

IEEE P802.3cd Ad Hoc meeting – September 7, 2016

Prepared by Kent Lusted

Proposed Agenda:

- Approval of the Agenda
- Approval of the August 31 minutes
- IEEE patent policy reminder:
 - <http://www.ieee802.org/3/patent.html>
- P802.3cd TF Ad Hoc –
 - Task Force Update, Mark Nowell
 - “Path forward for 100G SMF objectives in 802.3cd”, Gary Nicholl
 - “Potential CSD Updates”, Matt Brown

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

Meeting began at ~8:05 a.m. Pacific by Kent Lusted.

Meeting began with the agenda presentation:

http://www.ieee802.org/3/cd/public/adhoc/archive/agenda_090716_3cd_adhoc.pdf

Kent reviewed the Attendance information related to the ad hoc. He reminded participants to indicate full names and employer/affiliation correctly for the meeting minutes. He reminded participants to mute their lines when not speaking and reviewed the steps to unmute.

Kent showed the links to the IEEE P802.3cd Task Force ad hoc page and the email reflector.

Kent presented the proposed agenda and asked if there was objection as written. The agenda was approved by the ad hoc.

Kent asked if there were comments regarding the posted minutes for the August 31 ad hoc meeting. No one responded.

Kent reminded participants of the IEEE patent policy. He asked if anyone was unfamiliar with the IEEE patent policy. No one responded.

P802.3cd Agenda Items

Task Force Update, Mark Nowell:

- Next Task Force meeting is the September 2016 Interim in Fort Worth.
- Meeting Wednesday (Sept 14) to Friday (Sept 16). Meeting will start right after P802.3bs finishes and no later than 1pm.
- Pete Anslow noted that the P802.3bs Task Force received many comments on Draft 2.0 to process during the interim meeting.
- John D'Ambrosia noted that the Task Force time will have closing business on Wednesday morning.
- Expect many people to be leaving in the afternoon on Friday and hope to have important work done by ~1:30PM on Friday.
- Presentations are expected to be uploaded by Friday at the latest, partially due to the US holiday on Monday.

Presentation #1:

"Path forward for 100G SMF objectives in 802.3cd", Gary Nicholl

See: http://www.ieee802.org/3/cd/public/adhoc/archive/nicholl_090716_3cd_adhoc.pdf

- Gary indicated that this presentation is a summary of offline consensus building.
- Participants that wish to be listed as a supporter should send an email to the author.
- It was noted that the proposed changes remove the possibility of a 2 lane 50 Gb/s solution for the 100 Gb/s SMF objective.

Presentation #2:

"Potential CSD Updates", Matt Brown

See: http://www.ieee802.org/3/cd/public/adhoc/archive/brown_090716_3cd_adhoc.pdf

- Matt kindly asked participants to hold questions until the end of the presentation.
- Matt noted that the presentation is a strawman proposal for changes to the CSD.
- For the Distinct Identity proposed changes, there was concern that the phrase "not currently defined in IEEE Std. 802.3" was not sufficient. Discussed alternatives. There was agreement to make a change.
- Chair discussed the steps to progress the Task Force forward and potential ways to prevent adopting a baseline without the CSD changes, or vice versa.
- Discussed the term "as appropriate" on the Broad Market Potential change proposal (page 5). Discussed various interpretations. No change was deemed necessary.
- Discussed the proposed changes on the Technical Feasibility (page 8). There was a request to be explicit on the electrical and optical rates for the component technology. Debated if the change was necessary. There was agreement to make a change.
- Discussed the proposed changes on the Economic Feasibility (page 9). There was concern that the changes to the statement starting with "Experience in the development of Ethernet..." weakened the statement. Discussed alternatives and the impact to answering the criteria. Decided to change the sentence to reference "higher speed" rather than a specific rate. Made a few other changes on the slide.
- There was a request to review the complete document, from the beginning, to ensure that no other changes are necessary. A correction was made to slide 6.

- Author noted that he will prepare a changed draft (as a result of this ad hoc session) for posting to the Task Force website for participant review. (see http://www.ieee802.org/3/cd/public/adhoc/archive/brown_090716_3cd_adhoc-v2.pdf)

Chair outlined the proposed approach for next week's Task Force meeting. Chair noted that Gary Nicholl will review his presentation. Matt will review his presentation. Chair anticipates a joint motion to adopt both the objective changes as well as the CSD changes together. If there are concerns with the proposed approach, please contact the Chair.

The next ad hoc call will be announced at the interim meeting.

*** A free drink to the first person to let the chair know they read this ***

The ad hoc meeting ended at ~9:30 a.m. Pacific.

List of attendees (captured from Webex tool)

Participant	Company
aanandakumar	maxlinear
Adam Healey	broadcom
Alexey Frolov	aquantia
Ali Ghiasi	ghiasiquantum
Arthur Marris	cadence
Arturo Pachon	te
Bill Kirkland	semtech
Brandon Chen	te
D. Lapierre	exfo
Dale Murray	lightcounting
Dave Lewis	lumentum
David Law	hpe
david malicoat	hpe
David Ofelt	juniper
Erdem Matoglu	amphenol-tcs
Fernando De Bernardinis (Mrvl)	marvell
Gary Nicholl	cisco
Gianpiero Bognanni	cisco
Hanan Leizerovich	multi-phy
Jack Dawson	netronome
James Fife	etopus
Jane Lim	cisco
Jason Ellison	siemon
Jeff Twombly	credosemi
Jeffery Maki	juniper.net
Jing Fang	marvell
John D'Ambrosia	ieee.org
John Dillard	microsemi
John Ewen	globalfoundries
John Nelson	arista
jonathan king	finisar
Justin Abbott	lumentum
Karen Liu	kaiam
kayt	?
Kenneth Jackson	sei-device

kent lusted	intel
Kumaran Krishnasamy	broadcom
Mark Nowell	cisco
martin white	caviumnetworks
Matt Brown	apm
Matt Traverso	cisco
Mike Dudek	qlogic
Mike Peng Li	altera
Nathan Tracy	te
Paul Kolesar	commscope
Peter Anslow	ciena
Peter Stassar	huawei
Phil Sun	credosemi
Piers Dawe	mellanox
Qing Xu	belden
Rajmohan Hegde	broadcom
Rami Al-obaidi	comcores
ramin farjad	aquantia
RICHARD MELLITZ	samtec
Rick Rabinovich	ixiacom
Rita Horner	synopsys
Rob Stone	broadcom
Sarah mille	?
scott sommers	molex
Steve Trowbridge	nokia
T.SAKAI	socionext
Tad Hofmeister	?
Tao Hu	qlogic
Ted Sprague	infinera
Tom Issenhuth	microsoft
Tom McDermott	us.fujitsu
Tom Palkert	visi
Tongtong Wang	huawei
Upen Kareti	cisco
will bliss	broadcom
Yasuo Hidaka	us.fujitsu
Zvi	mellanox
Jerry Pepper	lxia
Thananya Baldwin	lxia