEEE 802 re ANSI/TIA-PN-1005-A-3* [liaison letter](#)

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

### **External Liaison letters (old)**

*ITU-T SG5: ITU Resistibility - Ethernet application testing updates* [liaison letter](#), attachments [1](#), [2](#), & [3](#)

Mr. Law requested Mr. Carlson to lead an Ad Hoc to review the letter and generate a response, if appropriate, for consideration at the closing plenary.

*ITU-T SG15: Timestamping point for multilane Ethernet interfaces* [liaison letter](#)

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

### **External Liaison letters (new, information item)**

*ISO/IEC JTC1/SC25/WG3: Liaison to IEEE 802.11* [liaison letter](#)

Mr. Law noted that this letter was addressed to the 802.11 Working Group and copied to the 802.3 Working Group.

*TIA TR42: TSB-184-A Guidelines for Supporting Power Delivery Over Balanced Twisted-Pair Cabling draft 5.1* [liaison letter](#) and [attachment](#)

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

*TIA TR42: TSB-5021 Guidelines for the Assessment and Mitigation of Installed Cabling to Support 2.5GBASE-T and 5GBASE-T draft 0.6b* [liaison letter](#) and [attachment](#)

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

### **Internal Liaisons**

*IEEE 802* [5G standing committee](#)

Mr. Law requested Mr. Hajduczenia to lead an Ad Hoc to consider an input to the IEEE 802 5G standing committee.

### **External Liaison reports**

*ISO/IEC SC25/WG3 report – Alan Flatman*

Please see

[http://www.ieee802.org/3/minutes/mar16/0316\\_SC25\\_WG3\\_report\\_to\\_802d3.pdf](http://www.ieee802.org/3/minutes/mar16/0316_SC25_WG3_report_to_802d3.pdf).

*TIA TR-42 report – Valerie Maguire*

Please see

[http://www.ieee802.org/3/minutes/mar16/0316\\_TIA\\_TR-42\\_report\\_to\\_802d3.pdf](http://www.ieee802.org/3/minutes/mar16/0316_TIA_TR-42_report_to_802d3.pdf).

### **IEEE 802.3 Rules – Adam Healey**

Please see [http://ieee802.org/3/minutes/mar16/0316\\_rules\\_open\\_report.pdf](http://ieee802.org/3/minutes/mar16/0316_rules_open_report.pdf).

### **IEEE 802.3 Maintenance – Adam Healey**

Please see [http://ieee802.org/3/minutes/mar16/0316\\_maint\\_open\\_report.pdf](http://ieee802.org/3/minutes/mar16/0316_maint_open_report.pdf)

Mr. Healey noted that IEEE Std 802.3-2015 was published on 4 March 2016.

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

[http://ieee802.org/3/minutes/mar16/0316\\_state\\_of\\_std.pdf](http://ieee802.org/3/minutes/mar16/0316_state_of_std.pdf).

## **TASK FORCE AND STUDY GROUP REPORTS**

### **IEEE P802.3bn EPON Protocol over Coax (EPoC) Task Force – Duane Remein on behalf of Mark Laubach**

Please see [http://ieee802.org/3/minutes/mar16/0316\\_bn\\_open\\_report.pdf](http://ieee802.org/3/minutes/mar16/0316_bn_open_report.pdf).

### **IEEE 802.3bp 1000BASE-T1 PHY Task Force – Steve Carlson**

Please see [http://ieee802.org/3/minutes/mar16/0316\\_bp\\_open\\_report.pdf](http://ieee802.org/3/minutes/mar16/0316_bp_open_report.pdf).

### **IEEE P802.3bq 25G/40GBASE-T Task Force – Dave Chalupsky**

Please see [http://ieee802.org/3/minutes/mar16/0316\\_bq\\_open\\_report.pdf](http://ieee802.org/3/minutes/mar16/0316_bq_open_report.pdf).

### **IEEE P802.3br Interspersing Express Traffic Task Force – Ludwig Winkel**

Please see [http://ieee802.org/3/minutes/mar16/0316\\_br\\_open\\_report.pdf](http://ieee802.org/3/minutes/mar16/0316_br_open_report.pdf).

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

Please see [http://ieee802.org/3/minutes/mar16/0316\\_bs\\_open\\_report.pdf](http://ieee802.org/3/minutes/mar16/0316_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/mar16/0316\\_bt\\_open\\_report.pdf](http://ieee802.org/3/minutes/mar16/0316_bt_open_report.pdf).

