

Meeting Minutes

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

Event: September Interim Meeting via conference calls

Dates: September 24, 2020 & October 1, 2020

Location: WebEx Conference Calls

Opening

September 24, 2020 11:07 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/202009/> unless otherwise noted.

Motion #1

Move to approve the agenda as recorded in 20200924-Agenda.pdf

Moved: Cedric Lam Second: Carl Paquet

Procedural (>50%) Passed by voice without opposition

Motion #2

Move to approve the minutes of the past meeting:

July 16, 2020

https://www.ieee802.org/3/cs/public/202007/20200716-Minutes_P802d3cs_ConCall_Plenary.pdf

July 22, 2020

https://www.ieee802.org/3/cs/public/202007/20200722-Minutes_P802d3cs_ConCall_Plenary.pdf

August 27, 2020

https://www.ieee802.org/3/cs/public/AdHoc/20200827-Minutes_P802d3cs_AdHoc_ConCall.pdf

Moved: Vince Ferretti Second: Bill Powell

Procedural (>50%) Passed by voice without opposition

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

11:14 AM PDT: The chair made a call for patents; no response was made.

The chair, with agreement from the task force, agreed to extend our timeline

Presentations

All presentations are in the following format:

Presentation #

Title	Presenter	affiliation
Comments		
Filename:	FileRef	

Presentation # 1

Proposed Annex 200A	Liang Du/Claudio DeSanti	Amazon/Dell
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Updates were made to the burst mode values of the Super-PON black link implementation informative Annex. All suggested changes from the August Adhoc meeting were also made in the Annex.

Filename: 20200924-Du_3cs_01a

Presentation # 2

SuperPON Timing	Liang Du	Amazon
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This presentation proposed new T_{on} allowance for the ONU as compared to previous PON standards to allow for the addition of amplifier transients in the upstream path.

Filename: 20200924-Du_3cs_02a

Presentation # 3

Super-PON PMD Parameters Definitions	Claudio DeSanti	Dell Technologies
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This presentation added references to ITU-T G.692-2 for parameter definitions.

Filename: 20200924-DeSanti_3cs_01

Comment Resolution

Four comments were resolved during comment resolution.

Motions and Closing

The Chair reminded the team that the interim teleconference continuation will be October 1, 2020 @ 11:00am PDT.

11: 11:44 PM PDT: The meeting was ended.

Opening of Continuation Meeting

October 1, 2020 11:05 AM PDT: The meeting continuation was called to order by Claudio DeSanti, the Task Force chair.

Note: all URLs prefaced with <http://www.ieee802.org/3/cs/public/202009/> unless otherwise noted.

11:07 AM PDT: The chair made a call for patents; no response was made.

The Chair reviewed progress made at our September 24 opening interim meeting and discussed goals for the Black Link implementation annex and laid the groundwork for the next meeting.

Presentations

Presentation # 4

Super-PON Reflectance

Liang Du

Amazon

This presentation recommended max NPI penalty for transmitter and receiver based on comparison with XGS-PON, NGPON2 and 802.3ca.

Filename: 20201001-Du_3cs_01a

Motions and Closing

Motion #3

Move to instruct the editor to generate P802.3cs draft 1.2, using draft 1.1 as baseline and incorporating all accepted material:

- Accepted Comment Resolutions
- Proposed Annex 200A (as updated)
- Super-PON Timing (as updated)
- Super-PON PMD Parameters Definitions

Moved: Cedric Lam

Second: Bill Powell

Technical (≥75%)

Passed by voice without opposition

Motion #4

Move to adjourn.

Moved: Bill Powell

Second: Liang Du

Procedural (>50%)

Passed by voice without opposition

11:50 PM PDT: The Interim meeting adjourned

