

IEEE 802 Nov 2024

**IEEE 802.3 Ethernet WG
Closing Plenary
14 Nov 2024**

**IEEE P802.3dj
200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s
Ethernet Task Force
Closing Report**

**John D'Ambrosia
Chair, IEEE P802.3dj Task Force
Futurewei, U.S. Subsidiary of Huawei**



IEEE P802.3dj Task Force Project information

- **Organization**

- John D'Ambrosia, Chair, IEEE P802.3dj Task Force
- Mark Nowell, Vice-Chair, IEEE P802.3dj Task Force; Chair, Optics Track
- Kent Lusted, Secretary, Chair, Electrical Track
- Gary Nicholl, Chair, Architecture and Logic Track
- Matt Brown, IEEE P802.3dj Chief Editor

- **Task force web and reflector information:**

- Home page: <https://www.ieee802.org/3/dj/index.html>
- Reflector Info - <https://www.ieee802.org/3/df/reflector.html>
 - TF Reflector: stds-802-3-b400g@listserv.ieee.org
 - Logic Reflector: stds-802-3-b400g-logic@listserv.ieee.org
 - Optical Reflector: stds-802-3-b400g-optx@listserv.ieee.org
 - Electrical Reflector: stds-802-3-b400g-elec@listserv.ieee.org

- **Project Documentation –**

- PAR : https://www.ieee802.org/3/dj/projdoc/P802d3dj_PAR.pdf
- CSD: <https://mentor.ieee.org/802-ec/dcn/22/ec-22-0256-00-ACSD-p802-3dj.pdf>
- Objectives: https://www.ieee802.org/3/dj/projdoc/objectives_P802d3dj_230518.pdf
- Adopted Timeline: https://www.ieee802.org/3/dj/projdoc/timeline_3dj_241114.pdf

