

Approved Minutes

# IEEE P802.3cd 50 Gb/s, 100 Gb/s, 200 Gb/s Ethernet Task Force

Interim Meeting  
September 11, 2018  
Spokane, WA, USA  
Prepared by Kent Lusted

# Table of Contents

[Table of Contents](#)

[IEEE P802.3cd 50 Gb/s, 100 Gb/s, 200 Gb/s Ethernet Task Force – September 11, 2018](#)

[Attendees](#)

# IEEE P802.3cd 50 Gb/s, 100 Gb/s, 200 Gb/s Ethernet Task Force – September 11, 2018

*Prepared by Kent Lusted*

IEEE P802.3cd 50 Gb/s, 100 Gb/s, and 200 Gb/s Ethernet Task Force meeting convened at ~9:00 a.m., by Mark Nowell.

Chair welcomed attendees.

Introductions were made.

Chair reviewed agenda in

[http://www.ieee802.org/3/cd/public/Sept18/agenda\\_3cd\\_01a\\_0918.pdf](http://www.ieee802.org/3/cd/public/Sept18/agenda_3cd_01a_0918.pdf)

## **Motion #1:**

Move to approve the agenda:

- Moved by: M. Dudek
- Second by: P. Anslow
- Passed by voice without opposition

Minutes were posted shortly after the July meeting. Chair asked if there was any feedback on the posted minutes. No one responded.

## **Motion #2:**

Move to approve the July 2018 minutes:

- Moved by: M. Gustlin
- Second by: G. McSorley
- Passed by voice without opposition

Chair reminded participants to observe meeting decorum. Called for members of the press. No one responded. Photography and recording are not permitted.

Chair noted that Adam Healey will be serving as the Chief Editor this week due to Matt Brown's absence.

Chair reviewed the reflector and web information. Chair reviewed the ground rules for the meeting.

Chair reviewed the attendance procedures. Chair reminded participants to sign into the IEEE Meeting Attendance Tool and to sign the book.

Chair reviewed the IEEE structure.

Chair reviewed the Bylaws and Rules slides in [http://www.ieee802.org/3/cd/public/Sept18/agenda\\_3cd\\_01a\\_0918.pdf](http://www.ieee802.org/3/cd/public/Sept18/agenda_3cd_01a_0918.pdf)

Chair noted that there was a slide with a statement on the participation in IEEE 802 Meetings. Chair noted that by participating in the IEEE 802 meeting, that participants accept these requirements. Chair asked if there were questions about the participation requirements. No one responded.

**IEEE Patent Policy:** Chair reviewed the Patent related slides on the 4 slides contained in the agenda. Chair calls for potentially essential patents. No one responded. Chair read the Guidelines for IEEE WG meetings. No one responded.

**Chair advised the WG attendees that:**

- The IEEE's patent policy is described in Clause 6 of the *IEEE-SA Standards Board Bylaws*;
- Early identification of patent claims which may be essential for the use of standards under development is strongly encouraged;
- There may be Essential Patent Claims of which the IEEE is not aware. Additionally, the IEEE, the WG, nor the WG chair can ensure the accuracy or completeness of any assurance or whether any such assurance is, in fact, of a Patent Claim that is essential for the use of the standard under development.

No one responded.

Chair reviewed the IEEE 802.3 Standards Process.

Chair noted that he anticipates to request RevCom pre-submittal at the Working Group meeting this week.

Chair noted that a liaison letter was received from the OIF. Draft text was posted to the website for the participants to review.

Chair reviewed the links to the P802.3cd Ethernet Task Force approved project documentation.

Chair reviewed the adopted objectives.

Chair reviewed the adopted timeline and the current timeline. Chair reviewed the path to completing sponsor ballot.

Chair reviewed the D3.4 recirculation Sponsor Ballot results. Chair reviewed the criteria to complete the Sponsor Ballot cycle.

