

## IEEE P802.3ck Ad Hoc meeting – September 8, 2021

Prepared by Kent Lusted

### Proposed Agenda:

- Approval of the Agenda
- Approval of comment resolution minutes (edited with emailed editorial suggestions):  
[https://www.ieee802.org/3/ck/public/21\\_07/minutes\\_3ck\\_0721a.pdf](https://www.ieee802.org/3/ck/public/21_07/minutes_3ck_0721a.pdf)
- IEEE Patent Policy reminder (see below for links)
- IEEE Copyright reminder (see below for link)
- IEEE Participation Requirements reminder (see below for link)
- Task Force Status
- Proposed Liaisons
- Technical Presentation
  - C2M Redux, Rich Mellitz

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

Meeting began at ~07:05 a.m. Pacific by Beth Kochuparambil.

Meeting began with the agenda presentation:

[https://www.ieee802.org/3/ck/public/adhoc/sept08\\_21/agenda\\_090821\\_3ck\\_adhoc.pdf](https://www.ieee802.org/3/ck/public/adhoc/sept08_21/agenda_090821_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 by the ad hoc.

The minutes for the July/D2.1 comment resolution set of meetings were posted to the website. Chair noted there were corrections or modifications. Chair provided an overview of the changes. (see [https://www.ieee802.org/3/ck/public/21\\_07/minutes\\_3ck\\_0721a.pdf](https://www.ieee802.org/3/ck/public/21_07/minutes_3ck_0721a.pdf)) 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 did the 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 Update, Beth Kochuparambil**

See: [https://www.ieee802.org/3/ck/public/adhoc/sept08\\_21/agenda\\_090821\\_3ck\\_adhoc.pdf](https://www.ieee802.org/3/ck/public/adhoc/sept08_21/agenda_090821_3ck_adhoc.pdf)

- Draft 2.2 Working Group ballot recirculation closes on Friday, 17 September 2021. (see: <https://www.ieee802.org/3/100GEL/email/msg00786.html> ) Chair noted that slide #14 had the wrong date.
- Reminded participants to focus on changed areas and help progress the draft to SA ballot.
- Ad hoc scheduled for 15 September was cancelled.
- Chair would send calendar invites for the next comment resolution series in the near future.

Chair noted that a liaison from the OIF was received with information on the progress on OIF CEI-112G-VSR, CEI-112G-MR and CEI-112G-LR projects. It was assigned to the IEEE P802.3ck Task Force for consideration. (see: [https://www.ieee802.org/3/minutes/sep21/incoming/OIF\\_liaison\\_IEEE802.3\\_CEI\\_Updates\\_20Aug21\\_Redacted.pdf](https://www.ieee802.org/3/minutes/sep21/incoming/OIF_liaison_IEEE802.3_CEI_Updates_20Aug21_Redacted.pdf) and [https://www.ieee802.org/3/private/liaison\\_docs/OIF/OIF\\_liaison\\_cover\\_CEI\\_Updates\\_20Aug21.pdf](https://www.ieee802.org/3/private/liaison_docs/OIF/OIF_liaison_cover_CEI_Updates_20Aug21.pdf) )

Chair noted that she prepared liaison responses for Draft 2.2 (currently available) to OIF, COBO and T11.2 as well as liaison responses for Draft 2.3 (next draft). The proposed Draft 2.3 liaison responses were needed due to the expected timing of Draft 2.3 and the IEEE 802.3 Working Group meeting cycle.

Chair reviewed the proposed liaison response to OIF related to Draft 2.2. (see: [https://www.ieee802.org/3/ck/public/adhoc/sept08\\_21/IEEE\\_802d3\\_to\\_OIF\\_CEI\\_0921\\_draft1.pdf](https://www.ieee802.org/3/ck/public/adhoc/sept08_21/IEEE_802d3_to_OIF_CEI_0921_draft1.pdf) ) She noted that this response sends the existing Draft 2.2 No one responded. Reviewed second liaison to OIF related to Draft 2.3. (see: [https://www.ieee802.org/3/ck/public/adhoc/sept08\\_21/IEEE\\_802d3\\_to\\_OIF\\_CEI\\_0921a\\_draft1.pdf](https://www.ieee802.org/3/ck/public/adhoc/sept08_21/IEEE_802d3_to_OIF_CEI_0921a_draft1.pdf) ) She noted that this response sends the existing Draft 2.3 when it becomes available. No one responded.

Chair reviewed the proposed liaison to COBO related to Draft 2.2. (see: [https://www.ieee802.org/3/ck/public/adhoc/sept08\\_21/IEEE\\_802d3\\_to\\_COBO\\_0921\\_draft1.pdf](https://www.ieee802.org/3/ck/public/adhoc/sept08_21/IEEE_802d3_to_COBO_0921_draft1.pdf) ) She noted that this response sends the existing Draft 2.2 No one responded.

Reviewed second liaison to COBO related to Draft 2.3. (see: [https://www.ieee802.org/3/ck/public/adhoc/sept08\\_21/IEEE\\_802d3\\_to\\_COBO\\_0921a\\_draft1.pdf](https://www.ieee802.org/3/ck/public/adhoc/sept08_21/IEEE_802d3_to_COBO_0921a_draft1.pdf) ) She noted that this response sends the existing Draft 2.3 when it becomes available. No one responded.

