

Minutes P802.3by 25 Gb/s Ethernet Task Force ad-hoc meeting – February 11, 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 February 4 2015
- 25GE Task Force Update – Mark Nowell
- P802.by D0.1 editorial update – Matt Brown
- “AN FEC selection” – Eric Baden

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

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

Meeting began with the agenda presentation:

http://www.ieee802.org/3/by/public/adhoc/architecture/agenda_021115_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 presented the proposed agenda. No one objected.

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

The February 4 meeting 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 February 4 meeting minutes were approved by the ad hoc.

25GE Task Force update – Mark Nowell

- Private area is setup on the website.
- PW was shared at meeting. Available by email from Mark Nowell
- Thanked the editors for their work to generate draft 0.1. It is posted in the private area for Task Force review.
- At March meeting, the Task Force will start at 8:00 a.m. on Monday morning. Please plan travel accordingly. Focus of meeting will be on proposals to address gaps in draft to progress towards technically complete and comment resolution to enable draft 1.0.
- Some gaps remain to make the document technically complete.

Presentation #1:

“802.3by D0.1 editorial update #2” – Matt Brown

See http://www.ieee802.org/3/by/public/adhoc/architecture/brown_021115_25GE_adhoc_v2.pdf

- Added an extra Annex 109C for examples of PMA sub-layer portioning. Offers assistance to the reader on how to use the MMD addressing.
- Reviewed tentative editorial schedule. Draft 0.1 is posted to the private area. Please note that the comment deadline is February 23, 2015 at 3:00 p.m. EST.
- Reviewed future consensus work. Editors will file comments for the items marked TBD in the draft. Please contact editors and Task Force Chair if reviewers have a consensus presentation addressing the item.
- Matt kindly asked reviewers to use the comment tool for input. Mark Nowell noted that there is a link in the email to Wael Diab’s presentation on how to use the comment tool.
- Please enter the clause number into the subclause number into the tool.

Presentation #2:

“AN FEC Selection” – Eric Baden

See http://www.ieee802.org/3/by/public/adhoc/architecture/baden_021115_25GE_adhoc.pdf

- Reviewed the PHY Type designations and the associated FEC implications.
- Received comments regarding the advertisement of backplane and copper media types simultaneously.
- Reviewed option #1 proposal details.
- Reviewed option #3 proposal details. Much discussion on the FEC modes available by PHY type and the PHY type designation.
- Mark Nowell noted that the presentation attempts to focus the Auto-Negotiation FEC selection on either option #1 or option #3 only. Making this choice will provide framework for the AN clause and will work for whatever technical resolutions we converge on around cables/reaches/FECs/PHY designations. That topic is still open but is independent to choosing the AN FEC resolution option.
- Much discussion on the Request & Ability bits on priority, designation, the resolution process, and rate-per-lane assumptions.
- Comment that Clause 91 reference should be Clause 108.
- Comment that AN should provide explicit outcome to the resolution process to provide clarity to the reader or implementer.

Next ad hoc meeting is February 18, 2015.

Meeting ended at 9:18 a.m. Pacific.

List of attendees (captured from Webex tool)

Name	company
Adee Ran	intel
Alexander Rysin	mellanox
Ali Ghiasi	independent
Arthur Marris (Cadence)	cadence
Brad Booth	microsoft
Brian Teipen	advaoptical
Carlo Tosetti	cisco
Chad Erven	semtech
chris diminco	MC Communication
Chris Roth (Molex)	molex
Dale Murray	lightcounting
Dan Cunningham (Arista)	arista
Dan Dove	Emulex
David Chalupsky (Intel)	intel
Derek Cassidy	bt
Don Cober (CoMira)	comira-inc
Doug Day (Toshiba)	taec.toshiba
Erdem Matoglu	amphenol-tcs
Eric Baden (Broadcom)	broadcom
George Zimmerman	Aquantia & Commscope
Ingvar Froroth	marvell
Jeff Hutchins	ranovus
Jeff Slavick	avagotech
Jeffery Maki	juniper
Jing Fang	marvell
Joe Gervais	emulex
Juan-Carlos Calderon	cortina-systems
Kapil Shrikhande	dell
Ken Van Orman	spirent
Kenneth Jackson	sei-device
Kent Lusted (Intel)	intel
Marc Dupuis	molex
Mark Nowell	Cisco
Matt Brown	apm

Megha Shanbhag	te
Mike Andrewartha	microsoft
Mike Dudek	qlogic
Nathan Tracy	te
Oded Wertheim	mellanox
Peter Anslow	ciena
Phil Sun	marvell
Phil Sun	marvell
Pirooz Toyserkani	cisco
Randy k Rannow	unspecified
Raymond Nering	cisco
Rich Mellitz	intel
Rick Rabinovich	alcatel-lucent
Scott Kipp	brocade
Scott Sommers	molex
Shinkyō Kaku	alliedtelesis
Sue Bueti	us.ibm
Thomas Brown	vitesse
Tom Palkert	Molex
Venu B (Marvell)	marvell
Warren Meggitt	arista
Yasuo Hidaka	us.fujitsu
Yong Kim (Broadcom)	broadcom
Yuri Vandyshv	cisco