

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

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

## Project information

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### 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](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](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 19 Mar 2020 802.3 meeting

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Met on 20 March to consider the 36 comments on D1.2

All were resolved, and D1.3 was published Mar 27

Met on 6 May to handle comments and liaisons

Considered liaison from ITU-T Q2/15, and associated 5 comments

The comments (all accepted) change the 10 Gb/s BR20 and BR40+ PMDs to be APD based and FEC enabled, thus lowering power levels

A response liaison to ITU-T was reviewed and agreed

The liaison from ETSI F5G ISG was reviewed, and a response was agreed

Agreed to prepare draft 1.4, and to request its forwarding to WG ballot

Draft 1.4 was published May 8, preview announcement on May 9.

## D 1.3 Comments break down

Clause	E	G	T	ER	GR	TR	Open	Closed	Total
157	0	0	1	0	0	0	1	0	1
158	0	0	3	0	0	0	3	0	3
159	1	0	0	0	0	0	1	0	1
<b>Total</b>	<b>1</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>5</b>

## IEEE P802.3cp ready for draft 2.0

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- Move that the IEEE 802.3 Working Group progress the IEEE P802.3cp draft to Working Group ballot.
- Moved by Frank Effenberger on behalf of the task force
- Technical ( $\geq 75\%$ )
- Yes:                      No:                      Abstain:

Questions?

Thank you!