

## Minutes 25 Gb/s Ethernet ad-hoc meeting – September 24, 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 2
- Progress Update and Next Steps – Mark Nowell
- Editorial considerations – Matt Brown
- Discussion

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

Meeting begins at 8:04 a.m. Pacific.

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

Matt Brown presented the proposed 25G Architecture ad hoc agenda for September 2, 2014. Matt received no requests for presentations. 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 2<sup>nd</sup> meetings minutes have been posted for several weeks. No comments had been received. Matt Brown asked if there were objections to approving the minutes as written. No one responded. September 2 meeting minutes approved by the ad hoc.

### Presentation #1:

Mark Nowell – Progress update and next steps

See [http://www.ieee802.org/3/25GSG/public/adhoc/architecture/nowell\\_092414\\_25GE\\_adhoc.pdf](http://www.ieee802.org/3/25GSG/public/adhoc/architecture/nowell_092414_25GE_adhoc.pdf)

Reviewed the objectives adopted by the Study Group. Reviewed CSD responses unanimous support.

Reviewed PAR status. Intend to proceed with consensus building during the November plenary meeting.

First P802.3by Task Force meeting will be January 2015, if approved by WG, EC and NESCOM. Discussed the PAR commenting process. Reviewed next steps for the Study Group: continue to explore topics/proposals and build consensus. Reviewed big ticket items in ad hocs.

**Presentation #2:**

Matt Brown – 25 Gb/s Editorial Considerations

See [http://www.ieee802.org/3/25GSG/public/adhoc/architecture/brown\\_092414a\\_25GE\\_adhoc.pdf](http://www.ieee802.org/3/25GSG/public/adhoc/architecture/brown_092414a_25GE_adhoc.pdf)

Reviewed potential new clauses/annexes. Intend to reference other existing clauses where possible in order to avoid copying/writing existing material. Three clauses need significant work: PCS, CR PMD, cable/host use cases. Discussion of XXVAUI as an extender. Reviewed amended clauses/annexes; most changes are minor. No obvious changes required to CL 90. Suggestion to include Annex 4A. Reviewed architectural concepts. Discussion on PMA as N:1 vs. 1:1 and XXVAUI-1 naming convention. Discussed architecture concept diagrams for the purpose of agreeing on the layers. Consider partitioning examples like Annex 83C. Need to add cases with chip-to-chip to optical slide. Amended presentation to be posted with mark-ups shown.

**Need nomenclature proposals for next ad hoc meeting.**

Matt Brown reviewed the Big Ticket Items to resolve. See arch ad hoc summary from September interim meeting for additional details.

([http://www.ieee802.org/3/25GSG/public/Sept14/brown\\_25GE\\_01\\_0914.pdf](http://www.ieee802.org/3/25GSG/public/Sept14/brown_25GE_01_0914.pdf) )

Next meeting is Wednesday, October 1, 2014. Please request agenda time by email to Matt Brown.

Yong Kim requested to present a contribution at the next ad hoc.

Meeting ended at 9:33 a.m. Pacific.

## List of attendees

Name	Company
Rick Rabinovich	alcatel-lucent
Ghani Abbas	ericsson
Casey Morrison	ti
Andy Zambell	fci
Rakesh Sambaraju	nexans/Berk-Tek LLC
george zimmerman	CME Consulting
Mark Nowell	cisco
Dale Murray	lightcounting
Jason Pritchard	tilera
mike dudek	qlogic
Mark Gustlin	xilinx
Steve Trowbridge	alcatel-lucent
Juan-Carlos Calderon	cortina-systems
Ingvar Froroth	marvell
Brian Teipen	advaoptical
Matt Brown	apm
Kenneth Jackson	sei-device
salvatore rotolo	st
Kent Lusted	intel
Joel Goergen	cisco
Derek Cassidy	bt
Greg LeCheminant	keysight
Piers Dawe	mellanox
Charlie Nogales	emulex
Pirooz Tooyserkani	cisco
Adam Healey	avagotech
Arthur Marris	cadence
john dambrosia	gmail
Gary Nicholl	cisco
Tom brown	vitesse
Tom Palkert	visi
Venu Balasubramonian	marvell
Shankar Hariharan	cisco
Rita Horner	synopsys
Yong Kim	broadcom
Rich Mellitz	intel
Megha Shanbhag	te
David Law	hp
Vineet Salunke	cisco

john dambrosia	gmail
Daniel Koehler	morethanip
Erdem Matoglu	amphenol-tcs
Thananya Baldwin	ixiacom
Zhongfeng Wang	broadcom
David Ofelt	juniper
Dave Brown	semtech