

IEEE P802.3cd Ad Hoc meeting – July 6, 2016

Prepared by Kent Lusted

Proposed Agenda:

- Approval of the Agenda
- Approval of the June 22 minutes
- IEEE patent policy reminder:
 - <http://www.ieee802.org/3/patent.html>
- P802.3cd Task Force Ad Hoc
 - Task Force Update, Mark Nowell
 - “RS(544,514) FEC performance including precoding”, Pete Anslow
 - “TX precoder for 802.3cd electrical links”, Raj Hegde

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

Meeting began at 8:04 a.m. Pacific by Kent Lusted.

Meeting began with the agenda presentation:

http://www.ieee802.org/3/cd/public/adhoc/archive/agenda_070616_3cd_01_adhoc.pdf

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

Kent Lusted presented the proposed agenda and asked if there was objection as written. No one responded. The agenda was approved by the ad hoc.

Kent asked if there was objection to approving the posted minutes for the June 22 ad hoc meeting. No one responded.

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

P802.3cd Agenda Items

Task Force Update, Mark Nowell:

- Next Task Force meeting is the July 2016 Plenary in San Diego. Meeting registration is open.
- The P802.3cd schedule is posted to the Plenary website.
- Presentation requests due July 15, 2016. Presentations are due July 19, 2016.
- Next P802.3cd ad hoc meeting is July 20, 2016.
- Chair encouraged participants to continue to build consensus on baseline proposals.

Presentation #1:

“RS(544,514) FEC performance including precoding”, Pete Anslow

See: http://www.ieee802.org/3/cd/public/adhoc/archive/anslow_070616_3cd_01_adhoc.pdf

- Author noted that slides with “red asterisk” in the top right corner indicates that the content is new.
- Author noted that the green curve on slide 12 aligns with the data in Raj Hegde’s presentation on precoder.
- The table results on slides 23-27 indicate BER, not DER. This data is specific to P802.3cd; see the P802.3bs version of the presentation for the data relevant to 400 Gbps.

Presentation #2:

“TX precoder for 802.3cd electrical links”, Raj Hegde

See: http://www.ieee802.org/3/cd/public/adhoc/archive/hegde_070616_3cd_01_adhoc.pdf

- Author noted that the presentation is updated version from the May 2016 interim meeting with the bit muxing case.
- The C2C segment with precoder enabled would not generate precoding on the optical link.
- The multi-link segment case on slide 6 has precoder only on the electrical segments.
- There is no intent to use the precoder for a chip-to-module interface.

The next ad hoc call will be on July 20, 2016.

The ad hoc meeting ended at 9:14 a.m. Pacific.

List of attendees (captured from Webex tool)

Adam Healey	broadcom
Adee Ran	intel
Adrian Butter	globalfoundries
Ali Ghiasi	Ghiasi LLC & Huawei
Andre Szczepanek	inphi
Arthur Marris (Cadence)	cadence
Arturo Pachon (TE)	te
Dan Dillow	fci
David Chalupsky (Intel)	intel
David Malicoat	hpe
David Piehler	dell
Derek Cassidy	n/a
Dino Pozzebon	microsemi
Don (CoMIRA Solutions)	comira-inc
Ed Ulrichs	sourcephotonics
Eric Baden (Broadcom)	broadcom
Erika	n/a
Fernando	marvell
Gary Nicholl	cisco
James Fife	etopus
Jane Lim	cisco
Jeff Slavick	broadcom
Jeffery Maki	juniper.net
John D	huawei
John Dillard	microsemi
John Ewen	globalfoundries
John Nelson	arista
Jordanna	n/a
Kapil Shrikhande	n/a
Kenneth Jackson	sei-device
kent lusted (intel)	intel
Kumaran Krishnasamy	broadcom
Mark Gustlin	xilinx
Mark Kimber (Semtech)	semtech

Mark Nowell	cisco
martin white	caviumnetworks
Matt Brown	apm
matt traverso	cisco
Mike Dudek	qlogic
Mike Li	altera
Oded Wertheim	mellanox
Dave Ofelt	juniper.net
Paul Mooney	spirent
Peter Anslow	ciena
Peter Stassar	huawei
Phil Sun	credosemi
Piers	mellanox
Qian Zhang	cisco
Qing Xu	belden
Raj Hegde	broadcom
Ray	cisco
Rick Pimpinella	panduit
Rick Rabinovich	ixiacom
Rob Stone	broadcom
Ryan Wong	broadcom
salvatore rotolo	st
scott sommers	molex
stefano valle	st
Steve Trowbridge	nokia
Ted Sprague	infinera
Tom Palkert	visi
Tongtong Wang	huawei
Vittal	dell
Wheling Cheng	ericsson
will bliss	broadcom
Yasuo Hidaka	us.fujitsu
yizhaoping	h3c
Zvi Rechtman	mellanox