

IEEE 802.3cu 100 Gb/s per lane optical PHYs Task Force

Opening Report

Mark Nowell, Cisco
Vienna, Austria
Week of July 15th, 2019

IEEE 802.3cu 100 Gb/s per lane optical PHYs Task Force

Project information

Task Force Organization

Mark Nowell, Cisco, Chair

Kenneth Jackson, Sumitomo Electric, Recording Secretary

Gary Nicholl, Cisco, Editor-in-Chief

Task Force web and reflector information

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

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

Project Documentation

PAR: http://www.ieee802.org/3/cu/P802_3cu_PAR.pdf

CSD: <https://mentor.ieee.org/802-ec/dcn/19/ec-19-0062-00-ACSD-p802-3cu.pdf>

Objectives: http://www.ieee802.org/3/cu/Objectives_Approved_Mar_2019.pdf

Draft Timeline: http://www.ieee802.org/3/cu/public/July19/agenda_3cu_01_0719.pdf

Activities since March 2019

One interim meeting and 5 ad hoc meetings have been held

Salt Lake City, CA interim <http://www.ieee802.org/3/cu/public/May19>

Ad hocs http://www.ieee802.org/3/cu/public/cu_adhoc/cu_archive/index.html

Interim TF meeting in May 2019, Salt Lake City

Reviewed 17 presentations

9 Motions, 3 Straw Polls

Adopted baselines for 3 of 4 PMD objectives (100G 2km & 10km, 400G 2km)

Adopted nomenclature

- 100GBASE-FR
- 100GBASE-LR
- 400GBASE-FR4
- 400GBASE-LR4

IEEE 802.3cu 100 Gb/s per lane optical PHYs Task Force: week plan

Meeting:

Monday all day (this room) and Tues 8am-~ 9am

Goals for this week's meeting

Review technical contributions

Adopt remaining baseline if consensus exists

Depending on progress, initiate working document for task force review

Proposed change to nomenclature

Big ticket items

Baseline adoption

In 802.3 WG closing plenary

No anticipated decisions/approval

Questions?

Thank you!