IEEE Extended EPON Power Budget Study Group

26 January 2012
Newport Beach, CA, USA
Minutes

Chair: Marek Hajduczenia

Recording Secretary: Duane Remein

All times local to Newport Beach (Pacific Standard, UTC/GMT-8)

Thursday 26 November
09:00: Call to order and introduction

This is third meeting of this Study Group.
Duane Remein was assigned and accepted to be recording secretary for this meeting.

Marek presented his opening report, including these topics:
- SG Decorum – no cameras, no audible cell phones, etc.
- Goals for meeting; questions solicited and none received
- E-mail reflector and web
- Introductions and declaration of affiliation
- IEEE ground rules and IEEE-SA guidelines for meetings
  - Announcement: Anyone in the room may speak or vote
  - Patent policy was not discussed in detail, but was referenced
- Overview of standard process; questions solicited and none received
- Study Group function and overview of goals

Motion #1
Approve minutes of November 2011 meeting as recorded in
ExEPON_1111_minutes_unapproved.pdf and post them online as
ExEPON_1111_minutes_approved.pdf.
Moved by: Duane Remein
Seconded by: Maggie Zang
(Procedural Motion, 50%)
Motion passes by voice vote without opposition

Motion #2
Approved agenda for 2012 January meeting of ExEPON SG, as shown in
ExEPON_1201_opening.pdf, slide 23.
Moved by: Jeff Thompson
Seconded by: Allan Brown
(Procedural Motion, 50%)
Motion passes by voice vote without opposition

(opening report continued)

- Patent Policy; the Chair asked if anyone in attendance was not familiar with the Patent Policy, there were no responses from the attendance. Call for patents was not made, given that the call for patent does not apply to SGs anymore.
- Attendance recording; announcement of the IMAT website location, meeting pass code and the rules regarding attendance (this meeting counts toward 802.3 meeting credit).

09:30 "Transmitters for 10G-EPON"
Presenter: Wen Li from Finisar.
This presentation gave an overview of Chirp Modulated Lasers and a compared CML to EML for various parameters. Q&A session followed the presentation.

10:20 Break

10:42 "Bright House Networks and Extended EPON"
Presenter: Edwin Mallette from Bright House Networks.
This presentation discussed a first pass power budget calculation for specific network configurations with and without an active power budget extender. It was noted there are errors in the original presentation and the presentation on the web will be updated. Q&A session followed the presentation.

11:10 "Extended EPON PMD parameters"
Presenter: Wen Li of Finisar.
This presentation reviewed transmitter and receiver capabilities by technology type and proposed PMD parameters for PX30, PX40, PR(X)30, and PR(X)40. Q&A session followed the presentation.

12:00 Lunch Break

13:40 Reconvened
Discussion on informal communication with CCSA. Revision of the draft of the informal communication to be delivered to Ms. Liu Qian, liaison officer for CCSA. The revised document to be published online as ExEPON_1201_informal_communication_to_CCSA.pdf.

Motion #3
Approve the text of the informal communication with CCCSA as posted at ExEPON_1201_informal_communication_to_CCSA.pdf. SG Chair to deliver the approved document to recipients as necessary.
Moved by: Ed Mallette
Seconded by: Bill Powell
(Procedural Motion, 50%)
Motion passes by voice vote without opposition

14:05 ODN Ad-Hoc;
The Chair formed an ODN Ad-Hoc whose purpose is to study ODN elements (connectors, splices, filters, splitters/couplers) and develop a loss / power budget model for use by the SG. Ed Mallette from BrightHouse Networks was appointed as Ad-Hoc Chair. The Ad

Hoc is to conduct business on the SG reflector and the progress report is expected at the next meeting.

14:15 Future meetings
Discussion on the future meetings. This SG will become a TF only on May. March meeting still as SG.
Concerns about the overlap between EPoC and ExEPON SGs. Chairs of both SG will work to minimize the overlap between both groups to allow people interested in both groups attend the meetings without as limited problems as possible.
Straw polls on the March and May 2012 meeting attendance were then taken.

14:18 Straw Poll #1
I will attend the IEEE 802 plenary meeting in Hilton Waikoloa Village, Big Island, Hawaii, USA, Monday, March 12th through Thursday, March 15th, 2012
Yes: 8
Maybe Yes: 2
Maybe No: 0
No: 0

14:19 Straw Poll #2
I will attend the meeting of the Extended EPON Study Group, taking place during the IEEE 802 plenary meeting during the week of March 12th.
Yes: 9
Maybe Yes: 2
Maybe No: 0
No: 0

14:20 Straw Poll #3
I will attend the IEEE 802 interim meeting during the week of May 14, 2012.
Yes: 9
Maybe Yes: 2
Maybe No: 1
No: 0

14:21 Straw Poll #4
I will attend the meeting of the Extended EPON Study Group, taking place during the IEEE 802 interim meeting during the week of May 14, 2012:
Yes: 9
Maybe Yes: 2
Maybe No: 1
No: 0

14:22 New business
No new business was brought to the attention of the SG

Motion #4
Adjourn
Moved by: Duane Remein

Seconded by: Ed Mallette
(Procedural Motion, 50%)
Motion passes by voice vote without opposition

12:25: Adjourn
No meeting on Friday (to be announced on the email reflector by the Chair)

List of attendees (alphabetically by name)

Name	Affiliation	26.01.2012
Alan Brown	Aurora Networks	X
Bill Powell	Alcatel-Lucent	X
D. Brener	Deutsche Telecom	X
Duane Remein	Huawei	X
Ed Boyd	Broadcom	X
Edwin Mallette	Bright House Networks	X
Geoff Thompson	GraCaSi	X
Hassham Ahlam	Broadcom	X
Hesham ElBakoury	Huawei	X
Joseph Chou	Realtek	X
Jun Sugawa	Hitachi	X
Katsuhisa Jawa	Sumitomo Electric	X
Ken-Ichi Suzuki	NTT	X
Kevin Brown	Broadcom	X
Marek Hajduczenia	ZTE Corporation	X
Meiyan Zang	ZTE Corporation	X
Nevin Jones	ZTE Corporation	X
Philip Chang	Comcast	X
Steve Carlson	High Speed Design	X
Susumu Nishihara	NTT	X
Valy Ossman	PMC Sierra	X
Wen Li	Finisar	X