IEEE P802.3cd Ad Hoc meeting – February 1, 2017

Prepared by Kent Lusted

Proposed Agenda:

- Approval of the Agenda
- Approval of the January 4 minutes
- IEEE patent policy reminder:
    - http://www.ieee802.org/3/patent.html
- IEEE Participation Requirements reminder
- P802.3cd TF Ad Hoc –
    - Task Force Update, Mark Nowell (10 min)
    - "P802.3cd D1.2 Editorial Update", Matt Brown
    - "COM Consensus work", Rich Mellitz (20 min)

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_010417_3cd_adhoc.pdf

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 lines when not speaking and reviewed the steps to unmute.

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

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

Asked if there were comments regarding the posted minutes for the January 4 2017 ad hoc meeting. No one responded.

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

Reminded participants of the IEEE Participation Requirements and showed the slide with the Participation requirements. He asked if anyone was unfamiliar with the IEEE Participation Requirements. No one responded.

P802.3cd Agenda Items

Task Force Update, Mark Nowell:
- Editorial team working through comments against Draft 1.1 and preparing Draft 1.2.
- Anticipating a move to Working Group ballot at the March Plenary meeting. Chair noted that the scope of the review is the entire document and welcomes all comments.
- Task Force is meeting in March, the week of the 12th.
- Meet on Monday and Tuesday. Will break for opening plenary on Monday.
- John D'Ambrosia noted that P802.3bs TF will start no later than Wednesday, but as early as P802.3cd TF completes on Tuesday.

Presentation #1:
"P802.3cd D1.2 Editorial Update", Matt Brown
See: http://www.ieee802.org/3/cd/public/adhoc/archive/brown_020117_3cd_adhoc.pdf
- Author noted a change in affiliation to MACOM.
- Author provide a brief overview of the comments then reviewed them in details.
- Clause 136, Part 1. COM parameters work will help close this section.
- COM consensus work is focused on Clause 137 methodology, then Clause 137 values, and then apply to Clause 136. Rich Mellitz will cover additional details in his presentation.
- There was concern with a change to the mated test fixture differential return loss. May need to tighten the spec to address a potential hole in the specification. Need to check both SFP and QSFP connectors. Ali Ghiasi agreed to lead an offline consensus building meeting on this topic.
- Presentation was paused at slide 9 until Jonathan King (Clause 138 editor) can join the call.

Presentation #2:
"COM Consensus work", Rich Mellitz
See: http://www.ieee802.org/3/cd/public/adhoc/archive/mellitz_020117_3cd_adhoc.pdf
- Rich noted that supporting material is available on the ad hoc website. See http://www.ieee802.org/3/cd/public/adhoc/archive/hidaka_020117_3cd_adhoc.pdf and http://www.ieee802.org/3/cd/public/adhoc/archive/hidaka_020117_3cd_adhoc.xlsx
- Chair summarized the consensus work as evaluating various methods to improve the COM results.
- Discussed if there is a hole in the spec or not for worst case channels in COM. There was disagreement on whether there is a spec hole.
- Kent noted that participants interested in the offline meeting can contact either himself or the Task Force Chair. Rich Mellitz indicated that he would make an announcement over the email reflector.

(Resumed) Presentation #1:
"P802.3cd D1.2 Editorial Update", Matt Brown
See: http://www.ieee802.org/3/cd/public/adhoc/archive/brown_020117_3cd_adhoc.pdf
- Reviewed optical open items with Jonathan King (Clause 138 editor)
- Jonathan expects a future presentation with supporting details for the first 6 items on slide 9. Discussed the potential impact on moving to Working Group ballot.

- Jitter tolerance parameters are primarily for the electrical link from the module. It is a combined test.
- There was agreement that the second, third and fifth items on slide 10 could be make black.

*** A free drink to the first person to let the Task Force Chair know they've read this ***

The ad hoc meeting ended at ~10:00 a.m. Pacific.

List of attendees (captured from Webex tool)

David Lewis	lumentum
Andre Szczepanek	inphi
Rick Rabinovich	ixiacom
Mark Nowell	cisco
John D'Ambrosia	Huawei
scott sommers	molex
kent lusted (intel)	intel
Matt Brown	apm
Kenneth Jackson	sei-device
Jeff Slavick	broadcom
Jeffery Maki	juniper
Karen Liu	kaiam
RICHARD MELLITZ	samtec
Adrian Butter	globalfoundries
David Chalupsky (Intel)	intel
Rajmohan Hegde	broadcom
Tom McDermott	us.fujitsu
Paul Kolesar	commscope
Rick Rabinovich	ixiacom
gary nicholl	cisco
Ted Sprague	infinera
Jim Duda	acacia-inc
David Andres	marvell
martin white	cavium
Rick Rabinovich	ixiacom
Mike Dudek	cavium
Jeff Hutchins	Ranovus
Zvi	mellanox
Rick Rabinovich	ixiacom
Ali Ghiasi	Ghiasi Quantum
Piers Dawe	mellanox
Ted Sprague	infinera
Peter Anslow	ciena
Tatyanna Hernandez Moraes	gmail
Raymond Nering	cisco
david malicoat	Kazan Networks

Phil Sun	credosemi
Bill Kirkland	semtech
Adam Healey	broadcom
Will Bliss	broadcom
Howard Heck	intel
Robert Holland	seagate
Zhenyu Liu	credosemi
Zhenyu Liu	credosemi
Dan Dillow (Amphenol)	fci
aanandakumar	maxlinear
Upen Kareti	cisco
Timothy Pak	luxshare-ict
jonathan king	finisar