Chair reviewed the path to completion. Chair noted that changes will be made to the draft and a recirculation will be needed. The contingent interim on October 9 is to review comments against Draft 3.5. If there are no comments, the contingent will be cancelled. If there are changes, the pre-submittal to RevCom will be removed. Chair noted that for the contingent interim, he will use motions not straw polls to assess the consensus to make changes to the draft.

Goals for the meeting:

- Comment Resolution
- Review Technical presentations
- Generate D3.5

Chair reviewed the meeting agenda.

The contingent meeting requires registration. Please contact the Chair for the call information.

Chair thanked Dell EMC for hosting the September interim.

Future Meetings:

- Oct 9 contingent interim
- November 2018 Plenary
  - Week of November 11, 2018 – Bangkok, Thailand

Anyone interested in hosting a meeting should contact the Chair or Steve Carlson.

Chair asked if anyone wanted to see the Task Force ad hoc report. No one responded.

### **Presentation #1:**

“Chief Editor’s Report”, Adam Healey for Matt Brown

See: [http://www.ieee802.org/3/cd/public/Sept18/brown\\_3cd\\_01\\_0918.pdf](http://www.ieee802.org/3/cd/public/Sept18/brown_3cd_01_0918.pdf)

- Adam Healey thanked the editors and advisors for their efforts to review and produce the draft.
- Chair thanked the editorial team for their work to prepare the draft and comment responses.

**Presentation #2:**

“Comment Agenda”, Adam Healey for Matt Brown

See: [http://www.ieee802.org/3/cd/public/Sept18/brown\\_3cd\\_02\\_0918.pdf](http://www.ieee802.org/3/cd/public/Sept18/brown_3cd_02_0918.pdf)

- There were no comments assigned to the “bucket”.

Comment resolution began.

**Presentation #3:**

“Tidying up the MMF specifications”, Piers Dawe

See: [http://www.ieee802.org/3/cd/public/Sept18/dawe\\_3cd\\_01b\\_0918.pdf](http://www.ieee802.org/3/cd/public/Sept18/dawe_3cd_01b_0918.pdf)

- Updated version ‘01b’ with corrections noted during presentation.
- Clarifying questions were asked and answered.

Break at ~10:30 a.m. Resumed at ~10:55 a.m.

**Presentation #4:**

“Proposal to revert-back flexibility in TDECQ Definition”, Tom Palkert

See: [http://www.ieee802.org/3/cd/public/Sept18/palkert\\_3cd\\_01a\\_0918.pdf](http://www.ieee802.org/3/cd/public/Sept18/palkert_3cd_01a_0918.pdf)

- Updated version ‘01a’ with editorial comments.
- Clarifying questions were asked and answered.

Chair noted that a presentation with the proposed responses and changes to the TDECQ measurement bandwidth related is posted to the website. See:

[http://www.ieee802.org/3/cd/public/Sept18/king\\_3cd\\_01\\_0918.pdf](http://www.ieee802.org/3/cd/public/Sept18/king_3cd_01_0918.pdf)

**Presentation #5:**

“TDECQ capture bandwidth proposal”, Pavel Zivny for Kees Propstra

See: [http://www.ieee802.org/3/cd/public/Sept18/propstra\\_3cd\\_01a\\_0918.pdf](http://www.ieee802.org/3/cd/public/Sept18/propstra_3cd_01a_0918.pdf)

- Updated version ‘01a’ posted on the website with a technical change. No one objected.

Chair reminded participants to sign into the IEEE Meeting Attendance Tool and to sign the book.

Break at ~11:50 a.m. Resumed at ~1:10 p.m.

Displayed the liaison letter draft text. Changes were made and saved as IEEE\_8023\_to\_OIF\_cd\_0918\_liaison\_draft.docx.

**Motion #3:**

Move that the Task Force approve the text in:

- IEEE\_8023\_to\_OIF\_cd\_0918\_liaison\_draft.docx with editorial license granted to the Chair (or his appointed agent) as a liaison to OIF.

