

IEEE Std 802.3-2022/Cor 2 Draft 0.1: Next steps

IEEE Std 802.3-2022/Cor 2 (IEEE P802.3dr)
Optical Automotive Ethernet TDFOM Task Force

Luisma Torres, Chair

KD

Teleconference

October 1st, 2025

IEEE P802.3dr items

- IEEE P802.3dr Task Force Reflector, Website and Private Area
- Approve July 2025 minutes
- IEEE Std 802.3-2022/Cor 3 Draft status
- IEEE Std 802.3-2022/Cor 3 Timeline
- Motion to progress IEEE Std 802.3-2022/Cor 3 Draft D0.1 to Working Group ballot
- Future Meetings

Reflector and Web

- This TF will use the Maintenance reflector
- To subscribe to the Maintenance reflector, see:
<https://www.ieee802.org/3/maint/reflector.html>
- Send Maintenance reflector messages to:
stds-802-3-maint@listserv.ieee.org
- Task Force web page URL:
<https://www.ieee802.org/3/dr/index.html>

Task Force Private Area

- URL: <https://www.ieee802.org/3/private/maint/drballot/index.html>
 - Username: 802.3dr
 - Password:
- Write it down...
- Note - The draft, and any other content, is posted for your review only, and neither the content nor access information should be copied or redistributed to others in violation of document copyrights.

Motion #3

- July 2025 minutes were posted on 28 July 2025
- Approve the [July](#) 2025 minutes

- M: D. Law
- S:

- Y:/N:/A:
- The motion Pass by unanimous consent at 16:22 CET

IEEE Std 802.3-2022/Cor 3 Draft status

- IEEE 802.3dr TF approved last July IEEE Madrid Plenary meeting to generate D0.1 version of the draft (Motion #2)
- On September 8th, IEEE 802.3dr Chair announced in the Maintenance reflector the availability of IEEE Std 802.3-2022/Cor 2 Draft 0.1 version in the private area
(https://www.ieee802.org/3/private/maint/drballot/8023dr_D0p1.pdf)

166.6.4.8.6 TDFOM calculation

Change four values in the last row of Table 166-16 as follows:

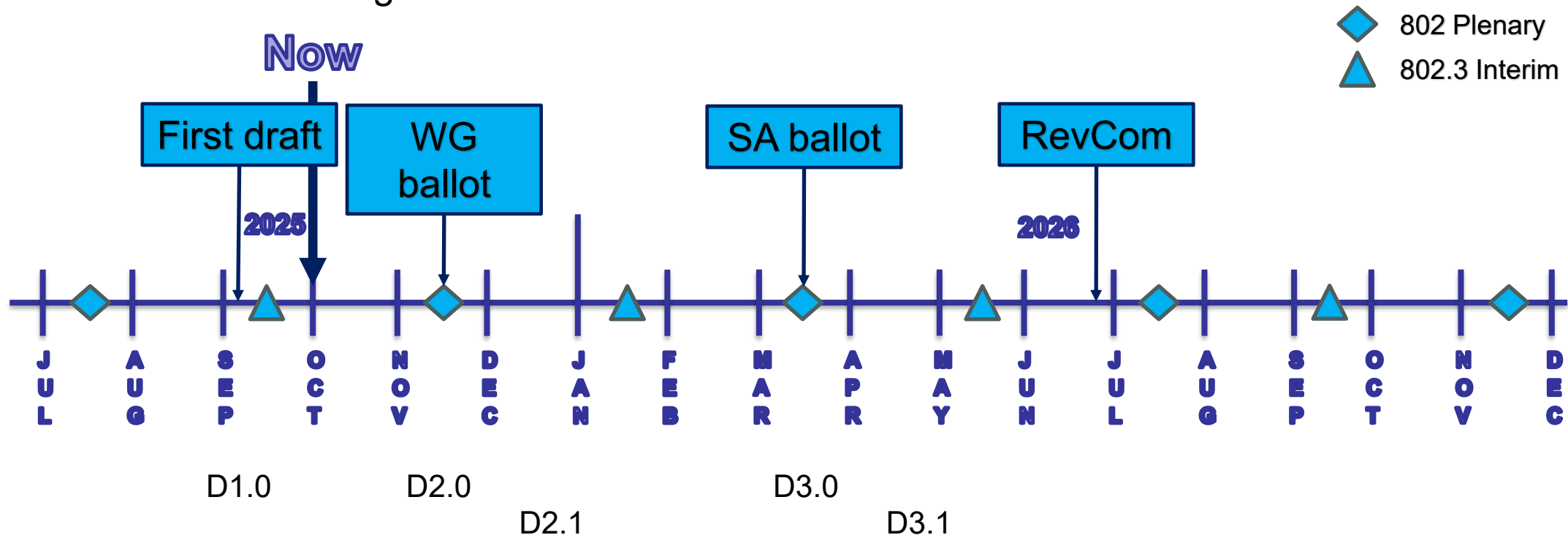
Table 166-16— BASE-AU TDFOM parameters

Parameter	2.5GBASE-AU	5GBASE-AU	10GBASE-AU	25GBASE-AU	50GBASE-AU	Units
M	2				4	
Q_0^a	3.5741				3.4981	
$TDFOM_0$	3.59 3.72	3.64 3.74	3.63 3.77	3.92 3.9	2.83	dB

^aConsistent with BER = 1.757×10^{-4} .

IEEE Std 802.3-2022/Cor 2 (IEEE P802.3dr) Timeline (Adopted Jul 2025)

- First corrigendum draft for TF consideration: **Sep 2025 (Done)**
- Submission of corrigendum draft D2.0 to IEEE 802.3 WG for initial WG ballot: **Nov 2025** ←
- Submission of corrigendum draft D3.0 to the IEEE SA for initial SA Ballot: **March 2026**
- Submission of corrigendum draft to RevCom: **June 2026**



Motion #4

- Progress the IEEE Std 802.3-2022/Cor 2 draft to Working Group ballot
- M: G. Zimmerman
- S: A. Healey

- Y:/N:/A:
- The motion Pass by unanimous consent at 16:26 CET

Future Meetings

- See: <http://www.ieee802.org/3/interims/index.html>
- Future meetings would be announced on the Maintenance Task Force reflector
 - The next meeting is contingent on the reception of comments on draft D0.1
 - If needed, IEEE 802.3dr TF will meet in the Maintenance TF time slot on the IEEE 802.3 November 2025 plenary meeting series week
- Anyone interested in hosting an interim meeting contact me or the IEEE 802.3 Executive Secretary [Chad Jones](#).

Thank You!