

**Unconfirmed Minutes**  
**IEEE 802.3 Ethernet PLENARY**  
**The Hyatt Regency at Embarcadero Center, San Francisco, CA**  
**July 13-16, 2009**

<http://www.ieee802.org/3/minutes/jul09/index.html>

**MONDAY, July 13, 2009**

**ADMINISTRATIVE MATTERS**

Mr. David Law, Chair of IEEE 802.3 Ethernet Working Group, called the meeting to order at 1:05pm.

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

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 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 Mr. Brad Booth, Treasurer of IEEE 802.3.

Mr. Law also introduced Mr. Mike McCormack who is Chair of IEEE P802.3at DTE Power Enhancements Task Force, Mr. Glen Kramer who is Chair of IEEE P802.3av 10 Gb/s EPON Task Force, Mr. Mike Bennett who is the Chair of IEEE P802.3az Energy Efficient Ethernet Task Force, Mr. John D'Ambrosia who is Chair of IEEE P802.3ba 40 Gb/s and 100 Gb/s Ethernet Task Force.

Mr. Law noted that Mr. Diab is chair of the IEEE 802.3 Maintenance Task Force and introduced Mr. Howard Frazier who is Chair of the IEEE P802.3.1 (802.3be) Ethernet Management Information Base Task Force. Finally, Mr. Law noted that Mr. Carlson is also the chair of the Support for IEEE P802.1AS Time and Synchronization Study Group.

Mr. Law also introduced the Working Group decorum as described in his opening report. Please see

[http://www.ieee802.org/3/minutes/jul09/0709\\_open\\_report.pdf](http://www.ieee802.org/3/minutes/jul09/0709_open_report.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 remit the meeting fee. Mr. Law also noted that participants must wear their badges in public areas at all times.

**Approval of the Agenda (Done at 1:17 pm)**

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

**MOTION #1**

Approve the agenda.

M: H. Barrass

S: J. D'Ambrosia

Passed by voice vote without opposition 13-July-09 1:17 pm

**Approval of the Minutes (Done at 1:19 pm)**

Mr. Law asked if there were any additions or corrections to the March 2009 minutes. Mr. Law noted that they have been up on the website for about two months.

There was no request for additions or corrections.

**MOTION #2**

Approve March 2009 Plenary Meeting Minutes

M: T. Dineen

S: B. Booth

Passed by voice vote without opposition 13-July-09 1:19 pm

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.

**Published Standards**

IEEE Std 802.3<sup>TM</sup>-2008 (26 Dec 2008)\*

Superseded standards

- IEEE Std 802.3<sup>TM</sup>-2005 (12 Dec 2005)
- IEEE Std 802.3<sup>TM</sup>-2005/Cor 1-2006 (26 Jun 2006)
- IEEE Std 802.3an<sup>TM</sup>-2006 (1 Sep 2006)
- IEEE Std 802.3aq<sup>TM</sup>-2006 (16 Oct 2006)
- IEEE Std 802.3as<sup>TM</sup>-2006 (13 Nov 2006)
- IEEE Std 802.3ap<sup>TM</sup>-2007 (22 May 2007)

- IEEE Std 802.3<sup>TM</sup>-2005/Cor 2-2007 (17 Aug 2007)

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

### **Reflectors and WG information**

Mr. Law reviewed the reflector policy, the process for subscribing and unsubscribing to the reflector, and the web site. Please refer to

[http://www.ieee802.org/3/minutes/jul09/0709\\_open\\_report.pdf](http://www.ieee802.org/3/minutes/jul09/0709_open_report.pdf).

### **WG Activities since the Last Plenary Meeting**

Please refer to [http://www.ieee802.org/3/minutes/jul09/0709\\_open\\_report.pdf](http://www.ieee802.org/3/minutes/jul09/0709_open_report.pdf).

