

IEEE P802.3ck Ad Hoc meeting – December 18, 2019

Prepared by Beth Kochuparambil and Kent Lusted

Proposed Agenda:

- Approval of the Agenda
- Approve December 4 2019 Ad Hoc Minutes
- IEEE Patent Policy reminder:
 - <http://www.ieee802.org/3/patent.html>
- IEEE Copyright reminder
 - <https://standards.ieee.org/ipr/index.html>
- IEEE Participation Requirements reminder
- Task Force Status
- .3ck Technical Presentations* –
 - “100GBASE-KR1/CR1 AN Direction” – Mark Gustlin, Jeff Slavick
 - “Clause 161 AM Lock Issue” – Jeff Slavick
 - “C2M Measurement Methodology” – Ali Ghiasi

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

Meeting began at ~07:05 a.m. Pacific by Kent Lusted.

Meeting began with the agenda presentation:

http://www.ieee802.org/3/ck/public/adhoc/dec18_19/agenda_121819_3ck_adhoc.pdf

Chair Beth Kochuparambil has returned from her leave. Beth noted that Kent will remain the lead through the January meeting. Please include both Vice-chair and Chair in your communications with leadership as she ramps back into her role.

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.

Presented the proposed agenda. Ad Hoc Chair reiterated meeting adjustment to 90 minutes. No one responded. The agenda was approved by the ad hoc.

The ad hoc chair noted that the December 4, 2019 minutes were posted. He asked if there were corrections or modifications. No one responded. Minutes were approved by the Task Force.

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

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

Agenda Items

P802.3ck Update, Kent Lusted

See: http://www.ieee802.org/3/ck/public/adhoc/dec18_19/agenda_121819_3ck_adhoc.pdf

- Great progress by the task force! We are on track with our timeline.
- Chair highlighted the release of Draft 1.0 for Task Force review.
 - THANK YOU to editorial team for their hard work and fervent efforts!
 - Draft is posted in the private area. Contact Chair or Vice-Chair for username/password
 - Review is currently open; review closes Friday January 3, 2020 AOE
- Task Force will meet week of January 20, 2020 in Geneva, Switzerland
 - Chair noted that .3ck is scheduled for Tuesday, Wednesday (possibly late), and Thursday.
 - **Requests for presentations due: Thursday, January 9, 2020 AOE**
 - **Presentations due: Friday, January 10, 2020 AOE**
 - The Task Force will be focused on comment resolution of Draft 1.0 and hearing presentations on open items that exist in the draft
- Matt, Chief Editor, pointed out that editorial team used their license to fill in some gaps between the baselines in order to make as complete a document as possible. Comment if you disagree with their choices.

Presentation #1:

“100GBASE-KR1/CR1 AN Direction,” Mark Gustlin

See: http://www.ieee802.org/3/ck/public/adhoc/dec18_19/gustlin_3ck_adhoc_01_121819.pdf

- Clarifying questions on the various options presented.
- Discussed asymmetric operation of option D

Presentation #2:

“Clause 161 AM Lock Issue,” Jeff Slavick

See: http://www.ieee802.org/3/ck/public/adhoc/dec18_19/slavick_3ck_adhoc_121819.pdf

- Presenter intends to submit a comment against the draft on this topic
- Discussion of the problem statement
- There was a request to add the background details on the problem that the proposed solution is addressing.

Presentation #3:

“C2M Measurement Methodology,” Ali Ghiasi

See: http://www.ieee802.org/3/ck/public/adhoc/dec18_19/ghiasi_3ck_adhoc_121819.pdf

- Discussion of measurement vs model and analysis vs qualification

- Discussion of module and package assumptions. Package assumptions can be found in the COM spreadsheet within the presentation.
- Questions around TX FIR and noise in methodology

The ad hoc meeting ended at ~8:35 am Pacific.

List of attendees (captured from Webex tool)

| Name | Company |
|-------------------------------------|------------------------|
| Adam Healey | broadcom |
| Adee Ran | intel |
| Alan Kinningham | ipex |
| Alex Haser (Molex) | molex |
| Ali Ghiasi | Ghiasi Quantum / Inphi |
| Ara Nazarian | rockleyphotonics |
| Arthur Marris | cadence |
| Athos Kasapi | cadence |
| Bert Klaps | intel |
| Bill Kirkland | semtech |
| Bruce Champion (TE) | te |
| Burrell Best (Samtec) | samtec |
| Champion Kao | intel |
| Clint | awaveip |
| Daniel Koehler | morethanip |
| david malicoat | senko |
| David Ofelt | juniper |
| David Rennie | synopsys |
| Elizabeth Kochuparambil | cisco |
| Erdem Matoglu - Amphenol (Guest) | amphenol |

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|----------------------------|----------------|
| Gary Nicholl | cisco |
| Greg LeCheminant | keysight |
| Greg McSorley(Amphenol) | amphenol |
| Howard Heck | intel |
| James Weaver | arista |
| John D'Ambrosia | futurewei |
| Jeff Slavick | broadcom |
| John Calvin (Keysight) | keysight |
| John Ewen (Guest) | averasemi |
| John Yurtin APTIV | aptiv |
| Karen Liu | lightwavelogic |
| Kent Lusted | intel |
| liav Ben Artsi | marvell |
| Marika Immonen (Guest) | ttn |
| Mark Gustlin | cisco |
| Matt Brown | huawei |
| Matt Schumacher (TE) | te |
| Mau-Lin Wu | mediatek |
| Mike Dudek | marvell |
| Nathan Tracy | te |
| Nish. Takeshi (Guest) | yeu |
| Phil Sun | credosemi |

| | |
|------------------------|-----------------|
| Piers Dawe | Mellanox |
| Rich | samtec |
| Rick Rabinovich | keysight |
| Robert Summers | maximintegrated |
| Sam Kocsis (Amphenol) | amphenol |
| Scott Irwin | mosys |
| Scott Sommers (Guest) | molex |
| Shawn Nicholl (Xilinx) | xilinx |
| Shimon | n/a |
| Steve Sekel (Keysight) | keysight |
| Wendy Wu | cadence |
| Will | wilder |
| Xiang He | huawei |
| Yan Zhuang | huawei |
| Yasuo Hidaka | credosemi |
| Zhiwei Yang | zte |
| Zvi Rechtman | mellanox |