IEEE P802.3ck Ad Hoc meeting –
October 2, 2019

Prepared by Shawn Nicholl

Proposed Agenda:

- Approval of the Agenda
- Approve 28 August 2019 ad hoc minutes
- IEEE Patent Policy reminder:
  - http://www.ieee802.org/3/patent.html
- IEEE Participation Requirements reminder
- Task Force Update
- .3ck Ad Hoc –
  - "100GBASE-CR1 Performance" Mark Gustlin
  - "COM 2.75 Update", Rich Mellitz
  - "CR Baseline Proposal Considerations at Compliance Points", Chris Diminico
  - "ERL KR Device Update", Rich Mellitz

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

Meeting began at ~07:00 a.m. Pacific by Kent Lusted.

Meeting began with the agenda presentation:
http://www.ieee802.org/3/ck/public/adhoc/oct02_19/agenda_100219_3ck_adhoc_v2.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.

Chair informed the participants of a late presentation from Rich Mellitz and asked if there was an opposition to hearing the presentation. No one responded.

Presented the proposed agenda. No one responded. The agenda was approved by the ad hoc.

The ad hoc chair noted that the August 28, 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 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/oct02_19/agenda_100219_3ck_adhoc_v2.pdf

- Chair summarized the most pressing action items and reviewed the project timeline
- Chair indicated that the Task Force will meet week of November 11, 2019 in Waikaloa Village, HI USA. P802.3ck is tentatively meeting Monday through Wednesday.
- Presentation requests are due Friday, November 1, 2019 AOE
- Presentations are due 5:00pm PDT, November 5, 2019
- Chair noted that he would be prioritizing presentations in November focused on the three highlighted areas
- Chair reviewed the adopted baseline summary as of the September meeting
    - It was noted that the baseline web page summary does not include the page numbers that were adopted as part of the baselines; see the relevant meeting minutes for the details associated with the motion adopting the baseline
- Reminder that Draft 0.3 was available in the private area
    - Please contact the Chair if you need the password to the private area

Presentation #1:
"100GBASE-CR1 FEC Performance", Mark Gustlin
See: http://www.ieee802.org/3/ck/public/adhoc/oct02_19/gustlin_3ck_adhoc_100219.pdf

- There were some questions about the channel details. The presenter noted that individuals can reach out to Jane Lim if there are specific questions.
- Presenter asked the Task Force for more COM analysis of CR channels
- Presenter asked for the help of participants to run FEC simulations moving forward as Pete Anslow has retired.

Presentation #2:
"COM 2.75 Update", Rich Mellitz
See: http://www.ieee802.org/3/ck/public/adhoc/oct02_19/mellitz_3ck_adhoc_01_100219.pdf

- Slide 15: CA means Cable Assembly
- Two spreadsheets are included in the COM zip file, which is posted in the Tools and Channel section of the Task Force webpage. See: http://www.ieee802.org/3/ck/public/tools/index.html

Presentation #3:
"CR Baseline Proposal Considerations at Compliance Points", Chris DiMinico
See: http://www.ieee802.org/3/ck/public/adhoc/oct02_19/diminico_3ck_adhoc_100219.pdf

- Chair noted that this presentation has slight changes compared to the late presentation request from the September meeting
- Slide 7: There was a question about the a,b,c,d,e listed on this slide. Presenter noted to refer to see mellitz_3ck_01a_0919.pdf and/or talk to Rich Mellitz.
- Slide 6: Clarified the details on the loss in the figure

- Slide 19: Discussion about TBD in the table for Minimum ERL and discussion about Maximum/Minimum insertion loss

Presentation #4:
"ERL KR Device Update", Rich Mellitz
See: http://www.ieee802.org/3/ck/public/adhoc/oct02_19/mellitz_3ck_adhoc_02_100219.pdf

- There was discussion about whether similar work could be done for C2M. Presenter noted that the current work has been done only for the channels posted.
- Clarification that the ERL is at the ball of the package
- Slide 9: Clarification that this is a fit operation to make the curve.

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

List of attendees (captured from Webex tool)

Name	Company
Adam Healey	Broadcom
Adrian Butter (AveraSemi)	Averasemi
Alan Kinningham (I-PEX)	Ipex
Alex Haser (Molex)	Molex
Ali Ghiasi	Ghiasi Quantum, Inphi
Athos Kasapi	Cadence
Bill Kirkland	Semtech
Bruce Champion (TE)	TE
Champion Kao	Intel
chris	MC Communications
Clint Walker	Awaveip
Daniel Koehler	More Than IP
david malicoat	Senko
David Ofelt	Juniper.Net
David Piehler [Dell EMC]	Dell
David Rennie	Synopsys
Dominic Lapierre (EXFO)	Exfo

Gary Nicholl	Cisco
Geoff Zhang	Xilinx
Greg LeCheminant	Keysight
Greg McSorley	Amphenol
Henry Poelstra (Teledyne Lecroy)	Teledyne
Howard Heck	Intel
Hsinho Wu	Intel
Jeff Slavick	Broadcom
Jeff Twombly	Credosemi
Jeffery Maki	Juniper.Net
Jeremy Stephens	Intel
Jim Weaver	Arista
John Calvin (Keysight)	Keysight
John Ewen	Averasemi
Kapil Shrikhande	Innovium
Kent Lusted	Intel
Mark Gustlin	Cisco
Mark Kimber	Semtech
Masashi Shimanouchi	Intel
Matt Schumacher (TE)	TE
Mau-Lin Wu	Mediatek
Mike Dudek	marvell

mike klempa	UNH
Nathan Tracy	TE
Phil Sun	Credosemi
Piers Dawe	Mellanox
pirooz tooyserkani	Cisco
Pranav Devalla	Arista
pvenugopal	Arista
Rajmohan Hegde	Broadcom
Rich	Samtec
Rick Rabinovich	Keysight
Rita Horner	Synopsys
Rob Stone	Broadcom
Sam Kocsis (Amphenol)	Amphenol
Sara Zabien	Google
Scott Irwin	Mosys
Scott Sommers	Molex
Shawn Nicholl (Xilinx)	Xilinx
Shimon	n/a
Steve Sekel (Keysight Technologies)	Keysight
Thomas Palkert (Guest)	Macom/molex
Upen	Cisco
Will	Wilder-Tech

Yan Zhuang	Huawei
Zhiwei Yang	Zte
Zvi Rechtman	Mellanox