

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

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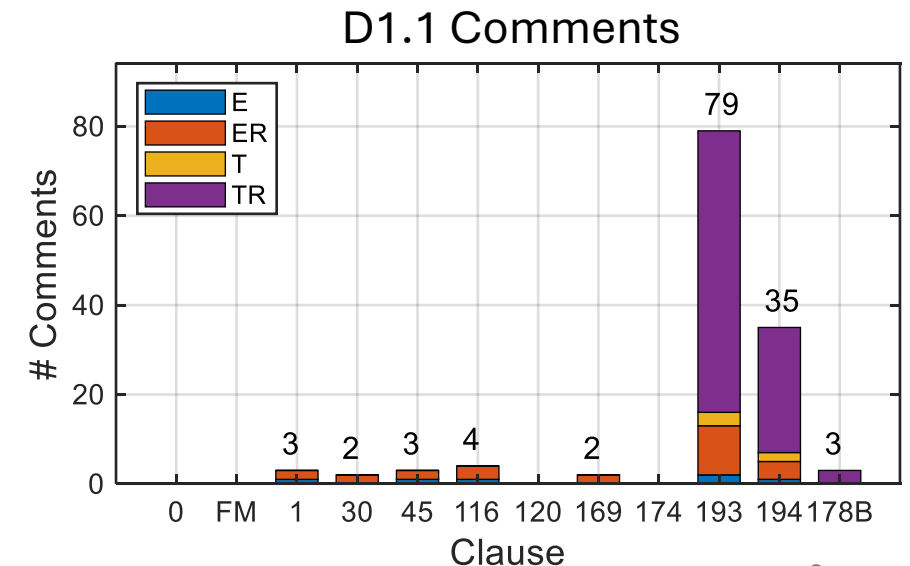
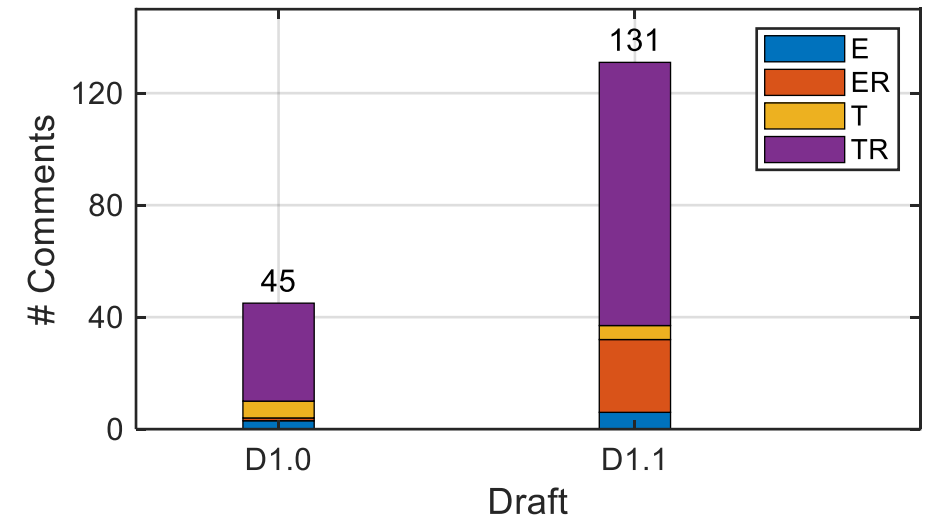
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Name	Clause/Subclause
Ramana Murty	FM, 1, 116, 193.7, 193.9, 194.7, 194.9
Roberto Rodes	169, 174, 193.8, 193.10, 193.12, 194.8, 194.10, 194.12
Eric Bernier	30, 45, 120, 193.1 – 193.6, 193.11, 194.1 – 194.6, 194.11

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 initially placed in bucket
 - request to pull comments out of bucket by Jul 9, 2026, AOE
 - 13 comments pulled from bucket
- 48 comments left in bucket
- Comment review sessions: Jul 8, 9, **13**, 28, and 29



CR

13 comments pulled from bucket: 2, 7, 9, 22, 32, 33, 34, 105, 118, 119, 120, 124, 125

Comments	Count	Remarks
Total	131	
Selected for CR	83	Includes 13 pulled from bucket
Bucket	48	
Resolved (Jul 8, 9)	31	Discussion on another 8 comments

Comments

- Comments in **bold** with a supporting presentation
- There is ongoing discussion in P802.3dj on the topics related to comments in **blue**
- Comments placed **on hold** after discussion

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

Agenda Jul 13

Topic	CR	Editor
TDECQ	[23, 24, 26 , 28, 67, 101], [74 , 83, 129], 108, 109	Ramana
Power Budget	44, [76, 77, 85, 86], [78, 79, 87, 88]	
Tx transition time	102	
Other Clauses	7, 118	Eric
Other: Clauses 193 and 194	2	
PMD Functional Specification	8, 9, 124	
BLER	119, 120	
Overshoot	[75, 84], 114	Ramana

TBDs

Clause 193

TDECQ (max)

Tx overshoot and undershoot (max)

OMz optical channel characteristics (Table 193-10)

[OMz fiber parameters \(Table 193-11\)](#) ✓

Sum of FFE tap coefficients

Clause 194

TDECQ (max)

Tx overshoot and undershoot (max)

Optical channel characteristics (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)

Editors' Notes and Topics Not Covered

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.

Topics

TFT
Annex 178B amendments