

Minutes IEEE 802.3 25GSMF SG AdHoc meeting December 16 2015

Prepared by Peter Jones

Proposed Agenda:

1. Agenda/Admin Peter Jones

Adhoc Material posted at:

<http://grouper.ieee.org/groups/802/3/25GSMF/public/Adhocs/index.html>

Agenda/Admin Peter Jones:

Meeting began at 2:05pm PST.

1. Reviewed the Attendance information related to the ad hoc.
2. Displayed pre-par patent slide deck, asked if we needed to review patent policy.
 - a. **No one requested review.**
3. Reminded participants to indicate full names and employer/affiliation correctly for the meeting minutes.
4. Previous meeting minutes are posted at AdHoc site, participants asked to review before next meeting for approval -
http://grouper.ieee.org/groups/802/3/25GSMF/public/Adhocs/151209/jones_25gsmf_minutes_01_120915.pdf
5. Presented the proposed agenda.
 - a. **Approved without objection.**

Presentations/Discussion.

EEE and single lane 25G over SMF, Jonathon King, Finisar

- Should the objective only list “fast wake” to make deep-sleep less likely?
 - Probably not required, general understanding that deep sleep doesn’t apply to optical PHYs
- General agreement with the conclusions in Jonathon’s deck.

Status and possible objectives, David Lewis – Lumentum

- Objectives - draft discussion
 - OTN – assuming we stick with 802.3by choices, OTN should not be an issue.
 - “use existing electrical and logical interfaces from 802.3by”
 - FEC choices? nNot clear it makes sense to use no-FEC or clause 74 FEC for this project.
 - Discussion of ~100-200m reaches in DC, does FEC delay matter there?
 - Concluded that choosing FEC is Task Force business.
 - Suggested starting point for reaches
 - Assume only 10KM/40KM reaches (matching IEEE standards for 10G)
 - Contributions requested for these (TF and EF)

- Contributions requested for any other reaches people are interested in.
 - 40KM - If this is 10G replacement, then logically 40KM needs to be addressed.
 - 25G at 40km seems technically feasible, what's the interaction with 50G SG?
- CSD - Draft discussion
 - BMP
 - Add text regarding reaches to BMP.
 - No case for anything over 100M in DC. Does this exist? Contributions requested.
 - Compatibility
 - Remove some of the 25GBASE-SR language, that's a TF choice.
 - TF
 - Add Fiber channel 32GFC – 10 KM variant to justification
 - EF
 - Add Fiber channel 32GFC – 10 KM variant to justification
- Next meetings
 - Cancel 12/30, 12/23 only runs if we get calls for presentations early.
 - Only two conformed slots before Atlanta. Atlanta only has ½ day. If we don't get PAR/CSD/Objectives approved in Atlanta, can we still move to TF in Macau? Dave Lewis to investigate.

Meeting closed – ~3:06pm PST

Attendees (from Webex + emails)

Name	Affiliation	Attended 12/16
Amrik Bains	Cisco	n
Dale Murray	Lightcounting	y
Dave Lewis	Lumentum	y
David Malicoat	HPE	y
Ed Ulrichs	Source Photonics	y
Jacky Chang	HPE	n
Jeffery Maki	Juniper	n
Jing Fang	marvell	y
Jonathon King	Finisar	y
John Petrilla	Avago	n
Ken Van Orman	spirent	y
Kohichi Tamura	Oclaro	n
Li Cao	Accelink	y
Mike Dudek	Qlogic	y
Peter Jones	Cisco	y
Piers Dawe	Mellanox	y

Steve Trowbridge	Alcatel-Lucent	y
Randy Rannow	Apichip	y
Rita Homer	Synopsys	n
Tom McDermott	Fujitsu	y
Tom Palkert	Molex	n
Attendee count		14