C/ 1 SC 1.	3	P 32	L 14	# 50	C/ 120	SC 120	.5.7.2	P 103	L 44	# 56		
Lusted, Kent		Intel Corporat	tion		Slavick, Jef	f		Broadcom				
Comment Type	E Com	nment Status D		editorial (bucket1)	Comment T	ype TI	R	Comment Status D		editorial (bucket1)		
	P-DD MSA v4.2 was p://sfp-dd.com/wp-cor		0, not August 10, 2020 20/08/SFP-		pper PMD		rth paragph it has removed th	e requiremen	t of this paragraph for			
SuggestedRemedy						-	KR4/CI	R4 to the list in the first sente	nce			
Change the dat	e to August 17,	2020			Proposed R			Response Status W				
Proposed Respons PROPOSED A	•	onse Status W			,	SED ACC	CEPT.	Response Status W				
					C/ 120F	SC 120	F.3.1	P 212	L 50	# 47		
	20.5.7.2	P 102	L 30	# 55	Brown, Mat	t		Huawei				
Slavick, Jeff		Broadcom			Comment T	ype T		Comment Status D		editorial (bucket1)		
In the change t copper PMDs.		ph it has removed the	e requirement of	this paragraph for 50G		ter equali 1.4."		is repeated in both 120F.3.1 a y be configured via the trans				
		he list in both the first	and second ser	ntences.	00	he senter	nce in 1	20G.3.1.				
Proposed Respons PROPOSED A	1-	onse Status W			Proposed R PROPC	esponse SED ACC	CEPT.	Response Status W				
C/ 120 SC 12	20.5.7.2	P 102	L 45	# 54	C/ 120G	SC 120	G.1	P 229	L 2	# 16		
Slavick, Jeff		Broadcom			Dudek, Mike	Э		Marvell				
Comment Type	TR Con	nment Status D		editorial (bucket1)	Comment T	ype TI	R	Comment Status D		editorial (bucket1)		
		variables" and "by the			135.1.5	does not	appear	r to exist and if it did it is unlik	ely to include	these AUI's		
		ms to be too much si			SuggestedF	Remedv						
"precoder_tx_out_enable_i and precoder_rx_in_enable_i shall be set as determined in the LINK_READY state of the PMD control state diagram on lane i (see 136.8.11.7.5)"						Change the reference from 135.1.5 to 135.1.4 and make it a hot link and either remove the						
SuggestedRemedy		g		,				create a table that summarize				
	_enable_i shall	to be ""precoder_tx_d be set as determined see Fig 136-7)"			Proposed R PROPC	SED ACC		Response Status W N PRINCIPLE.				
Proposed Respons	e Resp	onse Status W						e to 80.1.5, not 135.1.5. .1.5" and make it an active c	oss-reference			
	CCEDT				Change	100.1.0	10 00					

PROPOSED ACCEPT.

