

IEEE P802.3dk Greater than 50 Gb/s Bidirectional Optical Access PHYs Closing Report

Yuanqiu Luo
Futurewei Technologies
November 2025
Bangkok, Thailand

IEEE P802.3dk Greater than 50 Gb/s Bidirectional Optical Access PHYs

Project information

Task Force Organization

Yuanqiu Luo, IEEE P802.3dk Task Force Chair

Frank Effenberger, IEEE P802.3dk Task Force Secretary

Sisi Tan, IEEE P802.3dk Task Force Chief Editor

Task force web and reflector information

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

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

PAR: https://www.ieee802.org/3/dk/P802d3dk_PAR.pdf

CSD: <https://mentor.ieee.org/802-ec/dcn/22/ec-22-0268-00-ACSD-ieee-p802-3dk.pdf>

Objectives: https://www.ieee802.org/3/dk/P802.3dk_OBJ_Update.pdf

Private area: <https://www.ieee802.org/3/dk/private/index.html>

Progress in This Week

Met Tuesday

- Resolved D3.1 comments
 - 37 comments
 - 3 unsatisfied comments from D3.0 to D3.1
 - I-17, I-22 on PICS
 - I-9 on wording of the optional precoding function
 - Passed a motion to generate draft D3.2
 - TF passed a motion to request the WG conditional approval to submit the draft to RevCom

SA Ballot Results

The 1st SA recirculation ballot on IEEE P802.3dk draft D3.1 closed on 8 November 2025 at 23:59 AoE

Vote tally	Initial Draft D3.0			1 st Recirculation Draft D3.1			Req %
	#	%	Status	#	%	Status	
Abstain	1	1	PASS	1	1	PASS	< 30
Dis with comment	4	-	-	3	-	-	-
Dis w/o comment	1	-	-	2	-	-	-
Approve	83	95	PASS	85	96	PASS	≥ 75
Ballots returned	89	89	PASS	91	91	PASS	>75
Voters	100	-	-	100	-	-	-
Comments	48	-	-	37	-	-	-
Public comments	0	-	-	0	-	-	

Motion

Move that the IEEE 802.3 Working Group conditionally approve to progress the IEEE P802.3dk draft to RevCom once the IEEE Standards Association ballot process has been successfully completed.

Technical ($\geq 75\%$)

M: Yuanqiu Luo

S:

Results: Y N A

IEEE P802.3dk Greater than 50 Gb/s Bidirectional Optical Access PHYs

Next Steps

- Start IEEE P802.3dk 2nd SA recirculation ballot
- Resolve comments in December electronic meeting

Meetings are on the IEEE 802.3 calendar

<http://www.ieee802.org/3/calendar.html>

Questions?

Thank you!