IEEE P802.3ck Ad Hoc meeting –
May 8, 2019

Prepared by Kent Lusted and Beth Kochuparambil

Proposed Agenda:

- Approval of the Agenda
- Approve 24 April 2019 ad hoc minutes
- IEEE Patent Policy reminder:
    - http://www.ieee802.org/3/patent.html
- IEEE Participation Requirements reminder
- Logistics for May Interim meeting
- Status of the Task Force
- .3ck Ad Hoc –
    - "System noise & receiver noise", Mau-Li Wu
    - "Use case and some of the options for C2C-S/L", Ali Ghiasi
    - "Solutions for Multi-Tap DFE Error Propagation (Summary)", Louis Lu
    - "100G-CR1/KR1 PCS, FEC and PMA Baseline Proposal", Yan Zhuang

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/may08_19/agenda_050819_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 April 24, 2019 minutes were posted. She asked if there were 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/may08_19/agenda_050819_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
- It was noted that the outline of topics is very rough and subject to change.

Presentation #1:
"System noise & receiver noise", Mau-Li Wu
See: http://www.ieee802.org/3/ck/public/adhoc/may08_19/wu_3ck_adhoc_01a_050819.pdf
- Updated version '01a' with clarified recommendation. No objection.
- Confirmation from Serdes side that these noises need to be included
- Discussion of impact on channels

Presentation #2:
"Use case and some of the options for C2C-S/L", Ali Ghiasi
See: http://www.ieee802.org/3/ck/public/adhoc/may08_19/ghiasi_3ck_adhoc_01_050819.pdf
- Discussion on use cases listed on slide 4
- Discussion of needs for baselines
- Questions on package assumptions

Presentation #3:
"Solutions for Multi-Tap DFE Error Propagation (Summary)", Louis Lu
See: http://www.ieee802.org/3/ck/public/adhoc/may08_19/lu_3ck_adhoc_01_050819.pdf
- Discussion on "PMA Remapping" performance being listed as OK

Presentation #4:
"100G-CR1/KR1 PCS, FEC and PMA Baseline Proposal", Louis Lu on behalf of Yan Zhuang
See: http://www.ieee802.org/3/ck/public/adhoc/may08_19/zhuang_3ck_adhoc_01_050819.pdf
- No questions/comments

The ad hoc meeting ended at ~8:45 a.m. Pacific.

List of attendees (captured from Webex tool)

Name	Affiliation	Employed by
Adam Healey	Broadcom	Broadcom
Alex Haser	Molex	Molex
Alex Levin	Microsoft	Microsoft
Ali Ghiasi	Ghiasi Quantum	Ghiasi Quantum & Huawei
Andy Zambell	Amphenol	Amphenol
Arthur Marris	Cadence	Cadence
Arturo Pachon	Cisco	Cisco
Bert Klaps	Intel	Intel
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
Cathy Huang	Huawei	Huawei
Chien-Ping 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
Dean Wallace	Marvell	Marvell
Ebrahim Abunasrah	Sprectra7	Sprectra7
Erdem Matoglu	Amphenol	Amphenol
Fernando DeBerardinis	eSilicon	eSilicon
Gary Nicholl	Cisco	Cisco
Geoff Zhang	Xilinx	Xilinx
Hsinho Wu	Intel	Intel
Ilya Lyubumirshky	Inphi	Inphi
Jane Lim	Cisco	Cisco
Jeff Slavick	Broadcom	Broadcom
Jeffery Maki	Juniper	Juniper
Jeremy Stephens	Intel	Intel
Jialong (Tony) Shuai	Huawei	Huawei
John Ewen	Globalfoundries	Globalfoundries
Kapil Shrikhande	Innovium	Innovium
Kent Lusted	Intel	Intel
Leo	Sprectra7	Sprectra7
Margaret	Cadence	Cadence
Mark Gustlin	Cisco	Cisco
Masashi Shimanouchi	Intel	Intel
Matt Brown	Macom	Macom
Matt Schumacher	TE	TE

Mau-Lin Wu	Mediatek	Mediatek
Mike Klempa	UNH-IOL	UNH-IOL
Nathan Tracy	TE Connectivity	TE Connectivity
Pete Anslow	Ciena	Ciena
Phil Sun	Credo	Credo
Piers Dawe	Mellanox	Mellanox
Pirooz Tooyserkani	Cisco	Cisco
Rich Mellitz	Samtec	Samtec
Rick Rabinovich	Keysight	Keysight
Rob Stone	Broadcom	Broadcom
Sam Kocsis	Amphenol	Amphenol
Scott Sommers	Molex	Molex
Shawn Nicholl	Xilinx	Xilinx
Shimon Muller	Axalume	Axalume
Tom Palkert	Molex/Macom	Molex/Macom
Upen Kareti	Cisco	Cisco
Xiang He	Huawei	Huawei
Yang Zhiwei	ZTE	ZTE
Yasuo Hidaka	Credo	Credo
Yuchun(Louis) Lu	Huawei	Huawei