Chair reviewed the proposed liaison to T11.2 related to Draft 2.2. (see: [https://www.ieee802.org/3/ck/public/adhoc/sept08\\_21/IEEE\\_802d3\\_to\\_T11-2\\_0921\\_draft1.pdf](https://www.ieee802.org/3/ck/public/adhoc/sept08_21/IEEE_802d3_to_T11-2_0921_draft1.pdf) ) She noted that this response sends the existing Draft 2.2 No one responded.

Reviewed second liaison to COBO related to Draft 2.3. (see: [https://www.ieee802.org/3/ck/public/adhoc/sept08\\_21/IEEE\\_802d3\\_to\\_T11-2\\_0921a\\_draft1.pdf](https://www.ieee802.org/3/ck/public/adhoc/sept08_21/IEEE_802d3_to_T11-2_0921a_draft1.pdf) ) She noted that this response sends the existing Draft 2.3 when it becomes available. No one responded.

Chair noted that she would bring these liaison drafts for consideration by the IEEE 802.3 Working Group at the September 2021 interim meeting.

#### **Presentation #1:**

“C2M Redux”, Rich Mellitz

See: [https://www.ieee802.org/3/ck/public/adhoc/sept08\\_21/mellitz\\_3ck\\_adhoc\\_01\\_090821.pdf](https://www.ieee802.org/3/ck/public/adhoc/sept08_21/mellitz_3ck_adhoc_01_090821.pdf)

- Reviewed the plots on slide 9.
- Discussed the impact of skew and amplitude mismatch on the results.

Chair reminded participants that the Draft 2.2 ballot closes on Friday, 17 September AoE.

Chair noted that presentations for the September interim meetings and Draft 2.2 comment resolution are due on Friday, 17 September as well.

Chair noted that the next ad hoc was scheduled for 22 September and renamed to an interim session, however intention remained as presentations and discussion. See IEEE 802.3 call and meeting calendar at <https://www.ieee802.org/3/calendar.html>

The ad hoc meeting ended at ~8:15 am Pacific.

List of attendees (captured from Webex tool)

Name	Affiliation	Employed by
Adam Healey	Broadcom	Broadcom
Adee Ran	Cisco	Cisco
Alex Haser	Molex	Molex
Ali Ghiasi	Ghiasi Quantum/Inphi	Ghiasi Quantum/Inphi
Ayal Shoval	Synopsys	Synopsys
Beth Kochuparambil	Cisco	Cisco
Bruce Champion	TE Connectivity	TE Connectivity
Burrell Best	Samtec	Samtec
Champion (Chien Ping) Kao	Cornelis Networks	Cornelis Networks
Curtis Donahue	Rohde & Schwarz	Rohde & Schwarz
David Malicoat	Senko	Independent
Enis Akbaba	Maxim Integrated	Maxim Integrated
Eugene Opsasnick	Broadcom	Broadcom
Frank Chang	Source Photonics	Source Photonics
Geoff Zhang	Xilinx	Xilinx
Hessam Mohajeri	Cadence	Cadence
Howard Heck	Intel	Intel
Inho Kim	Max Linear	Max Linear
Istvan BakroNagy	EFFECT Photonics	EFFECT Photonics
James Weaver	Arista	Arista
Jane Lim	Cisco	Cisco

Jeff Slavick	Broadcom	Broadcom
Jinhua Chen	Luxshare ICT	Luxshare ICT
John Calvin	Keysight	Keysight
John Ewen	Marvell	Marvell
John Yurtin	Aptiv	Aptiv
Joshua Kim	Hirose	Hirose
Karen Liu	Nubis Communications	Nubis Communications
Kent Lusted	Intel	Intel
Kumaran Krishnasamy	Broadcom	Broadcom
Lu-Vong Phan	ZT Systems	ZT Systems
Malia Zaman IEEE SA	IEEE	IEEE
Marc Cartier	Amphenol	Amphenol
Mark Kimber	Semtech	Semtech
Matt Brown	Huawei	Huawei
Mau-Lin Wu	Mediatek	Mediatek
Mike Dudek	Marvell	Marvell
Nathan Tracy	TE Connectivity	TE Connectivity
Patrick Casher	Foxconn Interconnect	Foxconn Interconnect
Patrick Cui	Source Photonics	Source Photonics
Pavel Zivny	Tektronix	Tektronix
Phil Sun	Credo	Credo
Piers Dawe	NVIDIA	NVIDIA
Rajmohan Hegde	Broadcom	Broadcom
Ramesh Sivakolundu	Cisco	Cisco

Rich Mellitz	Samtec	Samtec
Rick Rabinovich	Keysight	Keysight
Sam Kocsis	Amphenol	Amphenol
Scott Sommers	Molex	Molex
SJ Yu	Foxconn Interconnect	Foxconn Interconnect
Stephen Didde	Keysight	Keysight
Tao Hu	Marvell	Marvell
Tobey PR Li	Mediatek	Mediatek
Tom Palkert	Macom/Samtec	Macom/Samtec
Toshiaki Sakai	Socionext	Socionext
Yasuo Hidaka	Credo	Credo