### **IEEE P802.3bu 1-Pair Power over Data Lines (PoDL) Task Force – Dan Dove**

Please see [http://ieee802.org/3/minutes/mar16/0316\\_bu\\_open\\_report.pdf](http://ieee802.org/3/minutes/mar16/0316_bu_open_report.pdf).

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

Please see [http://ieee802.org/3/minutes/mar16/0316\\_bv\\_open\\_report.pdf](http://ieee802.org/3/minutes/mar16/0316_bv_open_report.pdf).

### **IEEE P802.3by 25 Gb/s Ethernet Task Force – Mark Nowell**

Please see [http://ieee802.org/3/minutes/mar16/0316\\_by\\_open\\_report.pdf](http://ieee802.org/3/minutes/mar16/0316_by_open_report.pdf)

### **IEEE P802.3bz 2.5G/5GBASE-T Task Force – Dave Chalupsky**

Please see [http://ieee802.org/3/minutes/mar16/0316\\_bz\\_open\\_report.pdf](http://ieee802.org/3/minutes/mar16/0316_bz_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/mar16/0316\\_ca\\_open\\_report.pdf](http://ieee802.org/3/minutes/mar16/0316_ca_open_report.pdf)

### **IEEE P802.3cb 2.5Gb/s and 5 Gb/s Backplane and Copper Cables Task Force – Yong Kim**

Please see [http://ieee802.org/3/minutes/mar16/0316\\_cb\\_open\\_report.pdf](http://ieee802.org/3/minutes/mar16/0316_cb_open_report.pdf)



**IEEE 802.3 50Gb/s Ethernet over a Single Lane, Next Gen 100 Gb/s and 200 Gb/s Ethernet Study Group and IEEE 802.3 200 Gb/s Ethernet single-mode Study Group – Mark Nowell**

Please see [http://ieee802.org/3/minutes/mar16/0316\\_50\\_100\\_200\\_open\\_report.pdf](http://ieee802.org/3/minutes/mar16/0316_50_100_200_open_report.pdf)

**IEEE 802.3 25 Gb/s Ethernet PMD(s) for single mode fiber Study Group – David Lewis**

Please see [http://ieee802.org/3/minutes/mar16/0316\\_25G\\_SMF\\_open\\_report.pdf](http://ieee802.org/3/minutes/mar16/0316_25G_SMF_open_report.pdf)

**IEEE 802.3 Next Generation Enterprise/Campus/Data Center Ethernet Industry Connection Ad Hoc – John D’Ambrosia**

Please see [http://ieee802.org/3/minutes/mar16/0316\\_NG\\_ECDC\\_open\\_report.pdf](http://ieee802.org/3/minutes/mar16/0316_NG_ECDC_open_report.pdf)

**CALL FOR INTEREST**

**IEEE 802.3 Ethernet YANG models Call for Interest – Yan Zhuang**

Please see [http://ieee802.org/3/minutes/mar16/0316\\_YANG\\_open\\_report.pdf](http://ieee802.org/3/minutes/mar16/0316_YANG_open_report.pdf)

**ROOM ASSIGNMENTS, AND SUBGROUP SCHEDULES**

Mr. Carlson provided details of the rooms for the Ad Hoc and noted that the room assignments were available via the 802.3 web page.

**ADJOURN**

No other items of business were presented. Meeting adjourned at 12:22 pm.

**Approved Minutes**  
**IEEE 802.3 Ethernet Working Group plenary**  
**Macau, China**  
**March 14 to 17, 2016**

<http://www.ieee802.org/3/minutes/mar16/index.html>

**THURSDAY, 17 MARCH, 2016**

Minutes were taken by 802.3 Recording Secretary Pete Anslow.

**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 showed a list of the officers of the Working Group. Please see [http://www.ieee802.org/3/minutes/mar16/0316\\_802\\_3\\_closing\\_plenary.pdf](http://www.ieee802.org/3/minutes/mar16/0316_802_3_closing_plenary.pdf).

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

**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/mar16/0316\\_802\\_3\\_closing\\_plenary.pdf](http://www.ieee802.org/3/minutes/mar16/0316_802_3_closing_plenary.pdf).

Mr. Law asked if anyone was attending from the press including those who would run a public blog on this meeting. Mr. D'Ambrosia responded that he would be reporting on the meeting in a blog and via the press but this would be limited to summarizing the meeting outcomes. Mr. P. Jones and Mr. D. Chalupsky responded similarly.

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

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

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

**Approval of the Agenda**

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

## **MOTION #1**

Motion to approve the agenda.