M: P. Anslow

S: M. Dudek

Technical ( $\geq 75\%$ )

Results: passes by voice without opposition

**Presentation #6:**

“Changes to TDECQ, SECQ and transition time measurement bandwidths”, Jonathan King

See: [http://www.ieee802.org/3/cd/public/Sept18/king\\_3cd\\_01\\_0918.pdf](http://www.ieee802.org/3/cd/public/Sept18/king_3cd_01_0918.pdf)

- Clarifying questions were asked and answered.

Comment resolution continued.

**Straw Poll #1:**

See comment #r04-15 in the resolved comment responses for the details.

**Straw Poll #2:**

See comment #r04-17 in the resolved comment responses for the details.

**Straw Poll #3:**

See comment #r04-14 in the resolved comment responses for the details.

**Straw Poll #4:**

See comment #r04-18 in the resolved comment responses for the details.

There was some discussion on the conclusion of straw poll #4. Chair noted that a simple majority (i.e.  $>50\%$ ) has been used to determine direction to close each individual comment throughout the project. A final technical motion is taken to accept all the final comment responses at the end of comment resolution. This has been the consistent process that the TF has been operating under. Chair noted that he has already announced that for the upcoming October contingent interim where we expect very few comments will use motions instead of straw polls to ensure strong consensus on changes to the draft.

Break at ~3:00 p.m. Resumed at ~3:20 p.m.

Piers Dawe withdrew comment #r04-10.

Comment resolution ended.

#### **Motion #4**

Move to:

- Generate Draft 3.5 from Draft 3.4 and closed comments

M: Adee Ran

S: Kent Lusted

Technical ( $\geq 75\%$ ),

Results: passed by voice without opposition

#### **Motion #5:**

Move that

- the P802.3cd Task Force re-affirm the CSD responses in <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0060-02-ACSD-802-3cd.pdf> and request conditional approval to progress the IEEE P802.3cd draft to RevCom once the Sponsor ballot process has been successfully completed.

M: Kent Lusted

S: Jonathan King

Technical ( $\geq 75\%$ ),

Y: 51, N:0, A: 0

Chair reminded participants of the contingent interim in October.

Chair thanked the Task Force for their effort. Chair thanked the editorial team and asked them to stand up. Chair asked for a round of applause. There was thunderous applause.

Chair thanked Adam Healey for representing the Chief Editor at this meeting.

#### **Motion #6:**

Move to Adjourn:

- Moved by: Greg McSorley
- Second by: Adee Ran
- Passed by voice vote without opposition

Meeting ended at ~4:00 p.m.



## Attendees

P802.3cd, Sept 2018				11-Sep-18
Last Name	First Name	Employer	Affiliation	Tuesday
Abbott	John	Corning	Corning	x
Aekins	Robert	Legrand	Legrand	x
Anslow	Pete	Ciena Corporation	Ciena Corporation	x
Baca	Rich	Microsoft	Microsoft	x
Baumgartner	Steven	Global Foundries	Global Foundries	x
Ben Artsi	Liav	Marvell Semiconductor	Marvell Semiconductor	x
Bouda	Martin	Fujitsu	Fujitsu	x
Braun	Ralf-Peter	Deutsche Telekom	Deutsche Telekom	x
Burrell	Gary	Elenion Technologies	Elenion Technologies	x
Butter	Adrian	Global Foundries	Global Foundries	x
Carlson	Craig	Marvell	Marvell	x
Chalupsky	David	Intel	Intel	x
Chang	Frank	Source Photonics	Source Photonics	x
Chattapadhyay	Biman	Synopsys	Synopsys	x
Cole	Chris	Finisar	Finisar	x
DeAndrea	John	Finisar	Finisar	x

