

Meeting Minutes

Group: IEEE P802.3cs Physical Layers for increased-reach Ethernet optical subscriber access (Super-PON) Task Force

Event: July Plenary Meeting #2 via conference call

Date: July 22, 2020

Location: WebEx Conference Call

Opening

10:09 AM PDT: The meeting was called to order by Claudio DeSanti, the Task Force chair.

Note: all URLs prefaced with <http://www.ieee802.org/3/cs/public/202007/> unless otherwise noted.

Motion #1

Move to approve the agenda as recorded in 20200716-Agenda.pdf

Moved: Glen Kramer Second: Liang Du

Procedural (>50%) Passed by voice without opposition

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

10:16 AM PDT: The chair made a call for patents; no response was made

Presentations

All presentations are in the following format:

Presentation #

Title	Presenter	affiliation
Comments		
Filename: FileRef		

Presentation # 1

Proposed Annex 200A	Claudio Desanti	Dell
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This presentation continued to provide updates to Annex 200A. More changes were made during the meeting based on feedback from the group. The updated presentation is posted.

Filename: 20200722-DeSanti_3cs_01a

Presentation # 2

Proposed Annex 200B

Liang Du

Google

The presentation proposed an informative annex for operators to describe an example of a typical Super-PON Black Link implementation. The group agreed that the document is a good start and remains a work-in-progress.

Filename: 20200722-Du_3cs_01

Presentation # 3

MPI penalty in short length fibers

Rick Pimpinella

Panduit

This presentation provided a brief introduction of Multi-path Interference (MPI) due to the excitation of higher-order modes. MPI can occur when the optical path includes a short fiber segment. MPI penalty depends on the combination of fiber types and can be as large as several tenths of a dB in short fiber lengths.

Filename: 20200722-Pimpinella_3cs_01

Comment Resolution

No comments were submitted during this period.

Motions and Closing

Motion #2

Move to instruct the editor to generate P802.3cs draft 1.1, using draft 1.0 as baseline and incorporating all accepted material with editorial license:

Normative Annex A Proposal

(http://www.ieee802.org/3/cs/public/202007/20200722-DeSanti_3cs_01a.pdf)

New Annex A, rename existing Annex A and B respectively as Annex B and C

Moved: Rick Pimpinella Second: Vince Ferretti

Procedural (≥ 75%) Passed by voice without opposition

Motion #3

Move that the IEEE 802.3 Working Group approve IEEE_802d3_to_Q2SG15_0720_draft.pdf with editorial license granted to the Chair (or his appointed agent) as liaison communication from the IEEE 802.3 Working Group to ITU-T Q2/SG15

Moved: Rick Pimpinella Second: Liang Du

Procedural (≥ 75%) Passed by voice without opposition

The Chair proposed to the team to hold our next interim teleconferences on August 13, 2020 and August 27, 2020 @ 10:00am PDT.

Motion #4

Move to adjourn.

Moved: Liang Du

Second: Rick Pimpinella

Procedural (>50%)

Passed by voice without opposition

11:48 PM PDT: The meeting was adjourned.

Attendees

Name	Employer	Affiliation
Bill Powell	Nokia	Nokia
Claudio DeSanti	Dell Technologies	Dell Technologies
Liang Du	Google	Google
Glen Kramer	Broadcom	Broadcom
Vince Ferretti	Corning	Corning
Mark Laubach	Self	Self
Frank Lambrecht	Xilinx	Xilinx
Rick Pimpinella	Panduit	Panduit
Flavio Marques	Furukawa	Furukawa
Seymour Goldstein	Fluke Networks	Fluke Networks
Mabud Choudhury	OFS Networks	OFS Networks
Paul Brooks	Viavi Solutions	Viavi Solutions
Steve Swanson	Corning	Corning
John DeAndrea	II-VI/Finisar	II-VI/Finisar