M: J. D' Ambrosia

S: B. Grow

Procedural (> 50%)

Passed by voice vote without opposition 17-March 2016, 1:13 pm

## **Call for patents**

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

Mr. Law asked if anyone had not seen the patent slides during the meeting week. No one responded.

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

- No letters of assurance were submitted
- Anyone wishing to submit a letter of assurance can do so at any time by contacting Mr. Law or the PatCom administrator

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

[http://www.ieee802.org/3/minutes/mar16/0316\\_802\\_3\\_closing\\_plenary.pdf](http://www.ieee802.org/3/minutes/mar16/0316_802_3_closing_plenary.pdf).

## **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/mar16/0316\\_voters.pdf](http://www.ieee802.org/3/minutes/mar16/0316_voters.pdf).

### Review of voters in peril

Please see [http://www.ieee802.org/3/minutes/mar16/0316\\_peril.pdf](http://www.ieee802.org/3/minutes/mar16/0316_peril.pdf).

### Request for membership

Please see [http://www.ieee802.org/3/minutes/mar16/0316\\_potential.pdf](http://www.ieee802.org/3/minutes/mar16/0316_potential.pdf).

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

Brown, Alan

Parthasarathy, Vasu

Caggioni, Francesco

Sella, Omer

## **IEEE 802 Executive Committee items**

Please see [http://www.ieee802.org/3/minutes/mar16/0316\\_802\\_3\\_closing\\_plenary.pdf](http://www.ieee802.org/3/minutes/mar16/0316_802_3_closing_plenary.pdf).

Mr. Law reviewed Executive Committee activities during the week.

## **IEEE 802.3 Working Group Chair and Vice-Chair elections**

Mr. Law explained that according to the IEEE 802 LMSC P&P elections of the Working Group Chair and Vice Chair occur the first plenary meeting of even numbered years. Mr. Law reviewed the election rules adopted in the November 2015 plenary. Please refer to slides 15 to 17 of

[http://www.ieee802.org/3/minutes/mar16/0316\\_802\\_3\\_closing\\_plenary.pdf](http://www.ieee802.org/3/minutes/mar16/0316_802_3_closing_plenary.pdf)

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

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

### **802.3 Chair Election**

Elect Mr. David Law to Chair of 802.3

Y: 94, N: 0, A: 1

Mr. Law elected as Chair of 802.3 17-March 2016, 1:29 pm

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

### **802.3 Vice-Chair Election**

Elect Mr. Adam Healey to Vice-Chair of 802.3

Y: 94, N: 0, A: 1

Mr. Healey elected as Vice-Chair of 802.3 17-March 2016, 1:32 pm

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

## **Other IEEE 802 PARs**

Mr. Grow reported on the outcome of the Ad Hoc to review the 802 PARs.

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/WG3: Liaison on 2.5G/5GBASE-T

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

#### ISO/IEC JTC1/SC25/WG3: Liaison on 25GBASE-T

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

#### ISO/IEC JTC1/SC25/WG3: Liaison on PoF

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

#### ISO/IEC JTC1/SC25/WG3: Liaison on Remote Powering

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

#### ITU-T SG9: Draft new Recommendation ITU-T J.196.1 (J.HiNoC2-req), ITU-T J.195.1 (J.HiNoC-req) and ITU-T J.223.1 (J.C-DOCSIS-req) liaison letter

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

#### OIF: Flex Ethernet Implementation Agreement liaison letter

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

#### TIA TR42: TR-42 Liaison to IEEE 802 re ANSI/TIA-PN-1005-A-3 liaison letter

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

### **External Liaison letters (old)**

#### ITU-T SG5: ITU Resistibility - Ethernet application testing updates liaison letter

Mr. Carlson reported that the Ad Hoc had reviewed the liaison and decided that no response was required.

#### ITU-T SG15: Timestamping point for multilane Ethernet interfaces liaison letter

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

### **Future meetings actions – Steve Carlson**

Mr. Carlson reviewed the details of upcoming meetings.

Mr. Carlson requested a straw poll:

**Straw poll #1**

Should 802 return to the Venetian Macau for a future plenary?

Y: 37, N: 50, A: 23

17-March 2016, 1:42 pm

**REPORTS**

**IEEE 802.3 Rules – Adam Healey**

Please see [http://ieee802.org/3/minutes/mar16/0316\\_rules\\_close\\_report.pdf](http://ieee802.org/3/minutes/mar16/0316_rules_close_report.pdf).