C/ 120G SC 120G.1

C/ 120G SC 120G.1	P 229	L3	# 15	C/ 120G	50	120G.3.3	P 237	L 37	# 138	
Dudek, Mike	Marvell	23	# 15	Ran, Adee	50	1200.3.3	Intel	L 31	# 130	
Comment Type E	Comment Status D		editorial (bucket1)	Comment T	vpe	т	Comment Status D		TP4a/TPRLCD (bucket1	
Clause 116.1.4 is inclu	ded in the draft and should b	be a hot link	(1111)	For module output (120G.3.2, table 120G-3), host input (120G.3.3, table 120G-6), and						
SuggestedRemedy Make this a hot link.							, table 120G-9), the referen min)" is incorrect - 120G.3.1			
Proposed Response PROPOSED ACCEPT	Response Status W			There is output.	s one s	subclause	that discusses RLCD, 1200	G.3.1.1, but it is	currently specific to host	
				SuggestedF						
C/ 120G SC 120G.1	P 229	L 5	# 21	Change	e refere	ence from	120G.3.1.2 to 120G.3.1.1 i	n the 3 tables.		
Dudek, Mike	Marvell			Rephra	se the	text in 12	0G.3.1.1 to refer to both ho	and module,	output and input.	
Comment Type E	Comment Status D		editorial (bucket1)	Proposed R	Respon	ise	Response Status W			
Annex 135A and 120A	are part of this draft.						IN PRINCIPLE.			
SuggestedRemedy							3.1.2 is incorrect and should			
Make these references	hot links.						mon to refer to specificatio referenced subclause. No			
Proposed Response	Response Status W			required	-					
PROPOSED ACCEPT				For RL0 120G.3		Table 120	G-3, Table 120G-6, and Tal	ole 120G-9, cha	inge the reference to	
C/ 120G SC 120G.3.2	P 234	L 10	# 13	C/ 120G.3		120G.5.2	P 246	L 23	# 4	
Dudek, Mike	Marvell			Mellitz, Rich		1200.3.2	Samtec	L Z 3	# 4	
Comment Type T	Comment Status D		editorial (bucket1)	Comment T		TR	Comment Status D		EO method (bucket1	
	n near and far eye measurer	nents in table 12	20G-3 are to the host				2 Eye opening measuremen	t method indic	, ,	
output. They should be	e to the module output						nd not "within 0.025 UI of tir			
SuggestedRemedy							ved with "Alt. 2" with TBD =		ealey_3ck_02_1020	
Change the reference f	rom 120G.3.1.5 to 120G.3.2	2.2			0		und Ts for histogram meas	irements.		
Proposed Response	Response Status W			SuggestedF						
PROPOSED ACCEPT	-						0.025 UI of time Tcmid from	steps h and j	n 120G.5.2	
In Table 120G-3, for ro from "120G.3.1.5" to "1	ws for NE EH, NE VEC, FE	EH, and FE VE	C change the reference	Proposed R	•		Response Status W			
	200.3.2.2 .			The refe no long Change	erence er rele e: 'and	e text is int vant. How I not "withi	IN PRINCIPLE. ended to point out that the rever, as written it is somew in 0.025 UI of time TCmid''' .025 UI of time TCmid'''			

