

Agenda for IEEE P802.3ck  
100 Gb/s, 200 Gb/s, and 400 Gb/s  
Electrical Interfaces Task Force  
ad hoc meeting,  
February 19, 2020

Beth Kochuparambil (Cisco) – Chair

Kent Lusted (Intel) – Vice Chair

# Meeting

- Attendance
  - Attendee names and affiliations for these ad hoc meetings will be taken from the WebEx participants list.
  - Please ensure that your full name and employer/affiliation are indicated correctly.
  - If the WebEx participants list does not correctly indicate your name and employer/affiliation, please send an e-mail to Beth Kochuparambil ([edonnay at cisco.com](mailto:edonnay@cisco.com)).
- WebEx
  - Please mute your lines if you are not speaking
    - \*6 to mute/unmute or click on mute button in the WebEx window
  - Noisy, unmuted lines will be muted by the WebEx organizer
    - \*6 to unmute if this happens to you
- Participants wishing to contact the presenter can contact Beth or Kent for their contact info

# .3ck Task Force ad hoc communications

- The TF web page is here:
  - <http://www.ieee802.org/3/ck/index.html>
- All e-mail communications are via the SG/TF reflector
  - archive and subscription links are here:  
<http://www.ieee802.org/3/100GEL/reflector.html>

# Proposed agenda

- Approval of the Agenda
- Approve 15 January 2020 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\* –
  - "Transmit Equalizer Step Size Sensitivity Analysis" – Adee (30 mins)
  - "Measuring Transmitter Compliance Parameters [. . .]" – Liav (20 mins)
  - "C2M VEC with RX Noise" – Yasuo (30 mins)
  - "Transmit Equalizer control for C2C" – Adee (20 mins)
- Comment Discussion (if time allows)
  - CA COM, Comments #10016, #10017, #10018
  - C2M VEC wording, Comments #10061, #10062
  - C2M far-end pre-cursor ISI, Comment #10144

\*Slides are posted in Ad Hoc area.

- <http://www.ieee802.org/3/ck/public/adhoc/index.html>

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- The [IEEE-SA Standards Board Bylaws](#) require that “*participants in the IEEE standards development individual process shall act based on their qualifications and experience*”
- This means participants:
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  - **Shall not act or vote** based on any obligation to or any direction from any other person or organization, including an employer or client, regardless of any external commitments, agreements, contracts, or orders
  - **Shall not direct** the actions or votes of other participants or retaliate against other participants for fulfilling their responsibility to act & vote based on their personal & independently developed opinions
- By participating in standards activities using the “*individual process*”, you are deemed to accept these requirements; if you are unable to satisfy these requirements then you shall immediately cease any participation

# Task Force Timeline Reminder

- Updated in July 2019



# Task Force Update

- Draft 1.1 is out for review
  - Review closes February 26<sup>th</sup> AEO
  - Target for proposed response is Thursday before the March Plenary
  - 51 re-submitted comments + new comments
- Upcoming Ad Hoc
  - Today, February 26, March 4, and March 11
  - Will use remaining time to discuss comments and proposed responses

# Logistics for March 2020

- TF meets the week of March 16, 2020 in Atlanta, Georgia, USA
  - **Registration details at** <http://www.ieee802.org/3/interims/index.html>
    - Standard Registration Deadline: March 6th
  - Deadlines
    - Presentation Request due: Friday, March 6<sup>th</sup> AEO
    - Presentations due: Monday, March 9<sup>th</sup> AOE
  - Limited time
    - Co-located interim: Monday 8am-9:45am
    - Monday 1pm-6pm
    - Tuesday 8am-Noon
    - Wednesday 8am-6pm
    - Thursday 8am-Noon
  - Goal: Review comments against D1.1, hear presentations
- If you are new to the IEEE standards and need more detail for submitting requests/presentations, see the webpage : <http://www.ieee802.org/3/ck/public/presentproc.html>

# Overlaps for March

- *Given the many overlaps, we will do our best to communicate the plan.*
- *Likely to do blocks of time on each topic.*

	Monday	Tuesday	Wed	Thurs
Morning	3ck Wrk Grp	3ck 3cu	3ck 3ct 100GSR	3ck 3cu
Afternoon	3ck 3cu	3cu 3ct 100GSR	3ck 100GSR	Working Group

<http://schedule.802world.com/schedule/schedule/show>

# Large Discussions Needing Closure

- KR/CR Ref RX
  - Beware of moving target effect
- ERL methodology
  - Need to pick a solution
- C2M VEC w/noise
  - Study, choose parameters & threshold
- C2M Ref RX
  - Find complexity/performance balance