$\int_{\text{Dec 2025}}^{?} P802.3ds$

Editors' Report

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IEEE P802.3ds Interim

P802.3ds 200 Gb/s per Wavelength MMF PHYs Task Force

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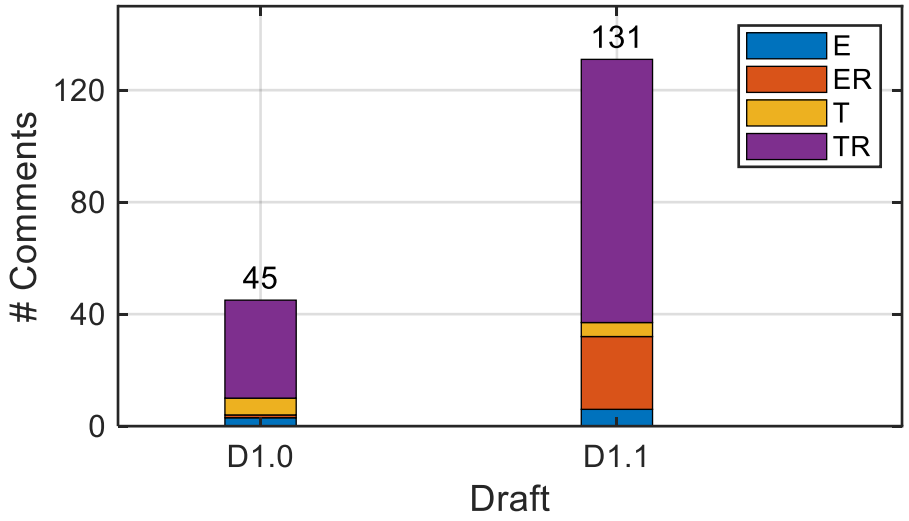
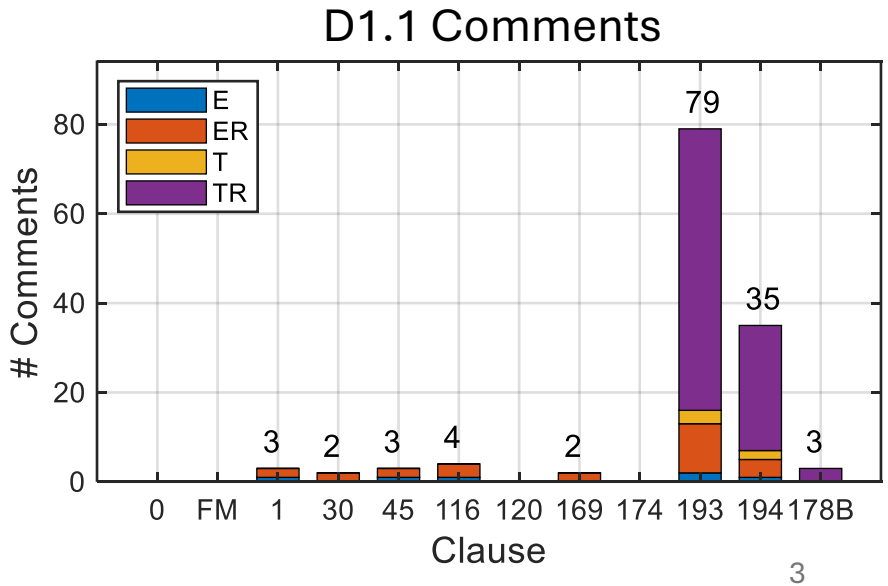
Name	Clause/Subclause
Ramana Murty	FM, 1, 116, 193.7, 193.9, 194.7, 194.9
Roberto Rodes	169, 174, 193.8, 193.10, 193.12, 194.8, 194.10, 194.12
Eric Bernier	30, 45, 120, 193.1 – 193.6, 193.11, 194.1 – 194.6, 194.11

