

Unconfirmed Meeting Minutes: IEEE P802.3bq 25G/40GBASE-T Task Force  
November 9-11, 2015  
Dallas, TX, USA  
Prepared by Jon Lewis

The IEEE P802.3bq 25/40GBASE-T Task Force meeting convened at 1:15 PM, Monday, November 9, 2015 by David Chalupsky, P802.3bq Task Force Chair

Attendance is listed in Appendix A

**ADMINISTRATIVE MATTERS**

**Presentation:** [agenda 3bq 01 1115.pdf](#)

**Presenter:** Dave Chalupsky, Chair.

The Chair called for introductions and affiliations, the participants introduced themselves, and the Chair then proceeded with the agenda.

The Chair reviewed the agenda. Mr. Chalupsky turned to presentation [agenda 3bq 01 1115.pdf](#) and reviewed the schedule of presentations for the meeting.

**Motion #1:** Approve the agenda from [agenda 3bq 01 1115.pdf](#)

**M: Jon Lewis                    S: George Zimmerman**  
**Approved by voice vote without objection (Procedural > 50%) at 1:23pm**

**Motion #2:** Approve the minutes from the September, 2015 P802.3bq meeting.

**M: Paul Vanderlaan            S: Peter Jones**  
**Approved by voice vote without objection (Procedural > 50%) at 1:24pm**

The Chair then resumed the review of the agenda presentation:

- Mr. Chalupsky asked if anyone was attending from the press including those who would run a public blog on this meeting – there were no indications from the group.
- Mr. Chalupsky noted that there should be no recording or photography without permission.

Mr. Chalupsky reviewed the goals for the meeting, access to the reflector and website, and ground rules.

Mr. Chalupsky then continued review of the presentation, including the objectives for the projects and Big Ticket items for this meeting including recirculation ballot and resolution meeting schedule to open discussion about the Working Group recirculation ballots and the request for Sponsor Ballot.

**Attendance,** Mr. Chalupsky advised the group of the IEEE meeting attendance tool and procedures, including both the attendance book and the web attendance tracking tool.

**IEEE Patent Policy**, at **1:46 PM**, Mr. Chalupsky read slides 1 through 3 on the patent policy from [agenda 3bq 01 1115.pdf](#). Mr. Chalupsky made the call for potentially essential patents at **1:49 PM**, and none responded. Mr. Chalupsky then completed the reading of slide #4.

Mr. Chalupsky then continued review of the presentation, discussing that the group had entered the “Working Group Ballot” phase where we would be primarily comment driven.

### **LIAISONS**

The Chair moved to liaisons, and noted the Task Force had not received any liaisons for 802.3bq for this meeting.

The Chair completed review of the presentation noting the project objectives for the group were unchanged from the prior meeting.

### **PRESENTATIONS**

The Chair then moved to the presentations for the meeting. (Secretary’s note – where significant group discussion occurred, particularly involving future actions, a summary of any follow-on points is provided. Abstracts are given as a guide to the presentation material, where possible, these are as provided by the authors.)

#### **Ad Hoc Report**

**Title:** 802.3bq Editor’s Report ([zimmerman 3bq 01b 1115.pdf](#))

**Abstract:** The editor reported on the status and comments received of the draft 2.3, along with a proposed agenda for comment resolution.

**Presenter:** George Zimmerman, CME Consulting / Aquantia & Commscope, Chief Editor IEEE P802.3bq

#### **Discussion:**

The Chief Editor presented his report, including the present status of the draft, a summary of comments received against D2.3.

The Editor outlined the comments by topic, and reminded participants that the comments had been posted by topic on the website, with the Editor reminding the group via reflector to review the EZ bucket, as this group was intended to be approved by a single motion.

The editor then asked the group if anyone wished to view the EZ bucket comments on the screen; no request was made and the comments were not displayed. The Editor then asked the group that if anyone wished to remove a comment from the EZ bucket, they do so now. None heard.

The Editor then presented the following motion:

**Motion #3: Approve the proposed resolution of all EZ comments, marked with the EZ Topic in**

[http://www.ieee802.org/3/bq/comments/EZ\\_8023bq\\_D2p3\\_Page\\_proposed.pdf](http://www.ieee802.org/3/bq/comments/EZ_8023bq_D2p3_Page_proposed.pdf)  
**excepting none.**

**M: George Zimmerman S: Jon Lewis**

**Approved by voice vote without objection (Technical >=75%) at 2:12pm**

The meeting was recessed for a short break at 3:20 PM

The meeting resumed at 4:02 PM

The Editor reviewed a summary of the remaining topics and the comment resolution agenda.

At this time, the editor's report was concluded and the Editor moved to comment resolution.

