

P802.3ds D1.2 200 Gb/s per Wavelength MMF PHYs Task Force 3rd Task Force review comments

Cl 1	SC 1.4	P18	L24	# 29
Murty, Ramana		Broadcom		
Comment Type	E	Comment Status	D	Bucket
Description of MR1, SR1-30 and SR1-50 PMDs				
SuggestedRemedy				
Replace "multimode fiber" with "one multimode fiber in each direction" for the MR1, SR1-30 and SR1-50 PMDs				
Proposed Response	Response Status		W	
PROPOSED ACCEPT.				

Cl 45	SC 45.2.1.6	P23	L16	# 49
Dudek, Mike		Marvell		
Comment Type	E	Comment Status	D	Bucket
800GBASE-SR4-50 PMA/PMD is a new type.				
SuggestedRemedy				
Underline this row like the others.				
Proposed Response	Response Status		W	
PROPOSED ACCEPT.				

Cl 45	SC 45.2.1.60g.1	P28	L17	# 60
Bernier, Eric		Huawei		
Comment Type	ER	Comment Status	D	Bucket
typo 200GBASE-SR1-30				
SuggestedRemedy				
change to 200GBASE-MR1				
Proposed Response	Response Status		W	
PROPOSED ACCEPT.				

Cl 169	SC 169.1.4	P39	L24	# 52
Dudek, Mike		Marvell		
Comment Type	E	Comment Status	D	Bucket
The clause 177 inner FEC is not used for any of the PHYs in table 169-3aa				
SuggestedRemedy				
Delete the column in this table.				
Proposed Response	Response Status		W	
PROPOSED ACCEPT.				

Cl 169	SC 169.1.4	P40	L19	# 53
Dudek, Mike		Marvell		
Comment Type	TR	Comment Status	D	Bucket
The clause 177 inner FEC is being shown as Mandatory for 800GBASE-SR4-50, SR4-30 or MR4 whereas it is not used according to Clause 193 table 193-2, or 194-2				
SuggestedRemedy				
Delete the Ms				
Proposed Response	Response Status		W	
PROPOSED ACCEPT.				

Cl 169	SC 169.4	P40	L42	# 50
Dudek, Mike		Marvell		
Comment Type	TR	Comment Status	D	Bucket
The number of pause quanta was corrected to 116 in 802.3dj Draft 3.2. Note it is also correct in 193.4.1 and 194.4.1				
SuggestedRemedy				
Change the number of pause quanta from 96 to 116 on rows 42, 45, 48 and 49.				
Proposed Response	Response Status		W	
PROPOSED ACCEPT.				

Cl 174	SC 174.1.4	P44	L23	# 51
Dudek, Mike		Marvell		
Comment Type	TR	Comment Status	D	Bucket
The clause 177 inner FEC is being shown as Mandatory for 1.6TBASE-SR8-50 whereas it is not used according to Clause 193				
SuggestedRemedy				
Delete the M				
Proposed Response	Response Status		W	
PROPOSED ACCEPT.				

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CI 193 SC 193.7 P56 L33 # 64
 Bernier, Eric Huawei
 Comment Type TR Comment Status D Bucket
 Last fibre Type is TBD
 SuggestedRemedy
 Update Type to OMz
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Implement with editorial license.

CI 193 SC 193.7.1 P57 L50 # 46
 Simms, William NVIDIA
 Comment Type E Comment Status D Bucket
 Footnote b of Table 193-5 reads "If measured into type A1a.2 or type A1a.3, or A1a.4, or TBD, 50 um fiber, in accordance with IEC 61280-1-4." The list is punctuated inconsistently, drops "type" before A1a.4, and embeds a bare TBD in a normative footnote. 193.6 at P56 L33 sets out the same list correctly as "type A1a.2 (OM3), type A1a.3 (OM4), type A1a.4 (OM5), or type TBD".
 SuggestedRemedy
 Restyle the footnote to match P56 L33, and carry the OMz fiber type through from whatever designation is settled for that fiber.
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Implement with editorial license.

CI 193 SC 193.7.2 P58 L7 # 43
 Simms, William NVIDIA
 Comment Type ER Comment Status D Bucket
 Table caption is misspelled: "Table 193-6—Receive charactersitics". The same misspelling appears in the Clause 194 caption. The same applies at CI 194 SC 194.7.2 P93 L6.
 SuggestedRemedy
 Change "charactersitics" to "characteristics" in both captions, and check the lists of tables.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 193 SC 193.8.3 P62 L7 # 54
 Dudek, Mike Marvell
 Comment Type E Comment Status D Bucket
 typo
 SuggestedRemedy
 Change "an" to "and"
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 193 SC 193.9.7.1 P69 L26 # 45
 Simms, William NVIDIA
 Comment Type ER Comment Status D Bucket
 The DC gain row of Table 193-13 has a stray placeholder and has lost the distinction between the feed-forward and feedback taps. It reads "Equalizer DC gain" with footnote "The sum of all TBD equalizer coefficients, w(i)." The corresponding row of IEEE P802.3dj D3.2 Table 180-16 reads "Feed-forward tap DC gain" with footnote "The sum of all 15 feed-forward tap coefficients, w(i)." As written, "all equalizer coefficients" would include the feedback tap b(1), which is not part of a DC gain sum and is referenced to a different quantity (OMATDECQ/2, per footnote b). The same applies at CI 194 SC 194.9.7.1 P104 L26, L30.
 SuggestedRemedy
 Change the row heading to "Feed-forward tap DC gain" and the footnote to "The sum of all 15 feed-forward tap coefficients, w(i)." in both tables.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 193 SC 193.9.7.1 P69 L30 # 32
 Murty, Ramana Broadcom
 Comment Type T Comment Status D Bucket
 The equalizer DC gain definition is TBD in Table 193-13. It is defined as the sum of all 15 feed-forward tap coefficients in P802.3dj.
 SuggestedRemedy
 Define the feed-forward tap DC gain as the sum of all 15 coefficients.
 Replace "equalizer DC gain" with "feed-forward tap DC gain" to be consistent with P802.3dj.
 Same change in Table 194-13.
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Follow suggested remedy in comment 45.
 Implement in both Table 193-13 and Table 194-13.