D1.1 Task Force Review

- New clause numbers assigned to P802.3ds:
  Clause 193 850 nm link
  Clause 194 1060 nm link
- D1.1 Opened for comments on Jun 8 – Jun 29, 2026, AOE
- Received 131 comments from 9 individuals
- Comments received posted on Jun 30, 2026
- Proposed responses posted on Jul 7, 2026
- 61 comments in bucket
  – request to pull comments out of bucket by Jul 9, 2026, AOE
- Comment review sessions: Jul 8, 9, 13, 28, and 30





Comments

- Comments in **bold** with a supporting presentation
- Comments in blue will be resolved after P802.3dj CR is completed

Topic	CR	Bucket
TDECQ	[23, 24, **26**, 28, 67, 101], 27, [74, 83], 108, 109, 129, **130**	25, 42, 62
Equalizer Tap Coefficients	111, 112, 113	
OMA	[93, 94, 131], 106, 123	41, 42
Power Budget	[15, 16, 64, 65], 40, 43, 44, [76, 77, 85, 86], [78, 79, 87, 88]	
RIN	[21, 103]	68, 72
Overshoot	[75, 84], 114	
Rx Sensitivity	**31**, 115, 122	33, 34
Tx Transition Time	102	29, 30
MMF	[**66**, 71], [91, 92]	
BLER		14, 119, 120, 121
APSU	[80, **81**, 89, 90], 126, 127, 128	107
PMD Functional Specification	8, 10, 104	9, 11, [12, 73, 82], 124, 125
Lane Assignment	[17, 18, 19, 95, 96, 97, 98, 99, 100]	6, 13
Other: Clauses 193 and 194	61, 110	4, 5, 7, 20, 22, 32, [35, 36, 37, 38, 70], 39, 45, 46, 58, 59, 60, 63, 69, 105, 116, 117, 118
Other Clauses		[1, 48], 2, 3, 47, 49, 50, 51, 52, 53, 54, 55, 56, 57

Agenda

Topic	CR	Editor
Other: Clauses 193 and 194	110	Ramana
TDECQ	**130** (rodes), [74, 83]	
Power Budget	[76, 77, 85, 86], [78, 79, 87, 88], [15, 16, 64, 65], 40, 43, 44	
Lane Assignment	[17, 18, 19, 95, 96, 97, 98, 99, 100]	Roberto
MMF	[**66** (murty), 71]	
APSU	[80, **81** (ghiasi), 89, 90]	Eric
PMD Functional Specification	8, 10, 104	
OMA	[93, 94, 131]	Ramana
RIN	[21, 103]	
Overshoot	[75, 84], 114	
TDECQ	[**26** (mi), 23, 24, 28, 67, 101]	

TBDs

Clause 193
TDECQ (max)
Tx overshoot and undershoot (max)
OMz fiber parameters (Tables 193-10 and 193-11)
Sum of FFE tap coefficients

Clause 194
TDECQ (max)
Tx overshoot and undershoot (max)
Fiber parameters (Table 194-10)
Sum of FFE tap coefficients

MMF core diameter
Encircled flux specification
Fiber emulation filter bandwidth (Table 194-14)
Optical return loss tolerance (max)
Receiver reflectance (max)

Topics

TFT
Annex 178B amendments

Editors' Notes

Clause 193

Figure 193–3	The figure will be updated after link budget is finalized.
Table 193–15	The upper limit on the feedback tap coefficient, b, is under review. A review of the limits on feed-forward tap coefficients is encouraged.
193.9.10	The transmitter power excursion ratio was set with a hit ratio of 3×10^{-3} and the value of the limit is under review.

Clause 194

Table 194-7	Add IEC reference. (for 1060 nm MMF)
Table 194–9	Add IEC reference. (for 1060 nm MMF)
Figure 194–3	The figure will be updated after link budget is finalized.
Table 194–15	The upper limit on the feedback tap coefficient, b, is under review. A review of the limits on feed-forward tap coefficients is encouraged.
194.9.10	The transmitter power excursion ratio was set with a hit ratio of 3×10^{-3} and the value of the limit is under review.