C/ 120G SC 120G.5.2

C/ 136 S	SC 136.8.11.	.7.1	P 114	L 37	# 48	C/ 136	SC	136.8.11.7	.1	P 114	L 39	# 52
Lusted, Kent			Intel Corporati	ion		Slavick, Je	eff			Broadcom		
Comment Typ	e TR	Commer	nt Status D		training (bucket1)	Comment 7	Туре	TR	Comment	Status D		training (bucket1
https://ww "use_quie setting of	t_in_training' FALSE for 50	g/3/ck/public ' was define) Gb/s per la	c/20_10/lusted_3o d in Clause 136.8 ane PHYs. Howev	.11.7.1. This va ver, no specific	f, a new variable ariable has an explicit mention of the variable usion in the industry as	indicate confusi happer	es acc sing sin ns whe	ess to the s ce a boolea n it's TRUE	state is allow an is either T	ed. So the "and	d is set to FALS	s. When TRUE it SE otherwise" is just entence is defining what
			se_quiet_in_traini			Suggested		-				the definition of
		s intended to	be mandatory fo	r 100 Gb/s per	lane PHYs.			training	ALSE otherv	vise from the fi	rst sentence in	the definition of
SuggestedRei	-					Proposed F		- 0	Response	Status W		
h) the vari	iable [´] "use_qu		the list as follows: ing" (see 136.8.11		set to TRUE for 100		•	ACCEPT.	Response			
Gb/s per la Proposed Res	ane PHYs."	Pesnons	e Status W			C/ 162	SC	162.8.11		P 150	L 34	# 49
•	ED ACCEPT	,				Lusted, Ke	ent			Intel Corporat	ion	
	ising the resp	-				Comment 7	Туре	TR	Comment	Status D		training (bucket1
												nolitude, litter, etc out
features to 50G PHY SuggestedRer Change th always se Proposed Res	t of the new C o avoid the de types. <i>medy</i> ne last senter t to FALSE for sponse	QUIET state eadlock situa nce of the us pr 50 Gb/s p <i>Response</i>	ation. So the QUI se_quiet_in_trainir er lane PHYs, oth e Status W	ET state should	training (bucket1) bed PHYs will use this d mandatory except for read as "This variable is o TRUE	does n frames require Suggested Change frames Proposed F	not have s during ements IRemed le item s at the Respor	e a valid tra g startup are dy g) to be " PMD input	aining frame e malformed . provided th	format. It is pos logically yet me at there is a cor	ssible that a fev eet the electrica	nplitude, jitter, etc but w of the first training al compliance containing valid training
Comment Typ The intent features to 50G PHY SuggestedRer Change th always se Proposed Res PROPOSI	t of the new C o avoid the de types. medy ne last senter t to FALSE for sponse ED ACCEPT	QUIET state eadlock situa nce of the us or 50 Gb/s p <i>Response</i> IN PRINCIF	nt Status D is to make it so all ation. So the QUI se_quiet_in_trainir er lane PHYs, oth e Status W PLE.	ET state should	ed PHYs will use this d mandatory except for read as "This variable is o TRUE	does n frames require Suggested Change frames Proposed F	ot have s during ements IRemed le item s at the Respor OSED	e a valid tra startup are dy g) to be " PMD input nse	aining frame e malformed . provided th t." <i>Response</i> :	format. It is pos logically yet me at there is a cor	ssible that a fev eet the electrica	w of the first training al compliance
Comment Typ The intent features to 50G PHY SuggestedRer Change th always se Proposed Res PROPOSI Change th	t of the new C o avoid the de types. medy ne last senter t to FALSE for sponse ED ACCEPT ne last senter	QUIET state eadlock situa nce of the us or 50 Gb/s p <i>Response</i> IN PRINCIF nce of the us	nt Status D is to make it so all ation. So the QUI se_quiet_in_trainir er lane PHYs, oth e Status W PLE.	ET state should ng definition to r erwise it's set to ng definition to r	ed PHYs will use this d mandatory except for read as "This variable is o TRUE read as "This variable is	does no frames require Suggested Change frames Proposed F PROPO	ot have s during ements Remed s at the Respor OSED SC	e a valid tra g startup are dy g) to be " PMD input nse ACCEPT.	aining frame e malformed . provided th t." <i>Response</i> :	format. It is pos logically yet me at there is a cor Status W	ssible that a fev eet the electrica mpliant signal c	w of the first training al compliance containing valid training