Mr. Law gave an update on the interim IEEE 802.3 meetings that were held and thanked the hosts of those meetings. Below is a list of the meetings that occurred between this meeting and the last plenary:

- Quebec City, QC, Canada 29th April - 7th May 2009
  - IEEE P802.3at, DTE Power Enhancements Task Force
  - IEEE P802.3av, 10G EPON Task Force
  - IEEE P802.3az, Energy Efficient Ethernet Task Force
  - IEEE P802.3ba, 40Gb/s and 100Gb/s Ethernet Task Force
  - IEEE 802.3, Maintenance Task Force
  - IEEE 802.3, Ethernet Support for the IEEE P802.1AS Time Synchronization Protocol Study Group
  - IEEE 802.3.1, Ethernet MIBs Task Force
- Musselburgh, East Lothian, Scotland, 1st June 2009
  - IEEE 802.3bc, Ethernet Organisationally Specific TLVs Task Force
- Shanghai, P.R.C, 8th June – 9th June 2009
  - IEEE P802.3av, 10G EPON Task Force
- Berkeley, CA, USA, 11th June 2009
  - IEEE P802.3az, Energy Efficient Ethernet Task Force

### **IEEE 802.3 Ballots since the Last Plenary**

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. Please see [http://www.ieee802.org/3/minutes/jul09/0709\\_open\\_report.pdf](http://www.ieee802.org/3/minutes/jul09/0709_open_report.pdf).

- Working Group Ballots:
  - IEEE P802.3ba D2.0, Initial ballot
  - IEEE P802.3ba D2.1, 1st recirculation ballot
  - IEEE P802.3-2008/Cor 1 (IEEE 802.3bb) D1.1, Initial ballot
  - IEEE P802.3-2008/Cor 1 (IEEE 802.3bb) D1.2, 1st recirculation ballot
  - IEEE P802.3bc D2.1, 1st recirculation ballot
  - IEEE P802.3bc D2.2, 2nd recirculation ballot
- Sponsor Ballots:
  - IEEE P802.3at D4.1, 1st recirculation ballot
  - IEEE P802.3at D4.2, 2nd recirculation ballot
  - IEEE P802.3av D3.2, 1st recirculation ballot
  - IEEE P802.3av D3.3, 2nd recirculation ballot

- IEEE P802.3av D3.4, 3rd recirculation ballot
- IEEE P802.3bc D3.0, Initial ballot
- Sponsor Ballots group formations
  - IEEE P802.3bb

### **Documents**

Mr. Law went over the current WG documents for this meeting's business. Please see [http://www.ieee802.org/3/minutes/jul09/0709\\_open\\_report.pdf](http://www.ieee802.org/3/minutes/jul09/0709_open_report.pdf).

- IEEE P802.3at DTE Power Enhancements
  - IEEE P802.3at/D4.2 (2nd Sponsor recirculation ballot) and ballot comments
- IEEE P802.3av 10Gb/s EPON
  - IEEE P802.3av/D3.4 (3rd Sponsor recirculation ballot)
- IEEE P802.3az Energy-efficient Ethernet
  - IEEE P802.3az/D1.5 (WG preview)
- IEEE P802.3ba 40Gb/s and 100Gb/s Ethernet
  - IEEE P802.3ba/D2.1 (1st Working Group recirculation ballot) and ballot comments
- IEEE P802.3-2008/Cor 1 (IEEE 802.3bb) Pause Reaction Delay Corrigendum
  - IEEE P802.3-2008/Cor 1 (IEEE 802.3bb)/D1.2 (1st Working Group recirculation ballot) and ballot comments
- IEEE P802.3bc Ethernet Organizationally Specific TLVs
  - IEEE P802.3bc/D3.0 (Initial Sponsor ballot) and ballot comments

### **Attendance and Voting Procedures**

Mr. Law also 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

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.

### **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://www.ieee802.org/3/minutes/jul09/0709\\_open\\_report.pdf](http://www.ieee802.org/3/minutes/jul09/0709_open_report.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.

Please see <http://www.ieee802.org/3/minutes/jul09/index.html> for voter lists.

### **Potential Voters**

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

These individuals responded Monday requesting to become voting members:

Beckwith, Jon

Heath, Jeff

Iwadate, Hirotake

Jiang, Qiaofeng

Misek, Brian

Moeller, Merrick

Sparrowhawk, Bryan

### **Call for Patents (Done at 2:02 pm)**

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

Mr. Carlson 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. Carlson 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/jul09/0709\\_open\\_report.pdf](http://www.ieee802.org/3/minutes/jul09/0709_open_report.pdf).

### **Treasurer's Report**

Mr. Booth presented the Treasurer's report. Please see

[http://www.ieee802.org/3/minutes/jul09/0709\\_open\\_report.pdf](http://www.ieee802.org/3/minutes/jul09/0709_open_report.pdf).

