

IEEE P802.3cd Ad Hoc meeting – May 10, 2017

Prepared by Kent Lusted

Proposed Agenda:

- Approval of the Agenda
- Approval of the April 26 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)
 - Draft 1.3 Editorial Update, Matt Brown (30 min)
 - “53GBaud links: updated receiver status (comment ID #46)”, Marco Mazzini (15 min)
 - “Clause 138 eye safety”, Jonathan King (15 min)
 - “Clause 138 TBC items”, Jonathan King (20 min)
 - “100GBASE-DR, ER vs MPI”, Jonathan King (10 min)
 - “Implementing improved extinction ratio limit”, Piers Dawe (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_051017_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. Matt Brown asked to have his agenda item at the start of the meeting. There was no objection to the change. The agenda was approved by the ad hoc.

Asked if there were comments regarding the posted minutes for the March 8 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:

- Meeting the week of May 21, 2017 in New Orleans, LA, USA. Meet on Monday and Tuesday.
- Presentation requests due on Friday 12 May. Presentation due Tuesday, 16 May 2017
- Draft 1.3 Task Force review completed. Comments posted to the website.
- Anticipate request to move to Working Group ballot during Working Group meeting at May interim.

Draft 1.3 Editorial Update, Matt Brown

See: http://www.ieee802.org/3/cd/public/adhoc/archive/brown_051017_3cd_adhoc.pdf

- No comments appear significant enough to delay working group ballot.

Mark Nowell announced that the updated comment reports were posted to the website.

Kent confirmed 15 minutes of presentation time (including Q&A) for Marco's presentation.

Presentation #1:

"53GBaud links: updated receiver status (comment ID #46)", Marco Mazzini (15 min)

See: http://www.ieee802.org/3/cd/public/adhoc/archive/mazzini_051017_3cd_adhoc.pdf

- Test results are from a PRBS20, not a SSPRQ pattern. No jitter was added to the pattern.
- Test results are from devices in various states of integration.
- No comments were made against draft 1.3 with respect to the presentation content.

Presentation #2:

"Clause 138 eye safety", Jonathan King (15 min)

See: http://www.ieee802.org/3/cd/public/adhoc/archive/king_051017_3cd_adhoc_01.pdf

- Discussed the need for a footnote denoting the laser safety hazard level. Clause 138.9.2 already has applicable text.

Presentation #3:

"Clause 138 TBC items", Jonathan King (20 min)

See: http://www.ieee802.org/3/cd/public/adhoc/archive/king_051017_3cd_adhoc_02.pdf

- Discussed removing the TBC text in Clause 138 with an editor's note.
- Matt Brown reviewed the meaning of the magenta text and the potential impact at Working Group ballot.

Presentation #4:

"100GBASE-DR, ER vs MPI", Jonathan King (10 min)

See: http://www.ieee802.org/3/cd/public/adhoc/archive/king_051017_3cd_adhoc_03.pdf

- Discussed the maximum channel insertion loss results in Table 140-12 on slide 2.

Presentation #5:

“Implementing improved extinction ratio limit”, Piers Dawe (20 min)

See: http://www.ieee802.org/3/cd/public/adhoc/archive/dawe_051017_3cd_adhoc.pdf

- Discussed the two options presented as well as the option of doing nothing.

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

The ad hoc meeting ended at ~9:55 a.m. Pacific.

List of attendees (captured from Webex tool)

Tom McDermott	us.fujitsu
Derek Cassidy	bt
Adee Ran	intel
Paul Kolesar	commscope
Mark Nowell	cisco
Jeff Slavick	broadcom
Tom McDermott	us.fujitsu
salvatore rotolo	st
Rick Rabinovich	ixiacom
Peter Anslow	ciena
Marco Mazzini	cisco
Peter Stassar	huawei
kent lusted	intel
Matt Brown	macom
jonathan king	finisar
martin white	cavium
Ali Ghiasi	Ghiasi Quantum
Matt Traverso	cisco
John Ewen	globalfoundries
Piers dawe	mellanox
Megha Shanbhag	te
Antonio Tartaglia	ericsson
Hai-Feng Liu	intel
David Malicoat	Senko
Yu Xu	huawei
RICHARD MELLITZ	samtec
TAO HU	cavium
Greg LeCheminant	keysight
Gianpiero Bognanni	sourcephotonics
Rita Horner	synopsys
Kenneth Jackson	sei-device
Amrik Bains	cisco
Phil Sun	credosemi
aanandakumar	maxlinear
David Chalupsky (Intel)	intel
Will Bliss	broadcom

Gary Nicholl	cisco
Raymond Nering	cisco