# Meeting Minutes

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

**Event:** May Interim Continuation Meeting via conference call

**Date:** June 17, 2020

**Location:** WebEx Conference Call

## Opening

10:04 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/202005/ unless otherwise noted.

| **Motion #1** | |
|---|---|
| Move to approve the agenda as recorded in 20200617-Agenda.pdf | |
| Moved: Carl Paquet | 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.

10:09 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
**Super-PON PMD (normative)** Liang Du Google
This presentation revised CD calculations based on the 16-channel plan adopted by IEEE P802.3cs (previous version used a 20-channel plan) and provided updates to the PMD tables.

Filename: 20200617-Du_3cs_01

Presentation # 2

**Proposed Annex-200A** Claudio Desanti Dell Technologies

This presentation proposed adding a normative Annex 200A to include Physical Coding Sublayer, Physical Media Attachment, Reconciliation Sublayer, and Multipoint MAC Control Sublayer for Super-PON. The Super-PON Physical Coding Sublayer, Physical Media Attachment, Reconciliation Sublayer, and Multipoint MAC Control Sublayer are respectively based on the Nx25G-EPON Physical Coding Sublayer and Physical Media Attachment (see clause 142), Reconciliation Sublayer (see clause 143), and Multipoint MAC Control Sublayer (see clause 144). This annex specifies extensions to clause 142, 143, and 144 to make them suitable for Super-PON. The group decided that more review will be needed.

Filename: 20200604-DeSanti_3cs_01a

Presentation # 3

**Extensions to Nx25G-EPON Multipoint MAC Control (clause 144) for Super-PON** Glen Kramer Broadcom

This presentation proposed the mechanisms and control protocols required in order to reconcile the Super-PON into the Ethernet framework It includes Multipoint Control Protocol (MPCP) responsible for arbitration of TDM-based access to the point-to-multipoint (P2MP) medium.

Filename: 20200617-Kramer_3cs_01

**Motion #2**

Move to instruct the editor to generate P802.3cs draft 1.0, using draft 0.6 as baseline and incorporating all accepted material with editorial license

– Accepted material:

- Update to Annex 200B to include dispersion values (http://www.ieee802.org/3/cs/public/202005/20200604-Ferretti_3cs_01.pdf)
- Super-PON PMD (normative) (http://www.ieee802.org/3/cs/public/202005/20200617-Du_3cs_01a.pdf)

Moved: Vince Ferretti Second: Carl Paquet
Procedural (>75%)

Yes: 4; No: 0; Abstain: 1

Motion Passed

## Comment Resolution

No comments were submitted during this period.

## Motions and Closing

The Chair reminded the team that the plenary teleconferences will be July 16 and 22, 2020 @ 10:00am PDT.

11:50 PM PDT: The meeting was adjourned.

| **Motion #3** | |
|---|---|
| Move to adjourn. | |
| Moved: Glen Kramer | Second: Bill Powell |
| Procedural (>50%) | Passed by voice without opposition |

11:32 PM PDT: The meeting was adjourned.

## Attendees

| **Name** | **Employer** | **Affiliation** |
|---|---|---|
| Bill Powell | Nokia | Nokia |
| Carl Paquet | Teraxion | Teraxion |
| Claudio DeSanti | Dell Technologies | Dell Technologies |
| Glen Kramer | Broadcom | Broadcom |
| James Young | Commscope | Commscope |
| Liang Du | Google | Google |
| Vince Ferretti | Corning | Corning |