Approved Minutes IEEE 802.3 Ethernet Working Group PLENARY Marina Bay Sands, Singapore March 14-17, 2011

http://www.ieee802.org/3/minutes/mar11/index.html

MONDAY, March 14, 2011

ADMINISTRATIVE MATTERS

Call to order

Mr. David Law, Chair of IEEE 802.3 Ethernet Working Group, called the meeting to order at 1:10 pm.

Mr. Law expressed sympathies for those who were affected by recent earthquake and tsunami in Japan.

Welcome, introductions, and general announcements

Mr. Law introduced Mr. Wael William Diab, Vice Chair of IEEE 802.3, Mr. Steve Carlson, Executive Secretary of IEEE 802.3, Mr. Adam Healey, Secretary of IEEE 802.3, and Ms. Valerie Maguire, Treasurer of IEEE 802.3.

Mr. Law noted that Ms. Pat Thaler is the Chair of the IEEE P802.3bd MAC Control Frame for Priority-based Flow Control Project which is being undertaken by the IEEE 802.1 Working Group.

Mr. Law noted that Mr. Carlson is the Chair of IEEE P802.3bf Ethernet Support for the IEEE P802.1AS Time Synchronization Protocol Task Force. Mr. Law introduced Mr. Mark Nowell who is the Chair of the 40 Gb/s Ethernet Single-mode Fibre PMD Task Force and Mr. John D'Ambrosia who is Chair of the 100 Gb/s Backplane and Copper study group. Mr. Law also noted that Mr. Diab is the Chair of the IEEE 802.3 Maintenance Task Force.

Mr. Law introduced Mr. Howard Frazier who is the Chair of the IEEE P802.3.1 Ethernet Management Information Base Task Force.

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

Mr. Law also introduced the Working Group decorum as described in his opening report. Please see http://www.ieee802.org/3/minutes/mar11/0311_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. None responded.

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.

MOTION #1

Approve the agenda.

M: H. Barrass

S: S. Trowbridge

Passed by voice vote without opposition 14-March-2011 1:22 pm

Approval of November 2010 minutes

Please see http://www.ieee802.org/3/minutes/nov10/minutes_1110.pdf.

Mr. Law asked if there were any additions or corrections to the July 2010 minutes. Mr. Law noted that the minutes were posted February 8, 2011.

MOTION #2

Approve November 2010 Plenary Meeting minutes.

M: H. Barrass

S: B. Booth

Passed by voice vote without opposition 14-March-2011 1:23 pm

Call for patents

Please see http://standards.ieee.org/board/pat/pat-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/mar11/0311_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 802.3TM-2008 (26 Dec 08 / 26 Dec 08)*

- IEEE Std 802.3avTM-2009 (11 Sep 09 / 30 Oct 09)*
- IEEE Std 802.3bcTM-2009 (11 Sep 09 / 28 Sep 09)*
- IEEE Std 802.3atTM-2009 (11 Sep 09 / 30 Oct 09)*
- IEEE Std 802.3-2008/Cor1-2009TM (9 Dec 09 / 1 Feb 10)*
- IEEE Std 802.3baTM-2010 (17 Jun 10 / 22 Jun 10) *
- IEEE Std 802.3azTM-2010 (30 Sep 10 / 27 Oct 10)

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/mar11/0311 802 3 opening plenary.pdf.

Working Group activities since November 2010 meeting

Please see http://www.ieee802.org/3/minutes/mar11/0311_802_3_opening_plenary.pdf.

11th through 13th January 2011 Fort Lauderdale, FL, USA

- IEEE P802.3.1 Ethernet MIBs Task Force
- IEEE P802.3bf Time Synchronization Protocol Task Force
- IEEE P802.3bg 40Gb/s Ethernet Single-mode fibre PMD Task Force
- IEEE 802.3 Maintenance Task Force
- IEEE 802.3 100 Gb/s Backplane and Copper Study Group

IEEE 802.3 Ballots since the Last Plenary

^{*} Available through Get IEEE 802 http://standards.ieee.org/getieee802/802.3.html. Note: Dates are Approval date / Publication date

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:

• None

Sponsor Ballots:

- IEEE P802.3.1 D3.0 initial ballot
- IEEE P802.3.1 D3.1. 1st recirculation ballot
- IEEE P802.3bf D3.0 initial ballot
- IEEE P802.3bf D3.1, 1st recirculation ballot
- IEEE P802.3bg D3.0 initial ballot
- IEEE P802.3bg D3.1, 1st recirculation ballot

Sponsor Ballots group formations

None

Please see http://www.ieee802.org/3/minutes/mar11/0311_802_3_opening_plenary.pdf.