**MOTION #2**

Approve the proposed IEEE 802.3 rules change 1-07/15, as amended by slides 6 and 7 of 0316\_rules\_close\_report.pdf, without a 30 day WG letter ballot.

M: A. Healey

S: J. D’Ambrosia

Technical ( $\geq 75\%$ )

Y: 92, N: 0, A: 1

Passed 17-March 2016, 1:48 pm

**IEEE 802.3 Maintenance – Adam Healey**

Please see [http://ieee802.org/3/minutes/mar16/0316\\_maint\\_close\\_report.pdf](http://ieee802.org/3/minutes/mar16/0316_maint_close_report.pdf).

**MOTION #3**

Submit IEEE Std 802.3-2015, as published, to ISO/IEC JTC 1/SC 6 for ratification under the PSDO agreement.

M: A. Healey on behalf of the Task Force

Technical ( $\geq 75\%$ )

Y: 89, N: 0, A: 1

Passed 17-March 2016, 2:01 pm

Mr. Healey reviewed the IEEE P802.3-2015/Cor 1 proposed PAR.

**MOTION #4**

Approve the IEEE P802.3-2015/Cor 1 PAR in P802\_3\_2015\_Cor\_1\_PAR\_160316.pdf.

M: A. Healey

S: S. Carlson

Technical ( $\geq 75\%$ )

Y: 88, N: 0, A: 3

Passed 17-March 2016, 2:07 pm

Mr. Healey presented the proposed liaison response to ITU-T SG15. Please see:

[http://iee802.org/3/minutes/mar16/outgoing/IEEE\\_802d3\\_to\\_ITU\\_SG15\\_0316\\_draft.pdf](http://iee802.org/3/minutes/mar16/outgoing/IEEE_802d3_to_ITU_SG15_0316_draft.pdf).

**MOTION #5**

Approve IEEE\_802d3\_to\_ITU\_SG15\_0316\_draft.pdf with editorial license granted to the Chair (or his appointed agent) as liaison communication from the IEEE 802.3 Working Group to ITU-T Study Group 15.

M: A. Healey

S: S. Carlson

Technical ( $\geq 75\%$ )

Y: 91, N: 1, A: 2

Passed 17-March 2016, 2:14 pm

**IEEE P802.3bn EPON Protocol over Coax (EPoC) Task Force – Duane Remein on behalf of Mark Laubach**

Mr. Remein presented the proposed liaison response to ITU-T SG9. Please see:

[http://iee802.org/3/minutes/mar16/outgoing/IEEE\\_802d3\\_to\\_ITU-T\\_SG9\\_0316\\_draft.pdf](http://iee802.org/3/minutes/mar16/outgoing/IEEE_802d3_to_ITU-T_SG9_0316_draft.pdf).

**MOTION #6**

Move to accept IEEE\_802d3\_to\_ITU-T\_SG9\_0316\_draft liaison response to 802.3 Working Group for approval with editorial license granted to the WG Chair (or his appointed agent) as a liaison communication by the WG Chair to ITU-T SG9.

M: M. Remein on behalf of the Task Force

Technical ( $\geq 75\%$ )

Y: 85, N: 0, A: 3

Passed 17-March 2016, 2:19 pm

## IEEE P802.3bp 1000BASE-T1 PHY Task Force – Steve Carlson

Please see [http://iee802.org/3/minutes/mar16/0316\\_bp\\_close\\_report.pdf](http://iee802.org/3/minutes/mar16/0316_bp_close_report.pdf).

### MOTION #7

Move that the IEEE 802.3 Working Group re-affirm the CSD (grandfathered 5 Criteria) responses in <http://www.ieee802.org/3/bp/5Criteria.pdf> and request conditional approval to progress the IEEE P802.3bp draft to RevCom once the Sponsor ballot process has been successfully completed.

M: S. Carlson on behalf of the Task Force

Technical ( $\geq 75\%$ )

Y: 85, N: 0, A: 2

Passed 17-March 2016, 2:25 pm

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

Please see [http://iee802.org/3/minutes/mar16/0316\\_bq\\_close\\_report.pdf](http://iee802.org/3/minutes/mar16/0316_bq_close_report.pdf).

Mr. Chalupsky presented the proposed liaison response to ISO/IEC JTC1/SC25 WG3.

Please see:

[http://iee802.org/3/minutes/mar16/outgoing/IEEE\\_802d3\\_to\\_ISOIEC\\_SC25\\_WG3\\_9905\\_0316\\_draft.pdf](http://iee802.org/3/minutes/mar16/outgoing/IEEE_802d3_to_ISOIEC_SC25_WG3_9905_0316_draft.pdf).

