

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

Editors' Report

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Jul 28, 2026

IEEE P802.3ds Interim

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

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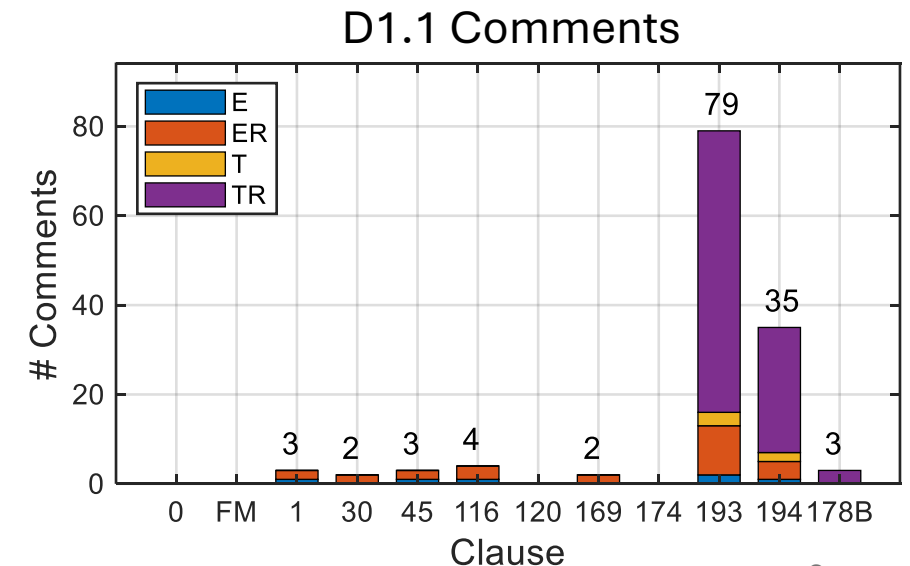
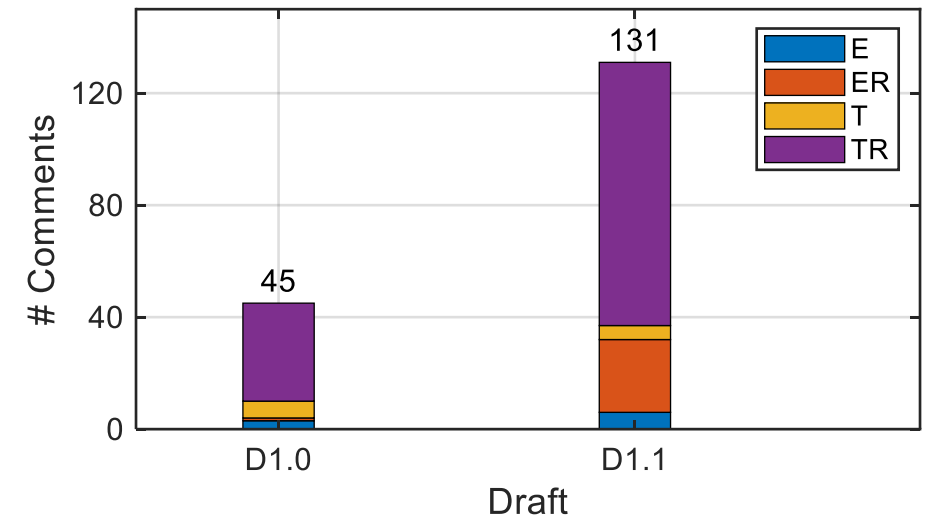
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Name	Clause/Subclause
Ramana Murty	FM, 1, 116, 193.7, 193.9, 194.7, 194.9
Roberto Rodes	169, 174, 193.8, 193.10, 193.12, 194.8, 194.10, 194.12
Eric Bernier	30, 45, 120, 193.1 – 193.6, 193.11, 194.1 – 194.6, 194.11

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	
Comments resolved (Jul 8, 9, 13)	56	Discussion on an additional 8 comments
Comments remaining	27	

Agenda Jul 28

Comments in **bold** with a supporting presentation

Comments in **blue** to resolved after CR against P802.3dj D3.1 is completed

Comments in **red** put on hold after some discussion

Topic	CR	Editor
TDECQ	27 , 109	Ramana
Equalizer Tap Coefficients	111 , 112 , 113	
OMA	106 , 123	
Power Budget	44	
Overshoot	[75, 84], 114	
Rx Sensitivity	31, 33 , 34 , 115, 122	
APSU	[80, 81, 89, 90]	Eric
BLER	119, 120	
PMD Functional Specification	10 , 125	
APSU	126, 127, 128, 16*	Roberto

* Reopen comment 16 to rephrase response.

Comments

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

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

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