IEEE P802.3cd Ad Hoc meeting – October 5, 2016

Prepared by Kent Lusted

Proposed Agenda:

- Approval of the Agenda
- Approval of the September 7 minutes
- IEEE patent policy reminder:
  - http://www.ieee802.org/3/patent.html
- P802.3cd TF Ad Hoc –
  - Task Force Update, Mark Nowell
  - "Ideas to refine SNDR and COM computations", Rich Mellitz
  - "Variation of COM Parameters for Package Trace and Termination Resistance", Yasuo Hidaka

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_100516_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 September 7 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:

- November meeting announcement went out over the email reflector. See: http://www.ieee802.org/3/cd/email/msg00083.html
- Presentation requests are due Oct 28. Presentations are due November 1.
- Meeting will be all-day Wednesday and Thursday morning due to overlap with the P802.3bs project.
- Draft 1.0 is in development by the editorial team.
- Matt Brown noted that the review is expected to open around October 14. Expect a 2 week review cycle.

Presentation #1:
"Ideas to refine SNDR and COM computations", Rich Mellitz
See: http://www.ieee802.org/3/cd/public/adhoc/archive/mellitz_100516_3cd_adhoc.pdf

- Discussed the TX sndr numbers in COM for backplane vs. cable.
- Author noted that this presentation was recently given in the P802.3bs electrical ad hoc meeting.
- Discussed the need to define SNR_ISI and DFE_RSS specifications. Much discussion.
- Kent Lusted asked that participants interested in the topic to contact the author offline for additional discussion.

Presentation #2:
"Variation of COM Parameters for Package Trace and Termination Resistance", Yasuo Hidaka
See: http://www.ieee802.org/3/cd/public/adhoc/archive/hidaka_100516_3cd_adhoc.pdf

- Discussed the computation of the deltaCOM values on slide 9.
- Discussed the variation in the COM results due to package differences.
- Kent Lusted asked that participants interested in the topic to contact the author offline for additional discussion.

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

The ad hoc meeting ended at ~9:25 a.m. Pacific.

List of attendees (captured from Webex tool)

aanandakumar	maxlinear
Adee Ran	intel
Ali Ghiasi	Ghiasi Quantum
Anand A	mxl
Andy Zambell	n/a
Arturo Pachon	te
Bharat Tailor	semtech
Bill Kirkland	semtech
Brian Welch	luxtera
david malicoat	hpe
Fernando De Bernardinis	marvell
Jack Dawson	netronome
James Fife	etopus
Jane Lim	cisco
Jason Ellison	siemon
Jeff Twombly	credosemi
Jeffery Maki	juniper.net
Jenny cholland	cisco
Jing Fang	marvell
John Dillard	microsemi
John Nelson	arista
Josh Roland	n/a
Kenneth Jackson	sei-device
kent lusted	intel
Kumaran Krishnasamy	broadcom
Marc Dupuis	webindustries
Mark Kimber	semtech
Mark Nowell	cisco
Matt Brown	apm
Megha Shanbhag	te
Mike Dudek	qlogic
Mike Peng Li	intel
Moonsoo Park	oesolutions
Nathan Tracy	te
Nichole Mcniel	de
Paul Mooney	spirent
Peter Anslow	ciena

Peter Stassar	huawei
Phil Sun	credosemi
Piers Dawe	mellanox
Rajmohan Hegde	broadcom
Rami Al-obaidi	comcores
RICHARD MELLITZ	samtec
Rick Pimpinella	panduit
Rick Rabinovich	ixiacom
Rita Horner	synospys
T.SAKAI	socionext
Tao Hu	qlogic
Ted Sprague	infinera
Tom Issenhuth	microsoft
Vittal Balasubramani	dell
Xin Wu Hju	n/a
Yaniv Sabag	intel
Yasuo Hidaka	us.fujitsu
yong kim	broadcom