

IEEE P802.3cp 10, 25, and 50G Bidirectional Optical Access PHYs Update 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 Jan 2020 interim meeting series

Major items discussed, decisions made and actions

- All distances and speeds baselined

- Currently 4 loss budgets supported (6.3, 15, 18, 23 dB)

- On wavelengths: All 10G and All 10 km use 1270 / 1330 +/-10 nm,

 - Others (faster and longer) use 1289 / 1314 +/- 8 nm

- Agreed to prepare draft 1.2

Draft 1.2 was published Jan 28, and deadline for comments was Mar 1

D 1.2 Comments break down

Clause	E	G	T	ER	GR	TR	Open	Closed	Total
1	0	0	0	1	0	0	1	0	1
15	0	0	1	0	0	0	1	0	1
157	0	0	0	0	0	1	1	0	1
158	1	0	5	0	0	1	7	0	7
159	0	0	5	0	0	3	8	0	8
160	1	0	6	0	0	8	15	0	15
45	0	0	0	2	0	0	2	0	2
56	0	0	0	1	0	0	1	0	1
Total	2	0	17	4	0	13	36	0	36

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

- Holding a teleconference meeting Mar 20
 - Review all the comments received on D1.2, and associated contributions
- Be ready to issue draft 1.3
 - Targeting Mar 27 publication
 - Comments due back Apr 26 (AOE)
- We are nearing the point to consider going to D2.0
 - Need to pass a motion to pre-submit the draft to WG

Questions?

Thank you!