Documents

Mr. Law went over the current WG documents for this meeting's business.

IEEE P802.3.1 Ethernet MIBs

• IEEE P802.3.1/D3.1 (1st Sponsor recirculation ballot) and ballot comments

IEEE P802.3bf Ethernet Time Synchronization Support

• IEEE P802.3bf/D3.1 (1st Sponsor recirculation ballot) and ballot comments

IEEE P802.3bg 40Gb/s Ethernet Single-mode Fibre PMD

• IEEE P802.3bg/D3.1 (1st Sponsor recirculation ballot) and ballot comments

Please see http://www.ieee802.org/3/minutes/mar11/0311_802_3_opening_plenary.pdf.

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

Mr. Law explained the membership requirements (gaining and retaining)

- 75% attendance at 2 of last 4 plenary meetings (a qualifying interim may be substituted for one plenary)
- Request to become member during IEEE 802.3 potential voter agenda item
- 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/mar11/0311_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.

Review of voting membership

Please see http://www.ieee802.org/3/minutes/mar11/0311_voters.pdf.

Review of voters in peril

Please see http://www.ieee802.org/3/minutes/mar11/0311_peril.pdf.

Request for membership

Please see http://www.ieee802.org/3/minutes/mar11/0311_potential.pdf.

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

Bugg, Mark Diamond, Patrick McCormack, Michael S. Shrikhande, Kapil Tremblay, Francois

IEEE 802.3 Treasurer's report – Valerie Maguire

Please see http://ieee802.org/3/minutes/mar11/0311 treasury.pdf.

Standards Board report (September meeting)

Please see http://www.ieee802.org/3/minutes/mar11/0311 802 3 opening plenary.pdf.

LMSC Executive Committee report

Please see http://www.ieee802.org/3/minutes/mar11/0311_802_3_opening_plenary.pdf.

PARs under consideration this week (comments due by 17:00 Tuesday)

New PARs

- IEEE P802.1Qbp Virtual Bridging Amendment: Equal Cost Multiple Paths (ECMP), PAR and 5C.
- IEEE P802.15.8 Standard: Personal Space Communications, <u>PAR</u> and <u>5C</u>.

PAR modifications

- IEEE P802.1Qbh Virtual Bridging Amendment: Bridge Port Extension, <u>PAR</u>.
- IEEE P802.15.7 Standard: Short-Range Wireless Optical Communication Using Visible Light, <u>PAR</u>.

Please see http://www.ieee802.org/3/minutes/mar11/0311_802_3_opening_plenary.pdf.

Mr. Law asked if anyone was interested in reviewing and possibly commenting on any of the new PARs or PAR modifications. None responded.

Liaison Reports

External Liaison reports

TIA TR-42 report – Valerie Maguire http://ieee802.org/3/minutes/mar11/incoming/Mar 2011 TIA Liaison.pdf

Break at approximately 3:07 pm. Restarted at approximately 3:26 pm.

External Liaison letters

Cable Television Laboratories, Inc: Multicast LLIDs in EPON systems http://ieee802.org/3/minutes/mar11/incoming/CableLabs_IEEE8023_LiaisonLetter.pdf

Mr. Law chartered the Maintenance Task Force to review the liaison letter and generate a response.

ITU-T Study Group 15: Documents from IEEE P802.3bf (COM15-LS247-E) http://ieee802.org/3/minutes/mar11/incoming/OLS-247.pdf

Mr. Law chartered the IEEE P802.3bf Task Force to review the liaison letter and generate a response.

ITU-T Study Group 15: Copper 10 Gbit/s PHY asymmetry (COM15-LS292-E) http://ieee802.org/3/minutes/mar11/incoming/OLS-292.pdf

Mr. Law chartered the IEEE P802.3bf Task Force to review the liaison letter and generate a response.

ITU-T Study Group 15: OTNT Standardization Work Plan (COM15-LS274-E) – Steve Trowbridge

http://ieee802.org/3/minutes/mar11/incoming/OLS-274.pdf

Attachment: http://ieee802.org/3/private/liaison_docs/itu/PLEN-408Rev1.pdf

Mr. Trowbridge suggested that a response to this letter be deferred to November 2011 since the next ITU meeting on this topic will not be until December 2011.

STATE OF THE STANDARD

Please see http://ieee802.org/3/minutes/mar11/0311_state_of_std.pdf.

IEEE 802.3 Maintenance – Wael Diab

Please see http://ieee802.org/3/minutes/mar11/0311_maint_open_report.pdf.

There was some discussion regarding deadline for the submission of maintenance requests that will be considered at a given meeting.

