

IEEE P802.3cd Ad Hoc meeting – October 25, 2017

Prepared by Kent Lusted

Proposed Agenda:

- Approval of the Agenda
- Approval of the Sept 6 minutes
- IEEE patent policy reminder:
 - <http://www.ieee802.org/3/patent.html>
- IEEE Participation Requirements reminder
- P802.3cd TF Ad Hoc –
 - P802.3cd Task Force Update, Mark Nowell (5 min)
 - “IEEE 802.3cd 100GAUI-2 to 100GBASE-DR Jitter Challenge”, Casper Dietrich (25 min)
 - “VEC spec for 50GAUI-1 C2M and 100GAUI-2 C2M”, Piers Dawe (25 min)

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

Meeting began at ~9:05 a.m. Pacific by Kent Lusted. He noted that the call will be 1 hour duration as announced in the proposed agenda email.

Meeting began with the agenda presentation:

http://www.ieee802.org/3/cd/public/adhoc/archive/agenda_102517_3cd_adhoc.pdf

The ad hoc chair 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 of the last 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.

Agenda Items

P802.3cd Task Force Update, Mark Nowell:

- Next Task Force face-to-face meeting will be in Orlando, FL, USA the week of November 5, 2017.
- Presentation deadline is Friday, 27 October. Presentations due Tuesday, 31 October.
- Will meet all-day on Tuesday. If 3bs ends early on Monday, the TF may start on Monday. More details will be announced later on the reflector after the P802.3bs ballot closes.
- The TF is trying to go to Sponsor Ballot. Invitation to join the ballot was announced over the email reflector and closes after the Plenary meeting.
- Recirculation ballot closed on 11 October. There are 31 comments to resolve at the Plenary meeting.

Presentation #1:

“IEEE 802.3cd 100GAUI-2 to 100GBASE-DR Jitter Challenge”, Casper Dietrich

See: http://www.ieee802.org/3/cd/public/adhoc/archive/dietrich_102517_3cd_adhoc.pdf

- Much discussion on the source of the problem shown on slide 3. Discussed that the problem is a transmitter problem.
- There was much discussion on the various solutions proposed as well as alternatives.
- There was a request for more details on the implementations and eye diagrams.

Presentation #2:

“VEC spec for 50GAUI-1 C2M and 100GAUI-2 C2M”, Piers Dawe

See: http://www.ieee802.org/3/cd/public/adhoc/archive/dawe_102517_3cd_adhoc.pdf

- It was noted that the eye diagram on slide 5 was taken with a worst case host output with minimum loss host.
- The proposed solution only adds a new calculation, not a new measurement procedure.
- The data shown is from simulation. There was a request for diagrams collected from a real device data.

*** 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 a.m. Pacific.

List of attendees (captured from Webex tool)

Karen Liu	kaiam
David Chen (AOI)	ao-inc
John Nelson	arista
Kumaran Krishnasamy	broadcom
kent lusted	intel
bill kirkland	semtech
Piers Dawe	mellanox
martin white	cavium
Marco Mazzini	cisco
Jane Lim	cisco
Casper Dietrich	mellanox
T.SAKAI	socionext
Will Bliss	broadcom
Adee Ran	intel
Yasuo Hidaka	us.fujitsu
Ramin Farjad	aquantia
Nathan Tracy	te
Fernando De Bernardinis	esilicon
Jeff Slavick	broadcom
Phil Sun	credosemi
hayakawa	jp.fujitsu
Rita Horner	synopsys
Rick Rabinovich	ixiacom
peter stassar	huawei
Frank Lambrecht (Gigamon Inc.)	gmail
Matt Brown	apm
Peter Anslow	ciena
Dave	Marvell
James Fife	etopus
jonathan king	finisar
Stephen Didde	keysight
Dave Lewis	lumentum
Ali Ghiasi	gmail
Greg LeCheminant	keysight
Mark Nowell	cisco
Gary Nicholl	cisco
Upen Kareti	cisco

Oded Wertheim	mellanox
Ali Ghiasi	Ghiasi Quantum
Mike Dudek	cavium
aanandakumar	maxlinear
Jim McGrath	spectra7
Tom Palkert	Molex
Ed Frlan	semtech
Matt Brown	macom
prashant baveja	ao-inc
Paul Kolesar	commscope
Ted Sprague	infinera
TAO HU	cavium
RICHARD MELLITZ	samtec