

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

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Madrid, Spain

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

## Project information

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### 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](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](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

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## Met Monday afternoon

- Resolved D2.3 comments (6 before the deadline, 12 late)
  - 17 editorial, 1 technical
  - The technical comment is on TDECQ tap weight limits. As this topic is actively discussed in DJ, the comment was rejected, and commentor is invited to submit it to D3.x
  - TF passed a motion to request the WG approval to progress the draft to the SA ballot

No Disapproval votes

No unsatisfied comments

One commenter withdrew 4 comments, comment resolution documents have been updated to reflect this

# WG Ballot Results

The 3<sup>rd</sup> Working Group recirculation ballot on IEEE P802.3dk draft D2.3 closed on 22 July 2025 at 23:59 AoE

## Vote tally

	Initial Draft D2.0			1 <sup>st</sup> Recirculation Draft D2.1			2 <sup>nd</sup> Recirculation Draft D2.2			3 <sup>rd</sup> Recirculation Draft D2.3			Req %
	#	%	Status	#	%	Status	#	%	Status	#	%	Status	
Abstain	29	19	PASS	30	18	PASS	31	17	PASS	30	16	PASS	< 30
Dis with comment	11	-	-	8	-	-	7	-	-	0	-	-	-
Dis w/o comment	0	-	-	0	-	-	0	-	-	0	-	-	-
Approve	116	91	PASS	130	94	PASS	142	95	PASS	156	100	PASS	≥ 75
Ballots returned	156	64	PASS	168	69	PASS	180	73	PASS	186	76	PASS	>50
Voters	244	-	-	244	-	-	244	-	-	244	-	-	-
Comments	271	-	-	72	-	-	54	-	-	6+12	-	-	-
Public comments	0	-	-										

# Changes to draft prior to Standards Association Ballot

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## Editorial changes to draft prior to Standards Association Ballot

- Change draft number to 3.0, change front matter to refer to Standards Association ballot
- Correct order of two subclauses on precoding ability registers
- In TOC, add missing spaces after clause numbers
- In TOC, delete the extra text "Introduction to 50 Gb/s networks" from CL135 title
- In Introduction, add the missing clause number "[168](#)" to Amd 11
- In Table 56-1, correct "Two single-mode fiber" to "Two single-mode fibers"
- In 91.7.4.1, correct typo "KP4" to "KR4" in the TP10 entry
- In 135.5.7.2, correct typo "1/(1+D) mode 4" to "1/(1+D) mode 4"
- In three editing instructions for CL 56 and 157, delete "(as modified by IEEE Std 802.3cp-2021/2)" since 802.3cp has been integrated
- In two editing instructions for CL 161, add the missing text "(as added by IEEE Std 802.3ck-2022)"
- In Table 161-2 title, correct typo "stauts" to "[status](#)"

# Motion

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Move that the IEEE 802.3 Working Group affirm the CSD responses in <https://mentor.ieee.org/802-ec/dcn/22/ec-22-0268-00-ACSD-ieee-p802-3dk.pdf> and request approval to progress the IEEE P802.3dk draft to IEEE Standards Association ballot.

Technical ( $\geq 75\%$ )

M: Yuanqiu Luo

S: Kenneth Jackson

Results: Y    N    A

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## Next Steps

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- Start IEEE P802.3dk initial SA ballot
- Resolve comments

Meetings are on the IEEE 802.3 calendar

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

Questions?

Thank you!