

# Meeting Minutes

*Group: IEEE P802.3cp 10/25/50G BiDi Task Force meeting*

*Location: Kona, USA*

*Date: November 12th-13th, 2019*

## Opening

1:30 PM The meeting was called to order by Frank Effenberger, the Task Force chair. Yuanqiu Luo was volunteered to be the Recording Secretary.

### Motion #1

Move to approve the agenda as recorded in

[http://www.ieee802.org/3/cp/public/1911/1119\\_BiDi\\_Task\\_Force\\_agendaR2.pdf](http://www.ieee802.org/3/cp/public/1911/1119_BiDi_Task_Force_agendaR2.pdf)

Moved: Ray Nering

Second: Marek Hajduczenia

Procedural (>50%)

Passed by voice without opposition

### Motion #2

Move to approve the September meeting minutes as recorded in

<http://www.ieee802.org/3/cp/public/1909/P802.3cp%20unapproved%20minutes%201909%20Indianapolis.pdf>

Moved: Ray Nering

Second: Mark Laubach

Procedural (>50%)

Passed by voice without opposition

The Chair gave his opening report including decorum, goals, big ticket items, reflector, web site, ground rules, process, attendance tool, etc.

1:40 PM The chair made a call for patents; no response was made.

The Chair reviewed the IEEE Participation guidelines and the updated IEEE SA Copyright policy.

## Presentations

**50G Wavelength Proposal for 50 Gb/s BIDI 40KM** Lemon Geng Huawei

This presentation reviewed thin film filter design in BOSA and its requirements on wavelength gap. It also compared cooled and uncooled Tx on wavelength requirements. The proposal is to use 1292.21-1296.59nm as US and 1306.29-1310.19nm as DS for 50G and 40km.

**Proposal of 25GBASE-BR & 50GBASE-BR PMD** Hanhyub Lee ETRI

This presentation reviewed three specs in D1.0: power budget values of 25GBASE-BRxx, average Launch/Receive Power values of 50GBASE-BRxx, and Maximum channel insertion loss versus number of discrete reflectance for 25GBASE-BR40+. The group discussed power budget calculation. It was clarified either the stressed launch power or the stressed sensitivity should be used in the calculation.

**Wavelength Consideration of BiDi 40km for 50Gb/s** Song Chen ZTE

This presentation presented wavelength selection for 50G and 40km. It pointed out the impacts from dispersion, isolation, and 100GHz wavelength grid. The proposed wavelengths are the same as the contribution by Mr. Lemon Geng.

**802.3cp D1.0 50G-40km Update** Tom Palkert Molex

This is a late breaking contribution. It proposed 1270/1310nm+/-10 wavelength pair for 50G and 40km. People would group the discussion into wavelength plan comment resolution.

## Draft 1.0 Comment Resolution

D1.0 received 38 comments. In wavelength plan comment resolution, members grouped meeting contributions into the discussion. Following Straw Polls are made:

**Straw Poll #1**

Wavelengths for 25G and 50G, distance 20km and 40km

- Chicago rules, vote early, vote often.

Option 1:	US 1290 +/-8nm	DS 1310 +/-8nm	Vote: 6
Option 2:	US 1292~1296	DS 1306~1310	Vote: 7
Option 2a:	US 1288+/-8	DS 1314+/-8	Vote: 14
Option 3:	US 1270 +/- 10	DS 1310 +/- 10	Vote: 6

- Room count: 20

**Straw Poll #2**

Wavelengths for 25G and 50G, distance 20km and 40km

Option 2a: US 1288+/-8 DS 1314+/-8

Yes-16, No-2, Abs-0

- It was concluded that there was a consensus for option 2a. This was reflected in the comment resolution.

In loss budget comment resolution, members reached consensus on the following classes:

BR10: 0dB-6.3dB, BR20: 0dB-15dB, BR40: 5dB-18dB, BR40+: 10dB-23dB. This was agreed to be included in Draft 1.1. Members were encouraged to do loss budget feasibility check.

5:10 PM 18 comments were resolved, .3cp will continue the rest on Nov. 13<sup>th</sup>

## Draft 1.0 Comment Resolution

Nov. 13<sup>th</sup>

8:30 AM Comment resolution was continued.

It was noted some of the comments were not properly input into the database. Motion #3 was made as follows:

**Motion #3**

Move to accept comments #39 to #51 into the database. (They were submitted on time, but were left out in a clerical mistake.)

Moved: Yuanqiu Luo

Second: Vince Ferretti

- Procedural >50%

Passed by voice without opposition

Members resolved all 51 comments.

## Motions and Closing

**Motion #4**

Move that the editor create draft 1.1 based upon draft 1.0, reflecting the motions and comment resolutions found in 802d3cp\_D1p0\_approved.pdf.

Moved: Yuanqiu Luo

Second: Hanhyub Lee

Results Y: 8 N: 0 A:

Technical (≥75%)

Motion Passed

The next Q2/15 face to face meeting happens two weeks after the next 802.3cp meeting; therefore, if .3cp want to send a formal liaison to that group, we can do it at the next meeting. The editor and chairman will work to keep the members of Q2/15 informed as to the status of our project, and keep their interest going.

The Chair recorded the normal future meeting polls.

The Chair proposed a teleconference on December 19<sup>th</sup>, will hold a doodlepoll to choose time.

**Motion #5**

Move to adjourn.

M: Bill Powell

S: Joseph Coffe

Procedural (>50%)

Passed by voice without opposition

12:15PM the meeting was adjourned.

## Draft 1.0 Comment Resolution



802d3cp\_D1p0\_app  
roved.pdf

### Attendees

<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
Frank Effenberger	Futurewei Technologies, Inc.	Futurewei Technologies, Inc.
Song Chen	ZTE	ZTE
Edward Walter	AT&T	AT&T
Yuanqiu Luo	Futurewei Technologies, Inc.	Futurewei Technologies, Inc.
Ray Nering	Cisco	Cisco
Joseph Coffey	Comscope	Comscope
Earl Parsons	Comscope	Comscope
Mark Nowell	Cisco	Cisco
Xiang He	Huawei	Huawei
David Lewis	Lumentum	Lumentum
Mark Laubach	Broadcom	Broadcom
Yu Xu	Huawei	Huawei
Hanhyub Lee	ETRI	ETRI
Frank Chang	Source	Source
Vince Ferretti	Corning	Corning
Limin Geng	Huawei	Huawei
Xiang He	Huawei	Huawei
Bill Powell	Nokia	Nokia
Marek Hajduczenia	Charter	Charter
Glen Kramer	Broadcom	Broadcom
Tom Palkert	Molex	Molex