

Minutes IEEE 802.3 25GSMF SG AdHoc meeting March 2nd 2016

Prepared by Peter Jones

Proposed Agenda:

1. Agenda/Admin Peter Jones

Presentations posted at:

<http://www.ieee802.org/3/25GSMF/public/index.html>

Agenda/Admin Peter Jones:

Meeting began at 2:05pm PST.

1. Reviewed the Attendance information related to the ad hoc.
2. Reminded participants to indicate full names and employer/affiliation correctly for the meeting minutes.
3. Presented the proposed agenda.
 - a. Approved without objection.
4. Minutes for Feb24th.
 - a. Only just posted at <http://ieee802.org/3/25GSMF/public/Adhocs/160224/index.html>, so approval not requested at this time. Will request approval in Macau.
5. Reminded attendees about patent policy, asked if we needed to review patent policy.
 - a. No one requested review.

Presentations/Discussion.

An Approach To 25GbE SMF 10km Specification - Kohichi Tamura – Oclaro

- Clarifications and corrections to last week's presentation, plus some new material.
- Suggest changing "Proposal for 25GbE" to "Possible for 25Gbe", not doing TF work here.
- Slide 4
 - Changed CWDM power budget
- Slide 6
 - Discussion of details, but noted that decisions are TF work.
 - Discussion of TX eye mask definition history for CWDM4/PSM4, some issues with definition and understanding, we may see these again.
- Slide 11
 - Comfort with reusing existing specs, no issues seen.
- Slide 12
 - Discussion on RX Sensitivity to be compatible with PSM4.
 - Any issues with TX overloading a PMS4 receiver?
 - Why not use 32GFC as basis instead of CWDM4 as starting point? What are the tradeoffs here? Bigger transmitter and dispersion penalty.

- Need to balance how we meet core objectives (25GbE at 10KM) vs extras (e.g. interop with PSM4 and/or CWDM4).
- Slide 13
 - Target reach with PSM4 is only 500M, so only use PSM4 loss specs.
 - Conclusion – this proposal for 25GbE and PSM4 could interoperate, even if not compliant.

An Approach To 25GbE SMF 40km Specification - Kohichi Tamura - Oclaro

- Slide 6
 - Aim for one set of numbers, which can be built in both technologies (DML vs EML).
 - Need to be careful with extinction ratio, allows for vendor implementation choice.
- Slide 8
 - Key slide for 40km technical feasibility – show this in Macau.

Open Discussion

- Some discussion about agenda and presentations for Macau.
- No meeting next week.

Meeting closed – ~3:00pm PST

Attendees (from Webex + emails)

Name	Affiliation	Attended 3/2
Dave Lewis	Lumentum	y
Ken Jackson	SEI Device	y
Kohichi Tamura	Oclaro	y
Mike Dudek	Qlogic	y
Peter Jones	Cisco	y
Randy Rannow	Apichip	y
Tom McDermott	Fujitsu	y
Attendee count		7