

Subject: Minutes (unapproved) of “802.3 25Gb/s Ethernet PMD(s) for single mode fibre SG”
Date: 2016/3/14 and 2016/3/16
Location: On 3/14: Venetian Macau, Rm Florence 2201 AB (L1)
On 3/16: Venetian Macau, Rm Milan 2003 (L1)
Prepared by: K. R. Tamura

Minutes for 3/14 session

Meeting started at 13:10.

David Lewis explained agenda. Documentation must be ready to proceed on Wednesday to TF.

Motion to approve agenda - Moved by Tom McDermott. Approved without objection.

Motion to approve minutes - Moved by Tom McDermott. Approved without objection.

David Lewis explained Study Group Decorum; Ground Rules; Attendance; IEEE Structure; Important Bylaws and Rules; Guidelines for IEEE-SA Meetings; Overview of IEEE802.3 Standards Process; Goals of Study Group.

David Lewis received suggestion to revise Section 5.2b of PAR from “appropriate modifications of, IEEE Std 802.3-2015 as amended by the IEEE P802.3by project.” to “appropriate modifications of, IEEE Std 802.3-2015 as amended.” No objections were raised for making the change.

There was discussion on necessary motions. Documents need to be ready for Thursday (3/17).

Peter Jones gave the adhoc report for the 25G SMF SG.

Motion was made to approve minutes of adhoc. Approved without objection.

Presentation #1

Title: An Approach To 25GbE SMF 10km Specification

Presenter: Kohichi Tamura

Peter Jones commented that the presentation showed one example of how 10km solution was technically feasible. The study of compatibility with PSM4 supports broad market potential.

Presentation #2

Title: An Approach To 25GbE SMF 40km Specification

Presenter: Kohichi Tamura

Tom McDermott commented that APD overload and damage threshold would be useful for future information.

David Lewis reviewed 25G objectives (foundational).

David Lewis reviewed the Draft CSD Responses.

Broad Market Potential – Jan Filip asked whether 500m objective should be added for the PSM4 breakout application. Explanations were given that previous discussion in SG agreed there was no significant cost difference between 500m and 10km for a 25G module, so 10km was agreed as being sufficient. If presentations justifying 500m objective are contributed during TF, then objective can be reconsidered.

Distinct Identity – To distinguish 25G SMF objectives from 25G SMF for EPON (P802.3ca), the following changes were agreed on for the Distinct Identity slide in “25G SMF Study Group Draft: CSD Responses”

(Before change)

- There is no standard or project developing a standard that supports Ethernet at 25 Gb/s for reaches greater than 100 m.
- There is no standard or project developing a standard that supports Ethernet over single-mode fiber cabling at a data rate of 25 Gb/s.

(After change)

- There is no standard or project developing a standard that supports **point-to-point** Ethernet at 25 Gb/s for

reaches greater than 100 m.

- There is no standard or project developing a standard that supports **point-to-point** Ethernet over single-mode fiber cabling at a data rate of 25 Gb/s.

Technical Feasibility – No concerns were voiced.

Economic Feasibility – No concerns were voiced.

David Lewis reviewed the PAR document. Tom McDermott suggested revising the **PAR Section 5.2b to read “point-to-point single mode fiber” to be consistent with the changes made to Distinct Identity.**

Peter Jones explained the benefit for SG extension in case TF not approved.

David Lewis announced Peter Jones as TF Adhoc Chair if TF approved, or as SG Adhoc Chair if TF not approved.

David Lewis called a recess until Wednesday, March 16.

Meeting ended at 14:45.

List of attendees: (17 total)

Name	Employer	Affiliation (if different from employer)
Chang, Jacky	Hewlett Packard Enterprise	Hewlett Packard Enterprise
Filip, Jan	Maxim Integrated	Maxim Integrated
Ingham, Jonathan	Foxconn Interconnect Technology	Foxconn Interconnect Technology
Isono, Hideki	Fujitsu Optical Components	Fujitsu Optical Components
Jackson, Kenneth	Sumitomo	Sumitomo
Jones, Peter	Cisco	Cisco
Kuo, Sanching	AOI	AOI
Lewis, David	Lumentum	Lumentum
Li, Cao	Accelink	Accelink
Lim, Jane	Cisco	Cisco
McDermott, Tom	Fujitsu	Fujitsu
Park, Moonsoo	OE Solutions America	OE Solutions America
Tamura, Kohichi	Oclaro	Oclaro
Ulrichs, Ed	Source Photonics	Source Photonics
Wang, Roy	Hewlett Packard Enterprise	Hewlett Packard Enterprise
Yu, Xu	Huawei	Huawei
Zhong, Qiwen	Huawei	Huawei

Minutes for 3/16 session

Meeting started 13:07

David Lewis had the room make introductions.

David Lewis reviewed “Comments on 25GSMF PAR&CSD”

Procedure for editing PAR to accommodate proposed changes was clarified with David Law.

Discussion took place on changes to Section 5.3 of PAR. For “Yes” answers, the reasons must be given so wording was added to clarify this project depends on completion of 802.3by for MAC and PCS.

Addition of “point-to-point” wording in Distinct Identity were explained.

David Lewis asked for discussion on whether changes addressed received comments.

Discussion took place to confirm edits to Section 5.2b of PAR.

Motion #1 (13:26)

Description: Motion to approve modifications to P802.3cc PAR as described in lewis_160316_1_PAR_CSD_comments.pdf
Moved by: Tom McDermott
Second by: Peter Jones
Technical: (>=75%)
Vote: Y:12 N:0 A:1
Result: Passes

Motion #2 (13:29)

Description: Move to adopt Distinct Identity CSD Response as detailed in lewis_160316_1_PAR_CSD_comments.pdf
Moved by: Tom McDermott
Second by: Peter Jones
Technical: (>=75%)
Vote: Y:13 N:0 A:1
Result: Passes

David Lewis reviewed the 25G SMF closing report.

Motion #3 (13:40)

Description: Request Study Group Chair to move a motion in 802.3 WG to extend 25GSMF SG.
Moved by: Tom McDermott
Second by: Peter Jones
Pass by 50%
Vote: Y:14 N:0 A:0
Result: Passes

WG Chair David Law reviewed modifications to PAR with attendees. No further requests for changes were made. WG chair was requested to respond to IEEE 802 EC with respect to their comments on PAR and CSD.

David Lewis requested minutes of meeting to be sent for upload before Closing Plenary.

Peter Jones explained upcoming adhoc schedule and encouraged contributions to be contributed early.

David Lewis voiced need to identify editor.

Peter Jones explained need for technical consensus at 75% to approve baselines.

David Lewis asked for further business.

Meeting was adjourned at 13:52.

Name	Company	Affiliation
Cao, Li	Accelink	Accelink
Geng, Dan	ZTE	ZTE
Geng, Zhigang	O-Net	O-Net
Guo, Yons	ZTE	ZTE
He, Wilson	Accelink	Accelink
Huang, Xingang	ZTE	ZTE
Jones, Peter	Cisco	Cisco
Law, David	Hewlett-Packard Enterprise	Hewlett-Packard Enterprise
Lee, Hanhyub	ETRI	ETRI
Lewis, David	Lumentum	Lumentum
McDermott, Tom	Fujitsu	Fujitsu
Park, Moonsoo	OE Solutions America	OE Solutions America
Tamura, Kohichi	Oclaro	Oclaro