

**IEEE 802 Nov 2023**

**IEEE 802.3 Ethernet WG  
Closing Plenary  
16 Nov 2023**

**IEEE P802.3df  
400 Gb/s and 800 Gb/s  
Ethernet  
Task Force  
Closing Report**



# IEEE P802.3df Task Force Project information

- **Organization**
  - John D'Ambrosia, Chair, IEEE P802.3df Task Force
  - Mark Nowell, Vice-Chair, IEEE P802.3df Task Force, Optics Track Chair
  - Matt Brown, Chief Editor
  - Gary Nicholl, Architecture & Logic Track Chair
  - Kent Lusted, Electrical Track Chair, Recording Secretary
- **Task force web and reflector information:**
  - Home page: <https://www.ieee802.org/3/df/index.html>
  - Reflector Info - <https://www.ieee802.org/3/df/reflector.html>
    - TF Reflector: [stds-802-3-b400g@listserv.ieee.org](mailto:stds-802-3-b400g@listserv.ieee.org)
    - Logic Reflector: [stds-802-3-b400g-logic@listserv.ieee.org](mailto:stds-802-3-b400g-logic@listserv.ieee.org)
    - Optical Reflector: [stds-802-3-b400g-optx@listserv.ieee.org](mailto:stds-802-3-b400g-optx@listserv.ieee.org)
    - Electrical Reflector: [stds-802-3-b400g-elec@listserv.ieee.org](mailto:stds-802-3-b400g-elec@listserv.ieee.org)
- **Project Documentation –**
  - PAR : [https://www.ieee802.org/3/df/proj\\_doc/IEEE\\_P802.3df\\_PAR\\_11122021.pdf](https://www.ieee802.org/3/df/proj_doc/IEEE_P802.3df_PAR_11122021.pdf)
  - CSD: <https://mentor.ieee.org/802-ec/dcn/21/ec-21-0306-00-ACSD-p802-3df.pdf>
  - Objectives: [https://www.ieee802.org/3/df/proj\\_doc/objectives\\_P802d3df\\_221117.pdf](https://www.ieee802.org/3/df/proj_doc/objectives_P802d3df_221117.pdf)
- **P802.3df TF meeting information may be found on:**
  - Public page: <https://www.ieee802.org/3/df/public/index.html>
  - 802.3 Calendar: <https://www.ieee802.org/3/calendar.html>
  - Ad hoc Page: <https://www.ieee802.org/3/df/public/adhoc/index.html>

# **This Week's Progress**

- **Resolved 40 comments**
- **Affirmed IEEE P802.3df CSD**
- **Generated Liaison to ITU-T regarding state of IEEE P802.3df**
- **Approved generation of D3.2 (2<sup>nd</sup> Standards Association Recirculation Ballot)**

# IEEE P802.3df 400 Gb/s and 800 Gb/s Ethernet to RevCom (conditional)

## Date ballot closed

The 1st Standards Association recirculation ballot on IEEE P802.3df 400 Gb/s and 800 Gb/s Ethernet D3.1 closed on 28 Oct 2023 at 23:59 UTC-12

### Vote Tally

	Initial Draft D3.0			1 <sup>st</sup> Recirculation Draft D3.1			Req %
	#	%	Status	#	%	Status	
Abstain	2	2	PASS	2	2	PASS	< 30
Dis with comment	7	-	-	2	-	-	-
Dis w/o comment	0	-	-	0	-	-	-
Approve	88	92	PASS	95	97	PASS	≥ 75
Ballots returned	95	77	PASS	99	79	PASS	≥ 75
Voters	125	-	-	125	-	-	-
Comments	145	-	-	40	-	-	-
Public comments	0	-	-				

# IEEE P802.3df – Unsatisfied Comments

- **1 unsatisfied TR / 0 ER comments from 1 commenter**
- **Summary of Unsatisfied Comments**
  - **Annex 172A: “Mux and 10-bit symbol distribution” pattern examples**
- **For More information:**  
[https://www.ieee802.org/3/df/comments/D3p1/8023df\\_D3p1\\_comments\\_unsatisfied\\_clause.pdf](https://www.ieee802.org/3/df/comments/D3p1/8023df_D3p1_comments_unsatisfied_clause.pdf)

# WG Motion

Motion	<b>Move that the IEEE 802.3 Working Group re-affirm the CSD responses in <a href="https://mentor.ieee.org/802-ec/dcn/21/ec-21-0306-01-ACSD-p802-3df.pdf">https://mentor.ieee.org/802-ec/dcn/21/ec-21-0306-01-ACSD-p802-3df.pdf</a> and request conditional approval to progress the IEEE P802.3df draft to RevCom once the IEEE Standards Association ballot process has been successfully completed.</b>
Technical (>= 75%)	
Moved by	John D'Ambrosia
Second by	Mark Nowell
Results 802.3 (y/n/a)	

# WG Motion

Motion	Move that the IEEE 802.3 Working Group approve: <ul style="list-style-type: none"><li>IEEE_802d3_to_ITU_3df_1123_Redacted.pdf with editorial license granted to the Chair (or his appointed agent) as liaison communications from the IEEE 802.3 Working Group to ITU-T SG15.</li></ul>
Technical (>= 75%)	
Moved by	John D'Ambrosia
Second by	Kent Lusted
Results 802.3 (y/n/a)	

# IEEE P802.3df 400 Gb/s and 800 Gb/s Ethernet to RevCom (conditional)

## Recirculation ballot and resolution meeting schedule

2 <sup>nd</sup> Standards Association recirculation ballot day one	30 November 2023
2 <sup>nd</sup> Standards Association recirculation ballot close date	14 December 2023
IEEE P802.3df comment resolution meeting	See note 1
RevCom submittal deadline	19 December 2023
3 <sup>rd</sup> Standards Association recirculation ballot day one	13 January 2024
3 <sup>rd</sup> Standards Association recirculation ballot close date	27 January 2024
IEEE P802.3df comment resolution meeting	31 January 2024
RevCom submittal deadline	19 February 2024

Note 1: If there are minimal 2<sup>nd</sup> Standards Association recirculation ballot comments, with no anticipated substantiative changes, this meeting will be held on 18 December 2023. If there are comments with anticipated substantiative changes, this meeting will be held 9-11 January 2024

Note 2: 3<sup>rd</sup> Standards Association recirculation ballot only if required



**THANK YOU!**

