

Unapproved Minutes
IEEE P802.3cd 50 Gb/s, 100 Gb/s, 200 Gb/s Ethernet Task Force
Interim Meeting
May 22, 2017
New Orleans, LA, USA
Prepared by Kent Lusted

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IEEE P802.3cd 50 Gb/s, 100 Gb/s, 200 Gb/s Ethernet Task Force – May 22, 2017

Prepared by Kent Lusted

IEEE P802.3cd 50 Gb/s, 100 Gb/s, and 200 Gb/s Ethernet Task Force meeting convened at ~8:35 a.m., by Mark Nowell, Task Force Chair.

Chair welcomed attendees.

Introductions were made.

Chair reviewed agenda in http://www.ieee802.org/3/cd/public/May17/agenda_3cd_01_0517.pdf

Motion #1:

Move to approve the agenda:

- Moved by: Tom McDermott
- Second by: Mike Dudek
- Passed by voice without opposition

Minutes were posted shortly after the March meeting. Chair asked if there were any comments on the posted minutes. No one responded.

Motion #2:

Move to approve the March 2017 minutes:

- Moved by: Mike Dudek
- Second by: Pete Anslow
- Passed by voice without opposition

Chair thanked Kent Lusted for chairing the March meeting.

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

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 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/May17/agenda_3cd_01_0517.pdf

Chair noted that there was a new slide with a statement on the participation in IEEE 802 Meetings. 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 a liaison from the OIF was received in April with a copy of the OIF specification. The letter and document is posted to the website. The Task Force will need to prepare a response for consideration.

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

Chair reviewed the adopted objectives.

Chair reviewed the adopted timeline.

The technical presentations will be addressed during comment resolution.

Goals for the meeting:

- Comment Resolution
- Review Technical presentations
- Generate Draft 1.4

Chair reviewed the meeting agenda.

Future Meetings:

- July 2017 Plenary
 - Week of July 10, 2017 – Berlin, Germany
- Sept 2017 Interim
 - Week of September 11, 2017 – Charlotte, NC, USA
- Nov 2017 Plenary

- Week of November 5, 2017 – Orlando, FL, USA

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

IEEE P802.3cd Task Force Ad-hoc report:

“802.3cd Task Force Ad-hoc report”, Kent Lusted

See: http://www.ieee802.org/3/cd/public/May17/lusted_3cd_01_0517.pdf

- Tentatively expect calls to resume on June 7, 2017. Announcement will be made over the email reflector

Presentation #1:

“Chief Editor’s Report”, Matt Brown

See: http://www.ieee802.org/3/cd/public/May17/brown_3cd_01_0517.pdf

- Chair thanked the editors and advisors for their efforts to review and produce the draft.

Presentation #2:

“Comment Agenda”, Matt Brown

See: http://www.ieee802.org/3/cd/public/May17/brown_3cd_02_0517.pdf

- Matt noted that 2 magenta items not explicitly covered by comments were found in Clause 136B and asked Chris Diminico to investigate them and pointed out that we will address them using comment #50.
- Matt reviewed the list of comments considered “bucket” worthy. (see: http://www.ieee802.org/3/cd/comments/8023cd_D13_comment_proposed_responses_bucket_list.pdf)
- Matt asked participants to review the proposed responses for the “bucket worthy” comments and notify the Chair, the Chief Editor and the Recording Secretary of any comments that should be addressed on the Task Force floor. The proposed responses to the unresolved bucket comments will be adopted in motion during closing business.

Comment resolution began.

Raj Hegde withdrew comment #57.

Break at ~10:30 a.m. Resume at ~11:00 a.m.

There was a request to address comment #54 from the bucket list on the floor.

Presentation #3:

“Current COM spec is broken between channel and Rx (comment #32)”, Yasuo Hidaka

See: http://www.ieee802.org/3/cd/public/May17/hidaka_3cd_01a_0517.pdf

- There was much discussion on the margin in the channels and the reference receiver.

Chair asked if there was objection to completing the copper related comments prior to lunch break. There was no objection.

Break at ~12:30 pm. Resume at ~1:45 p.m.

Chair displayed the proposed liaison letter to the OIF (see:

http://www.ieee802.org/3/cd/public/May17/IEEE_802d3cd_to_OIF_CEI_0517_liaison_draft.pdf).

Chair asked for feedback on the proposed text. No changes were made.

Motion #3:

Move that the Task Force approve the text in IEEE_802d3cd_to_OIF_CEI_0517_liaison_draft.pdf with editorial license granted to the Chair (or his appointed agent) as a liaison from the IEEE

P802.3cd Task Force to OIF

- M: Mike Dudek
- S: Steve Trowbridge
- Technical ($\geq 75\%$),
- Results: pass by voice without opposition

Comment #33 was withdrawn by Yasuo Hidaka.

Presentation #4:

“100GBASE-DR, ER vs MPI”, Jonathan King

See: http://www.ieee802.org/3/cd/public/May17/king_3cd_01_0517.pdf

- Clarifying questions were asked and answered.
- Discussed the impact to extinction ratio

Presentation #5:

“100GBASE-DR optical reflection limits”, Pete Anslow

See: http://www.ieee802.org/3/cd/public/May17/anslow_3cd_01_0517.pdf

- Clarifying questions were asked and answered.

