

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

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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:

82 people met over the course of 3 days

29 Presentations, 7 Straw Polls & 7 Motions

Key Technical Notes:

Great discussions!

Adopted baselines for: FEC, C2M, and Backplane

We ARE making progress, but it is clear that more work is needed:

- Chip-to-module (C2M) reference receiver

- Backplane reference receiver details (DFE-based)

- FEC for 100GBASE-KR1/CR1

- Cu cable

- Chip-to-chip (C2C)

Upcoming Meetings

Intention of 4 bi-weekly ad hoc meetings:

Wednesdays 7-9am PDT ... starting 3/27

We are targeting adopting more baselines at May interim

Questions?

Thank you!