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

### MOTION #8

Move that the IEEE 802.3 Working Group approve IEEE\_802d3\_to\_ISOIEC\_SC25\_WG3\_9905\_0316\_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 JTC1/SC25 WG3.

M: D. Chalupsky

S: G. Zimmerman

Technical ( $\geq 75\%$ )

Passed by voice without opposition 17-March 2016, 2:35 pm

Mr. Chalupsky reviewed the unsatisfied comments against the P802.3bq draft.



**MOTION #9**

Move that the IEEE 802.3 Working Group re-affirm the CSD responses in <https://mentor.ieee.org/802-ec/dcn/15/ec-15-0069-00-ACSD-802-3bq.pdf> and request conditional approval to progress the IEEE P802.3bq draft to RevCom once the Sponsor ballot process has been successfully completed.

M: D. Chalupsky on behalf of the Task Force

Technical ( $\geq 75\%$ )

Y: 94, N: 0, A: 0

Passed 17-March 2016, 2:46 pm

**IEEE P802.3br Interspersing Express Traffic Task Force – Ludwig Winkel**

Please see [http://ieee802.org/3/minutes/mar16/0316\\_br\\_close\\_report.pdf](http://ieee802.org/3/minutes/mar16/0316_br_close_report.pdf).

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

Please see [http://ieee802.org/3/minutes/mar16/0316\\_bs\\_close\\_report.pdf](http://ieee802.org/3/minutes/mar16/0316_bs_close_report.pdf).

Mr. D’Ambrosia presented the proposed liaison response to OIF. Please see: [http://ieee802.org/3/minutes/mar16/outgoing/IEEE\\_802d3\\_to\\_OIF\\_0316\\_draft.pdf](http://ieee802.org/3/minutes/mar16/outgoing/IEEE_802d3_to_OIF_0316_draft.pdf)

**MOTION #10**

Move that the IEEE 802.3 Working Group approve IEEE\_802d3\_to\_OIF\_0316\_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: P. Anslow

Technical ( $\geq 75\%$ )

Passed by voice vote without opposition 17-March 2016, 2:52 pm

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

Please see [http://ieee802.org/3/minutes/mar16/0316\\_bt\\_close\\_report.pdf](http://ieee802.org/3/minutes/mar16/0316_bt_close_report.pdf).

Mr. Jones presented the proposed PAR modification.

**MOTION #11**

Move that the IEEE 802.3 Working Group approve the IEEE P802.3bt 4-Pair Power over Ethernet (4PPoE) PAR modification request, in [http://www.ieee802.org/3/bt/P802\\_3bt\\_PAR\\_160316.pdf](http://www.ieee802.org/3/bt/P802_3bt_PAR_160316.pdf).

M: C. Jones

S: G. Zimmerman

Technical ( $\geq 75\%$ )

At this point Mr. Dove made a motion to amend motion #11

**MOTION #12**

Move to add the word “new” in between “for” and “2-pair” in 5.2.b Scope of the project.

M: D. Dove

S: G. Thompson

Technical ( $\geq 75\%$ )

Y: 8, N: 24, A: 55

Motion failed 17-March 2016, 3:11 pm

Motion #11 was then voted on.

**MOTION #11**

Move that the IEEE 802.3 Working Group approve the IEEE P802.3bt 4-Pair Power over Ethernet (4PPoE) PAR modification request, in [http://www.ieee802.org/3/bt/P802\\_3bt\\_PAR\\_160316.pdf](http://www.ieee802.org/3/bt/P802_3bt_PAR_160316.pdf).

M: C. Jones

S: G. Zimmerman

Technical ( $\geq 75\%$ )

Y: 66, N: 0, A: 17

Passed 17-March 2016, 3:13 pm

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Break at approximately 3:14 pm. Restarted at approximately 3:30 pm.

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Mr. Jones presented the proposed liaison response to ISO/IEC/JTC1 SC25 WG3. Please see: [http://ieee802.org/3/minutes/mar16/outgoing/IEEE\\_802d3\\_to\\_SC25\\_PoE\\_0316\\_draft.pdf](http://ieee802.org/3/minutes/mar16/outgoing/IEEE_802d3_to_SC25_PoE_0316_draft.pdf)

Some minor changes were made to the proposed liaison.

**MOTION #13**

Move that the IEEE 802.3 Working Group approve IEEE\_802d3\_to\_SC25\_PoE\_0316\_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 SC25/WG3.