### **MOTION #3**

Approve "Tyco formation response.docx," providing editorial license to the Working Group chair or his designate, as an informal communication from the IEEE 802.3 Working Group

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

Procedural ( $\geq 50\%$ )  
Y: 86, N: 0, A: 0

Motion passed 13-July-2009 2:16 pm

Mr. Booth asked if there were any questions on Treasury. None were asked.

### **Publication Awards**

There were no publication awards at this plenary.

### **Standards Board Report**

Mr. Law gave an update on the September standards board meetings. Please see [http://www.ieee802.org/3/minutes/jul09/0709\\_open\\_report.pdf](http://www.ieee802.org/3/minutes/jul09/0709_open_report.pdf).

For more details on the standards board please refer to <http://standards.ieee.org/board>.

### **LMSC Reports**

Mr. Law gave an update in the topics being discussed at the LMSC EC. Please see [http://www.ieee802.org/3/minutes/jul09/0709\\_open\\_report.pdf](http://www.ieee802.org/3/minutes/jul09/0709_open_report.pdf) for all the topics and the details covered.

Break for 15 minutes at approximately 3:04 pm. Restarted at approximately 3:19 pm.

### **Tutorials**

Mr. Law reviewed the schedule for Tutorials for the week, and noted that the most current information will be available on-line at the URL on the back of attendee meeting badges. Please see [http://www.ieee802.org/3/minutes/jul09/0709\\_open\\_report.pdf](http://www.ieee802.org/3/minutes/jul09/0709_open_report.pdf).

### **PARS**

Please see [http://www.ieee802.org/3/minutes/jul09/0709\\_open\\_report.pdf](http://www.ieee802.org/3/minutes/jul09/0709_open_report.pdf).

Mr. Law showed the PARs under consideration this week. Mr. Law asked if there were any questions on any of the PARs from other groups.

- IEEE P802.1Qbc, Provider Bridging -- Remote Customer Service Interface [PAR](#) and [5C](#)
- IEEE P802.1Qbe, Multiple Backbone Service Instance Identifier (I-SID) Registration Protocol (MIRP) [PAR](#) and [5C](#)
- IEEE P802.1Qbf, PBB-TE Infrastructure Protection [PAR](#) and [5C](#)
- IEEE P802.21.1 New standard for Support for Emergency Services [PAR](#) and [5C](#)

**MOTION #4**

Charter an ad hoc to review the P802.21.1 PAR and 5 criteria, generate comments, and submit those comments by 5PM on Tuesday.

M: G. Thompson

S: M. Bennett

Passed by voice vote without opposition 13-July-09 3:32 pm

Discussion of Motion #4

- During the discussion of the motion, Mr. Law indicated that he intended to appoint Mr. Thompson to chair the proposed ad hoc

### **External Liaison Reports**

See <http://www.ieee802.org/3/minutes/jul09/index.html> under the liaison attachments.

INCITS T11.2 – Terry Cobb

Mr. Cobb presented a report of recent T11.2 activities.

ISO/IEC SC25/WG3 – Alan Flatman

Mr. Flatman presented a report of recent SC25/WG3 activities.

Mr. Law appointed the IEEE 802.3 Maintenance Task Force to consider the liaison letter from ISO/IEC JTC1/SC 25/WG 3 to IEEE 802.3 regarding optical fibre terminology and draft a response, if appropriate, for consideration at the closing plenary.

TIA TR42 – Val Maguire

Mrs. Maguire presented a report from the recent TR42 meeting.

Mr. Law appointed the IEEE P802.3at Power over Ethernet Task Force to consider the liaison letter from IEC TC65/SC65C/JWG10 to IEEE 802.3 regarding Power over Ethernet performance in industrial environments and draft a response, if appropriate, for consideration at the closing plenary.

Mr. Law indicated that the liaison letter from ITU-T SG15 to IEEE 802.3 regarding work plan on next generation PON systems was assigned to IEEE P802.3av Task Force and it was considered at their June 2009 interim meeting. It was the opinion of the Task Force that there was no need to reply to this communication.

### **State of the Standard**

Mr. Diab reported on the state of the standard

[http://www.ieee802.org/3/minutes/jul09/0709\\_state\\_of\\_std.pdf](http://www.ieee802.org/3/minutes/jul09/0709_state_of_std.pdf).

