

Meeting Minutes

Group: IEEE Greater than 50G bidirectional optical access PHYs task force meeting

Location: Zoom teleconference

Date: Feb 20, 2024

Opening

09:02 (GMT-5) The meeting was called to order by Yuanqiu Luo, chair. Frank Effenberger volunteered to be the Recording Secretary.

The task force chair gave her opening introduction on decorum, and the attendance will be captured from the Zoom system.

Motion 1

- Move to approve the agenda, located at:
- https://grouper.ieee.org/groups/802/3/dk/public/2402/8023dk_2402_Task_Force_agenda.pdf
M: Sisi Tan S: Vince Ferretti
- Motion result: Approved by voice without opposition.

Motion 2

- Move to approve the minutes from Jan 2024, located at:
- https://grouper.ieee.org/groups/802/3/dk/public/2402/2401_8023dk_unapproved_minutes.pdf
- M: Frank Effenberger S: Sisi Tan
- Motion result: Approved by voice without opposition.

The study group chair gave her opening introduction on goals, big ticket items, ground rules, process, attendance tool, and patent policy.

09:12 The task force acting chair made a call for patents; no response was made.

09:15 The task force chair reviewed the IEEE Participation guidelines and the IEEE SA Copyright policy.

All the usual IEEE policies and procedures were reviewed.

Goals for the January meeting were to consider the continuing draft of the 100G clause and discuss contributions on various technical issues, and editor's suggestions for completing the sub-clauses.

The draft 0.3 was reviewed briefly, highlighting the recently agreed additions.
It can be found at: <https://www.ieee802.org/3/dk/private/index.html> (password protected)

Presentations	Contributor	Affiliation
PMD parameters of 40km specification (BR40) Part3	Tomoo Takahara	Fujitsu
	Takuya Kanai	NTT Innovative Devices
	Hiroataka Nakamura	NTT Innovative Devices

This contribution was again a slight revision of their previous proposal for the BR40 budget. There was a discussion on the minimum average power, and how it is misleading in that it is based on an extinction ratio of infinity. The number is there to allow basic testing with a power meter possible, but as speeds get higher it becomes more and more unrealistic. Some thought will be given on a better "optimistic realistic" value of ER.

Discussions, straw-polls, other motions

Future meeting plan

The plans for our next meetings were discussed. The March 11-14 plenary will be in Denver, Colorado. Our group will meet Monday afternoon and Tuesday morning.

That brought us to the end of the agenda. The chair thanked all our participants.

Motion 3

Move to adjourn the meeting.

M: John Johnson S: Limin Geng
Motion passes by voice without opposition.

09:54 (GMT-5) Meeting adjourned

Attendees (15)

<u>Name</u>	<u>Affiliation</u>	<u>2/20/2024</u>
Craig Pasek	Cisco	X
Ernest Muhigana	Lumentum	<u>X</u>
Frank Effenberger	Futurewei	<u>X</u>
Guangcan Mi	Huawei	<u>X</u>
Hanhyub Lee	ETRI	<u>X</u>
John Johnson	Broadcom	<u>X</u>
Kenneth Jackson	Sumitomo	<u>X</u>
Limin Geng	Huawei	<u>X</u>
Piers Dawe	Nvidia	<u>X</u>
Sisi Tan	Huawei	<u>X</u>
Takuya Kanai	NTT	<u>X</u>
Tomoo Takahara	Fujitsu	<u>X</u>

Vince Ferretti	Corning	<u>X</u>
Yuanqiu Luo	Futurewei	<u>X</u>
Yuefeng Cai	Huawei	<u>X</u>