

## IEEE P802.3ck Ad Hoc meeting – April 10, 2019

Prepared by Kent Lusted

### Proposed Agenda:

- Approval of the Agenda
- Approve 27 March 2019 ad hoc minutes
- IEEE Patent Policy reminder:
  - <http://www.ieee802.org/3/patent.html>
- IEEE Participation Requirements reminder
- Logistics for March Plenary meeting
- Status of the Task Force
- .3ck Ad Hoc –
  - “Thoughts on CR Loss Budget”, Piers Dawe
  - “RS(544,514) FEC Performance for KR/CR 100G (updated)”, Pete Anslow
  - “100GE AUI Extender Sublayer”, Louis Lu

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

Meeting began at ~7:05 a.m. Pacific by Beth Kochuparambil.

Meeting began with the agenda presentation:

[http://www.ieee802.org/3/ck/public/adhoc/apr10\\_19/agenda\\_041019\\_3ck\\_adhoc.pdf](http://www.ieee802.org/3/ck/public/adhoc/apr10_19/agenda_041019_3ck_adhoc.pdf)

The ad hoc chair reminded participants to indicate full names and employer/affiliation correctly for the meeting minutes. Reminded participants to mute lines when not speaking and reviewed the steps to unmute.

Showed the links to the IEEE P802.3ck Task Force ad hoc page and the email reflector.

Presented the proposed agenda. There was no opposition. The agenda was approved by the ad hoc.

Chair noted that the March 27, 2019 minutes were posted, minor correction was made in attendance section. She asked if there were other corrections or modifications. No one responded. Minutes were approved by the Task Force.

Reminded participants of the IEEE patent policy. She 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. She asked if anyone was unfamiliar with the IEEE Participation Requirements. No one responded.

## Agenda Items

### **P802.3ck Update, Beth Kochuparambil**

See: [http://www.ieee802.org/3/ck/public/adhoc/apr10\\_19/agenda\\_041019\\_3ck\\_adhoc.pdf](http://www.ieee802.org/3/ck/public/adhoc/apr10_19/agenda_041019_3ck_adhoc.pdf)

- Next meeting is the week of May 20, 2019 in Salt Lake City, Utah, USA. The Task Force will meet Tuesday-Thursday.
- Request for presentations due Friday, May 10, 2019 AoE. Presentations due 5pm Pacific, Wednesday, May 15, 2019.
- Goal: adopt baselines and work towards draft 1.0

### **Presentation #1:**

“Thoughts on CR Loss Budget”, Piers Dawe

See: [http://www.ieee802.org/3/ck/public/adhoc/apr10\\_19/dawe\\_3ck\\_adhoc\\_01b\\_041019.pdf](http://www.ieee802.org/3/ck/public/adhoc/apr10_19/dawe_3ck_adhoc_01b_041019.pdf)

- Updated version ‘01a’ with additional supporters.
- Reviewed and discussed the list of options on slide 16.
- Discussed the PCB loss assumptions that could affect the host loss budget.
- Author noted another correction to add an asterisk to denote a change since march. Updated version ‘01b’

### **Presentation #2:**

“RS(544,514) FEC Performance for KR/CR 100G (updated)”, Pete Anslow

See: [http://www.ieee802.org/3/ck/public/adhoc/apr10\\_19/anslow\\_3ck\\_adhoc\\_01\\_041019.pdf](http://www.ieee802.org/3/ck/public/adhoc/apr10_19/anslow_3ck_adhoc_01_041019.pdf)

- Discussed the results from channel 78.
- Discussed that the COM results of channel 78 was under 3dB COM.
- Discussed the potential impact of floating taps.

### **Presentation #3:**

“100GE AUI Extender Sublayer”, Louis Lu

See: [http://www.ieee802.org/3/ck/public/adhoc/apr10\\_19/lu\\_3ck\\_adhoc\\_01\\_041019.pdf](http://www.ieee802.org/3/ck/public/adhoc/apr10_19/lu_3ck_adhoc_01_041019.pdf)

- No questions.

Chair noted that the next ad hoc is April 24.

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

List of attendees (captured from Webex tool)

Name	Affiliation	Employed by
Alex Bailes	Keysight	Keysight
Alex Haser	Molex	Molex
Alex Levin	Microsoft	Microsoft
Ali Ghiasi	Ghiasi Quantum	Ghiasi Quantum & Huawei
Arturo Pachon	Cisco	Cisco
Beth Kochuparambil	Cisco	Cisco
Bill Kirkland	Semtech	Semtech
Bo Zhang	Inphi	Inphi
Brandon Gore	Samtec	Samtec
Bruce Champion	TE Connectivity	TE Connectivity
Burrell Best	Samtec	Samtec
Champion Kao	Intel	Intel
Clint Walker	Alphawave IP	Alphawave IP
David Malicoat	Senko	Malicoat Networking Solutions
David Ofelt	Juniper	Juniper
David Piehler	Dell EMC	Dell EMC
David Rennie	Synopsys	Synopsys
Derek Wang	Cenec Networks	Cenec Networks
Erdem Matoglu	Amphenol	Amphenol

Gary Nicholl	Cisco	Cisco
Howard Heck	Intel	Intel
Hsinho Wu	Intel	Intel
Ilya Lyubumirshky	Inphi	Inphi
James Young	Commscope	Commscope
Jane Lim	Cisco	Cisco
Jeff Slavick	Broadcom	Broadcom
Jeffery Maki	Juniper	Juniper
Jeremy Stephens	Intel	Intel
Jialong (Tony) Shuai	Huawei	Huawei
jim nadolny	Samtec	Samtec
John Ewen	Globalfoundries	Globalfoundries
John Mitchell	Spectra7	Spectra7
Kapil Shrikhande	Innovium	Innovium
Ken Jackson	SEI-Device	SEI-Device
Kent Lusted	Intel	Intel
Kumaran Krishnasamy	Broadcom	Broadcom
Leesa Noujeim	Google	Google
Lokesh Kabra	Synopsys	Synopsys
Margaret	Cadence	Cadence
Marika Immonen	TTM	TTM
Mark Gustlin	Cisco	Cisco

Masashi Shimanouchi	Intel	Intel
Matt Brown	Macom	Macom
Matt Schumacher	TE	TE
Mau-Lin Wu	Mediatek	Mediatek
Mike Dudek	Cavium	Cavium
Mike Klempa	UNH-IOL	UNH-IOL
Ming ran	Huawei	Huawei
Nathan Tracy	TE Connectivity	TE Connectivity
Pete Anslow	Ciena	Ciena
Phil Sun	Credo	Credo
Piers Dawe	Mellanox	Mellanox
Pirooz Tooyserkani	Cisco	Cisco
Rajmohan Hegde	Broadcom	Broadcom
Raymond Nering	Cisco	Cisco
Rich Mellitz	Samtec	Samtec
Rick Rabinovich	Keysight	Keysight
Rita Horner	Synopsys	Synopsys
Sam Kocsis	Amphenol	Amphenol
Sara Zebian	Google	Google
Scott Sommers	Molex	Molex
Shawn Nicholl	Xilinx	Xilinx
Shimon Muller	Axalume	Axalume

Steve Baumgartner	Global Foundries	Global Foundries
Steve Sekel	Keysight	Keysight
Tao Hu	Marvell	Marvell
Tom Palkert	Molex/Macom	Molex/Macom
Wendy Wu	Cadence	Cadence
Xiang He	Huawei	Huawei
Yan Zhuang	Huawei	Huawei
Yasuo Hidaka	Credo	Credo
Yuchun(Louis) Lu	Huawei	Huawei
Zvi Rechtman	Mellanox	Mellanox