

## IEEE P802.3cd Ad Hoc meeting – July 20, 2016

Prepared by Kent Lusted

### Proposed Agenda:

- Approval of the Agenda
- Approval of the July 6 minutes
- IEEE patent policy reminder:
  - <http://www.ieee802.org/3/patent.html>
- P802.3cd Task Force Ad Hoc
  - Task Force Update, Mark Nowell
  - “Continuing discussion on ‘Missing objectives’”, Peter Stassar
  - “50GbE and NG 100GbE Logic Baseline Proposal”, Gary Nicholl

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\\_01a\\_adhoc.pdf](http://www.ieee802.org/3/cd/public/adhoc/archive/agenda_070616_3cd_01a_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. Mark Gustlin noted that he would be presenting for Gary Nicholl. The agenda was approved by the ad hoc.

Kent asked if there was objection to approving the posted minutes for the July 6 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.
- The P802.3cd schedule is posted to the Plenary website. The Task Force begins on Tuesday morning.
- There are ~30 presentations for review and discussion at the Task Force.
- Chair encouraged participants to continue to build consensus on baseline proposals.

Peter Stassar was not immediately available. Kent Lusted asked if there was objection to changing the order of the Stassar and Nicholl/Gustlin contributions. No one responded.

### Presentation #1:

“50GbE and NG 100GbE Logic Baseline Proposal”, Mark Gustlin

See: [http://www.ieee802.org/3/cd/public/adhoc/archive/nicholl\\_072016\\_3cd\\_adhoc.pdf](http://www.ieee802.org/3/cd/public/adhoc/archive/nicholl_072016_3cd_adhoc.pdf)

- Discussed the difference in AUI rates for the PCS-to-PMA interface if the FEC is not used
- It was noted that the authors used the term “CAUI-4” to denote the no-FEC 100 Gb/s AUI interface and “100GAUI” to denote a 100 Gb/s AUI interface with RS(544) FEC. It will be necessary to discuss the nomenclature for these items in the Task Force meeting.
- Discussed the need for the mandatory PAM4 precoding on the RX. It was suggested to make it TBD for the baseline proposal.
- There was a request for more detail on the 50 GbE Alignment Marker mapping of amp\_tx 2 and amp\_tx\_3.

### Presentation #2:

“Continuing discussion on ‘Missing objectives’”, Peter Stassar

See: [http://www.ieee802.org/3/cd/public/adhoc/archive/stassar\\_072016\\_3cd\\_01\\_adhoc.pdf](http://www.ieee802.org/3/cd/public/adhoc/archive/stassar_072016_3cd_01_adhoc.pdf)

- There was discussion on the 2km 100 Gb/s objective wording as it relates to 2 lambda or 2 fiber implementations. Author clarified that the chart on slide 5 represents his desired solution for the objective.
- There was concern that the second bullet on slide 6 did not accurately represent the outcome of the motion associated with the 500m SMF. Author agreed to remove the bullet.
- Discussed if there was need for market justification supporting material for the proposal.

The next ad hoc call will be announced at the Plenary meeting.

\*\*\* reader test – free drink to the first person to let Mark know they read this \*\*\*

The ad hoc meeting ended at 9:11 a.m. Pacific.

List of attendees (captured from Webex tool)

Adrian Butter	globalfoundries
Alline Allinson	n/a
Amrik Bains	cisco
Arthur Marris	cadence
Arturo (TE)	te
Bianca	n/a
Brandon Chen	te
Chad Erven	semtech
Dale Murray - LightCounting	lightcounting
Dave Estes - Spirent	spirent
Dave Lewis	lumentum
David Malicoat	hpe
David Ofelt	juniper.net
David Piehler	dell
Derek Cassidy	n/a
Don (CoMIRA Solutions)	comira-inc
Ed Ulrichs	sourcephotronics
Fernando De Bernardinis (Mrvl)	marvell
gary nicholl	cisco
james	n/a
Jeffery Maki	juniper.net
Jing Fang	marvell
John D	n/a
John Dillard	microsemi
John Ewen	globalfoundries
John Nelson	arista
Justin Abbott	lumentum
Kenneth Jackson (Sumitomo)	sei-device
kent lusted (intel)	intel
Kumaran Krishnasamy	broadcom
Mark Gustlin	xilinx
Mark Nowell	cisco
martin white	caviumnetworks
Matt Brown	apm
matt traverso	cisco
Mike Dudek	qlogic
Mike Li	altera

Peter Anslow	ciena
peter stassar	huawei
Phil Sun	credosemi
Piers	mellanox
Qing Xu	belden
Raj Hegde	broadcom
Ray	cisco
Rich (Samtec)	samtec
Rick Pimpinella	panduit
Rick Rabinovich	ixiacom
Rita Horner	synopsys
Rob Stone	broadcom
salvatore rotolo	st
Sarah Katrine	cisco
Scott Irwin	mosys
Shijun Yang	lumentum
T.SAKAI	socionext
Tao	qlogic
Tom Issenhuth	microsoft
Tom Palkert	visi
Tongtong Wang	huawei
Vasu	broadcom
Venu B (Marvell)	marvell
Vipul Bhatt	finisar
Vittal	dell
Wheling Cheng	ericsson
yizhaoping	h3c