M: C. Jones

S: G. Zimmerman

Technical ( $\geq 75\%$ )

Passed by voice vote without opposition 17-March 2016, 3:42pm

**IEEE P802.3bu 1-Pair Power over Data Lines (PoDL) Task Force – Dan Dove**

Please see [http://ieee802.org/3/minutes/mar16/0316\\_bu\\_close\\_report.pdf](http://ieee802.org/3/minutes/mar16/0316_bu_close_report.pdf).

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

Please see [http://ieee802.org/3/minutes/mar16/0316\\_bv\\_close\\_report.pdf](http://ieee802.org/3/minutes/mar16/0316_bv_close_report.pdf).

**IEEE P802.3by 25 Gb/s Ethernet Task Force – Mark Nowell**

Please see [http://ieee802.org/3/minutes/mar16/0316\\_by\\_close\\_report.pdf](http://ieee802.org/3/minutes/mar16/0316_by_close_report.pdf)

**MOTION #14**

Modify Tables 111-4, 111-5, and 111-6 for P802.3by Draft 3.2 as shown on page 5 of [http://www.ieee802.org/3/by/public/Mar16/brown\\_3by\\_03\\_0316.pdf](http://www.ieee802.org/3/by/public/Mar16/brown_3by_03_0316.pdf) for Sponsor Ballot recirculation.

M: A. Ran

S: M. Dudek

Technical ( $\geq 75\%$ )

Passed by voice without opposition 17-March 2016, 3:55 pm

### **MOTION #15**

Move that the IEEE 802.3 Working Group re-affirm the CSD responses in [http://www.ieee802.org/3/by/P802\\_3by\\_CSD.pdf](http://www.ieee802.org/3/by/P802_3by_CSD.pdf) and request conditional approval to progress the IEEE P802.3by draft to RevCom once the Sponsor ballot process has been successfully completed.

M: M. Nowell

S: M. Brown

Technical ( $\geq 75\%$ )

Y: 92, N: 0, A: 0

Passed 17-March 2016, 4:01 pm

### **IEEE P802.3bz 2.5G/5GBASE-T Task Force – Dave Chalupsky**

Please see [http://ieee802.org/3/minutes/mar16/0316\\_bz\\_close\\_report.pdf](http://ieee802.org/3/minutes/mar16/0316_bz_close_report.pdf).

Mr. Chalupsky presented the expected changes to the P802.3bz draft.

### **MOTION #16**

Move that the IEEE 802.3 Working Group re-affirm the CSD responses in [http://www.ieee802.org/3/bz/802d3\\_NGEABT\\_CSD\\_802.3\\_WG\\_approved\\_12-march-15.pdf](http://www.ieee802.org/3/bz/802d3_NGEABT_CSD_802.3_WG_approved_12-march-15.pdf) and request conditional approval to progress the IEEE P802.3bz draft to IEEE 802 LMSC sponsor ballot once the Working Group ballot process has been successfully completed.

M: David Chalupsky on behalf of the Task Force

Technical ( $\geq 75\%$ )

Y: 93, N: 0, A: 1

Passed 17-March 2016, 4:17 pm

### **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/mar16/0316\\_ca\\_close\\_report.pdf](http://ieee802.org/3/minutes/mar16/0316_ca_close_report.pdf)

### **IEEE P802.3cb 2.5Gb/s and 5 Gb/s Backplane and Copper Cables Task Force – Yong Kim**

Please see [http://ieee802.org/3/minutes/mar16/0316\\_cb\\_close\\_report.pdf](http://ieee802.org/3/minutes/mar16/0316_cb_close_report.pdf)

Mr. Kim presented the IEEE P802.3cb 2.5 Gb/s & 5 Gb/s Backplane and Cable Task Force proposed objectives changes.

**MOTION #17**

Move that the IEEE 802.3 Working Group approve the IEEE P802.3cb Objectives modification, as per 0316\_cb\_close\_report.pdf

M: Y. Kim

S: P. Wu

Technical ( $\geq 75\%$ )

Passed by voice without opposition 17-March 2016, 4:37 pm

At this point Mr. Kim announced that he is standing down as the Chair of the P802.3cb Task Force. Mr. Law stated that he would be appointing Daniel Smith as Chair of P802.3cb going forward (subject to the approval of the Task Force at the next meeting).

