

Meeting Minutes

Group: IEEE P802.3ca 25 Gb/s, 50 Gb/s, and 100 Gb/s Ethernet Passive Optical Networks Task Force

Event: *Interim* meeting

Date: **From:** 12 September 2018 **To:** 13 September 2018

Location: Spokane WA USA

Opening

9/12/2018 9:00 AM The meeting was called to order by the Chair. Duane Remein volunteered to serve as recording secretary. Introductions were made.

Motion # 1

Approve the agenda for 802.3ca September 2018 Task Force meeting as shown in file agenda_3ca_1_0918.pdf after removing the contribution named mengyuan_ca_1_0918.pdf.

Moved: David Law

Second: Marek Hajduczenia

Procedural (>50%)

Motion Passed by Voice without opposition

Motion # 2

Approve the Minutes of 802.3ca Task Force meeting held July 2018, in San Diego, CA as shown in minutes_unapproved_3ca_0718.pdf and post the approved minutes as minutes_approved_3ca_0718.pdf

Moved: Duane Remein

Second: Mark Laubach

Procedural (>50%)

Motion Passed by Voice without opposition

The Chair gave the opening report (see tf_opening_3ca_0918.pdf). The chair reviewed the Task Force Web site / password, IEEE rules, and the IEEE patent policy.

9/12/2018 9:14 PM The chair made a call for patents, no response was made.

The Chair reviewed the IEEE Participation guidelines and process. The Chair reviewed the meeting goals, Task Force objectives, and timeline. Future meeting polls were taken.

Location (start date)	Planned attendance		
	Will	May	Will Not
Bangkok (11/15/18)	11	2	3
Long Beach (1/14/18)	12	2	1

Presentations

All presentations are in the following format:

Presentation # #

Title **Presenter** **affiliation**
Comments
Filename: filename.pdf

Presentation # 1

Update on IEEE P802.3ca PAR modification request **David Law** **HPE**

Mr. Law reviewed the modifications to the PAR the TF approved in the San Diego meeting and outlined several corrections that needed to be made including: the number of participants, base standard, International Standards Activity, and NesCom conventions #5 & #13a. Lastly the project scope statement in the PAR was updated to reflect the need to change MPCP.

Filename: P802_3ca_PAR_Detail.pdf & P802_3ca_PAR_Detail_full_web_view.pdf

Presentation # 2

802.3ca CSD [proposed revision] **Glen Kramer (for Bill Powell)** **Nokia**

This presentation suggested several textual changes be made to the CSD to align with our current plan to exclude 100 Gb/s MAC rate.

Filename: powell_3ca_1_0918.pdf

Motion # 3

Accept the PAR changes as presented in P802_3ca_PAR_Detail.pdf and CSD changes as presented in powell_3ca_1_0918.pdf

Moved: Glen Kramer Second: Duane Remein

Technical (≥75%) Motion Passed by voice without opposition

9/12/2018 10:15 AM Break, reconvened 10:45 AM.

Presentation # 3

802.3ca PHY Names Revisited **Glen Kramer** **Broadcom**

This presentation suggested potential revisions to how we name our large list of PHYs.

Filename: kramer_3ca_6_0918.pdf

Motion # 4

Adopt the PMD naming convention as presented on slide 11 of kramer_3ca_6a_0918.pdf. This motion supersedes motion #4 from the May 2018 meeting.

Moved: Glen Kramer Second: Duane Remein

For: 14 Against: 0 Abstain: 1

Technical (≥75%) Motion Passed

Comment resolution

9/12/2018 11:10 AM The TF began comment resolution. A total of 180 comments were received (57 E, 7 ER, 56 T, and 60 TR).

9/12/2018 12:00 PM Lunch break, reconvened 1:15 PM, continued comment resolution.

9/12/2018 3:00 PM break, reconvened 3:30 PM, continued comment resolution.

9/12/2018 5:45 PM Recessed for the day.

9/13/2018 9:00 AM Reconvened, continued presentations.

Presentation # 4

Optimized Interleaver for NG-EPON Upstream Shen Wei

ZTE

This presentation suggested an optimization was needed for FEC interleaving to mitigate burst errors early in the burst transmission.

Filename: wey_3ca_3_0918.pdf

Presentation # 5

Nx25G-EPON Receive PCS

Duane Remein

Huawei

This file proposed state diagrams, definitions and a functional block diagram to complete the PCS receive path specification.

Filename: remain_3ca_3a_0918.pdf

9/13/2018 10:10 AM continued comment resolution.

9/13/2018 10:35 AM Break, reconvened 11:08 AM, continued comment resolution.

9/13/2018 11:58 AM Lunch, reconvened 1:15 PM, continued comment resolution.

9/13/2018 3:10 PM Break, reconvened 3:30 PM, continued comment resolution.

9/13/2018 3:38 PM Completed comment resolution.

Motions & Straw Polls

Motion # 5

Move to accept the state diagrams, definitions, and figures for PCS receive side shown in remain_3ca_3a_0918.pdf slides 6 to 12 and incorporate in the draft under subsections of 142.3.5 "Receive data path state diagrams" as appropriate and remove section 142.3.5.4.5 "PCS Deframer process".

Moved: Duane Remein

Second: Glen Kramer

For: 14 Against: 0

Abstain: 1

Technical (>75%)

Motion Passed

Motion # 6

Move to accept all proposed comment resolutions with topic "bucket" in 802d3ca_d1_2_remaining_editorial.pdf.

Moved: Marek Hajduczenia

Second: Frank Effenberger

Technical (≥75%)

Motion Passed by Voice without opposition

Motion # 7

IEEE P802.3ca Task Force instructs the editor to produce draft version D1.3 from current draft version D1.2 by incorporating changes as recorded in 802d3ca_D1_2_approved.pdf and all approved motions.

Moved: Marek Hajduczenia

Second: Duane Remein

Technical (≥75%)

Motion Passed by Voice without opposition

Motion # 8

Move to adjourn.

Moved: Frank Effenberger

Second: Mark Laubach

Procedural (>50%)

Motion Passed by Voice without opposition

9/14/2018 5:55 PM Adjourned

Attendance

Full Name	Employeer	Affiliation(s)	12-Sep	13-Sep
John Abbott	Corning	Corning	x	x
Barry Colella	Source Photonics	Source Photonics	x	
Claudio Desanti	Google	Google	x	x
Frank Effenberger	Huawei	Huawei	x	x
Vincent Ferretti	Corning	Corning	x	
Bo Gao	Huawei	Huawei	x	x
Tamathani Goldbug	IEEE	IEEE	x	
Marek Hajduczenia	Charter	Charter	x	x
Joy Jiang	Google	Google	x	
John Johnson	Broadcom Inc.	Broadcom Inc.	x	x
Curtis Knittle	CableLabs	CableLabs	x	x
Glen Kramer	Broadcom Inc.	Broadcom Inc.	x	x
Mark Laubach	Broadcom Inc.	Broadcom Inc.	x	x
David Law	HPE	HPE	x	
Hanhyub Lee	ETRI	ETRI	x	x
Duane Remein	Huawei	Huawei	x	x
Steve Swanson	Corning	Corning	x	x
Tomoo Takahara	Fujitsu	Fujitsu	x	
Jun Shan Wey	ZTE Corp	ZTE Corp	x	x
Richard (Yujia) Zhou	Charter	Charter	x	
Pavel Zivny	Tektronix	Tektronix	x	