IEEE 802.3 Interpretations – Wael Diab

Please see http://ieee802.org/3/minutes/mar11/0311_interp_open_report.pdf.

It was noted that there was an excessive delay from the time the interpretation request was submitted to the time it was forwarded to IEEE 802.3 from IEEE.

MOTION #3

Suspend the rules regarding the assignment deadline and consider interpretation request 2-03/11 at this meeting.

M: B. Grow

S: G. Thompson

Technical ($\geq 75\%$)

Passed by voice vote without opposition 14-March-2011 3:53 pm

TASK FORCE AND STUDY GROUP REPORTS

IEEE P802.3.1 MIB definitions for Ethernet Task Force – Howard Frazier Please see http://ieee802.org/3/minutes/mar11/0311 be open report.pdf.

IEEE P802.3bf Ethernet Support for IEEE P802.1AS Time Sync Task Force – Steve Carlson

Please see http://ieee802.org/3/minutes/mar11/0311_bf_open_report.pdf.

IEEE P802.3bg 40Gb/s Ethernet Single-mode Fibre PMD Task Force – Mark Nowell

Please see http://ieee802.org/3/minutes/mar11/0311_bg_open_report.pdf.

100 Gb/s Electrical Backplane and Copper Study Group – Adam Healey Mr. Healey presenting the opening report in Mr. D'Ambrosia's absence. Please see http://ieee802.org/3/minutes/mar11/0311_100GBCU_open_report.pdf.

IEEE 802.3 Ethernet Bandwidth Assessment Ad Hoc – Pete Anslow Mr. Anslow presenting the opening report in Mr. D'Ambrosia's absence.

Please see http://ieee802.org/3/minutes/mar11/0311_BWA_open_report.pdf.

FUTURE MEETINGS, ROOM ASSIGNMENTS, AND SUBGROUP SCHEDULES Please see http://ieee802.org/3/minutes/mar11/0311_rooms.pdf for room assignments.

ADJOURN

MOTION #4

Motion to adjourn.

M: M. Dudek S: B. Booth

Passed by voice vote without opposition 14-March-2011 4:52 pm

Adjourned.

Approved Minutes IEEE 802.3 Ethernet Working Group PLENARY Marina Bay Sands, Singapore March 14-17, 2011

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THURSDAY, March 17, 2011

ADMINISTRATIVE MATTERS

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Mr. Law noted that Ms. Pat Thaler is the Chair of the IEEE P802.3bd MAC Control Frame for Priority-based Flow Control Project which is being undertaken by the IEEE 802.1 Working Group.

Mr. Law noted that Mr. Carlson is the Chair of IEEE P802.3bf Ethernet Support for the IEEE P802.1AS Time Synchronization Protocol Task Force. Mr. Law introduced Mr. Mark Nowell who is the Chair of the 40 Gb/s Ethernet Single-mode Fibre PMD Task Force and Mr. John D'Ambrosia who is Chair of the 100 Gb/s Backplane and Copper study group. Mr. Law also noted that Mr. Diab is the Chair of the IEEE 802.3 Maintenance Task Force.

Mr. Law introduced Mr. Howard Frazier who is the Chair of the IEEE P802.3.1 Ethernet Management Information Base Task Force.

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

Mr. Law also introduced the Working Group decorum as described in his closing report. Please see http://www.ieee802.org/3/minutes/mar11/0311 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. None responded.

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. Mr Diab requested that the interpretations report be added following the maintenance report.

MOTION #1

Motion to approve the agenda as amended.

M: H. Barrass S: S. Trowbridge

Passed by voice vote 17-March-2011 1:09 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. Mr. Thompson responded that he did not.

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

Mr. Thompson 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. Thompson 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/mar11/0311_802_3_close_plenary.pdf.

General WG business

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/mar11/0311_802_3_close_plenary.pdf.

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/mar11/0311_voters.pdf.

Review of voters in peril

Please see http://www.ieee802.org/3/minutes/mar11/0311_peril.pdf.

Request for membership

Please see http://www.ieee802.org/3/minutes/mar11/0311_potential.pdf.

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

Shanbhag, Megha

LMSC Executive Committee items

Please see http://www.ieee802.org/3/minutes/mar11/0311_802_3_close_plenary.pdf.

Mr. Law gave an update in the topics being discussed at the LMSC EC.

External liaison letters

<u>Cable Television Laboratories, Inc: Multicast LLIDs in EPON systems – Howard Frazier</u> Mr. Law requested to defer this item to a convenient time after Mr. Frazier arrives. None objected.