### **Maintenance**

Mr. Diab gave an update on the work of the Maintenance Task Force. Please refer to

[http://www.ieee802.org/3/minutes/jul09/0709\\_maint\\_open\\_report.pdf](http://www.ieee802.org/3/minutes/jul09/0709_maint_open_report.pdf).

- 29 Open Maintenance requests
- 1 new request since April
  - Related to TDP Measurement procedure
- Current status of open requests:
  - Balloting - 10
  - Ready for ballot - 11
  - Awaiting clarification - 0
  - To be categorized - 8
  - Notes: Some 'Balloting' assigned to IEEE P802.3at and IEEE P802.3az

IEEE 802.3 Maintenance web site: <http://www.ieee802.org/3/maint/index.html>

### **Interpretations**

No new interpretation requests were received.

### **Operating Rules of IEEE 802.3**

Please refer to [http://www.ieee802.org/3/minutes/jul09/0709\\_rules\\_open\\_report.pdf](http://www.ieee802.org/3/minutes/jul09/0709_rules_open_report.pdf).

### **LMSC Chairs' meetings**

Mr. Law reviewed the schedule for LMSC Chairs' meetings for the week, and noted that the most current information will be available on-line at the URL on the back of attendee meeting badges.

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

### **IEEE P802.3at: DTE Power Enhancements – Mike McCormack**

[http://www.ieee802.org/3/minutes/jul09/0709\\_at\\_open\\_report.pdf](http://www.ieee802.org/3/minutes/jul09/0709_at_open_report.pdf)

Some remarks were made in relation to the announcement of the IEEE/Via Power over Ethernet patent pool.

### **IEEE P802.3av: 10 Gb/s EPON – Glen Kramer**

[http://www.ieee802.org/3/minutes/jul09/0709\\_av\\_open\\_report.pdf](http://www.ieee802.org/3/minutes/jul09/0709_av_open_report.pdf)

### **IEEE P802.3az: Energy Efficient Ethernet – Mike Bennett**

[http://www.ieee802.org/3/minutes/jul09/0709\\_az\\_open\\_report.pdf](http://www.ieee802.org/3/minutes/jul09/0709_az_open_report.pdf)

### **IEEE P802.3ba: 40 Gb/s and 100 Gb/s Ethernet – John D'Ambrosia**

[http://www.ieee802.org/3/minutes/jul09/0709\\_ba\\_open\\_report.pdf](http://www.ieee802.org/3/minutes/jul09/0709_ba_open_report.pdf)

### **IEEE P802.3.1 (802.3be): Ethernet Management Information Base – Howard Frazier**

[http://www.ieee802.org/3/minutes/jul09/0709\\_be\\_open\\_report.pdf](http://www.ieee802.org/3/minutes/jul09/0709_be_open_report.pdf)

### **Support for IEEE 802.1AS Time and Synchronization Study Group – Steve Carlson**

[http://www.ieee802.org/3/minutes/jul09/0709\\_tssg\\_open\\_report.pdf](http://www.ieee802.org/3/minutes/jul09/0709_tssg_open_report.pdf)

Mr. Law asked if there was any objection to modifying the agenda so that room assignments and Task Force schedules could be discussed at this time. No objections were noted.

### **Room Assignments and TF Schedules**

Mr. Carlson reviewed the room assignments for the Task Forces and ad hocs. A current version of the agenda and room assignments can be found at <http://ieee802.facetoface-events.com/plenary/attendee>.

(Note that the above link is a dynamic link)

### **Call for Interest – 10GBASE-CR1 – Chris DiMinico**

[http://ieee802.org/3/cfi/request\\_0709\\_1.html](http://ieee802.org/3/cfi/request_0709_1.html)

- The process for executing a Call for Interest was discussed.
- Mr. DiMinico made a Call for Interest for 10GBASE-CR1 which is 10 Gigabit Ethernet serial operation over twinaxial copper cable assemblies.

### **MOTION #5**

Motion to adjourn.

M: H. Barrass

S: J. D'Ambrosia

Passed by voice vote without opposition 13-July-09 5:49 pm

Adjourned.

**IEEE 802.3 Ethernet PLENARY**  
**The Hyatt Regency at Embarcadero Center, San Francisco, CA**  
**July 13-16, 2009**

**THURSDAY, July 16, 2009**

**ADMINISTRATIVE MATTERS**

Mr. Law called the meeting to order at 1:01 pm. Mr. Law reminded the group that the draft agenda had been posted to the website in the minutes area.

