

Minutes P802.3by 25 Gb/s Ethernet Task Force ad-hoc meeting – October 7, 2015

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 9, 2015
- P802.3by Task Force Update, Mark Nowell
- P802.3by D2.0 editorial update, Matt Brown
- “Single 25GBASE-CR PMD with optional RS-FEC”, Yasuo Hidaka
- “PHYS, FEC modes and Cable assemblies: Can we do better?”, Adeo Ran
- “CA-S cable specification”, Mike Dudek

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

Meeting began at 8:03 a.m. Pacific.

Meeting began with the agenda presentation:

http://www.ieee802.org/3/by/public/adhoc/architecture/agenda_100715_25GE_adhoc-v2.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 reminded participants to mute their lines when not speaking and reviewed the steps to unmute.

Matt presented the proposed agenda. No one responded. The agenda was approved by the ad hoc.

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

The September 9 meeting minutes were posted on September 10. Kent noted that no comments were received on the posted minutes or their delayed posting. Matt asked if there were any objections to approving the posted minutes. No one responded. The September 9 meeting minutes were approved by the ad hoc.

25GE Task Force update – Mark Nowell

- Reminder that recirc ballot is open. Vote from first ballot carries unless you wish to change it.
- D2.1 ballot closes on Saturday, 10 October.
- Out-of-cycle interim on October 15. The task force is planning for a full day meeting.
- Mark asked that attendees register on the Eventbrite website. See reflector email for details.
- The conference will be a meeting without teleconference capability.
- After the release of Draft 2.2, David Law will send out an email with instructions on how to join the Sponsor Ballot pool. There is an additional cost to join the Sponsor Ballot pool.
- The plan for the November plenary is for the Task Force to meet on Wednesday afternoon and Thursday morning.

P802.by editorial update – Matt Brown

- Reviewed the editorial schedule.
- D2.1 ballot closes on Saturday, 10 October.
- There was a request to post a partial list of proposed responses to facilitate early feedback prior to the out-of-cycle meeting.
- Matt asked participants to review the proposed responses when posted and send feedback to the editors promptly, given the schedule constraints.

Matt noted that he will limit the presentations to ~15 minutes each and asked that participants hold questions to the end of the presentation. No one objected.

Presentation #1:

“Single 25GBASE-CR PMD with optional RS-FEC”, Yasuo Hidaka

See http://www.ieee802.org/3/by/public/adhoc/architecture/hidaka_100715_25GE_adhoc.pdf

- Clarifying questions were asked and answered.

Presentation #2:

“PHYS, FEC modes and Cable assemblies: Can we do better?”, Adee Ran

See http://www.ieee802.org/3/by/public/adhoc/architecture/ran_100715_25GE_adhoc.pdf

- Clarifying questions were asked and answered.

Presentation #3:

“CA-S Cable Specification”, Mike Dudek

See http://www.ieee802.org/3/by/public/adhoc/architecture/dudek_100715_25GE_adhoc.pdf

- There was a request for cable models for the proposal on slide 4. Erdem Matoglu agreed to provide cable models for 4m.
- There was concern with increasing the reach target because it could set a precedent for future projects.
- Discussed the cable type classifications and the relation to length.
- Discussed the impact of the proposed change on the schedule, the draft, and the intent to go to Sponsor Ballot in November. There is a risk that a new TR comment on draft 2.2 would delay entry into Sponsor ballot
- Matt summarized that several people expressed concerned with the change for Draft 2.2.

Discussion:

- Matt noted that the editorial team is schedule challenged and asked participants to consider the changes for the Sponsor Ballot cycle.
- Discussed the differences between the Ran and Hidaka presentation.
- Discussed the no-FEC and RS-FEC options with the different cable types.

Next ad hoc meeting is October 14, 2015. Discussed cancelling the ad hoc meeting due to travel schedules of the out-of-cycle interim participants. Decided to keep it as scheduled for now for those unable to attend the Interim meeting on the 15th.

The ad hoc meeting ended at 9:31 a.m. Pacific.

List of attendees (captured from Webex tool)

Name	company
Adee Ran	intel
Adrian Butter	globalfoundries
Amrik	cisco
anil	brocade
Arthur Marris (Cadence)	cadence
Carlo Tosetti (Cisco)	cisco
Chris Roth (Molex)	molex
Dan Cunningham	arista
dan dillow (FCI)	fci
David Law	hpe
david malicoat	hpe
Dino Pozzebon	pmcs
Erdem Matoglu - Amphenol	amphenol-tcs
Gary Nicholl	cisco
Geoffrey Chacon (HP)	hp
george zimmerman	independent
Ghani Abbas	ericsson
Gianpiero Bognanni	cisco
Greg LeCheminant	keysight
Jacky Chang	hpe
Jeff Slavick	avagotech
Jeffery Maki	juniper
Jing Fang	marvell

John Dillard	microsemi
John Nelson	arista
Ken Van Orman	spirent
Keng Hua Chuang	hpe
Kenneth Jackson	sei-device
kent lusted (intel)	intel
Kumaran Krishnasamy	broadcom
Marc Dupuis	molex
Mark Gustlin	xilinx
Mark Nowell	cisco
martin white	caviumnetworks
mbrown	apm
Megha Shanbhag	te
Mike Andrewartha (Microsoft)	microsoft
Mike Dudek	qlogic
Mohammad Gharaei	belden
Nathan Tracy	te
Oded Wertheim	mellanox
ofelt@juniper.net	juniper
Phil Sun	marvell
Piers Dawe	mellanox
Qing Xu	belden
Rami Zemach	marvell
Ray Nering	cisco
Rich Mellitz	intel
Rick Rabinovich	alcatel-lucent
Rita Horner	synopsys
Scott Sommers	molex
shaohua li	brocade
Steve Trowbridge	alcatel-lucent
Upendranadh Kareti	cisco
Vittal	dell
Warren Meggitt	arista
Yasuo Hidaka	us.fujitsu
Yong Kim	broadcom
Yuri Vandyshev	cisco