Meeting Minutes

Group: *IEEE Greater than 50G bidirectional optical access PHYs study group meeting*

Location: *Virtual Zoom Meeting (interim)*

Date: *October 5th 2022*

Opening

7:30 AM (EDT)   The meeting was called to order by Frank Effenberger, the study group chair. Yuanqiu Luo volunteered to be the Recording Secretary.

Motion 1
- Move to approve the agenda, located at:
- https://www.ieee802.org/3/GT50GBIDI/public/2210/1022_GT50GBiDi_SG_agenda.pdf
- M: Frank Effenberger   S: Vince Ferretti
- Motion result: Approved by voice without opposition

Motion 2
- Move to approve the minutes from Sep 2022, located at:
- https://grouper.ieee.org/groups/802/3/GT50GBIDI/public/2209/0922_GT50GBIDI_SG_unapproved_minutes.pdf
- M: Frank Effenberger   S: Yuanqiu Luo
- Motion result: Approved by voice without opposition

The study group chair gave his opening introduction on decorum, goals, big ticket items, ground rules, process, attendance tool, etc.

7:41 AM(EDT)   The study group chair made a call for patents; no response was made.

The study group chair reviewed the IEEE Participation guidelines and the IEEE SA Copyright policy.

Goals for the October meeting were to complete the 5 Criteria for Standards Development and Objectives

Study Group Contributions

Presentation: IEEE 802.3 Criteria for Standards Development (CSD), Frank Effenberger, Futurewei
https://www.ieee802.org/3/GT50GBIDI/public/2210/Draft%20GT50Gbidi%20CSDv2.pdf
Frank Effenberger presented this contribution. The proposed CSD included minor changes from September meeting discussion. Members reviewed the updated CSD.

Presentation: 802.3dk Objectives, Frank Effenberger, Futurewei
https://www.ieee802.org/3/GT50GBIDI/public/2210/Draft%20GT50Gbidi%20OBJv2.pdf

Frank Effenberger presented the draft objectives. Members worked together to improve the objective text. 400G was deleted for technical challenges to reach the target distances. BER requirements were split to two levels: 1e-12 for 100G and 1e-13 for 200G. This followed other 802.3 projects BER requirements.

Motion 3
- Move that the SG approve CSD as shown in https://grouper.ieee.org/groups/802/3/GT50GBIDI/public/2210/Draft_GT50Gbidi_CSD_V3.pdf , and forward to 802.3 for their approval
- Technical (>75%)
- M: Peter Stassar   S: Guangcan Mi
- Motion result: Approved by voice without opposition, motion passed

Motion 4
- Move that the SG approve objectives as shown in https://grouper.ieee.org/groups/802/3/GT50GBIDI/public/2210/Draft_GT50Gbidi_OBJv3.pdf , and forward to 802.3 for their approval
- Technical (>75%)
- M: Vince Ferretti   S: Yuanqiu Luo
- Motion result: Approved by voice without opposition, motion passed

Members discussed November meeting plan and possible meeting schedule.

Motion 5
- Move to adjourn the meeting.
- Procedural (>50%)
- M: Peter Stassar   S: Vince Ferretti
- Motion Result: Approved by voice without opposition

8:43AM(EDT)   Meeting adjourned

Attendees (8)

Name	Affiliation	10/05/2022
Dekun Liu	Huawei	X
Frank Effenberger	Futurewei	X
Guangcan Mi	Huawei	X
Hideki Isono	Fujitsu	X
Peter Stassar	Huawei	X
Piers Dawe	Nvidia	X
Vince Ferretti	Corning	X
Yuanqiu Luo	Futurewei	X