**Introductions**

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

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 Mr. Brad Booth, Treasurer of IEEE 802.3.

Mr. Law also introduced Mr. Mike McCormack who is Chair of IEEE P802.3at DTE Power Enhancements Task Force, Mr. Glen Kramer who is Chair of IEEE P802.3av 10 Gb/s EPON Task Force, Mr. Mike Bennett who is the Chair of IEEE P802.3az Energy Efficient Ethernet Task Force, Mr. John D'Ambrosia who is Chair of IEEE P802.3ba 40 Gb/s and 100 Gb/s Ethernet Task Force.

Mr. Law noted that Mr. Diab is chair of the IEEE 802.3 Maintenance Task Force and introduced Mr. Howard Frazier who is Chair of the IEEE P802.3.1 (802.3be) Ethernet Management Information Base Task Force. Finally, Mr. Law noted that Mr. Carlson is also the chair of the Support for IEEE P802.1AS Time and Synchronization Study Group.

Mr. Law also introduced the Working Group decorum as described in his closing report. Please see [http://www.ieee802.org/3/minutes/jul09/0709\\_close\\_report.pdf](http://www.ieee802.org/3/minutes/jul09/0709_close_report.pdf).

**Press**

Mr. Law asked if there was a member of the press, or anybody that would blog on the meeting, present. None responded. Mr. Law noted that there should be no recording or photography without permission.

**Approval of the Agenda (Done at 1:11 pm)**

Mr. Law announced that a draft agenda was posted to the minutes area of 802.3: <http://www.ieee802.org/3/minutes/index.html>

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

<b>MOTION #1</b>
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Motion to approve agenda:

M: J. D'Ambrosia

S: T. Dineen

Passed by voice vote without opposition 16-Jul-2009 1:11 pm

### **Call for Patents (Done at 1:12 pm)**

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 also asked that Mr. Healey record that:

- 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. and read the slides. Please see [http://www.ieee802.org/3/minutes/jul09/0709\\_close\\_report.pdf](http://www.ieee802.org/3/minutes/jul09/0709_close_report.pdf)

### **Reflectors and WG information**

Mr. Law reviewed the reflector policy, the process for subscribing and unsubscribing to the reflector, and the web site. Please refer to [http://www.ieee802.org/3/minutes/jul09/0709\\_close\\_report.pdf](http://www.ieee802.org/3/minutes/jul09/0709_close_report.pdf)

### **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, Request Membership**

Mr. Law displayed the current IEEE 802.3 voters list. Mr. Law explained how to gain membership in IEEE 802.3. See <http://ieee802.org/3/rules/index.html> for complete information.

Mr. Law reviewed the IEEE-SA Standards Board by-laws pertaining to disclosure of affiliation.

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

The following individuals indicated they wished to become IEEE 802.3 voters on Thursday:

Brown, Matthew

Lozano, Raul

Tracy, Nathan

### **Update from EC Chair's Meetings**

Please refer to [http://www.ieee802.org/3/minutes/jul09/0709\\_close\\_report.pdf](http://www.ieee802.org/3/minutes/jul09/0709_close_report.pdf).

Mr. Law requested that Mr. Grow report on the EC Chair's Meeting for this week.

### **IEEE 802.21 PAR Ad Hoc – Geoff Thompson**

Mr. Thompson reported on the outcome of the IEEE 802.21 PAR ad hoc and indicated that, in response to the comments, that IEEE 802.21 intends to withdraw the PAR from consideration.

Mr. Law proposed that, since IEEE 802.21 intends to withdraw the PAR, the comments submitted on behalf of IEEE 802.3 need not be reviewed at this time. Mr. Law asked if there was any objection, and none responded.

### **Future Meetings – Steve Carlson**

Please refer to [http://www.ieee802.org/3/minutes/jul09/0709\\_meetings.pdf](http://www.ieee802.org/3/minutes/jul09/0709_meetings.pdf).

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

Mr. Law asked if there was any objection to modifying the agenda so that IEEE P802.3av Task Force report could be considered at this time. No objections were noted.

### **IEEE P802.3av: 10 Gb/s EPON – Glen Kramer**

[http://www.ieee802.org/3/minutes/jul09/0709\\_av\\_close\\_report.pdf](http://www.ieee802.org/3/minutes/jul09/0709_av_close_report.pdf)

### **MOTION #2**

Request the IEEE 802.3 Working Group Chair to seek IEEE 802 EC approval to submit the IEEE P802.3av/D3.4 to RevCom.