Djahanshahi	Hormoz	microsemi	microsemi	x
Dudek	Mike	Marvell Technologies	Marvell Technologies	x
Ewen	John	Global Foundries	Global Foundries	x
Filip	Jan	Maxim Integrated Products Inc.	Maxim Integrated Products Inc.	x
Ghiasi	Ali	Ghiasi Quantum, Huawei	Ghiasi Quantum, Huawei	x
Goldberg	Jonathan	IEEE-SA	IEEE-SA	x
Gong	Zhigang	O-net	O-net	x
Gore	Brandon	Samtec	Samtec	x
Gorshe	Steve	microchip	microchip	x
Gustlin	Mark	Xilinx	Xilinx	x
He	Xiang	Huawei	Huawei	x
Healey	Adam	Broadcom Inc.	Broadcom Inc.	x
Heck	Howard	Intel	Intel	x
Hegde	Raj	Broadcom	Broadcom	x
Holden	Brian	Kandou Bus	Kandou Bus	x
Isono	Hideki	Fujitsu Optical Components	Fujitsu Optical Components	x
Issenhuth	Tom	Huawei	Huawei	x
Jackson	Ken	Sumitomo	Sumitomo	x
Johnson	John	Broadcom	Broadcom	x
Kareti	Upen Reddy	Cisco	Cisco	x

Kimber	Mark	Semtech	Semtech	x
Klempa	Mike	UNH-IOL	UNH-IOL	x
Lackner	Hans	QosCOM	QoSCOM	x
Lambrecht	Frank	Gigamon Inc	Gigamon Inc	x
LeCheminant	Greg	Keysight Technologies	Keysight Technologies	x
Lewis	Dave	Lumentum	Lumentum	x
Li	Mike	Intel	Intel	x
Liu	Hai-Feng	Intel	Intel	x
Liu	Karen	Lightwave Logic	Lightwave Logic	x
Lu	Yuchun	Huawei	Huawei	x
Lusted	Kent	Intel	Intel	x
Maki	Jeffery	Juniper Networks	Juniper Networks	x
Malicoat	David	Senko/Aquantia	Senko/Aquantia	x
Matoglu	Erdem	Amphenol	Amphenol	x
McSorley	Greg	Amphenol	Amphenol	x
Mellitz	Richard	Samtec	Samtec	x
Nakamoto	Edward	Spirent Communications	Spirent Communications	x
Nicholl	Gary	Cisco	Cisco	x
Nicholl	Shawn	Xilinx	Xilinx	x
Nowell	Mark	Cisco	Cisco	x
Ofelt	David	Juniper Networks	Juniper Networks	x

Pachon	Arturo	TE Connectivity	TE Connectivity	x
Palkert	Tom	Molex - MACOM	Molex - MACOM	x
Parthasarathy	Vasudevan	Broadcom	Broadcom	x
Pham	Phong	US Conec	US Conec	x
Piehler	David	Dell EMC	Dell EMC	x
Quan	Mingran	Huawei	Huawei	x
Rabinovich	Rick	Keysight Technologies	Keysight Technologies	x
Ran	Adee	Intel	Intel	x
Rechtman	Zvi	Mellanox	Mellanox	x
Rotolo	Salvatore	ST Microelectronics	ST Microelectronics	x
Sakai	Toshiaki	Socionext	Socionext	x
Slavick	Jeff	Broadcom Limited	Broadcom Limited	x
Sommers	Scott	Molex	Molex	x
Sprague	Ted	Infinera	Infinera	x
Stassar	Peter	Huawei	Huawei	x
Sun	Phil	Credo	Credo	x
Swanson	Steve	Corning	Corning	x
Takahara	Tomoo	Fujitsu Laboratories	Fujitsu Laboratories	x
Tracy	Nathan	TE Connectivity	TE Connectivity	x
Trowbridge	Steve	Nokia	Nokia	x

Twombly	Jeff	Credo	Credo	x
Ulrichs	Ed	Source Photonics	Source Photonics	x
Withey	James	Fluke	Fluke	x
Zambell	Andrew	Amphenol	Amphenol	x
Zhuang	Yan	Huawei	Huawei	x
Zivny	Pavel	Tektronix	Tektronix	x