IEEE P802.3ck Ad Hoc meeting –

January 2, 2019

Prepared by Kent Lusted

Proposed Agenda:

- Approval of the Agenda
- Approve 19 December ad hoc minutes
- IEEE Patent Policy reminder:
  - http://www.ieee802.org/3/patent.html
- IEEE Participation Requirements reminder
- Logistics for January Interim meeting
- .3ck Ad Hoc –
  - "Exploration on the worst case DFE weight of DFE error propagation effect" – Louis Lu
  - "Further study on RS(544,514) - symbol interleaving and bit muxing " - Xiang He

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/jan02_19/agenda_010219_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 and asked if there was objection as written. There was no objection. The agenda was approved by the ad hoc.

Asked if there were comments regarding the posted minutes for the December 19 ad hoc meeting. No one responded. The minutes were approved by the ad hoc.

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/jan02_19/agenda_010219_3ck_adhoc.pdf
- TF meets the week of January 14, 2019 in Long Beach, CA, USA. TF meets Tuesday afternoon thru end of Thursday.
- Notable dates: January 4th, 2019 (Fri) AOE - Presentation Requests due. January 9th (Wed) 5pm PST (error in deck) - Presentations due

Presentation #1:
"Exploration on the worst case DFE weight of DFE error propagation effect" – Louis Lu
See: http://www.ieee802.org/3/ck/public/adhoc/jan02_19/lu_3ck_adhoc_01_010219.pdf
- Reviewed the differences between the data on slide 12 vs. 13. The difference is due to b1(max) values.
- There was a recommendation to develop a set of DFE tap weight rules and apply them to the submitted channels.
- Discussed the need to clarify the proposal with the specific changes requested.
- An update '01a' was requested to include a key of the channels used on slides 12&13

Presentation #2:
"Further study on RS(544,514) - symbol interleaving and bit muxing " - Xiang He
See: http://www.ieee802.org/3/ck/public/adhoc/jan02_19/he_3ck_adhoc_01a_010219.pdf
- Updated version '01a' with editorial changes. No one objected.
- On slide 5, the ICN amount is manipulated directly in simulation. All 8 aggressors were used for the ICN manipulation.
- On slide 5 and 9, opinions stated that analysis needs to be extended to look at the post-FEC BER.
- It was noted that the analysis used smaller tap weights than what has been shown by other participants. The analysis intends to show that burst errors can come from ICN.

There are no ad hoc meetings scheduled before the January interim meeting. Chair noted that presentation requests are due Friday, 4 January AOE.

The ad hoc meeting ended at ~8:30 a.m. Pacific.

List of attendees (captured from Webex tool)

Name	Affiliation	Employed by
Adam Healey	Broadcom	Broadcom
Adee Ran	Intel	Intel
Adrian Butter	Global Foundries	Global Foundries
Ali Ghiasi	GhiasiQuantum LLC	GhiasiQuantum LLC
Arthur Marris	Cadence	Cadence
Arturo Pachon	TE Connectivity	TE Connectivity
Beth Kochuparambil	Cisco	Cisco
Bill Kirkland	Semtech	Semtech
Biman Chattopadhyay	Synopsys	Synopsys
Brandon Gore	Samtec	Samtec
Brian Holden	Kandou	Kandou
David Law	HPE	HPE
David Malicoat	Senko	Malicoat Networking Solutions
David Rennie	Synopsys	Synopsys
Dean Wallace	Marvell	Marvell
Frank Lambrecht	Gigamon	Gigamon
Gary Nicholl	Cisco	Cisco
Geoff Zhang	Xilinx	Xilinx
Howard Heck	Intel	Intel

Hsinho Wu	Intel	Intel
Jane Lim	Cisco	Cisco
Jayen Desai	Intel	Intel
Jeffery Maki	Juniper	Juniper
Jeremy Stephens	Intel	Intel
John D'Ambrosia	FutureWei (Subsidiary of Huawei)	FutureWei (Subsidiary of Huawei)
John Ewen	Globalfoundries	Globalfoundries
Kent Lusted	Intel	Intel
Mark Gustlin	Xilinx	Xilinx
Mark Kimber	Samtech	Samtech
Masashi Shimanouchi	Intel	Intel
Matt Brown	Macom	Macom
Mau-Lin Wu	Mediatek	Mediatek
Mike Dudek	Cavium	Cavium
Mike Li	Intel	Intel
Nathan Tracy	TE Connectivity	TE Connectivity
Pete Anslow	Ciena	Ciena
Phil Sun	Credo	Credo
Phong Pham	US Conec	US Conec
Piers Dawe	Mellanox	Mellanox
Pirooz Tooyserkani	Cisco	Cisco
Rich Mellitz	Samtec	Samtec

Rick Rabinovich	Keysight	IXIA
Rita Horner	Synopsys	Synopsys
Rob Stone	Broadcom	Broadcom
Sam Kocsis	Amphenol	Amphenol
Scott Irwin	Mosys	Mosys
Shawn Nicholl	Xilinx	Xilinx
Shimon Muller	Axalume	Axalume
Steve Baumgartner	Global Foundries	Global Foundries
Steve Sekel	Keysight	Keysight
Steve Trowbridge	Nokia	Nokia
Tom Mitcheltree	US Conec	US Conec
Tom Palkert	Molex/Macom	Molex/Macom
Upen Kareti	Cisco	Cisco
Vittal Balasubramanian	Innovium	Innovium
Xiang He	Huawei	Huawei
Xinyuan Wang	Huawei	Huawei
Yan Zhuang	Huawei	Huawei
Yang Zhiwei	ZTE	ZTE
Yasuo Hidaka	Credo	Credo
Yuchun(Louis) Lu	Huawei	Huawei
Zhilei Huang	Huawei	Huawei
Zvi Rechtman	Mellanox	Mellanox