Minutes IEEE 802.3 25GSMF TF AdHoc meeting Jan 4th 2017

Prepared by Peter Jones

Proposed Agenda:

1. Agenda/Admin Peter Jones

Presentations posted at:

http://www.ieee802.org/3/cc/public/adhoc/index.shtml

Agenda/Admin Peter Jones:

Meeting began at 2:20pm PT.

1. Reviewed the Attendance information related to the ad hoc.
2. review patent policy, made call for potentially essential patents
   a. No one responded.
3. Reminded participants to indicate full names and employer/affiliation correctly for the meeting minutes.
4. December 14 minutes, not yet posted
5. Presented the proposed agenda.
   a. Adjusted to fit in with presenter availability

Presentations/Discussion.

Comment report on P802.3cc D2.0 Kohichi Tamura Oclaro

- Chief Editor walked though some comments and proposed resolutions, outlining reasoning.

25GBASE-LR and 25GBASE-ER Interoperation Kohichi Tamura Oclaro

- This was the subject of a number of D2.0 comments.
- Chief Editor proposes a way forward for consideration next week.
- Not a simple tradeoff to be made between usability/plug & play and impact on optics of simplifying the operational steps (e.g., no requirement for attenuators for LR/ER interworking).

40KM Pin receiver reconsideration Xi Huang Huawei

- Update of material from Milpitas (see previous deck at http://www.ieee802.org/3/cc/public/16_10/802d3_cc_25G_40Km%20solution_HUAWEI_20161020.pdf)
- Proposal is to shift 2.8dB OMA from rx to tx to reduce system cost.
- Question about the receiver construction used in the testing to produce the data, e.g. does it include CDR after TIA/PIN?

- Question if this is practical for ER, what about LR? Some question about the RX sensitivity for PIN+EML stated to be -18.2dBm OMA.
- Need to consider system level considerations before increasing TX power– SBS, eye safety, APD damage threshold.
- TF chair provided some guidance to presenter on how to proceed.
- Question about SBS limits.
- Concerns about EML yield over lifetime with higher powered transmitter.
- Presenter encouraged to engage with wider TF to continue discussion.

Meeting closed – ~3:50pm PT

Attendees (from Webex + emails)

Name	Affiliation	Attended 1/4
Ali Ghiasi	Quantum LLC	y
David Lewis	Lumentum	y
David Malicoat	Kazan Networks	y
Greg Bradburn	Cisco	Y
Jacky Chang	HPE	y
Jeffery Maki	Juniper	y
Jonathon King	Finisar	y
Kohichi Tamura	Oclaro	y
Randy Rannow	Apichip	y
Tom McDermott	Fujitsu	y
Attendee count		10