Meeting Minutes

Group: IEEE 802.3 NGBiDi Study Group

Event: Plenary meeting

Date: 9 July 2018

Location: San Diego CA USA

Opening

7/9/2018 1:00 PM The meeting was called to order by the Chair. Duane Remein volunteered to serve as recording secretary. The Chair gave the opening report.

Motion # 1

Approve the agenda for 802.3ca July 2018 Task Force meeting as shown in file agenda BiDi 1 0718.pdf.

1st: Duane Remein 2nd: Marek Hajduczenia

Procedural (>50%) Motion Passed by Voice without opposition

The chair reviewed the Task Force Web site / password, IEEE rules, and the IEEE patent policy. The Chair reviewed the IEEE Participation guidelines and process.

Motion # 2

Move that the IEEE 802.3 Working Group request the re-chartering of the Bidirectional 10 Gb/s and 25 Gb/s Optical Access PHYs Study Group.

1st: Duane Remein 2nd: Mark Laubach Yea: 10 Nea: 0 Abstain: 1

Technical (≥75%) Motion Passed

The Chair reviewed liaison letter status (none).

Motion # 3

Approve the Minutes of 802.3ca Task Force meeting held May 2018, in Pittsburgh, PA as shown in minutes_unapproved_1025BiDi_SG_0518.pdf and post the approved minutes as minutes approved 1025BiDi_SG_0518.pdf

1st: Marek Hajduczenia 2nd: Duane Remein

Procedural (>50%) Motion Passed by Voice without opposition

Presentations

All presentations are in the following format:

Presentation # #

Title Presenter affiliation

Comments

Filename: FileRef

Presentation # 1

Jul 2018 Bidi PAR-50G Frank Effenberger Huawei

This presentation gave a brief summary of the status of our draft PAR and proposed changes to resolve the 50 Gb/s PHY being out of scope.

Filename: 180712 PAR BiDi v3.pdf

Presentation # 2

Jul 2018 Agreed Bidi CSD-50G Frank Effenberger

Huawei

This presentation gave a brief summary of the status of our draft CSD and proposed changes to resolve the 50 Gb/s PHY being out of scope.

Filename: <u>1807/180712_802d3_CSD_BiDi_v3.pdf</u>

Presentation # 3

Jul 2018 Agreed Bidi Objectives-50G Frank Effenberger

Huawei

This presentation gave a brief summary of the status of our draft Objectives and proposed changes to resolve the 50 Gb/s PHY being out of scope.

Filename: 180712 802d3 OBJ BiDi v3.pdf

Presentation # 4

P2P Ethernet access review Duane Remein

Huawei

This presentation provided a brief review of "typical" 10G and 25G PMD clauses, project timeline, and deadlines to be met. In particular Clause 114 (25G) outline was reviewed. A SG participant suggested that the group consider using the 10G-EPON downstream PHY for 10G BiDi downstream.

Filename: 1807 BiDi 802d3 remein 1.pdf

Presentation # 5

Project schedule and big ticket items Frank Effenberger

Huawei

Proposed timeline, review of "big ticket" items (loss budget, wavelength plan, silent start), and a short list of resources. It was noted during discussion that there is a great deal of overlap with P802.3ca which might make an extremely aggressive timeline difficult to meet.

Filename: 180712 IEEE802.3cp-Schedule..pdf

Presentation # 6

50 Gb/s Call For Interest

Xinyuan Wang

Huawei

This presentation provided a brief introduction to the 50 Gb/s BiDi CFI. There was a good deal of discussion regarding the aggressive time line suggested in previous presentations and the complexity introduced with 50G BiDi.

Filename: Introduction of 50GbE BiDi CFI 180708.pdf

Straw Poll # 1

If the 802.3 working group accepts the CFI on 50 Gb/s bidirectional PHYs, I would support expanding the scope of this Study Group to include 50 Gb/s speeds.

Count: Yes: #11

No: #2 Abstaining: #10 Straw Poll # 2

Choice 1: Doing all 3 PHYs in the same project, with a potentially longer time-line

Choice 2: Doing two separate projects, with the 10 & 25G finishing sooner

Count: Choice 1: 6
Choice 2: 7
No opinion: 12

The SG discussed the pros and cons of including the 50G

Future meeting polls were taken (Will/Maybe will/Maybe Will Not/Will Not attend).

Spokane: 10/10/3/0 Bangkok: 8/9/5/1

Motion # 4

Move to adjourn.

1st: Mark Laubach 2nd: Duane Remein

Procedural (>50%) Motion Passed by Voice without opposition

7/92018 2:58 PM Adjourned

Attendance

Full Name	Employeer	Affiliation(s)
Theodore Brillhart	Fluke	Fluke
Claudio DeSanti	Google	Google
Liang Du	Google	Google
Vince Ferretti	Corning	Corning
Bo Giao	Huawei	Huawei
Marek Hajduczenia	Charter	Charter
Glen Kramer	Broadcom Inc	Broadcom Inc
Mark Laubach	Broadcom Inc	Broadcom Inc
Yongxuan Liang	Applied Optoelectronics	Applied Optoelectronics
Lkagami Manabu	Toyota CRBL	Toyota CRBL
Phil Miguelez	Comcast	Comcast
Kevin Noll	Tibit Communication	Tibit Communication
Moonsoo Park	IDE Solutions America	IDE Solutions America
Earl Parsons	CommScope	CommScope
Bill Powell	Nokia	Nokia
Duane Remein	Huawei	Huawei
Michael Takefman	Inphi	Inphi
Masuda Takeo	OITDSA	OITDSA
Masaru Terada	OFS	
Alexander Umnov	Corning	Corning
Fernando Villarruel	Cisco	Cisco
Haifei Wang	Huawei	Huawei
Xinyuan Wang	Huawei	Huawei
Yu Xu	Huawei	Huawei
James Young	Commscope	Commscope