

Minutes 25 Gb/s Ethernet ad-hoc meeting – October 22, 2014

Prepared by Kent Lusted

Proposed Agenda:

- Approval of the Agenda
- IEEE patent policy reminder (see <http://www.ieee802.org/3/patent.html>)
- Approval of draft minutes for October 8
- Study Group Update – Mark Nowell
- Path to a baseline proposal for copper and backplane PMD clauses – Adee Ran
- Layering and Gaps – Eric Baden
- Discussion

Presentations posted at: <http://www.ieee802.org/3/25GSG/public/adhoc/architecture/index.html>

Meeting began at 8:05 a.m. Pacific.

Meeting began with the agenda presentation:

http://www.ieee802.org/3/25GSG/public/adhoc/architecture/agenda_102214_25GE_adhoc.pdf

Matt Brown showed the links to the ad hoc page and the email reflector.

Matt Brown reviewed the Attendance information related to the ad hoc. He reminded participants to indicate full names and employer/affiliation correctly for the meeting minutes.

Matt presented the proposed agenda. There were no objections to the agenda.

Matt reminded participants of the IEEE patent policy. (see <http://www.ieee802.org/3/patent.html>) No one responded.

The October 8 meetings minutes were posted after the meeting. No comments were received. Matt Brown asked if there were objections to approving the minutes as posted. No one responded. The October 8 meeting minutes were approved by the ad hoc.

Mark Nowell reminded ad hoc participants to request presentation by Friday, October 24. Presentation is due Tuesday, October 28. The study group will meet on Tuesday and Wednesday, not Thursday. The plenary week plan is to respond to comments received on the submitted documentation.

Presentation #1:

Adee Ran – “Path to a baseline proposal for copper and backplane PMD clauses”

See http://www.ieee802.org/3/25GSG/public/adhoc/architecture/ran_102214_25GE_adhoc.pdf

- Reviewed assumptions for changes to the copper cables and backplane clauses.
- Reviewed details of possible non-trivial changes and general structure of copper cable and backplane clauses.
- Discussed use of 4 ports of 25 Gbps (i.e. breakout cable) as an MDI type. Chris Diminico offered to prepare a contribution on this subject.
- Discussed the potential use of pervasive management as a way to communicate FEC and PCS parameters resulting from AN.
- Discussed an option to PMD classes is to define two different PHYs.

Presentation #2:

Eric Baden – “Layering and Gaps – Eric Baden”

See http://www.ieee802.org/3/25GSG/public/adhoc/architecture/baden_102214_25GE_adhoc.pdf

- Reviewed a recap of general and common ideas related to the PCS and FEC.
- Reviewed the changes to support the various FEC and PCS options.
- Reviewed a 25G proposal for AMs.

Next meeting is Wednesday, October 29, 2014. Please request agenda time by email to Matt Brown. Requests are due Monday, October 27.

Meeting ended at 9:30 a.m. Pacific.

List of attendees (captured from Webex tool)

Name	Company
Vineet Salunke	cisco
Mark Nowell	cisco
Rick Rabinovich	alcatel-lucent
Mike Andrewartha (Microsoft)	microsoft
Eric Baden (Broadcom)	broadcom
Chris Roth (Molex)	molex
Paul Mooney	spirent
Adee Ran	intel
Mark Jones	xtera
Ingvar Froroth	marvell
rob stone	broadcom
Scott Feller	inphi
Juan-Carlos Calderon	cortina-systems
Matt Brown	apm
Eric Cheng(Lenovo)	lenovo
Mark Pilip	ezchip
Cedrik Begin	cisco
Kenneth Jackson	sei-device
sam sambasivan	labs.att
Karen Liu	kaiamcorp
John D'Ambrosia	Dell
David Law	HP
Chris DiMinico	MC Communications
Mark Gustlin	xilinx
Piers Dawe	mellanox
Andy Moorwood	infinera
Adam Healey	avagotech
Brad Turner	paloaltonetworks
Kent Lusted	intel
Dale Murray	lightcounting
Dave Brown	semtech
Raymond Nering	cisco
Daniel Koehler	morethanip
Oded Wertheim	mellanox
yong kim	broadcom
David Ofelt	juniper
Pirooz Tooyserkani	cisco
Brian Teipen	advaoptical
Gary Nicholl	cisco
Megha Shanbhag	te
Rita Horner	synopsys

Flavio Marques	rocketmail
Tony Zortea (PMCS)	pmcs
David Koenen	hp
Casey Morrison	ti
Rich Mellitz (Intel)	intel
martin white	xpliant
Zhongfeng Wang	broadcom
Tom Ambrose	emulex
Arthur Marris - Cadence	cadence