### **COMMENT RESOLUTION**

Resolution of comments by consensus or motion is listed in the comment database. Procedural events and significant motions are below.

Decisions during comment resolution were made by consensus, except where noted that motions were taken.

**Meeting recessed for the day at 5:14 PM, Monday, November 9, 2015.**

**The Meeting resumed at 9:05 AM, Tuesday, November 10, 2015.**

After introductions the meeting resumed with comment resolution.

The meeting was recessed for a short break at 10:30 AM

The meeting resumed at 10:49 AM

**Title:** "On Maguire P802.3bq draft 2.3 comments related to subclauses 113.7.1 and 11.7.2" [maguire\\_3bq\\_01a\\_1115.pdf](#)

**Abstract:** This contribution provides a visual overview of changes proposed in the Maguire-4 and Maguire-5 P802.3bq draft 2.3 comments related to subclauses 113.7.1 and 11.7.2

**Presenter:** Valerie Maguire, Siemon

**Discussion:** See Comment resolution file.

**Motion #4:** Move to ACCEPT text as corrected in [maguire\\_01a\\_1115.pdf](#).

**M: Valerie Maguire**                      **S: Paul Vanderlaan**  
**Yes: 13**      **No: 13**                      **Abstain: 8 (Technical >=75%)**

**Motions Fails**

**Motion #5:** Move to ACCEPT IN PRINCIPLE adding a note to Table 113-21 under "Cabling", as follows:

"(1) Additionally, 25GBASE-T support over up to 30m of installed Category 7A cabling is possible when qualified per ISO/IEC TR 11801-9905"

**Motion #6:** Move to Amend Motion 5, deleting "Category 7A" from the text, to read: "(1) Additionally, 25GBASE-T support over up to 30m of installed cabling is possible when qualified per ISO/IEC TR 11801-9905"

M: Alan Flatman S: Masood Shariff  
Yes: 19 No: 6 Abstain: 6 (Technical >=75%)

**Motions PASSES**

**Motion #5 AS AMENDED:** Move to ACCEPT IN PRINCIPLE adding a note to Table 113-21 under "Cabling", as follows:

"(1) Additionally, 25GBASE-T support over up to 30m of installed cabling is possible when qualified per ISO/IEC TR 11801-9905"

M: Shadi AbuGhazaleh S: Valerie Maguire  
Yes: 8 No: 20 Abstain: 6 (Technical >=75%)

**Motions Fails**

**NO CONSENSUS TO CHANGE DRAFT**

**Motion #7:** MOVE TO ACCEPT IN PRINCIPLE:

Add Bibliography to the draft, inserting:  
ISO/IEC TR 11801-9905 (draft), Guidelines for the use of installed cabling to support 25GBASE-T

Add an Editor's Note following the entry as follows:

Reference to published version of ISO/IEC TR 11801-9905 will be substituted when available.

M: Valerie Maguire S: Paul Vanderlaan  
Yes: 9 No: 11 Abstain: 7 (Technical >=75%)

**Motions Fails**

**NO CONSENSUS TO CHANGE DRAFT**

**The Meeting was recessed at 12:30 PM.**

**The Meeting resumed at 9:44AM Wednesday, November 11, 2015.**

The Editor continued comment resolution.

**Motion #8:** delete "- in a star topology" on p181 L30 of draft 2.3 to satisfy comment # 480 from draft 2.0

M: Valerie Maguire S: Masood Shariff  
**Motion Passes by Voice without Objection: (Technical >=75%) at 10:06am**

Comment Resolution concluded at 10:17 AM

**The meeting was recessed for a short break at 10:42**

**The meeting resumed at 11:05**

**Motion#9: Move to instruct editor to create IEEE P802.3bq D2.4 from D2.3 and closed comments for WG recirculation.**

**M: Jon Lewis      S: Shadi AbuGhazaleh**

**Yes: 27      No: 0      Abstain: 0 (Technical >=75%) at 11:08am**

**Motions Passes**

**Motion#10: Move to:**

- **Reaffirm the P802.3bq CSD responses in <https://mentor.ieee.org/802-ec/dcn/15/ec-15-0069-00-ACSD-802-3bq.pdf>**
- **Request 802.3 WG to seek conditional EC approval to conduct sponsor ballot.**
- **Direct the task force chair to make the following motion to 802.3**
  - **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 IEEE 802 LMSC sponsor ballot once the Working Group ballot process has been successfully completed.**

**M: Jon Lewis      S: George Zimmerman**

**Yes: 29      No: 0      Abstain: 0 (Technical >=75%) at 11:11am**

**Motions Passes**

The Chair indicated that there is a contingent interim on Friday, December 11, 2015 in Santa Clara, CA.