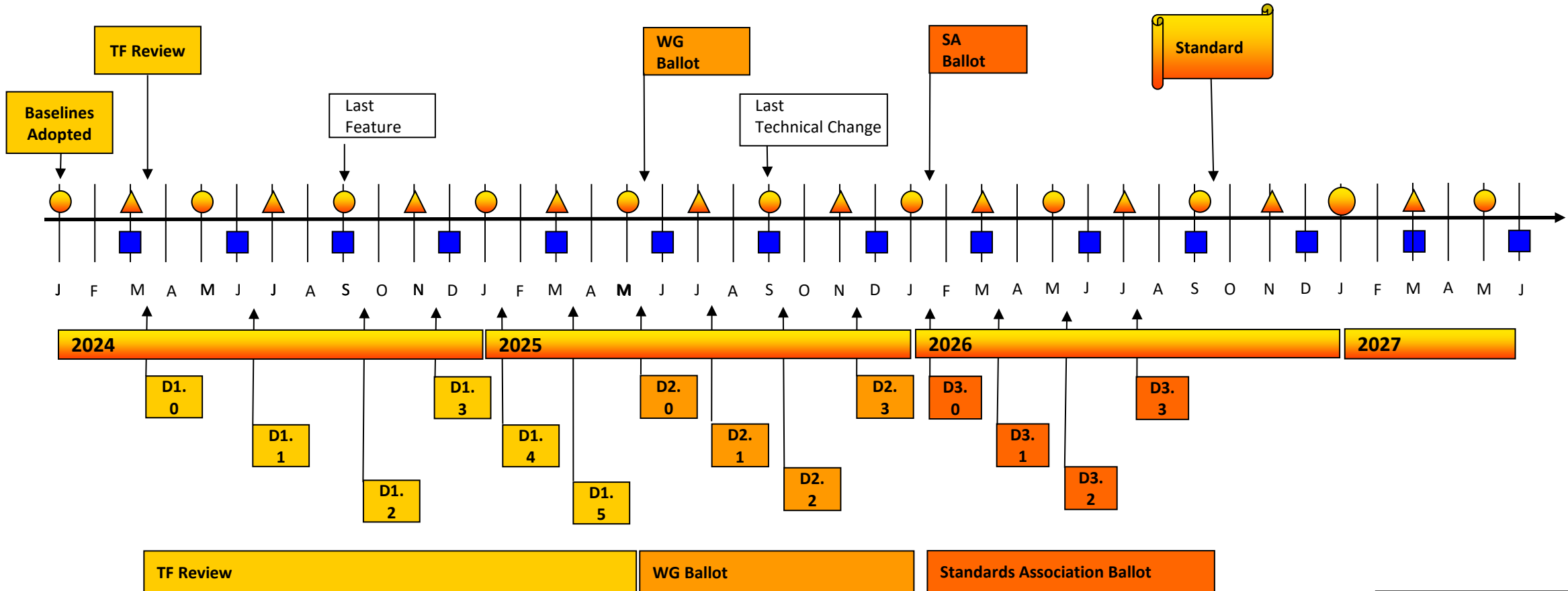
Activities This Week

- **A busy week**
 - Nov 2024 Webpage - https://www.ieee802.org/3/dj/public/24_07/index.html
 - Heard 30 technical presentations
 - Split into parallel tracks on Tuesday / Wednesday to cover all the work
 - All 436 comments received were considered!!!
- **Good Progress!!!! - Consensus (Architectural, Copper, Optical) generated!**
 - Logic:
 - Reviewed two technical presentations
 - Resolved all 34 comments (13 different topics)
 - Optics:
 - Resolved all 126 comments. Resolved two major areas where many TBDs were left:
 - TDECQ and associated parameters for Optical PHYs based on Inner FEC
 - ETCC (Coherent TQM approach) definition added.
 - Electrical:
 - Resolved all 80+ comments !!!
 - Closed many/most TBDs
 - Decisions on jitter methodology, output voltage range, interference tolerance test

Activities This Week - Liaisons

- **Considered liaison request from UALink**
 - **Task Force approved to request draft sharing with UALink**
 - **Generated and approved liaison response to share IEEE P802.3dj D1.3, pending approval of draft sharing request**
- **Generated and approved liaisons to share IEEE P802.3dj D1.3**
 - **OIF**
 - **ITU-T**

Activities this week – New Adopted Timeline



Legend	
▲	IEEE 802
●	IEEE 802.3
■	Interim

IEEE-SA
Standards Board

WG Motion

Motion	<p>Move that the IEEE 802.3 Working Group approve:</p> <ul style="list-style-type: none">• IEEE_802d3_to_OIF_Redacted.pdf• IEEE_802d3_to_ITUT_Redacted.pdf <p>with editorial license granted to the Chair (or his appointed agent) as liaison communications from the IEEE 802.3 Working Group to OIF and ITU-T.</p>
Technical (>= 75%)	
Moved by	John D'Ambrosia
Second by	Kent Lusted
Results 802.3 (y/n/a)	

Activities this Week – Open Source Project Proposal

Channel Operating Margin (COM) Code

- See https://www.ieee802.org/3/dj/public/24_11/lusted_3dj_03a_2411.pdf
- TF adopted proposed “Open Source Project Request” responses for the Channel Operating Margin (COM) Code Open Source Project Proposal
- Approved by unanimous consent!!!!

- Adopted Responses posted - <https://mentor.ieee.org/802-ec/dcn/24/ec-24-0280-00-00EC-com-open-source-proposal-open-source-project-request.pdf>

IEEE P802.3dj TF - Going Forward

The previously announced contingent electronic meetings for next week are cancelled

4th Task Force Review

- Estimated Open – Dec 13th 2024. Estimated Close – Jan 2nd 2024

IEEE 802.3 Jan 2025 Interim

- Week of Jan 20-24, 2025. Consideration of comments submitted against D1.3

Future ad hoc meetings announced:

Week	Electrical	Optical / Logic	Joint Electrical / Optical / Logic	COM
Dec 8	Dec 12			Dec 10
Dec 15		Dec 19		Dec 17
Dec 22				
Dec 29				
Jan 5			Jan 9	Jan 7

“Open Source Project Request” Overview

WG Motion

Motion	Move that the IEEE 802.3 Working Group approve the Channel Operating Margin (COM) Code Open Source Project Proposal "Open Source Project Request" in https://mentor.ieee.org/802-ec/dcn/24/ec-24-0280-00-00EC-com-open-source-proposal-open-source-project-request.pdf
Technical (>= 75%)	
Moved by	Kent Lusted
Second by	John D'Ambrosia
Results 802.3 (y/n/a)	

THANK YOU!