Comment Typ The intent features to 50G PHY uggestedRer Change th always se Proposed Res PROPOSI Change th	t of the new C o avoid the de types. medy ne last senter t to FALSE for sponse ED ACCEPT ne last senter	QUIET state eadlock situa nce of the us or 50 Gb/s p <i>Response</i> IN PRINCIF nce of the us	nt Status D is to make it so all ation. So the QUI se_quiet_in_trainir er lane PHYs, oth e Status W PLE. se_quiet_in_trainir	ET state should ng definition to r erwise it's set to ng definition to r	ed PHYs will use this d mandatory except for read as "This variable is o TRUE read as "This variable is	does no frames require Suggested Change frames Proposed F PROP(Cl 162	at have s during ements IRemed le item s at the Respor OSED SC _in	e a valid tra g startup are dy g) to be " PMD input nse ACCEPT.	aining frame e malformed . provided th t." <i>Response</i> :	format. It is pos logically yet me at there is a cor Status W P 155 MediaTek	ssible that a fev eet the electrica mpliant signal c	w of the first training al compliance containing valid training # <u>59</u>
Comment Typ The intent features to 50G PHY SuggestedRer Change th always se Proposed Res PROPOSI Change th	t of the new C o avoid the de types. medy ne last senter t to FALSE for sponse ED ACCEPT ne last senter	QUIET state eadlock situa nce of the us or 50 Gb/s p <i>Response</i> IN PRINCIF nce of the us	nt Status D is to make it so all ation. So the QUI se_quiet_in_trainir er lane PHYs, oth e Status W PLE. se_quiet_in_trainir	ET state should ng definition to r erwise it's set to ng definition to r	ed PHYs will use this d mandatory except for read as "This variable is o TRUE read as "This variable is	does no frames require Suggested Change frames Proposed F PROPO Cl 162 Wu, Mau-L Comment T The ste	at have s during ements (Remed le item s at the Respor OSED SC Lin Type ep size	e a valid tra g startup are dy g) to be " PMD input nse ACCEPT. 162.9.3.1.4 T t of TX EQ (aining frame e malformed . provided th t." <i>Response</i> 3 1 Comment	format. It is pos logically yet me at there is a cor Status W P155 MediaTek Status D ad been change	ssible that a fev eet the electrica mpliant signal c	w of the first training al compliance containing valid training
Comment Typ The intent features to 50G PHY SuggestedRer Change th always se Proposed Res PROPOSI Change th	t of the new C o avoid the de types. medy ne last senter t to FALSE for sponse ED ACCEPT ne last senter	QUIET state eadlock situa nce of the us or 50 Gb/s p <i>Response</i> IN PRINCIF nce of the us	nt Status D is to make it so all ation. So the QUI se_quiet_in_trainir er lane PHYs, oth e Status W PLE. se_quiet_in_trainir	ET state should ng definition to r erwise it's set to ng definition to r	ed PHYs will use this d mandatory except for read as "This variable is o TRUE read as "This variable is	does no frames require Suggested Change frames Proposed F PROPO Cl 162 Wu, Mau-L Comment T The ste	at have s during ements (Remed is at the Respor OSED SC _in Type ep size ize" sha	e a valid tra g startup are dy g) to be " PMD input nse ACCEPT. 162.9.3.1.4 T of TX EQ of all be modif	aining frame e malformed . provided th t." <i>Response</i> 3 4 <i>Comment</i> coefficient ha	format. It is pos logically yet me at there is a cor Status W P155 MediaTek Status D ad been change	ssible that a fev eet the electrica mpliant signal c	w of the first training al compliance containing valid training # <u>59</u> <i>TX EQ (bucket1</i>
Comment Typ The intent features to 50G PHY SuggestedRer Change th always se Proposed Res PROPOSI Change th	t of the new C o avoid the de types. medy ne last senter t to FALSE for sponse ED ACCEPT ne last senter	QUIET state eadlock situa nce of the us or 50 Gb/s p <i>Response</i> IN PRINCIF nce of the us	nt Status D is to make it so all ation. So the QUI se_quiet_in_trainir er lane PHYs, oth e Status W PLE. se_quiet_in_trainir	ET state should ng definition to r erwise it's set to ng definition to r	ed PHYs will use this d mandatory except for read as "This variable is o TRUE read as "This variable is	does no frames require Suggested Change frames Proposed F PROPO Cl 162 Wu, Mau-L Comment T The ste step siz Suggested Change	and have s during ements (Remedie is at the Resport OSED SC in Type ep size ize" sha (Remedie ie < t	e a valid tra g startup ard dy g) to be " PMD input nse ACCEPT. 162.9.3.1.4 T of TX EQ of all be modif dy o a request	aining frame e malformed . provided th t." <i>Response</i> 3 1 <i>Comment</i> coefficient ha ied from 0.0 t to "increme	format. It is positive format. It is positive format. It is positive for a constant of the second status W P 155 MediaTek Status D ad been change 2 to 0.025.	ssible that a feve eet the electricator mpliant signal of <i>L</i> 46 ed from 2% to 2 ween 0.005 and	w of the first training al compliance containing valid training # <u>59</u> <i>TX EQ (bucket</i>)

