

Meeting Minutes

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

Event: Plenary meeting

Date: 14 November 2018

Location: Bangkok, Thailand

Opening

9/12/2018 1:03 PM The meeting was called to order by Claudio DeSanti, the Study Group Chair. Duane Remein volunteered to serve as recording secretary.

Unless noted otherwise all files referenced in these minutes are located at the following URL: http://www.ieee802.org/3/SUPER_PON/public/201811/.

The chair held introductions and proposed an agenda.

Motion # 1

Move to approve the agenda.

Moved: Marek Hajduczenia

Second: Alex Umnov

Procedural (>50%)

Motion Passed by Voice without opposition

Motion # 2

Move to approve the minutes of the past meetings

– September 12, 2018,

http://www.ieee802.org/3/SUPER_PON/public/201809/Draft_Minutes_Super-PON_SG_0918.pdf

– October 24, 2018,

http://www.ieee802.org/3/SUPER_PON/public/AdHoc/20181024_Draft_Minutes.pdf

– November 7, 2018,

http://www.ieee802.org/3/SUPER_PON/public/AdHoc/20181107_Draft_Minutes.pdf

Moved: Marek Hajduczenia

Second: Vince 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. (see Approved_Agenda_Bangkok.pdf).

Presentations

11/14/18 1:15 PM the SG began hearing and discussing presentations.

All presentations are in the following format:

Presentation #

Title	Presenter	affiliation
Comments		
Filename:	FileRef	

Presentation # 1

Quasi-Coherent Detection for Super-PON Jesper Bevenssee Jensen Bifrost

This slide set was presented and discussed. The presentation outlined a simplified mechanism for implementing a quasi-coherent receiver. The discussion focused on questions of clarification.

Filename: Quasi-Coherent_Detection_for_Super-PON.pdf

Presentation # 2

Super-PON Economic Feasibility Liang Du Google

This slide set was presented and discussed. Comments were numerous and varied. There was little agreement that the model presented was a good representation of the real world.

Filename: Super-PON_Economic_Feasibility_v1b.pdf

Presentation # 3

PAR, CSD, and Objectives comments resolution

Claudio DeSanti Google

Comments were received on PAR and CSD. These comments were reviewed by the chair and were generally editorial in nature. The Chair invited discussion on the proposed changes but there was none.

Filename: Agenda_Bangkok.pdf

Motion # 3

Move that the SG approve the responses to the received comments to PAR and CSD, as per http://www.ieee802.org/3/SUPER_PON/public/201811/Super-PON_Response_to_Comments.pdf

Moved: Paul Nikolich Second: Frank Effenberger

For: 25 Against: 0 Abstain: 0

Technical (≥75%)

Motion Passed

Motion # 4

Move that the SG approve the updated PAR, as in <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0177-02-00EC-ieee-p802-3cs-draft-par.pdf>, and forward to IEEE 802.3 for approval

Moved: Mark Laubach Second: Duane Remein

For: 25 Against: 0 Abstain: 0

Technical (≥75%)

Motion Passed

Attendance

Full Name	Employer	Affiliation(s)	14-Nov
Jose Castro	Panduit	Panduit	x
Claudio DeSanti	Google	Google	x
Liang Du	Google	Google	x
Frank Effenberger	Huawei	Huawei	x
Vincent Ferretti	Corning	Corning	x
Marek Hajduczenia	Charter	Charter	x
Kenneth Jackson	Sumitomo	Sumitomo	x
Jesper Jensen	Bifrost	Bifrost	x
John Johnson	Broadcom Inc..	Broadcom Inc..	x
Yasuaki Kawatsu	Apresia Systems	Apresia Systems	x
Curtis Knittle	CableLabs	CableLabs	x
Mark Laubach	Broadcom Inc..	Broadcom Inc..	x
David Law	HPE	HPE	x
Hanhyub Lee	ETRI	ETRI	x
Robert Lingle	OFS	OFS	x
Dekun Liu	Huawei	Huawei	x
Flavio Marques	Furukawa	Furukawa	x
Jacob Meachen	Semtech	Semtech	x
Hiroshi Miura	Mitsubishi Electric	Mitsubishi Electric	x
Paul Nikolich	Self	802 Chairman	x
Kevin Noll	Tibit Communication	Tibit Communication	x
Phong Pham	US Conel	US Conel	x
Bill Powell	Nokia	Nokia	x
Duane Remein	Huawei	Huawei	x
Andre Szczepanek	HS2 Consulting	HiLight Semi	x
Tomoo Takahara	Fujitsu	Fujitsu	x
Alexander Umnov	Corning	Corning	x
Liquan Yaun	ZTE Corp	ZTE Corp	x
James Young	Commscope	Commscope	x