

# Unapproved minutes

## 40 Gb/s and 100 Gb/s Fiber Optic TF SMF Ad Hoc Teleconference 25 June 2013

Minutes taken by Pete Anslow, Ciena

The meeting started at 8:00 am Pacific chaired by Pete Anslow, the attendee list was taken from the Webex attendee list.

Documentation for the call can be found at the Ad Hoc web page:

<http://www.ieee802.org/3/bm/public/smfadhoc/meetings/index.html>

Pete reminded everyone of the IEEE patent policy (<http://www.ieee802.org/3/patent.html>) and asked if anyone was unfamiliar with it. No one responded.

Pete asked if anyone had any corrections to the draft minutes from the 18 June 2013 call. No one responded, so these minutes are approved by the Ad Hoc.

Pete asked if anyone had any objection to the draft agenda sent to the group reflector on 25 June. There were no objections.

### Presentation #1

Title: 40GBASE-LR4/ER4 inter-working and XLPPi for ER4

By: Pete Anslow, Ciena

See `anslow_02_0613_smf`

This presentation discussed two comments on P802.3bm D1.0. During the presentation, it was recognised that there was a mistake in the text so a corrected version will be uploaded after the meeting to the SMF Ad Hoc web page.

Comment #76 concerns information on interworking between 40GBASE-ER4 and 40GBASE-LR4 in Clause 87. The consensus of the meeting was that the editors should propose to insert text in 87.7 that points to a new subclause 87.12 saying that this is an engineered link and the requirements are as for 40GBASE-LR4 with the exception of the channel insertion losses max and min which would be in a new table similar to that on page 5 of `anslow_02a_0613_smf`

Comment #166 concerns whether XLPPi should be shown as optional for 40GBASE-ER4 or not. The consensus of the meeting was that since the specification for 40GBASE-ER4 is already challenging and there have been no presentations to date which show that

operation with unretimed interfaces is practical for this PMD, the editors should propose to replace “TBD” with “Not applicable”.

### Presentation #2

Title: 100GBASE-CWDM Baseline Proposal Update

By: Xueyan Zheng , Huawei

See zheng\_01\_0613\_smf

### Presentation #3

Title: 100G CWDM Link Model for DM DFB Lasers with KR4 FEC

By: John Petrilla, Avago

See petrilla\_01\_0613\_smf

After the presentation of both of these contributions, there was some discussion on what an appropriate value for TDP would be. The result of this was that 3.3 dB was not objected to by anyone.

Pete pointed out that in order to adopt an additional baseline in Geneva, it would need to be accompanied by a draft Clause 96 that was updated to be consistent with the new baseline and without any “TBDs” and that this would need to be done in time for Task Force members to see it (via the TF private area) at least a week before the Geneva meeting.

Pete asked the group whether there was a pressing need for an additional SMF Ad Hoc meeting on 2 July since this would have to be coordinated with the end of the SG15 Q6 meeting. No one responded that they saw a need for one, so it is not currently planned to take place. If this situation changes, the meeting will be announced via the e-mail reflector as usual.

The meeting closed at 9:48 am Pacific.

Attendee list (taken from Webex attendee list)

Pete Anslow, Ciena	Malcolm Green, Binoptics
Stephen Bates, PMC-Sierra	Adam Healey, LSI Corporation
Vipul Bhatt, Cisco	Jonathan King, Finisar
Dave Brown, Semtech	Keisuke Kojima, Mitsubishi Electric
Kevin Burt, Samtec	Paul Kolesar, Commscope
Hsu-Feng Chou, Source Photonics	David Law, HP
Chris Cole, Finisar	Chuang Liang, Oplink
Piers Dawe, IPtronics	Dale Murray, LightCounting
Dan Dove, Applied Micro	Gary Nicholl, Cisco
Arash Farhood, Cortina	Tom Palkert, Xilinx, Luxtera, Molex
Galen Fromm, Cray	John Petrilla, Avago Technologies
Paul Goldgeier, ColorChip	Rick Rabinovich, Alcatel-Lucent

Michael Ressler, Hitachi Cable  
Tek-Ming Shen, Huawei  
Xiaolu Song, Huawei  
Peter Stassar, Huawei  
Toshiki Tanaka, Fujitsu  
Katsuhisa Tawa, Sumitomo Electric

Nathan Tracy, TE Connectivity  
Ed Ulrichs, Source Photonics  
Tim Warland, Applied Micro  
Brian Welch, Luxtera  
Li Zeng, Huawei  
Xueyan Zheng, Huawei