

Minutes 25 Gb/s Ethernet ad-hoc meeting – October 1, 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 September 24
- 25G PCS Thoughts and Considerations – Yong Kim
- Nomenclature – Kent Lusted
- 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_100114_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 Brown presented the proposed agenda. Matt received 1 request for presentation from Yong Kim. 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 September 24th 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 September 24th meeting minutes were approved by the ad hoc.

Presentation #1:

Yong Kim – 25G PCS Thoughts and Considerations

See http://www.ieee802.org/3/25GSG/public/adhoc/architecture/kim_100114_25GE_adhoc.pdf

- Proposal leverages CI 49 and CI 82, depending on FEC case.
- Much discussion on AMs, BIP and the FEC mode.
- The 2 proposed PCS do not appear to be an implementation challenge

- Differences in perspective seems to be related to a 1/10/25G implementation or a 25/40/100G implementation
- Request for more contributions and proposals for PCS implementations
- Request for MTTFPA analysis for no FEC mode

Presentation #2:

Kent Lusted -- Nomenclature

See http://www.ieee802.org/3/25GSG/public/adhoc/architecture/lusted_100114a_25GE_adhoc.pdf

- Comments raised about complexity of roman numeral naming legacy
- Send comments on nomenclature to email reflector.
- Time limited discussion to slides 1-6. Displayed slides 7-11 for completeness
- Updated presentation with ad hoc markups will be posted to the website

Matt Brown thanks Yong Kim and Kent Lusted for their contributions.

Next meeting is Wednesday, October 8, 2014. Please request agenda time by email to Matt Brown.

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

List of attendees

Name	company
Mark Nowell	cisco
Kent Lusted	intel
Venu B	marvell
Rita Horner	synopsys
Juan-Carlos Calderon	cortina-systems
Rick Rabinovich	alcatel-lucent
Yong Kim	broadcom
Arthur Marris - Cadence	cadence
mike dudek	qlogic
Mark Pilip	ezchip
Steve Trowbridge	alcatel-lucent
Matt Brown	apm
Raymond Nering	cisco
Peter Anslow	ciena
Megha Shanbhag	te
Kenneth Jackson	sei-device
Greg McSorley	Amphenol
Mark Gustlin	xilinx
Derek Cassidy	bt
Shinkyō Kaku	alliedtelesis
Ingvar Froroth	marvell
Gary Nicholl	cisco
Piers Dawe	mellanox
Adee Ran	intel
rob stone	broadcom
Dave Brown	semtech
Rich Mellitz	intel
Cedrik Begin	cisco
Mark Jones	xtera
Oded Wertheim	mellanox
martin white	xpliant
Brian Teipen	advaoptical
Brad Booth	microsoft
Tom Palkert	visi
Jacky Chang	hp
Brett Lane	panduit
Arlo aude	ti
tonmoy mukherjee	ti
Tom Ambrose	emulex

Name	company
Rochan Sankar	broadcom
Mike Andrewartha	microsoft
Zhongfeng Wang	broadcom
Pirooz Tooyserkani	cisco
Dale Murray	lightcounting
Tom brown	vitesse
Ryan Latchman	macom