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

Break at ~3:05pm. Resume at ~3:30pm.

Presentation #6:

“Improved extinction ratio specs - Supporting comments 44 and 47”, Piers Dawe

See: http://www.ieee802.org/3/cd/public/May17/dawe_3cd_01_0517.pdf

Piers Dawe requested comment #6 from the bucket list be addressed on the floor.
Comment resolution concluded.

Attendance straw polls:

- I will attend the IEEE P802.3cd meetings at the July plenary in Berlin, Germany (week of July 10, 2017)
 - P802.3cd: Y: 42 , M: 11
- I will attend the IEEE P802.3cd meetings at the September interim in Charlotte, NC, USA (week of September 11, 2017)
 - P802.3cd: Y: 52 , M: 13

Motion #4:

Move to

- Accept the proposed responses to any unresolved comments listed in 8023cd_D13_comment_proposed_responses_bucket_list.pdf
- Generate Draft 2.0 from Draft 1.3 and closed comments
- Request that IEEE 802.3 WG progress the Draft to WG Ballot
- M: Matt Brown
- S: Kent Lusted
- Technical ($\geq 75\%$),
- Y: 67, N: 0, A: 0
- Results: passes!

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

Motion #5:

Move to Adjourn:

- Moved by: Tom McDermott
- Second by: Thananya Baldwin
- Passed by voice vote without opposition

Meeting ended at ~5:10 p.m.

Attendees

P802.3cd, May 2017			22-May-17
Last Name	First Name	Affiliation	Monday
Alvarado	Natasha	IEEE-SA	x
Anslow	Pete	Ciena Corporation	x
Braun	Ralf-Peter	Deutsche Telekom	x
Brooks	Paul	Viavi Solutions	x
Brown	Matt	MACOM	x
Burrell	Gary	Elenion Technologies	x
Butter	Adrian	Global Foundries	x
Caggioni	Francesco	MACOM	x
Chang	Frank	Inphi	x
Chen	David	Applied Optoelectronics	x
Dawe	Piers	Mellanox	x
Dillow	Daniel	Amphenol	x
DiMinico	Christopher	MC Communications/Panduit	x
Dong	Peter	Huawei	x
Dudek	Mike	Cavium	x
Estes	Dave	Spirent Communications	x
Ewen	John	Global Foundries	x
Gong	Zhigang	O-net	x
Guo	Bujin	Applied Optoelectronics	x
Hayakawa	Akinori	Fujitsu Laboratories	x
Heck	Howard	Intel	x

Hidaka	Yasuo	Fujitsu Laboratories of America	x
Ho	I Lung	AOI	x
Huang	Xi	Huawei	x
Isono	Hideki	Fujitsu Optical Components	x
Issenhuth	Tom	Huawei	x
Jackson	Ken	Sumitomo	x
Kareti	Upen Reddy	Cisco	x
Kimber	Mark	Semtech	x
Klempa	Mike	UNH-IOL	x
Kolesar	Paul	CommScope	x
LeCheminant	Greg	Keysight Technologies	x
Lewis	Dave	Lumentum	x
Li	Mike	Intel	x
Liu	Hai-Feng	Intel	x
Lusted	Kent	Intel	x
Maki	Jeffery	Juniper Networks	x
Malicoat	David	Kazan	x
Marris	Arthur	Cadence	x
McDermott	Tom	Fujitsu	x
Mellitz	Richard	Samtec	x
Minejima	Kenta	JAE	x
Moritake	Toshiyuki	JAE	x
Nakamoto	Edward	Spirent Communications	x
Nowell	Mark	Cisco	x
Ofelt	David	Juniper Networks	x
Pimpinella	Rick	Panduit Corp.	x

Rabinovich	Rick	IXIA	x
Rotolo	Salvatore	ST Microelectronics	x
Sakai	Toshiaki	Socionext	x
Sambasivan	Sam	AT&T	x
Sayre	Edward	Samtech LTD	x
Shirao	Mizuki	Mitsubishi Electric	x
Sprague	Ted	Infinera	x
Srivastava	Atul	NTT Electronics	x
Stassar	Peter	Huawei	x
Sun	Phil	Credo	x
Swanson	Steve	Corning	x
Szczepanek	Andre	Inphi	x
Takahara	Tomoo	Fujitsu Laboratories	x
Tooyserkani	Pirooz	Cisco	x
Tracy	Nathan	TE Connectivity	x
Traverso	Matt	Cisco	x
Trowbridge	Steve	Nokia	x
Uchzyna	Asami	Mitsubishi Electric	x
Ulrichs	Ed	Source Photonics	x
Wang	Hsiu-che	AOI	x
Wang	Tongtong	Huawei	x
Wang	Yi	AOI	x
Welch	Brian	Luxtera	x
Wertheim	Oded	Mellanox	x
Xu	Qing	Belden	x
Yingo	Yue	Huawei	x
Young	Adrian	Leviton	x
Young	James	Commscope	x
Zambell	Andrew	Amphenol	x
Zhang	Huanlin	Applied Optoelectronics	x

Zivny	Pavel	Tektronix	x
Zuo	Tianjian	Huawei	x