IEEE P802.3ck Ad Hoc meeting –
April 6, 2022

Prepared by Kent Lusted and Beth Kochuparambil

Proposed Agenda:

- Approval of the Agenda
- Approval of March 30 minutes –
- IEEE Participation Requirements reminder (see below for link)
- IEEE Copyright reminder (see below for link)
- IEEE Patent Policy reminder (see below for links)
- Task Force Status
- Chief Editor's Report
- Technical Presentations
    - Residual ISI Specification, Alex Rysin
    - Residual Intersymbol Interference, Adam Healey
    - Loss from TP0 to TP2, Piers Dawe

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

Meeting began at ~07:00 a.m. Pacific by Beth Kochuparambil. (All times recorded are Pacific timezone, unless otherwise stated.)

Meeting began with the agenda presentation:
https://www.ieee802.org/3/ck/public/adhoc/apr06_22/agenda_040622_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.   She also indicated that attendance was to be taken via webex participant's list for the purpose of the minutes.

Presented the proposed agenda. Chair asked if there was modification or opposition to the agenda. No one responded. The agenda was approved.

Chair noted that she received an additional presentation from Piers Dawe that was available on the Task Force website for the April 2022 meeting series. See
https://www.ieee802.org/3/ck/public/22_04/index.html

The minutes for the 30 March 2022 meeting were posted to the website. (see: https://www.ieee802.org/3/ck/public/adhoc/mar30_22/minutes_033022_3ck_adhoc.pdf) Chair asked if there were modifications or corrections to the posted minutes. No one responded. Minutes were approved.

Chair reviewed the slide with the Participation requirements.

Chair asked if anyone participating had not read the copyright slide set – no one responded. Chair showed the IEEE-SA copyright slides.

Chair asked if anyone participating had not read the patent slide set – no one responded. Chair showed the patent policy slides and made a call for Potentially Essential Patents – no one responded.

Chair reviewed the ground rules.

Chair called for members of the press. No one responded.

Agenda Items

P802.3ck Status, Beth Kochuparambil
See: https://www.ieee802.org/3/ck/public/adhoc/apr06_22/agenda_040622_3ck_adhoc.pdf
- First recirculation SA ballot closed on 29 March 2022. Received 60 comments from 9 commenters. Ballot met the required response metrics.
- Proposed responses to the comments were posted on the website. See: https://www.ieee802.org/3/ck/comments/index.html
- Chair noted that the editorial team prepared a set of proposed responses to comments deemed non-controversial in "bucket1" (see: https://www.ieee802.org/3/ck/comments/draft3p1/8023ck_D3p1_comments_proposed_bucket1.pdf). Deadline was set to Sunday, 10 April, 2022 AOE. She would be seeking approval at the Tuesday, 12 April meeting.   See the announcement at https://www.ieee802.org/3/100GEL/email/msg00929.html
- Comment resolution was scheduled as 7 meetings and can end as soon as all on-time comments are addressed. It was noted that the number of meetings may be reduced. (see https://www.ieee802.org/3/100GEL/email/msg00922.html)
- Chair noted that late presentations should have multiple supporters or collaborators, for the purpose of showing offline consensus.

Chief Editor's Report, Matt Brown
See: https://www.ieee802.org/3/ck/public/22_04/editorsrep_3ck_01a_0422.pdf

- Matt thanked the editors and advisors for their work to prepare the draft and the proposed responses.
- Updated version '01a' with editorial corrections.

Preliminary Comment Agenda, Matt Brown
See: https://www.ieee802.org/3/ck/public/22_04/comagenda_3ck_01_0422.pdf

Presentation #1:
"Residual ISI Specification ", Alex Rysin
See: https://www.ieee802.org/3/ck/public/22_04/rysin_3ck_01_0422.pdf
- Discussed the proposed change on slide 8.

Presentation #2:
"Residual intersymbol interference ", Adam Healey
See: https://www.ieee802.org/3/ck/public/22_04/healey_3ck_01_0422.pdf
- During the presentation, the author showed slide 9 of https://www.ieee802.org/3/ck/public/21_07/dudek_3ck_01_0721.pdf#page=9
- Reviewed the SNR_ISI results shown on slide 7.
- Discussed the proposed changes on slides 6 and 11.