M: G. Kramer on behalf of the Task Force

Technical ( $\geq 75\%$ )

Y: 89, N: 0, A: 2

Motion passed 16-Jul-2009 2:06 pm

Discussion of Motion #2:

- There was some discussion related to the flow control (PAUSE) functionality.

Mr. Law asked if there was any objection to modifying the agenda so that IEEE P802.3az Task Force report could be considered at this time. No objections were noted.

### **IEEE P802.3az: Energy Efficient Ethernet – Mike Bennett**

[http://www.ieee802.org/3/minutes/jul09/0709\\_az\\_close\\_report.pdf](http://www.ieee802.org/3/minutes/jul09/0709_az_close_report.pdf)

Mr. Bennett reviewed changes between the draft offered for Working Group preview and the draft proposed to be submitted for Working Group ballot.

**MOTION #3**

Request that 802.3 circulate IEEE P802.3az Draft 2.0 for a 35 day 802.3 Working Group Ballot and comment, and conduct recirculations as necessary, and authorize the IEEE P802.3az Task Force to respond to comments

M: H. Barrass  
S: D. Dove

Technical ( $\geq 75\%$ )  
Y: 82, N: 0, A: 1

Motion passed 16-Jul-2009 2:20 pm

**Maintenance – Wael Diab**

Please see [http://www.ieee802.org/3/minutes/jul09/0709\\_maint\\_close\\_report.pdf](http://www.ieee802.org/3/minutes/jul09/0709_maint_close_report.pdf).

**MOTION #4**

- Charter the editor of P802.3bb to generate D2.0 incorporating resolution to comments received on D1.2
- Request the WG Chair to seek the EC approval to initiate Sponsor Ballot.

M: W. Diab on behalf of the Task Force

Technical ( $\geq 75\%$ )  
Y: 77, N: 1, A: 2

Motion passed 16-Jul-2009 2:28 pm

Discussion of Motion #4:

- Mr. Diab reviewed the responses to the comments against P802.3bb and stated that no substantive changes were made to the document.

**MOTION #5**

- Charter the Editor of P802.3bc to generate D3.1 incorporating resolution to comments received on D3.0
- Meet August 12th to respond to comments on D3.1
- Request the WG Chair to submit to the EC for conditional approval to submit to RevCom per Procedure 13.

M: W. Diab on behalf of the Task Force

Technical ( $\geq 75\%$ )

Y: 75, N: 1, A: 5

Motion passed 16-Jul-2009 2:53 pm

Discussion of Motion #5:

- Mr. Law recused himself as chair for the purpose of discussion of this motion as he is editor for the project. Mr. Diab served as chair during the discussion.
- Mr. Thompson requested a review of unsatisfied comments per Procedure 13. Said comments were reviewed by the Working Group.
- Following discussion of the motion, Mr. Law resumed his position as chair.
- Mr. Diab reviewed the meeting plan for the recirculation.

Break for 15 minutes at approximately 2:52 pm. Restarted at approximately 3:07 pm.

#### **Maintenance – Wael Diab (continued)**

Mr. Diab reviewed the proposed response to liaison letter from ISO/IEC JTC1/SC 25/WG 3 to IEEE 802.3 regarding optical fibre terminology.

Mr. Diab also reported on the documentation of the historic nomenclature.

#### **MOTION #6**

- Accept liaison response as drafted in 802d3\_liaison\_iso\_0709.doc
- Provide editorial license on the liaison response to the IEEE 802.3 Working Group Chair or his delegate

M: W. Diab

S: J. D'Ambrosia

Technical ( $\geq 75\%$ )

Y: 68, N: 1, A: 2

Motion passed 16-Jul-2009 3:13 pm

#### **IEEE P802.3at: DTE Power Enhancements – Mike McCormack**

[http://www.ieee802.org/3/minutes/jul09/0709\\_at\\_close\\_report.pdf](http://www.ieee802.org/3/minutes/jul09/0709_at_close_report.pdf)

Mr. McCormack noted that 3 comments were received against IEEE P802.3at and that these comments were rejected by the ballot resolution committee.

#### **MOTION #7**

- Move to request the 802.3 WG chair forward draft 4.2 to Revcom for approval and perform other tasks as may be necessary for this action.