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: Clause, Subclause, page, line

Cl	162
SC	162.9.3.1.4

C/ 162 SC 162.9.3.1.4 P 155 L 47 # 60	C/ 162 SC 162.9.3.3 P 156 L 31 # 142
Wu, Mau-Lin MediaTek	Dawe, Piers Nvidia
Comment Type T Comment Status D TX EQ (bucket	1) Comment Type T Comment Status D TX SNDR (bucket1
The step size of TX EQ coefficient had been changed from 2% to 2.5%. The "coefficient	The transmitter SNDR measurement uses the method described in
step size" shall be modified from -0.02 to -0.025.	SuggestedRemedy
SuggestedRemedy Change < to a request to "decrement" shall be between -0.02 and -0.005.> to < to a	Transmitter SNDR is defined by the [measurement] method {of described in}
request to "decrement" shall be between -0.025 and -0.005.>.	Proposed Response Response Status W
Proposed Response Response Status W	PROPOSED ACCEPT IN PRINCIPLE.
PROPOSED ACCEPT.	Change: "The transmitter SNDR measurement uses the method described in 120D.3.1.6 with the
C/ 162 SC 162.9.4.1 P 158 L 23 # 46	exception that the linear fit procedure in 162.9.3.1.1 is used."
	To: "The transmitter SNDR is defined by the the measurement method described in 120D.3.1.6
Brown, Matt Huawei Comment Type T Comment Status D rate tolerance (bucket	with the exception that the linear fit procedure in 162.9.3.1.1 is used."
Comment Type T Comment Status D rate tolerance (bucket The list of related subclauses should include 162.9.4.2.	C/ 162A SC 162A.2 P 253 L 24 # 57
Suggested Remedy	Wu, Mau-Lin MediaTek
Change "162.9.4.3 and 162.9.4.4" to "162.9.4.2, 162.9.4.3, and 162.9.4.4".	Comment Type T Comment Status D editorial (bucket)
Proposed Response Response Status \mathbf{W}	TP0a had been replaced by TP0v in Clause 163.9.2.
PROPOSED ACCEPT.	SuggestedRemedy
	 Change "The recommended transmitter characteristics at TP0 as measured at TP0a are
C/ 162 SC 162.11.7.2 P171 L1 # 95	described in 163.9.2." shall be changed to "The recommended transmitter characteristics
Haser, Alex Molex	at TP0 as measured at TP0v are described in 163.9.2."
Comment Type E Comment Status D COM XTALK (bucket	1) Proposed Response Response Status W PROPOSED ACCEPT.
"The crosstalk paths for each MDI type are given in Table"; the table specifies the number of crosstalk paths, not the paths themselves	
Suggested Remedy	CI 162A SC 162A.3 P 253 L 29 # 58
Change text to "The number of crosstalk paths of each MDI"	Wu, Mau-Lin MediaTek
Proposed Response Response Status W	Comment Type T Comment Status D editorial (bucket1
PROPOSED ACCEPT.	TP5a had been replaced by TP5v in Clause 163.9.3.
	SuggestedRemedy
	Change "The recommended receiver characteristics at TP5 as measured at TP5a are described in 163.9.3." shall be changed to "The recommended receiver characteristics at TP5 as measured at TP5v are described in 163.9.3."
	Proposed Response Response Status W