Straw Poll 1:
I support the direction of:
a. updating the ISI_RES method and parameters similar to slide 8 of rysin_3ck_01_0422
b. replace with SNR_ISI with appropriate exceptions similar to slide 6 and 11 of healey_3ck_01_0422
c. leave it as it is
d. need more information
(chicago rules)
Results: A: 8 , B: 24 , C: 1 , D: 4

Straw Poll 2:
I support the direction of:
a. updating the ISI_RES method and parameters similar to slide 8 of rysin_3ck_01_0422
b. replace with SNR_ISI with appropriate exceptions similar to slide 6 and 11 of healey_3ck_01_0422
c. leave it as it is
d. need more information
(choose one)
Results: A: 4 , B: 16 , C: 0 , D: 4

Chair noted that the intent of Straw Polls #1 and #2 was a direction straw poll to gather information on the methodology direction to take.

Presentation #3:
"Loss from TP0 to TP2 ", Piers Dawe
See: https://www.ieee802.org/3/ck/public/22_04/dawe_3ck_02a_0422.pdf
- Updated version '02a' with 2 new slides. Chair asked if there was an objection. No one responded.
- Discussed the proposed changes outlined in the contribution.

Chair thanked participants for joining the ad hoc call.

Chair noted that the proposed responses and "bucket1" were posted to the Task Force website. Deadline to request pulling comments from "bucket1" was set to Sunday, 10 April, 2022 AOE.

Chair noted that the April 2022 meeting series website was available. See: https://www.ieee802.org/3/ck/public/22_04/index.html

Chair noted that the first comment resolution meeting was scheduled for 12 April, 2022. See details on IEEE 802.3 call and meeting calendar (https://www.ieee802.org/3/calendar.html) .

Meeting ended at ~9:00 a.m. Pacific.

List of attendees (captured from Webex tool)

Name	Affiliation	Employed by
Adam Healey	Broadcom	Broadcom
Adee Ran	Cisco	Cisco
Alex Haser	Molex	Molex
Alexander Rysin	NVIDIA	NVIDIA
Ali Ghiasi	Ghiasi Quantum/Inphi	Ghiasi Quantum/Inphi
Arthur Marris	Cadence	Cadence
Beth Kochuparambil	Cisco	Cisco
Bob Grow	RMG Consulting	RMG Consulting
Brandon Gore	Samtec	Samtec
David Malicoat	Senko	Independent
Ed Frlan	Semtech	Semtech
Eugene Opsasnick	Broadcom	Broadcom
Hessam Mohajeri	Independent	Independent
Howard Heck	Intel	Intel
Jeff Slavick	Broadcom	Broadcom
Jeffery Maki	Juniper	Juniper
Jinhua Chen	Luxshare ICT	Luxshare ICT
John Calvin	Keysight	Keysight
John Ewen	Marvell	Marvell
Joshua Kim	Hirose	Hirose
Karl Bois	NVIDIA	NVIDIA

Kent Lusted	Intel	Intel
Kumaran Krishnasamy	Broadcom	Broadcom
Liav Ben-Artsi	Marvell	Marvell
Mark Kimber	Semtech	Semtech
Matt Brown	Huawei	Huawei
Mau-Lin Wu	Mediatek	Mediatek
Mike Davis	Sicoya	Sicoya
Mike Dudek	Marvell	Marvell
Mike Klempa	Amphenol	Amphenol
Nathan Tracy	TE Connectivity	TE Connectivity
Pavel Zivny	Tektronix	Tektronix
Phil Sun	Credo	Credo
Piers Dawe	NVIDIA	NVIDIA
Pirooz Tooyserkani	Cisco	Cisco
Raymond Nering	Cisco	Cisco
Rich Mellitz	Samtec	Samtec
Rick Rabinovich	Keysight	Keysight
Scott Sommers	Molex	Molex
Stephen Didde	Keysight	Keysight
Tobey PR Li	Mediatek	Mediatek
Tom Palkert	Macom/Samtec	Macom/Samtec
Toshiaki Sakai	Socionext	Socionext
Yasuo Hidaka	Credo	Credo