<u>ITU-T Study Group 15: Documents from IEEE P802.3bf (COM15-LS247-E) – Steve</u> Carlson

Mr. Law requested to defer this item to the IEEE 802.3bf Task Force report. None objected.

<u>ITU-T Study Group 15: Copper 10 Gbit/s PHY asymmetry (COM15-LS292-E) – Steve Carlson</u>

Mr. Law requested to defer this item to the IEEE 802.3bf Task Force report. None objected.

Future meetings – Steve Carlson

Please see http://www.ieee802.org/3/minutes/mar11/0311_meetings_close.pdf.

There was discussion about the expenses and perceived "vacation quality" of the venues being considered for plenary meetings as it relates to the ability obtain management approvals to attend these meetings.

There was some question as to whether or not these venues appropriately cater to the needs of IEEE 802 constituents, e.g. Asia Pacific, Europe.

Straw poll #1: March Plenary Meeting 2012

Option 1: Melbourne, Australia (Melbourne Convention Exhibition Centre) Yes – 30

Possibly yes -31Possibly no -1No -6

Straw poll #2: March Plenary Meeting 2012

Option 2: Hilton Waikoloa Village, Big Island Hawaii (Hilton Waikoloa Village Big Island)

Yes - 39

Possibly yes – 25

Possibly no – 4

No - 3

Straw poll #3: March Plenary Meeting 2012

Preferred location:

Melbourne – 32

Hawaii - 21

Straw poll #4: Lunch at future plenary meetings

If lunch was provided (not necessarily as sumptuous as the Marina Bay Sands) Monday through Thursday for a meeting fee increase of USD100-150, would you support this?

Yes - 0

No - 63

There was discussion regarding the effective cost per lunch per day being too large. There were many who advocated the merits of the grab-and-go lunches. Some consideration was given to the plenary location and proximity of reasonable lunch places.

TASK FORCE REPORTS

IEEE 802.3 Maintenance – Wael Diab

Please see http://www.ieee802.org/3/minutes/mar11/0311_maint_close_report.pdf.

MOTION #2

Reject maintenance request #1232 as its scope of change is beyond Maintenance as recommended by the maintenance Task Force.

M: W. Dial

S: P. Anslow

Technical (≥ 75%) Y: 38, N: 0, A: 18

Passed 17-March-2011 2:09 pm

Mr. Frazier reviewed the liaison letter from Cable Television Laboratories, Inc. regarding Multicast LLIDs in EPON systems and the proposed response.

Mr. Barrass wished to clarify that while he supports the content of the liaison response, he does not support any changes to the physical layer to support single-point multicast.

There was discussion and subsequent changes to the draft liaison letter to clarify that individuals from the Cable Television Labs community were encouraged to participate in the IEEE 802.3 revision process.

Mr. Law asked if there was any objection to sending this liaison letter. None responded.

<u>IEEE 802.3 Interpretations – Wael Diab</u>

Please see http://www.ieee802.org/3/minutes/mar11/0311 interp close report.pdf.

MOTION #3

Move to approve the response to the interpretation request 1-3/11 as captured in diab_1_0311.pdf.

M: W. Diab on behalf of the Maint. TF

Technical (≥ 75%) Y: 44, N: 0, A: 2

Passed 17-March-2011 2:42 pm

MOTION #4 (AMENDED BY MOTION #5)

Move to approve the response to the interpretation request 2-3/11 as captured in diab_1_0311.pdf.

M: W. Diab on behalf of the Maint. TF

Technical (\geq 75%) Y: 43. N: 1. A: 4

Passed 17-March-2011 3:02 pm

MOTION #5 TO AMEND MOTION #4

Move to amend the "Interpretation 2-3/11 WG Motion" to change the response to read

• This request is being returned to you <u>because it was not judged to be a request for an interpretation of 802.3</u>. Interpretations are a unique form of commentary on the standard. They are not statements of what the standard should have done or meant to say. Interpretations cannot change the meaning of a standard as it currently stands.

Even if the request points out an error in the standard, the interpretation cannot fix that error.

M: G. Thompson

S: B. Grow

Technical ($\geq 75\%$)

Passed by voice vote without opposition 17-March-2011 3:01 pm

Break at approximately 3:03 pm. Restarted at approximately 3:25 pm.

<u>IEEE P802.3.1 MIB definitions for Ethernet Task Force – Howard Frazier</u> Please see http://www.ieee802.org/3/minutes/mar11/0311_be_close_report.pdf.

When Mr. Frazier noted that all necessary copyright releases had been obtained, he was given a "thumbs up" from Ms. Michelle Turner.