**IEEE 802.3 50Gb/s Ethernet over a Single Lane, Next Gen 100 Gb/s and 200 Gb/s Ethernet Study Group and IEEE 802.3 200 Gb/s Ethernet single-mode Study Group – Mark Nowell**

Please see [http://ieee802.org/3/minutes/mar16/0316\\_50\\_100\\_200\\_close\\_report.pdf](http://ieee802.org/3/minutes/mar16/0316_50_100_200_close_report.pdf)

Mr. Nowell presented the IEEE P802.3bs 400 Gb/s Ethernet Task Force proposed objective modifications.

**MOTION #18**

Move that 802.3 approve the IEEE P802.3bs objectives, as per slide 12 of 0316\_50\_100\_200\_close\_report.pdf

M: M. Nowell

S: K. Lusted

Technical ( $\geq 75\%$ )

Passed by voice without opposition 17-March 2016, 4:52 pm

Mr. Nowell presented the IEEE P802.3bs 400 Gb/s Ethernet Task Force proposed CSD modifications.

**MOTION #19**

Move that the IEEE 802.3 Working Group approve the IEEE P802.3bs 400 Gb/s Ethernet CSD Modifications “Managed Objects”, “Broad Market Potential”, “Compatibility”, “Distinct Identity”, “Technical Feasibility”, and “Economic Feasibility” responses, as per 0316\_50\_100\_200\_close\_report.pdf

M: M. Nowell

S: K. Lusted

Technical ( $\geq 75\%$ )

Y: 82, N: 1, A: 1

Passed 17-March 2016, 4:58 pm

Mr. Nowell presented the IEEE P802.3bs 400 Gb/s Ethernet Task Force proposed PAR modifications.

**MOTION #20**

Move that the IEEE 802.3 Working Group approve the IEEE P802.3bs 400Gb/s Ethernet PAR modifications, in

[http://www.ieee802.org/3/50G/public/Mar16/P802\\_3bs\\_PAR\\_160316.pdf](http://www.ieee802.org/3/50G/public/Mar16/P802_3bs_PAR_160316.pdf)

M: M. Nowell

S: K. Lusted

Technical ( $\geq 75\%$ )

Y: 84, N: 2, A: 0

Passed 17-March 2016, 5:00 pm

**MOTION #21**

Move that the IEEE 802.3 Working Group request the extension of the 200 Gb/s Ethernet Single-Mode Fiber Study Group.

M: M. Nowell

S: K. Lusted

>50%

Y: 88, N: 0, A: 1

Passed 17-March 2016, 5:01 pm

Mr. Nowell presented the IEEE P802.3cd 50 Gb/s Ethernet over a single lane and next generation 100 Gb/s and 200 Gb/s Ethernet proposed objectives.

**MOTION #22**

Move that 802.3 approve the IEEE P802.3cd objectives, as per 0316\_50\_100\_200\_close\_report.pdf

M: M. Nowell

S: K. Lusted

Technical ( $\geq 75\%$ )

Passed by voice without opposition 17-March 2016, 5:04 pm

Mr. Nowell presented the IEEE P802.3cd 50 Gb/s Ethernet over a single lane and next generation 100 Gb/s and 200 Gb/s Ethernet proposed CSD responses.

**MOTION #23**

Move that the IEEE 802.3 Working Group approve the IEEE P802.3cd “50 Gb/s Ethernet over a single lane And Next Generation 100 Gb/s and 200 Gb/s Ethernet” CSD “Managed Objects”, “Coexistence”, “Broad Market Potential”, “Compatibility”, “Distinct Identity”, “Technical Feasibility”, and “Economic Feasibility” responses, as per 0316\_50\_100\_200\_close\_report.pdf

M: M. Nowell

S: K. Lusted

Technical ( $\geq 75\%$ )

Y: 80, N: 1, A: 0

Passed 17-March 2016, 5:10 pm

Mr. Nowell presented the IEEE P802.3cd 50 Gb/s Ethernet over a single lane and next generation 100 Gb/s and 200 Gb/s Ethernet proposed PAR.

**MOTION #24**

Move that the IEEE 802.3 Working Group approve the IEEE P802.3cd “50 Gb/s Ethernet over a single lane and Next Generation 100 Gb/s and 200 Gb/s Ethernet” PAR in [http://www.ieee802.org/3/50G/public/Mar16/P802\\_3cd\\_PAR\\_160316.pdf](http://www.ieee802.org/3/50G/public/Mar16/P802_3cd_PAR_160316.pdf)

M: M. Nowell

S: K. Lusted

Technical ( $\geq 75\%$ )

Y: 84, N: 0, A: 0

Passed 17-March 2016, 5:14 pm

**MOTION #25**

Move that the IEEE 802.3 Working Group request the extension of the 50 Gb/s Ethernet over a single lane and Next Generation 100 Gb/s and 200 Gb/s Ethernet Study Group.