CI 162B SC 162B.	.1 P 259	L 17	# 6	C/ 162B	SC 162B.1.3	2 P 262	L 41	# 7
Dudek, Mike	Marvell			Dudek, Mike		Marvell		
Comment Type TR	Comment Status D		test fixture (bucket1)	Comment Typ	pe T	Comment Status D	ИT	FERL reference (bucket1)
	at TP1 or TP4 etc. are made w mated test fixture (162B.1.3)	ith the Cable As	sembly Test fixture	Table 162 SuggestedRe		d to crosstalk parameters not E	RL	
SuggestedRemedy				66	,	B-1 (two places0		
5	162B.1.3 to 162B.1.2			Proposed Re	sponse	Response Status W		
Proposed Response PROPOSED ACCE	Response Status W			PROPOS	SED ACCEPT			
C/ 162B SC 162B.	1 P 259	L 17	# 22		SC 162C.2.2	P 275	L 12	# 43
Dudek. Mike	Marvell			Brown, Matt		Huawei		
Comment Type TR	Comment Status D		test fixture (bucket1)	Comment Typ		Comment Status D		MDI graphic (bucket1
51	at TP2 or TP3 etc. are made w	rith the Test fixtu			-	162C-3 and Figure 162C-44 are	e missing.	
mated test fixture (?			,	SuggestedRe				
SuggestedRemedy				Provide g	raphics.			
On line 17 change	162B.1.3 to 162B.1.1			Proposed Re	,	Response Status W		
Proposed Response PROPOSED ACCE	Response Status W			Insert gra		IN PRINCIPLE. d in the following presentation:		
C/ 162B SC 162B.	1.3.6 P 265	L 36	# 100	C/ 162D	SC 162D.1.1	P 283	L 31	# 9
Haser, Alex	Molex			Dudek, Mike		Marvell		
Comment Type ER CMDRL(f) is define	Comment Status D d as common-mode return loss:		TF RLDC name (bucket?)	Comment Typ The 1000		Comment Status D the Title of Table 162D-3 shou	ıld be 200G	editorial (bucket1, BASE-CR2.
SuggestedRemedy Define CMDRL(f) a	s common-mode to differential I	node return loss		SuggestedRe Change i				
Proposed Response PROPOSED ACCE	Response Status W				SED ACCEPT	Response Status W IN PRINCIPLE. 62D-3 to "200GBASE-CR2".		

C/ 162D SC 162D.1.1

C/ 163	SC 163.9.2.3	P 187	L 16	# 66	C/ 163B	SC 163B.2	P 291	L 9	# 12
Healey, Ac	dam	Broadcom Inc			Dudek, Mike		Marvell		
Comment	Туре Е	Comment Status D		(bucket1)	Comment Typ	e TR	Comment Status D	"PO	v/TP5v example (bucket1)
Subcla Suggested	ause title is incorr	rect.			With this clause the	example test at provides th	fixture moved to an Annex it a package parameters etc.	is necessary to	refer to the relevant
	-	to "Difference steady-state vo	oltage"		SuggestedRe	medy			
Proposed I		Response Status W	Jilage .		methodol values de	ogy in 163A.3 termined acc	ixture, the reference values d 3 are listed in Table 163B–1" cording to the methodology in d in Table 163B–1"	to "For this tes	t fixture, the reference
C/ 163	SC 163.10.1	P 190	L 26	# 137	Proposed Res	sponse	Response Status W		
Ran, Adee	•	Intel				, ED ACCEPT	,		
Comment	Туре Е	Comment Status D		editorial (bucket1)					
There Suggested Move t subcla Consic Proposed I PROP Move t subcla Adding	are additional rea (Remedy the second paragonal use 163.10. der adding a sum Response OSED ACCEPT the second paragonal use 163.10. Impl	graph (which points to 163.10. lement with editorial license. le may be an improvement to S.	2 and 163.10.3 Tx and Rx cha 2 and 163.10.3	 a) to the parent aracteristics. a) to the parent 					
Dudek, Mil		Marvell							
Comment	Type E	Comment Status D "in" and "93A.5"		editorial (bucket1)					
S <i>uggested</i> fix it	Remedy								
Proposed PROP	Response OSED ACCEPT.	Response Status W							

C/ 163B SC 163B.2