

IEEE P802.3cp 10, 25, and 50G Bidirectional Optical Access PHYs Opening Report

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IEEE P802.3cp 10, 25, & 50G Bidirectional Optical PHYs

Project information

Task Force Organization

Frank Effenberger, IEEE P802.3cp Task Force Chair

Yuanqiu Luo, IEEE P802.3cp Task Force Secretary

Yuanqiu Luo, IEEE P802.3cp Task Force Chief Editor

Task force web and reflector information

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

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

PAR: http://www.ieee802.org/3/cp/P802_3cp_PAR.pdf

CSD: <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0245-00-ACSD-p802-3cp.pdf>

Objectives: http://www.ieee802.org/3/cp/180911_802d3_OBJ_BiDi_v2.pdf

Draft timeline: <http://www.ieee802.org/3/cp/Timeline.pdf>

Private area: <http://ieee802.org/3/cp/private/index.html>

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IEEE P802.3cp 10, 25, & 50G Bidirectional Optical PHYs Activities since July 2019 plenary

Met during the Sep 2019 interim meeting series

Major items discussed, decisions made and actions

- All distances and speeds baselined

- Currently 4 loss budgets supported (6.3, 13, 18, 23 dB)

- On wavelengths: All 10G and All 10 km use 1270 / 1330 +/-10 nm,
Others (faster and longer) use 1290 / 1310 +/- 8 nm

- Agreed to prepare draft 1.0

Draft 1.0 was published Oct 1, and deadline for comments was Oct 31

A conference call was held on Oct. 10 to

- Interactively review the pmd tables

- Further discuss the wavelength plan. Comments are expected

Comments break down

Clause	E	G	T	ER	GR	TR	Open	Closed	Total
158	1	0	3	1	0	8	13	0	13
159	0	0	5	0	0	5	10	0	10
160	0	0	2	0	0	2	4	0	4
30	3	0	0	0	0	0	3	0	3
56	2	0	2	0	0	0	4	0	4
Table	0	0	3	0	0	0	3	0	3
Total	6	0	15	1	0	15	37	0	37

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Meeting week plan

Goals for the meeting

Review all the comments received, and associated contributions

Be ready to issue draft 1.1

Prepare liaison to SG15 to share our status

Big ticket items

Loss budgets

Wavelength plan for the fast and long links

Questions?

Thank you!