

IEEE P802.3ck
100 Gb/s, 200 Gb/s, and 400 Gb/s Electrical
Interfaces (100GEL) Task Force
Closing Report

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November 15, 2018

IEEE P802.3ck 100 Gb/s, 200 Gb/s, and 400 Gb/s Electrical Interfaces (100GEL) Task Force

Project information

Task Force Organization

Beth Kochuparambil, Task Force Chair

Kent Lusted, Task Force Vice Chair & Recording Secretary

Matt Brown, Chief Editor

For More Information...

Reflector information: <http://www.ieee802.org/3/100GEL/reflector.html>

Home page: <http://ieee802.org/3/ck/index.html>

PAR: http://www.ieee802.org/3/ck/P802_3ck_PAR_140518.pdf

CSD: http://www.ieee802.org/3/ck/P802_3ck_CSD_06apr18.pdf

Objectives: http://www.ieee802.org/3/ck/P802_3ck_Objectives_2018mar.pdf

Timeline: http://www.ieee802.org/3/ck/P802_3ck_Timeline_13nov18.pdf

IEEE P802.3ck 100 Gb/s, 200 Gb/s, and 400 Gb/s Electrical Interfaces (100GEL) Task Force Activities This Week

The Statistics:

100 people met over the course of 3 days

28 Presentations

13 Straw Polls

A Summary:

A LOT of analysis/data

Great discussions!

Clear need for more work, but we are making progress

Key Technical Progress

C2M

Strongest interest is RX heavy equalization

C2C

In use-case discussion

Backplane

Channels coming in

Discussions underway around reference equalization and chip package assumptions – much more to come!

Copper Cable

Measurements and realities of tolerances being addressed

General consensus is that the budget is very tight.

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Key Administrative Progress

Adopted Timeline

Targeting Baselines in May & End of project early 2021

http://www.ieee802.org/3/ck/P802_3ck_Timeline_13nov18.pdf

Reviewed incoming ITU-T SG15 liaison to .3cb

→ Determined that no response is needed at this time

Joint review of incoming COBO liaison

→ .3cm constructed the main draft and we added to it

WG Motion

Move that the IEEE 802.3 Working Group approve:

- IEEE_802d3_to_COBO_1118_draft

with editorial license granted to the Chair (or his appointed agent) as a liaison communication from the IEEE 802.3 Working Group to COBO.

M: Kent Lusted

S: Robert Lingle

Questions?

Thank you!