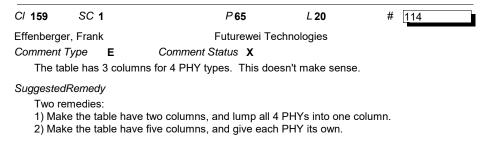
802.3cp D1.3 Bidirectional 10 Gb/s, 25 Gb/s, and 50 Gb/s Optical Access PHYs 4th Task Force review cor

C/ 157 SC 1.4	P 42	L 9	# 115	C/ 158	SC 6.1		P 52	L 1	# <u>1</u> 17	
Effenberger, Frank	Futurewei Teo	chnologies		Effenberg	er, Frank	F	uturewei Te	echnologies		
Comment Type T Comment Status X					Туре Т	Comment Sta	tus X			
The BR20 and BR40+ PMD's need the strong RS FEC that is specified in clause 108 (i.e., the same FEC used for 25G.					The optical parameters for BR20 and BR40+ are very difficult to implement, due to the large link loss range. The use of APD receivers and RS-FEC makes these more practical.					
SuggestedRemedy				Suggeste	dRemedy					
Modify table 157-2 to change the "FEC" clause referenced to 108. Make the entries for BR20 and BR40+ (four places) "M". The BR10 and BR40 entries can remain "O".					y the following e BR40+					
Proposed Response	Response Status 0			Av Po OMA-	wer Max-5.6+4 wer Min-12.0-4 TDP Min-10.0-2 Min-9.0-1.0	.0				
C/ 158 SC 1	P 47	L 20	# 116		Max2.02.6					
Effenberger, Frank	Futurewei Teo	chnologies		ER M	in55					
Comment Type T	Comment Status X	<u>9</u>		Proposed	Response	Response Sta	tus O			
51	n the table is not correct. Also,	the PMDs are g	grouped incorrectly							
0	oquionon			C/ 158	SC 6.2		P 53	L 1	# 118	
 SuggestedRemedy Reformat the table so that BR10 and BR40 are in column #2, and BR20 and BR40+ are in column #3. Change the bottom row to list clause "108 RS-FEC*", Optional, and Required. Add a footnote: * Clause 108 describes an FEC for 25 Gb/s PHY, but the same scheme can be applied to 10 Gb/s PHYs. 					er, Frank	F	uturewei Te	echnologies		
					Comment Type T Comment Status X We need to change the Rx levels to match the new Tx.					
					Proposed Response	Response Status O	Response Status 0			y the entries as
	·				BR40+ wer Max-5.6-6.	0				
					wer Min-27.2-2	-				
					ge Power-4.6-5					
					tivity OMA-25.0 sed OMA-22.7-2					
						o read: Measured w BR10 and BR40, a			al at TP3 (see 52.9.9.3 R20 and BR40+	
				Proposed	Response	Response Sta	tus O			

Pa **53** Li **1** 802.3cp D1.3 Bidirectional 10 Gb/s, 25 Gb/s, and 50 Gb/s Optical Access PHYs 4th Task Force review cor



Proposed Response Response Status **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed Z/withdrawn SORT ORDER: Page, Line

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