C/ FM	SC FM	P1	L 29	# 50	C/ FM	SC FM	P 8	L 24	# 52
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		oproved during the March SAS	B meeting and	should be referenced	The W	G ballot group is	s now known, please fill in so	that names can	be reviewed.
	e year 2023.				Suggested	Remedy			
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C/ FM	SC FM	P 4	L 21	# 51	D'Ambrosia	a, John	Futurewei, US	S Subsidiary of H	luawei
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/ FM	SC FM	 P8	L12	# 71	Grow, Rob		Self	201	" 00
)'Ambrosia		Futurewei, US			Comment 7	уре Е	Comment Status D		(bucket1
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1. Mod					"for opt	ical automotive	Ethernet using graded-index	glass optical fibe	er."
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	usted, IEEE P80	02.3df "Electrical" Sub-task For 023df "Architecture and Logic"		e Chair					
	Gustlin, IEEE P8	6							
Kent Li Mark G		Response Status W							
Kent Lu Mark G Proposed F		,							

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G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Clause, Subclause, page, line

C/ FM SC FM Page 1 of 13 2023-05-05 6:44:33 AM

C/ FM	SC FM	P 12	L 47	# 54	C/ 1	SC 1.4.184h	P 31	L 37	# 56
Dudek, Mik	ke	Marvell			Dudek, M	ike	Marvell		
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udek, Mik	ke	Marvell			Brown. Ma		, 32 Huawei	LI	# 47
omment T	Туре Е	Comment Status D		(bucket1)	Comment		Comment Status D		(bucket1
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C/ 1 SC **1.4.461**

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Schreiner, Stephan		Rosenberger	Hochfrequenzte	chnik GmbH & Co. KG	Slavick, Je	eff		Broadcom		
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	efore newly adde	ed entry. Same or	n line 19. The sa	me applies to Table 45-				en defining which variabl given variable and the cl		mormation. Just
12			n line 19. The sa	me applies to Table 45-		e the clause				niomation. Just
12		ed entry. Same or e Status W	n line 19. The sa	me applies to Table 45-	provid Suggested	e the clause IRemedy	es those		ause numbers.	
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12 Proposed Response PROPOSED ACCE Cl 45 SC 45.2.: Slavick, Jeff Comment Type TR Listing the number information provide updated as new rat SuggestedRemedy Remove the last pa Proposed Response PROPOSED ACCE	Respons EPT. 3.25 Comment of PCS lanes for ed in the actual F tes or PCS conf aragraph that be Respons EPT.	e Status W P60 Broadcom nt Status D or each PCS type PCS clause. Thi igurations are add egins with Clause e Status W	L1 e in Clause 45 jus is text is likely to ded.	# <u>17</u> (<i>bucket1</i>) st adds duplication of	provid Suggested Chang (see 8 Proposed PROP Chang 119.2. [Editor Cl 45 Slavick, Je Comment The cl counte Suggested	e the clause (Remedy le the last s 2.2.19.2.2, Response OSED ACC le to: "This l 6.2.2 and 1 d's note: cha SC 45.2 SC 45.2 eff Type TF ause 45 reg er exists is f (Remedy ve the word	entence 119.2.6. EEPT IN bit reflec 72.2.6.2 nged pa .3.48a sisters al unctiona	given variable and the cl to read "This bit reflects 2.2, or 172.2.6.2.2)." <i>Response Status</i> W PRINCIPLE. the state of am_lock[0 .2)." age/line from 0/0 to 60/14 P62 Broadcom <i>Comment Status</i> D re containers for informat al Clause dependency not	ause numbers. the state of am_] (see 82.2.19.2.] <i>L</i> 43 ion the other clauter the the state of the stat	lock[0] or amps_lock[0] 2) or amps_lock[0] (see # [<u>19</u> <i>(bucket1)</i> uses have. Whether a
12 Proposed Response PROPOSED ACCE Cl 45 SC 45.2.: Slavick, Jeff Comment Type TR Listing the number information provide updated as new rat SuggestedRemedy Remove the last pa Proposed Response PROPOSED ACCE	Respons EPT. 3.25 Comment of PCS lanes for ed in the actual F tes or PCS conf aragraph that be Respons EPT.	e Status W P60 Broadcom nt Status D or each PCS type PCS clause. Thi igurations are add egins with Clause e Status W	L1 e in Clause 45 jus is text is likely to ded.	# <u>17</u> (<i>bucket1</i>) st adds duplication of	provid Suggested Chang (see 8 Proposed PROP Chang 119.2. [Editor C/ 45 Slavick, Je Comment The cl counte Suggested Remo Proposed PROP	e the clause (Remedy le the last s 2.2.19.2.2, Response OSED ACC e to: "This I 6.2.2 and 1 's note: cha SC 45.2 eff Type TF ause 45 rece er exists is f (Remedy ve the word Response OSED ACC	entence 119.2.6. EEPT IN Dit reflec 72.2.6.2 Inged pa .3.48a isters al unctiona "optiona	given variable and the cl to read "This bit reflects 2.2, or 172.2.6.2.2)." <i>Response Status</i> W PRINCIPLE. tts the state of am_lock[0 .2)." age/line from 0/0 to 60/14 <i>P</i> 62 Broadcom <i>Comment Status</i> D re containers for informat al Clause dependency not	ause numbers. the state of am_] (see 82.2.19.2.] <i>L</i> 43 ion the other clau t a Clause 45 dep e	lock[0] or amps_lock[0] 2) or amps_lock[0] (see # [<u>19</u> <i>(bucket1)</i> uses have. Whether a

