

IEEE Extended EPON Power Budget Study Group

13 - 14 March 2012

Waikoloa, HI, USA

Minutes

Chair: Marek Hajduczenia

Recording Secretary: Duane Remein

All times local to Waikoloa (Hawaii, UTC/GMT-10)

Tuesday 13 March

09:00: Call to order and introductions

This is fourth meeting of the Study Group.

Duane Remein agreed to be recording secretary for this meeting.

The Chair presented his opening report, including these topics:

- Introductions and declaration of affiliation
- SG Decorum – no cameras, no audible cell phones, etc.
- Goals for meeting; questions solicited and none received
- E-mail reflector and web
- IEEE ground rules and IEEE-SA guidelines for meetings
 - Announcement: Anyone in the room may speak or vote
- Overview of standard process; questions solicited and none received
- Study Group function and overview of goals

Motion #1

Approve minutes of January 2012 meeting as recorded in ExEPON_1201_minutes_unapproved.pdf and post them online as ExEPON_1201_minutes_approved.pdf.

Moved by: Duane Remein

Seconded by: Phillip Chang

(Procedural Motion, >50%)

Motion passed by voice vote without opposition

Motion #2

Approve agenda for 2012 March meeting of ExEPON SG, as shown in ExEPON_1203_opening.pdf, slide 22.

Moved by: Wen Li

Seconded by: Duane Remein

(Procedural Motion, >50%)

Motion passed by voice vote without opposition

09:25 Reviewed Liaison letter from CCSA

It was suggested that the CCSA standard attached to the liaison be removed from the public area until it is confirmed with CCSA that posting in the public area is acceptable, otherwise this document should be posted in a password protected area.

Appendix D which describes the OLT/ONU enhanced transceiver is the area of interest to the Study Group. A translated version of this Appendix was kindly provided by Jidong Xu for review during the meeting. This material will be published in the private area of the SG once it is available. Also, the liaison letter from CCSA will be posted in the same location.

A draft response to the liaison was presented.

Motion #3

Approve the text of the informal communication with CCSA as posted at ExEPON_1203_informal_communication_to_CCSA.pdf. SG Chair to deliver to recipients as necessary.

Moved by: Phill Cheng

Seconded by: Jidong Xu

(Procedural Motion, >50%)

Motion passed by voice vote without opposition

09:45 ODN ad-Hoc

The chair solicited volunteers to run the ODN ad-Hoc.

9:50 Evolution and co-existence for extended EPON PMDs

This presentation examined coexistence of PX20 class ONUs with new higher power ONUs in a hypothetical expansion of an existing ODN via placement of additional splitters after existing splitter. A question was raised if an extend optical budget was used to replace and existing PX20 (or PX10) ONU if the OLT receiver could be damaged. It was noted that the specification already includes verbiage not to connect high power ONUs directly to the OLT, this wording may need to be emphasized.

The presenter took an action item to address this question for the next meeting.

10:20 Responses to comments on PAR

Discussed comments received on PAR

- Add “Optical” in Scope & Purpose in three locations (see ExtEPON_1203_opening_SG.pdf)
- Add “1:64 split at 20 km” to PAR.

In general there were no objections voice to the first comment but there was some concern about the second.

Motion #4

Approve responses to comments on project documents (PAR, 5 Criteria and Objective) as recorded in ExtEPON_1203_opening_SG.pdf.slides 31-32.

SG Chair to update the project documents offline and seek their re-approval at the 802.3 WG Closing Plenary meeting

Grant the SG Chair editorial license to make changes to text of PAR, 5 Criteria and Objective, as approved by the SG.

Moved by: Duane Remein
Seconded by: Phillip Cheng
For: 7
Against: 0
Abstain: 0
(Technical Motion, $\geq 75\%$)
Motion passed

Motion #5

SG authorizes the SG Chair to request the extension of the ExEPON Study Group from 802.3 WG for an additional 6 months.

Moved by: Duane Remein
Seconded by: Wen Li
For: 7
Against: 0
Abstain: 0
(Procedural Motion, $>50\%$)
Motion passed by voice vote without opposition

10:35 Future meetings

Discussion on the future meetings.

10:38 Straw Polls

I will attend the IEEE 802. Interim meeting in Minneapolis, MN, USA, May 18th, 2012

Yes: 3
Maybe Y: 2
Maybe N: 0
No: 0

I will attend the ExEPON SG IEEE 802. Interim meeting in Minneapolis, MN, May 18th, 2012

Yes: 4
Maybe Y: 3
Maybe N: 0
No: 0

10:45: The SG Recessed

Wednesday 14 March

8:30 AM: Reconvened

Continued discussion on comments against PAR

Motion # 6

SG approves the revised PAR, as shown in ExEPON_1203_PAR_updated.pdf, with changes from November 2011 PAR shown in red.

Grant SG Chair editorial license to make changes as needed.

Moved by: Duane Remein
Second: Wen Li
For: 6
Against: 0
Abstain: 0
(Technical Motion, $\geq 75\%$)
Motion passed

8:40 AM Chair solicited new business, there was none.

Motion #7

Move to Adjourn

(Procedural Motion, $> 50\%$)

Motion passed by voice vote without opposition

List of attendees (alphabetically by name)

Name	Affiliation	13.03.2012	14.03.2012
Antonio Teixeira	NSN		X
Bill Chen	Huawei	X	
Duane Remein	Huawei	X	X
Jidong Xu	ZTE	X	X
Jun Sugawa	Hitachi	X	X
Kenichi Suzuki	NTT		X
Marek Hajduczenia	ZTE	X	X
Phillip Change	Comcast	X	X
Shougo Matsuda	Hitachi	X	X
Susumu Nishihara	NTT		X
Wen Li	Finisar	X	X
Zhiming Fu	ZTE	X	