M: M. Nowell

S: K. Lusted

>50%

Y: 82, N: 0, A: 0

Passed 17-March 2016, 5:16 pm

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

**IEEE 802.3 25 Gb/s Ethernet PMD(s) for single mode fiber Study Group – David Lewis**

Please see [http://ieee802.org/3/minutes/mar16/0316\\_25G\\_SMF\\_close\\_report.pdf](http://ieee802.org/3/minutes/mar16/0316_25G_SMF_close_report.pdf)

Mr. Lewis presented the IEEE P802.3cc 25 Gb/s Ethernet over single-mode fiber proposed objectives.

**MOTION #26**

Move that the IEEE 802.3 Working Group approve the IEEE P802.3cc 25 Gb/s Ethernet over single-mode fiber objectives, as per 0316\_25G\_SMF\_close\_report.pdf

M: D. Lewis

S: K. Tamura

Technical ( $\geq 75\%$ )

Passed by voice without opposition 17-March 2016, 5:26pm

Mr. Lewis presented the IEEE P802.3cc 25 Gb/s Ethernet over single-mode fiber proposed CSD responses.

**MOTION #27**

Move that the IEEE 802.3 Working Group approve the IEEE P802.3cc 25 Gb/s Ethernet over single-mode fiber CSD “Managed Objects”, “Coexistence”, “Broad Market Potential”, “Compatibility”, “Distinct Identity”, “Technical Feasibility”, and “Economic Feasibility” responses, as per 0316\_25G\_SMF\_close\_report.pdf

M: D. Lewis

S: K. Tamura

Technical ( $\geq 75\%$ )

Y: 66, N: 0, A: 2

Passed 17-March 2016, 5:29 pm



Mr. Lewis presented the IEEE P802.3cc 25 Gb/s Ethernet over single-mode fiber proposed PAR.

**MOTION #28**

Move that the IEEE 802.3 Working Group approve the IEEE P802.3cc 25 Gb/s Ethernet over single-mode fiber PAR, in

[http://www.ieee802.org/3/25GSMF/P802\\_3cc\\_PAR\\_160316.pdf](http://www.ieee802.org/3/25GSMF/P802_3cc_PAR_160316.pdf)

M: D. Lewis

S: K. Tamura

Technical ( $\geq 75\%$ )

Y: 73, N: 0, A: 1

Passed 17-March 2016, 5:30 pm

**MOTION #29**

Move that the IEEE 802.3 Working Group request the extension of the 25 Gb/s Ethernet over single-mode fiber Study Group.

M: D. Lewis

S: K. Tamura

>50%

Y: 74, N: 0, A: 0

Passed 17-March 2016, 5:31 pm

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

**IEEE 802.3 Next Generation Enterprise/Campus/Data Center Ethernet Industry Connection Ad Hoc – John D’Ambrosia**

Please see [http://ieee802.org/3/minutes/mar16/0316\\_NG\\_ECDC\\_close\\_report.pdf](http://ieee802.org/3/minutes/mar16/0316_NG_ECDC_close_report.pdf)

**CALL FOR INTEREST**

**IEEE 802.3 Ethernet YANG models – Yan Zhuang**

Please see [http://ieee802.org/3/minutes/mar16/0316\\_YANG\\_close\\_report.pdf](http://ieee802.org/3/minutes/mar16/0316_YANG_close_report.pdf)

**MOTION #30**

Move that the IEEE 802.3 WG form a study group to develop a PAR and CSD for:  
“IEEE 802.3 YANG data model(s)”

M: Y. Zhuang

S: M. Hajduczenia

> 50%

Y: 71, N: 0, A: 4

Passed 17-March 2016, 5:39 pm

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

**OTHER BUSINESS**

Mr. Law announced that there would be a Working Group interim meeting on Thursday 26 May in the Whistler meeting.

**ADJOURN****MOTION #31**

Move to adjourn.

M: D. Remein

S: J. D’Ambrosia

Procedural (> 50%)

Passed by voice vote without opposition 17-March 2016, 5:41 pm

Adjourned.

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

[http://ieee802.org/3/minutes/mar16/0316\\_attendance\\_macau.pdf](http://ieee802.org/3/minutes/mar16/0316_attendance_macau.pdf)