MOTION #6

Forward IEEE P802.3.1/D3.1 to the EC for approval to submit to RevCom.

M: H. Frazier on behalf of the MIB TF

Technical (\geq 75%) Y: 47, N: 0, A: 1

Passed 17-March-2011 3:32 pm

Discussion:

• Mr. Thompson requested to see all unresolved negative comments.

MOTION #7

Approve project objectives for P802.3.1 revision.

M: H. Frazier on behalf of the MIB TF

Technical ($\geq 75\%$)

Passed by voice vote without opposition 17-March-2011 3:37 pm

Mr. Frazier noted that Mr. Dawe offered a modification to the scope of the PAR that he wished to incorporate. In addition, a spelling error was corrected. The changes to the precirculated PAR were incorporated into PAR (r2).

MOTION #8

Approve draft PAR (r2) for P802.3.1 revision and forward to EC and NesCom for approval.

M: H. Frazier S: G. Thompson

Technical (\geq 75%) Y: 51, N: 0, A: 0

Passed 17-March-2011 3:51 pm

<u>IEEE 802.3bf Ethernet Support for IEEE P802.1AS Time Sync Protocol Task Force – Steve Carlson</u>

Please see http://www.ieee802.org/3/minutes/mar11/0311 bf close report.pdf.

MOTION #9

Request the Working Group Chair submit IEEE P802.3bf for conditional approval to RevCom.

M: P. Diamond S: B. Booth

Technical (\geq 75%) Y: 47, N: 0, A: 0

Passed 17-March-2011 4:05 pm

Mr. Carlson reviewed the ITU-T Study Group 15 liaison regarding documents from IEEE P802.3bf (COM15-LS247-E) and the proposed response.

Mr. Carlson reviewed the ITU-T Study Group 15 liaison regarding copper 10 Gbit/s PHY asymmetry (COM15-LS292-E) and the proposed response.

Mr. Law requested that both letters be considered with a single motion. None objected.

It was requested that the letter include the statement that the minimum and maximum delay values cannot be changed after the link is established (including following a fast retrain).

MOTION #10

Approve IEEE 802.3 liaison letters to ITU-T Study Group 15 'Documents from IEEE P802.3bf' and 'Copper 10 Gbit/s PHY asymmetry'

M: S. Carlson S: W. Diab

Technical (\geq 75%) Y: 49, N: 0, A: 0

Passed 17-March-2011 4:30 pm

<u>IEEE 802.3bg 40Gb/s Ethernet Single-mode Fibre PMD Task Force – Mark Nowell Please see http://www.ieee802.org/3/minutes/mar11/0311_bg_close_report.pdf.</u>

MOTION #11

Request that the previous submittal of IEEE P802.3bg to RevCom remain on the RevCom agenda considering the successful completion of the LMSC ballot process.

M: M. Nowell S: P. Anslow

Technical (> 75%) Y: 45, N: 0, A: 0

Passed 17-March-2011 4:36 pm

<u>100 Gb/s Electrical Backplane and Copper Study Group – John D'Ambrosia</u> Please see http://www.ieee802.org/3/minutes/mar11/0311 100GBCU close report.pdf.

MOTION #12

Move that IEEE 802.3 extends the 100 Gb/s Backplane and Copper Cable Study Group

M: J. D'Ambrosia on behalf of the Study Group

Procedural (> 50%) Y: 47, N: 0, A: 0

Passed 17-March-2011 4:49 pm

<u>IEEE 802.3 Ethernet Bandwidth Assessment Ad Hoc – John D'Ambrosia</u> Please see http://www.ieee802.org/3/minutes/mar11/0311_BWA_close_report.pdf.

MOTION #13

Move that 802.3 approve and forward the liaison letters with appropriate edits by the Chair (or his appointed agent)

- anslow_01b_0311.pdf to the ITU-T SG15
- trowbridge_01b_0311.pdf to the OIF

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

Technical ($\geq 75\%$) Y: 42, N: 0, A: 0

Passed 17-March-2011 5:01 pm

MOTION #14

Move that 802.3 approve and forward the liaison letter (dambrosia_02a_0311.pdf) with appropriate edits by the Chair (or his appointed agent), to the PCI-SIG

M: J. D'Ambrosia

S: P. Anslow

Technical ($\geq 75\%$)

Passed by voice vote without opposition 17-March-2011 5:05 pm

OTHER BUSINESS

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

ADJOURN

MOTION #15

Motion to adjourn.

M: S. Trowbridge

S: J. D'Ambrosia

Procedural (> 50%)

Passed by voice vote without opposition 17-March-2011 5:06 pm

Adjourned.