

Agenda for IEEE P802.3ck  
100 Gb/s, 200 Gb/s, and 400 Gb/s  
Electrical Interfaces Task Force  
ad hoc meeting,  
February 26, 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 19 February 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\* –
  - o " C2M Methodology and Limits at TP1a, TP4, and TP5" – Ali Ghiasi (30 mins)
- Comment Discussion (see my posted presentation to preview)
  - o CA COM, Comments #10016, #10017, #10018
  - o C2M VEC wording, Comments #10061, #10062
  - o C2M: Np/Dp Values, Comments #10165, #10166
  - o C2M far-end pre-cursor ISI, Comment #10144
  - o Copper Cable Adaptation During Operation, Comment #10247

\*Slides are posted in Ad Hoc area.

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

## **IEEE SA COPYRIGHT POLICY**

**By participating in this activity, you agree to comply with the IEEE Code of Ethics, all applicable laws, and all IEEE policies and procedures including, but not limited to, the IEEE SA Copyright Policy.**

- Previously Published material (copyright assertion indicated) shall not be presented/submitted to the Working Group nor incorporated into a Working Group draft unless permission is granted.
- Prior to presentation or submission, you shall notify the Working Group Chair of previously Published material and should assist the Chair in obtaining copyright permission acceptable to IEEE SA.
- For material that is not previously Published, IEEE is automatically granted a license to use any material that is presented or submitted.

# Participant Policy

---

## Participants in the IEEE-SA “*individual process*” shall act independently of others, including employers

- 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:
  - **Shall act & vote** based on their personal & independent opinions derived from their expertise, knowledge, and qualifications
  - **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> AOE **(TODAY)**
  - Target for proposed response is Thursday before the March Plenary
  - 51 re-submitted comments + new comments
- Upcoming Ad Hoc
  - Today, March 4, and March 11 – 7-9am
  - C2M focused: March 5 & 12 -- 8-9am \*tentative
  - 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
  - Meeting will continue “business as usual”
  - 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**
  - Our meeting times:
    - 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

# 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<br>Wrk Grp | 3ck 3cu           | 3ck 3ct<br>100GSR | 3ck 3cu       |
| Afternoon | 3ck 3cu        | 3cu 3ct<br>100GSR | 3ck<br>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