The Chair moved to the P802.3bq schedule for discussion.

**Straw Poll #1: I will attend the P802.3bq contingent interim (if held) on December 11th, 2015**

In person (Santa Clara, CA):	9
Teleconference:	8

Having completed the presentations and comment resolution business for the meeting, the Chair reviewed future meeting plans in the agenda presentation.

No further motions of business were offered.

**Adjournment**

**Motion #11: To adjourn the meeting.**

**M: Shadi AbuGhazaleh      S: Theo Brillhart**

**MOTION PASSES by voice without opposition**

**The Meeting was adjourned at 12:33PM, Wednesday, November 11, 2015.**

Appendix A: Attendees at IEEE P802.3bq Task Force Meeting, November 9-11, 2015

P802.3bq & P802.3bz November'15				11/9/15	11/10/15	11/11/15
Last Name	First Name	Employer	Affiliation	Monday	Tuesday	Wednesday
AbuGhazaleh	Shadi	Hubbell	Hubbell	X	X	X
Aekins	Rob	Legrand	Legrand	X	X	X
Amason	Dale	Freescale	Freescale		X	X
Bains	Amrik	Cisco	Cisco	X	X	X
Berglund	Victor	Microsemi	Microsemi	X	X	
Bohm	Mark	Microchip Technology	Microchip Technology	X		
Brillhart	Theo	Fluke Electronics	Fluke Electronics	X	X	X
Carty	Clark	Cisco	Cisco	X	X	X
Chalupsky	David	Intel	Intel	X	X	X
Chang	Jacky	HP	HP		X	
Chuang	Keng Hua	HP	HP		X	X
Dessalegn	Yehuala	Addis Ababa University	Addis Ababa University			X
DiMinico	Christopher	MC Communications	Panduit	X	X	X
Dinh	Thuyen	Pulse Electronics	Pulse Electronics	X		
Estes	Dave	Spirent	Spirent	X	X	X
Farjad	Ramin	Aquantia	Aquantia	X	X	X
Feyh	German	Broadcom	Broadcom	X	X	X
Hamidy	Farid	Pulse	Pulse		X	X
Hammond	Bernard	TE Connectivity	TE Connectivity		X	X
Hess	Dave	Cord Data	Cord Data	X	X	X
Jimenez	Andrew	Anixter Inc.	Anixter Inc.	X	X	X
Jones	Peter	Cisco	Cisco	X	X	X
Kawatsu	Yasuaki	Hitachi-Cable	Hitachi-Cable		X	
Klempa	Mike	UNH-IOL	UNH-IOL	X	X	X
Kountz	Dennis	Chemours	Chemours	X		
Lackner	Hans	QoSCom Gmbh	QoSCom Gmbh	X	X	
Law	David	Hewlett Packard Enterprise	Hewlett Packard Enterprise	X		
Lewis	Jon	Dell	Dell	X	X	X
Lo	William	Marvell	Marvell		X	
Maguire	Valerie	Siemon	Siemon	X	X	X
McClellan	Brett	Marvell	Marvell		X	X
Moffitt	Bryan	Commscope	Commscope	X	X	X
Nordin	Ron	Panduit Corp.	Panduit Corp.	X	X	X
Pan	Hui	Broadcom	Broadcom	X		
Poulsen	Jeffrey	Leviton	Leviton	X	X	X
Renteria	Victor	Belfuse Inc	Belfuse Inc	X	X	X
Schicketanz	Dieter	Consultant	Reutlingen University	X	X	X
Sedarat	Hossein	Aquantia	Aquantia	X	X	X

<b>P802.3bq &amp; P802.3bz November'15</b>				<b>11/9/15</b>	<b>11/10/15</b>	<b>11/11/15</b>
<b>Last Name</b>	<b>First Name</b>	<b>Employer</b>	<b>Affiliation</b>	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>
Shariff	Masood	Commscope	Commscope	X	X	X
Shirani	Ramin	Aquantia	Aquantia	X	X	X
Souvignier	Tom	Broadcom	Broadcom	X	X	X
Thompson	Geoff	Independent	Independent			X
Vaden	Sterling	Surtec, Ind.	Vaden Enterprises	X	X	X
Vanderlaan	Paul	Berk-Tek LLC	Berk-Tek LLC	X	X	X
Wang	Xiaofeng	Qualcomm	Qualcomm	X	X	
Wu	Peter	Marvell	Marvell	X	X	X
Yang	Miji	Realtek	Realtek	X	X	X
Yu	Jerome	Realtek	Realtek	X	X	X
Zhang	Huan Lin	Applied Optoelectronics, Inc.	Applied Optoelectronics, Inc.		X	
Zimmerman	George	CME	Commscope, Aquantia	X	X	X