M: M. McCormack on behalf of the Task Force

Technical ( $\geq 75\%$ )  
Y: 84, N: 0, A: 0

Motion passed 16-Jul-2009 3:21 pm

Mr. McCormack pointed out that a PAR extension is required since it is possible that the existing PAR would expire before the draft is considered by RevCom. Mr. Law reviewed the PAR extension form.

#### **MOTION #8**

- Move to request the 802.3 WG chair to request the EC to submit a PAR extension for 802.3at and perform other tasks as may be necessary for this action.

M: M. McCormack  
S: S. Carlson

Technical ( $\geq 75\%$ )  
Y: 86, N: 0, A: 0

Motion passed 16-Jul-2009 3:33 pm

Mr. McCormack reviewed the proposed response to the liaison letter from IEC TC65/SC65C/JWG10 to IEEE 802.3 regarding Power over Ethernet performance in industrial environments.

#### **MOTION #9**

- Move that the WG accepts the liaison letter as drafted in 0709\_1\_mccormack.pdf and providing editorial license to the Working Group chair or his designate.

M: M. McCormack  
S: R. Rannow

Technical ( $\geq 75\%$ )  
Y: 84, N: 0, A: 3

Motion passed 16-Jul-2009 3:40 pm

**IEEE P802.3ba: 40 Gb/s and 100 Gb/s Ethernet – John D’Ambrosia**  
[http://www.ieee802.org/3/minutes/jul09/0709\\_ba\\_close\\_report.pdf](http://www.ieee802.org/3/minutes/jul09/0709_ba_close_report.pdf)

Mr. D'Ambrosia noted that in response to comments against Draft 2.1, the Task Force voted to update one of the project objectives.

**MOTION #10**

- Move that 802.3 approve the proposed revision to IEEE P802.3ba Task Force objectives, as per 0709\_ba\_close\_report.pdf.

M: J. D'Ambrosia

S: S. Muller

Technical ( $\geq 75\%$ )

Y: 88, N: 0, A: 2

Motion passed 16-Jul-2009 3:56 pm

**IEEE 802.3.1 (P802.3be): Ethernet Management Information Base – Howard Frazier**

[http://www.ieee802.org/3/minutes/jul09/0709\\_be\\_close\\_report.pdf](http://www.ieee802.org/3/minutes/jul09/0709_be_close_report.pdf).

There was a discussion of IEEE 802.3.1 recommendations on downloadable content.

**Support for IEEE 802.1AS Time and Synchronization Study Group – Steve Carlson**

[http://www.ieee802.org/3/minutes/jul09/0709\\_tssg\\_close\\_report.pdf](http://www.ieee802.org/3/minutes/jul09/0709_tssg_close_report.pdf)

**MOTION #11**

Request that the IEEE 802.3 Working Group extend the Time Synchronization Study Group to the next IEEE 802 Plenary meeting.

M: S. Carlson on behalf of the TSSG

Procedural ( $\geq 50\%$ )

Y: 72, N: 0, A: 0

Motion passed 16-Jul-2009 4:36 pm

**Call for Interest – 10GBASE-CR1 – Chris DiMinico**

[http://www.ieee802.org/3/minutes/jul09/0709\\_10GBASE\\_CR1\\_close\\_report.pdf](http://www.ieee802.org/3/minutes/jul09/0709_10GBASE_CR1_close_report.pdf).

**MOTION #12**

Request the formation of an 802.3 study group based on the 10GBASE-CR1 call for interest.

M: C. DiMinico  
S: D. Chalupsky

Procedural ( $\geq 50\%$ )  
Y: 20, N: 32, A: 48

Motion failed 16-Jul-2009 5:36 pm

#### Discussion of Motion #12

- There was a discussion regarding the relationship between the proposed study group and SFF-8431
- There were concerns expressed in dividing the attention of the subject matter experts between IEEE P802.3ba copper sub-task force and the proposed study group
- It was pointed out that the motion was to form a study group and not a project. Some interest was expressed taking additional time to discuss the topics highlighted in the CFI presentation in the context of a study group.
- Some concern was expressed with respect to the timeliness of this proposal.

Mr. Law asked if there was any other business. No additional business was presented.

#### **MOTION #13**

Motion to adjourn.

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

Procedural ( $> 50\%$ )

Motion passed by voice without opposition 16-July-2009 5:37 pm

Adjourned.