

IEEE P802.3cd Ad Hoc meeting – November 29, 2017

Prepared by Kent Lusted

Proposed Agenda:

- Approval of the Agenda
- Approval of the Nov 22 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
 - “AC coupling and impedances in Tx/RX electrical test setups”, Adee Ran

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. 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_112917_3cd_adhoc-v2.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. Adee Ran adjusted the title of his presentation. 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

- Initial Sponsor Ballot is still open until Dec 15, 2017. Participants are encouraged to submit comments
- Participants are encouraged to build consensus offline and thru the adhoc meetings.
- Meeting at January 2018 interim, week of Jan 22. Plan to address comments and generate D3.1
- Presentation deadline is January 16, 2018.
- Chair noted that they are trying to minimize overlap with the other Study Groups and Task Forces meeting times. Please be aware that meetings may have variable start times so one group can start when another finishes – please consider when booking your travel.
- There is a joint IEEE/ITU workshop on Saturday, January 27, 2018. High level agenda is available at <https://www.itu.int/en/ITU-T/Workshops-and-Seminars/20180127/Pages/default.aspx>
- Kent noted that the Dec 27, 2017 ad hoc call has already been cancelled as announced over the reflector.

Presentation #1:

“AC coupling and impedances in Tx/RX electrical test setups”, Adee Ran

See: http://www.ieee802.org/3/cd/public/adhoc/archive/ran_112717_3cd_adhoc.pdf

- Discussed the impact of DC coupling for AUI interfaces.
- On Slide 14, there was a suggestion to change the proposed text for the Figure title.
- Adee asked if there was agreement on the issue of DC coupling as specified in the presentation. There was general consensus of the problem and a need to fix it.
- On slide 15, discussed the characteristics of the DC block.
- Reviewed Figure 93C-2 and discussed the location of the AC coupling and the few different ways to denote it in the specification. Considered adding a statement to the body text that the input to TP5a to TP5 trace is AC coupled.

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

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

List of attendees (captured from Webex tool)

Name	Company
Kumaran Krishnasamy	broadcom
T.SAKAI	socionext
Jeffery Maki	juniper
Mark Kimber	semtech
Adee Ran	intel
Mark Nowell	cisco
Alexander Rysin	mellanox
Kent Lusted	intel
Gary Nicholl	cisco
Will bliss	broadcom
Ali Ghiasi	Huawei
Marco Mazzini	cisco
Peter Anslow	ciena
Piers Dawe	mellanox
martin white	cavium
Frank Chang	inphi
Howard Heck	intel
bill kirkland	semtech
Mike Dudek	cavium
Jeff Slavick	broadcom
Takeshi Nish	yeu
Stephen Didde	keysight
Pavel	Tektronix
Adam Healey	broadcom
Dave Lewis	lumentum
Raj Hegde	broadcom
Hai-Feng Liu	intel
Zvi Rechtman	mellanox
James Fife	etopus
Matt Brown	macom
Megha Shanbhag	te
Phil Sun	credosemi
Karen Liu	kaiam
TAO HU	cavium
Dave	marvell