

Meeting Minutes

Group: IEEE 802.3 Bidirectional 10 Gb/s, 25 Gb/s, and 50 Gb/s Optical Access PHYs (NGBiDi) Task Force

Event: Interim meeting

Date: 14 January 2019

Location: Long Beach CA USA

Opening

1/14/2019 1:00 PM The meeting was called to order by David Law, the Working Group Chair. Duane Remein volunteered to serve as recording secretary. Frank Effenberger, was confirmed as the Task Force chair.

Motion # 1

Confirm Frank Effenberger as P802.3cp Bidirectional 10 Gb/s, 25 Gb/s, and 50 Gb/s Optical Access PHYs Task Force chair.

Moved: Duane Remein

Second: Marek Hajduczenia

For: 7 Against: 0

Abstain: 0

By rule ($\geq 75\%$)

Motion Passed by Voice without opposition

Unless noted otherwise all files referenced in these minutes are located at the following URL:
<http://www.ieee802.org/3/cp/public/1901/>.

Introductions were made and the Chair proposed an agenda.

Motion # 2

Move to approve the agenda as shown in 0119_BiDi_Task_Force_agenda.pdf.

Moved: Duane Remein

Second: Mark Laubach

Procedural ($>50\%$)

Motion Passed by Voice without opposition

Motion # 3

Move to approve the minutes from Nov 2018, located at:

http://www.ieee802.org/3/NGBIDI/public/1811/minutes_unapproved_NGBiDi_SG_1118_Bangkok.pdf.

Moved: Marek Hajduczenia

Second: Duane Remein

Procedural ($>50\%$)

Motion Passed by Voice without opposition

The chair gave his opening report (see 0119_BiDi_Task_Force_agenda.pdf) including: meeting goals, big ticket items, IEEE structure, and by-laws.

1/14/2019 1:12- The Chair made a call for patents; no response was made.

The chair reviewed slides covering meeting guidelines, patent-related information, meeting participation, IEEE process.

The group reviewed a liaison from ITU-T SG 15 entitled “Opening discussion on standardization of bidirectional optics for access“. The group briefly reviewed G.9806. The Chair took an action item to prepare a response for the March meeting.

The chair briefly reviewed project documents and presented a proposal for a timeline.

Presentations and Project Documentation

All presentations are in the following format:

Presentation # #

Title Presenter affiliation
Comments
Filename: FileRef

Presentation # 1

Baseline clause selection Frank Effenberger Futurewei

This presentation suggested the TF reuse as much as possible the existing standard. In particular for 10Gb/s CI 46, 49, 51, and 52, for 25Gb/s CI 106, 107, 108, 114 for 50Gb/s 132, 133, 134, 139 and the work of P802.3cn. It was suggested a new clause will be needed for each speed and possibly for the silent start feature.

Filename: 190114_Baseline Clause Selection.pdf

Presentation # 2

Baseline proposal of 25GBASE-BD PMD parameters **25GBASE-ER PMD** Hanhyub Lee ETRI

This presentation reviewed insertion loss and PMD parameter values for the 25Gb/s BiDi link.

Filename: 190114 25GBASE-ER PMD_hanhyublee.pdf. It was commented that the attenuation figure of 0.43 dB/km may need further investigation. It was also questioned if we want to write new clauses or modify existing clauses to create the new PMDs.

Filename: [190114 25GBASE-ER PMD_hanhyublee.pdf](#)

Presentation # 3

Baseline Proposal for 50 Gb/s BIDI **50G-Bidi baseline** Yu Xu Huawei

This presentation suggested a baseline proposal for the 50Gb/s BIDI using the same KP4 FEC as P802.3cn (50/100/200/400G SMF). It was noted that the exact numbers for the wavelength range are under discussion.

Filename: 190114_Baseline proposal-50G BIDI 2019.1.11.pdf

Closing

2:20 PM the Chair gave his closing report

Future meeting polls were taken.

Location (start date)	Planned attendance		
	Will	Will Not	May
Vancouver, BC (3/11/19)	9	2	0
Salt Lake UT (5/20/19)	9	2	0
Vienna Austria (7/15/19)	9	2	0

The Chair proposed holding one or more teleconferences (assuming sufficient contributions).

<p>Motion # 4 Move to adjourn. Moved: Duane Remein Second: Vince Ferretti Procedural (>50%) Motion Passed by Voice without opposition</p>

Attendance

Full Name	Employeer	Affiliation(s)
Claudio DeSanti	Google	Google
Frank Effenberger	Huawei	Huawei
Dawez Fali	Huawei	huawei
Vince Ferretti	Corning	Corning
Marek Hajduczenia	Charter	Charter
Curtis Knittle	CableLabs	CableLabs
Mark Laubach	Broadcom Inc..	Broadcom Inc..
David Law	HPE	HPE
Hanhyub Lee	ETRI	ETRI
Larry McMillan	Western Digital	Western Digital
Kevin Noll	Tibit Communication	Tibit Communication
Earl Parsons	CommScope	CommScope
Duane Remein	Huawei	Huawei
Edward Walter	AT&T	AT&T
Yu Xu	Huawei	Huawei
James Young	Commscope	Commscope