

Meeting Minutes

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

Event: Interim meeting

Date: 12 September 2018

Location: Spokane WA, USA

Opening

9/12/2018 1:00 PM The meeting was called to order by Mr. David Law, the Working Group Chair. Duane Remein volunteered to serve as recording secretary. Mr. Law appointed Claudio DeSanti Chair of the Study Group which was confirmed as shown below.

Motion # 1
Confirm Claudio DeSanti as Chair of IEEE 802.3 Physical Layers for increased-reach Ethernet optical subscriber access (Super-PON) Study Group.
Moved: Duane Remein Second: Mark Laubach
For: 18 Against: 0 Abstain: 0
Procedural (>50% by rule) Motion Passed

The newly confirmed chair held introductions and proposed an agenda.

Motion # 2
Move to approve the agenda for the September 2018 Super-PON Study Group meeting as shown in file Agenda_Spokane.pdf
Moved: Duane Remein Second: Vincent Ferretti
Procedural (>50%) Motion Passed by Voice without opposition

The Chair gave the opening report including decorum, meeting goals, email reflector, Study Group Web site, meeting ground rules, IEEE structure, IEEE bylaws, IEEE rules, IEEE meeting guidelines, IEEE Participation guidelines, and IEEE 802.3 process.

Presentations

9/11/18 1:20 PM the SG began hearing presentations

All presentations are in the following format:

Presentation #

Title	Presenter	affiliation
Comments		
Filename:	FileRef	

Presentation # 1
The PAR form demystified David Law HPE
Mr. Law reviewed the requirements and path to success when completing the PAR form.
Filename: PAR.ppt

Presentation # 2
Wavelength-Tunable DBR laser for Burst Mode TWDM PON applications Dr. Yasuhiro Matsui Finisar
This presentation reviewed technical feasibility of using DBR or CML technology as a potential transmitter in Super-PON applications.
Filename: DBR_Lasers.pdf

Presentation # 3
Optical Amplification for a Super-PON System Dr. Weyl Wang Accelink USA
This presentation reviewed technical feasibility of EDFA technology for use in burst mode systems concluding that suitable devices with excellent specifications could be produced.
Filename: Optical_Amplification.pdf

Presentation # 4
ILEC – Future Greenfield Developments Claudio DeSanti for Taj Sandhu Ponderosa Telephone
The presentation highlighted the needs of a small operator.
Filename: Ponderosa_Needs_v1.pdf

Project Documentation

Presentation # 5
Major PAR form questions Claudio DeSanti Google
The Chair reviewed potential answers to the PAR form and the group suggested changes.
Filename: Super-PON_PAR_draft.pdf

Presentation # 6
Major Objective form questions Claudio DeSanti Google
The Chair reviewed potential Objectives for the SG.
Filename: Super-PON_Objectives_draft.pdf

5/24/2018 3:00 PM Break, reconvened 3:20 PM, continued discussion on PAR & CSDs.

Presentation # 7
Major CSD form questions Claudio DeSanti Google
The Chair reviewed potential CSD responses.
Filename: Super-PON_CSD_draft.pdf

Motions and Straw Polls

Straw Poll # 1

I support the Super-PON PAR as per Super-PON_PAR_draft_v1.pdf.

Count: Yes: 17

No: 0

Abstaining: 0

Straw Poll # 2

I support the Super-PON CSD as per Super-PON_CSD_draft_v1.pdf.

Count: Yes: 12

No: 3

Abstaining: 1

Straw Poll # 3

I support the Super-PON Objectives as per Super-PON_Objectives_draft_v1.pdf.

Count: Yes: 18

No: 0

Abstaining: 0

Motion # 3

Move that the SG approve the Super-PON PAR, as per Super-PON_PAR_draft_v1.pdf, and forward to 802.3 for approval.

Moved: Mark Laubach

Second: Frank Effenberger

For: 16 Against: 0

Abstain: 1

Technical (≥75%)

Motion Passed

Motion # 4

Move that the SG approve the Super-PON Objectives, as per Super-PON_Objectives_draft_v1.pdf, and forward to 802.3 for approval.

Moved: Duane Remein

Second: Mark Laubach

For: 16 Against: 0

Abstain: 0

Technical (≥75%)

Motion Passed

Motion # 5

Move that the SG approve the Super-PON CSD, as per Super-PON_CSD_draft_v1.pdf, and forward to 802.3 for approval.

Moved: Frank Effenberger

Second: Alex Umnov

For: 12 Against: 1

Abstain: 4

Technical (≥75%)

Motion Passed

There was a general understanding within the group that more data is needed to support Economic Feasibility.

Future meeting polls were taken.

Location (start date)	Planned attendance		
	Will	Will Not	Maybe
Bangkok (11/15/18)	11	1	2
Long Beach (1/14/18)	11	1	2
Vancouver (3/11/18)	12	0	2

Motion # 6

Move to adjourn.

Moved: Duane Remein

Second: Vincent Ferretti

Procedural (>50%)

Motion Passed by Voice without opposition

9/11/2018 4:40 PM the meeting was adjourned.

Attendance

Full Name	Employer	Affiliation(s)	11-Sep
Martin Bouda	Fujitsu Labs of America	Fujitsu Labs of America	x
Theodore Brillhart	Fluke	Fluke	x
Barry Colella	Source Photonics	Source Photonics	x
Claudio DeSanti	Google	Google	x
Frank Effenberger	Huawei	Huawei	x
Vincent Ferretti	Corning	Corning	x
Bo Giao	Huawei	Huawei	x
Marek Hajduczenia	Charter	Charter	x
Kenneth Jackson	Sumitomo	Sumitomo	x
Joy Jiang	Google	Google	x
Curtis Knittle	CableLabs	CableLabs	x
Haus Lackno	QoS Com	QoS Com	x
Mark Laubach	Broadcom Inc..	Broadcom Inc..	x
Hanhyub Lee	ETRI	ETRI	x
Hai-Feng Liu	Intel	Intel	x
Karen Liu	Lightwave Logic	Lightwave Logic	x
Hueng Mengyuan	SiFotonics	SiFotonics	x
Moonsoo Park	OE Solutions America	OE Solutions America	x
Phong Pham	US Conel	US Conel	x
Duane Remein	Huawei	Huawei	x
Atul Srivastava	NEL-A	NEL-A	x
Masaru Terada	OFS	OFS	x
Alexander Umnov	Corning	Corning	x
Weyl Wang	Accelink USA	Accelink USA	x
Jun Shan Wey	ZTE Corp	ZTE Corp	x
Yasuhiro Matsui	Finisar	Finisar	x
James Young	Commscope	Commscope	x
Richard (Yujia) Zhou	Charter	Charter	x