Please configure project comments										
C/ 45 SC 45.2.1.89 Ran, Adee	.6 P 36 Intel	L 15	# 7	Cl 128A Ran, Adee	SC 128A.3.	4.2 P 181 Intel	L 14	# 10		
Comment Type TR Comment Status A "The PMD signal detect function is optional see 70.6.4" is not stanards language. Also, looking at 70.6.4, this function is described as mandatory if EEE is implemented, which is what's writing in the original text. The amendment breaks this text. I suspect that the required text is included in the response to comment #11 against draft					Comment Type TR Comment Status A SNDR of 5.6 dB resulting from noise generated from a Gaussian noise source, if the transmitter and test channel do not create such low SNDR due to equalizable ISI, would make it impossible for a receiver to achieve BER<1e-12. It is well known that for an AWGN channel the required SNR for that performance is >17 dB. I assume the intent is to allow ISI from the transmitter (as specified in 128A.3.1.7), since					
2.1 but was not implemented correctly. SuggestedRemedy Replace the current text with the text in the resolution of comment #11 against D2.1: "The PMD signal detect function for both 1000BASE-X PCS (see 70.6.4) and 2.5GBASE-X PCS (see 128.6.4) is mandatory if EEE is implemented, and optional otherwise."					linear fitting is done with NP=3; but this is a bad way to allow that. It would be better not to require SNDR measurement from the test equipment and instead specify the additive Gaussian noise directly, as done in Annex 69B. Or use SNDR is it should be used, without equalizable ISI, to calculate how much noise should be added. The transmitter SNDR should also be limited to prevent very noisy transmitters from being compliant.					
Response Response Status C ACCEPT IN PRINCIPLE. Revert to D2.2 wording with correct editing instructions relative to base text.					SuggestedRemedy In the SNDR measurement in 128A.3.1.7 and 128A.3.3.3, change NP=3 to NP=100, or instead define a reference equalizer and apply it in the measurement.					
C/ 128A SC 128A Ran, Adee	P 167 Intel	L 14	# 9	In both as defir	In both places, set required SNDR to a reasonable value for BER<1e-12, such as >25 dB, as defined for the host test, Table 128A–3.					
Comment Type ER Comment Status A The text effectively reads "The compliance point definitions provide a unique partitioning of the channel defined in Annex 128A, such that the test points TP0D-H and TP0HD defined in this Annex are equivalent to TP1 defined in Annex 128A, and TP5D-H and TP5HD defined in this Annex are equivalent to TP4 defined in Annex 128A"					Alternatively, delete the SNDR subclause and specify the additive holse RMS directly; a suggested value is 8.1 mV as used in 10GBASE-KX4 (same Baud rate and similar channel budget). Implement similarly in annex 130A. Response Response Status U ACCEPT IN PRINCIPLE.					
After the change from (which are one and the are not defined in this a	128C to 128A the text refers to same) twice in the same sen annex - they are defined in 12	o "this annex" a tence. Also, TF 8B.	nd to "Annex 128A" 1 and TP4 (unqualified)	Change the specification methodology to use eye diagram(s) with a reference receiver and adjust the SNDR requirement accordingly.						
SuggestedRemedy Change "128A" to "128	B" (three times).									
Response ACCEPT.	Response Status U									

Comment ID 10

Please configure project comments

<i>Cl</i> 128A Ran, Adee	SC 128A.3.4.2	P 1 Intel	80	L 34	# <u>1</u> 1						
Comment Ty Wrong c	vpe ER cross reference t	<i>Comment Status</i> o Table 128C–1 - it	A does	s not define f1.							
Also in F	P175 L37.										
SuggestedR Change	e <i>medy</i> to Table 128B- ⁻	I in both places.									
Response ACCEPT	г.	Response Status	U								
Cl 130A Ran, Adee	SC 130A.1	P 2 Intel	05	L 14	# 12						
Comment Type ER Comment Status A The text refers to Annex 128C for channel partition and definitions of TP1 and TP4, but 128C is the text fixture annex. TP1 and TP4 are not defined in 128C - they are defined in 128B. SuggestedRemedy											
Change	"128C" to "128E	5" (three times)									
Response ACCEP	Г.	Response Status	U								
<i>Cl</i> 130A Ran, Adee	SC 130A.6.2	P 2 Intel	20	L 14	# 13						
Comment Type TR Comment Status A As stated in another comment on 128A, SNDR of 16 dB is still too low to enable BER<1e- 12. The value should be aligned with the host input and drive output values, 28 dB in this annex.											
SuggestedR In meas	e <i>medy</i> urement, change	e Np from 8 to 100	or de	fine a reference equ	alizer.						
Set requ	ired SNDR to >2	28 dB.									
Response ACCEP	T IN PRINCIPLE	Response Status	U								
See reso	See resolution in comment #10.										

Comment ID 13