C/ **45** SC **45.2.3.48a**

Cl 45	SC 45.2.4.15	P 68	L 36	# 20	C/ 45	SC 45.2.5.16	a P81	L 45	# 22
Slavick, Jei	ff	Broadcom			Slavick, Je	ff	Broadcom		
Comment 7		Comment Status D		(bucket1)	Comment 7	ype TR	Comment Status D		(bucket1)
		hen defining which variable e given variable and the cla		nformation. Just			are containers for information of the second seco		
Suggestedl	Remedy				Suggestedl	Remedy			
		e to read "This bit reflects th	e state of amps	s_lock[0] (see	Remov	e the word "opti	onal" in the second senter	ice	
Proposed F	5.2.2, or 172.2.6.2	,			Proposed F	Response	Response Status W		
,	SED ACCEPT IN	Response Status W			PROPO	DSED ACCEPT			
Change		cts the state of amps_lock[(0] (see 119.2.6.	2.2 and 172.2.6.2.2)."	[Editor'	s note: changed	page/line from 0/0 to 81/4	5]	
	Ū.				C/ 45	SC 45.2.5.16	a P81	L 49	# 11
[Editor'	s note: changed p	age/line from 0/0 to 60/1]			Ewen, Johr	ı	Independe	nt	
C/ 45	SC 45.2.4.15	P 68	L 47	# 21	Comment 7	<i>уре</i> Е	Comment Status D		(bucket1)
Slavick, Jei	ff	Broadcom			•	0	refers to registers 4.300 to	4.302; however, t	ne subclause is
Comment 7	Type TR	Comment Status D		(bucket1)	-	g registers 5.300	0 to 5.302		
informa	ation provided in th	S lanes for each PCS type ne actual PCS clause. This PCS configurations are add	text is likely to		Suggestedl Change paragra	e 4.300 - 4.302 t	o 5.300 - 5.302 respective	ly in first sentence	of second sub-clause
Suggestedl	Remedy				Proposed F	Response	Response Status W		
Remov	e the last paragra	ph that begins with Clause	119		PROPO	DSED ACCEPT			
Proposed F	Response	Response Status W			C/ 93A	SC 93A.1	P 245	L 54	# 9
PROPO	OSED ACCEPT.				Lusted, Kei		Intel Corpo		" 5
[Editor'	s note: changed p	age/line from 0/0 to 68/47]			Comment 7		Comment Status D	lation	(bucket1)
C/ 45	SC 45.2.4.16a	P71	L 45	# 23	Table 9	3A "Physical La	yer specificiations that err ck-2022, does not contain		
Slavick, Je	ff	Broadcom			Suggestedl	Remedy			
Comment 7	Type TR	Comment Status D		(bucket1)	Update	the table to incl	ude the following Physical	Layer references	and Parameter values:
		are containers for informatio al Clause dependency not a			800GB	ASE-CR8 (Clau	x 120F) Table 120F-8 se 162) Table 162-20		
Suggestedl	Remedy						se 163) Table 163-11		
Remov	e the word "option	al" in the second sentence			Proposed F		Response Status W		
Proposed F	Response	Response Status W				DSED ACCEPT Inex 93A to the	-		
PROPO	OSED ACCEPT.				In 93A.	1 add the instru	ction "Change Table 93A–	2 (as amended by	802.3ck-2022) as
[Editor	s note: changed p	age/line from 0/0 to 71/45]			Insert r	`	ed rows not shown):" gested remedy, after the la I license.	ast row for 400GAL	JI-4 C2C (Annex 120F).

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 U/unsatisfied Z/withdrawn SORT ORDER: Clause, Subclause, page, line

01.400	00 400 5 44 5	Dee	1.40	"	0. 404	00 404 45 5	Dias	1.10	" [
C/ 120	SC 120.5.11.2	P 98	L13	# 15	C/ 124	SC 124.12.2	P123	L 42	# 87
Ran, Adee		Cisco			Dawe, Pie		Nvidia		
Comment T	,,	Comment Status D		(bucket1)	Comment	51	Comment Status D		(bucket1)
		d in 120.5.11.2.1, 120.5.11	.2.2, 120.5.11.2	.3, and 120.5.11.2.4 are	Missin	g 124.12.3 Majo	r capabilities/options		
	without precoding	y. 120.5.11.2.a (PRBS9Q tes	t pattern added	in 802.3ck).	Suggested	Remedy			
SuggestedF					Add m	ajor options for t	he four PMD types		
	0.5.11.2.a.				Proposed	Response	Response Status W		
Proposed R		Desmanas Clature MI			PROP	OSED ACCEPT	IN PRINCIPLE.		
•	OSED ACCEPT.	Response Status W			Resolv	ve using the resp	onse to comment #45.		
PROPU	JSED ACCEPT.				C/ 124	SC 124.12.4	P 124	L11	# 45
C/ 124	SC 124.5.4	P106	L10	# 42	Brown, Ma	att	Huawei		
Schreiner, S	Stephan	Rosenberger	Hochfrequenzte	chnik GmbH & Co. KG	Comment	Type E	Comment Status D		(bucket1)
Comment T	<i>⊽pe</i> E J Bracket 3x"(" but	Comment Status D t only 2x")"		(bucket1)			PICS item nicknames DR1 a and a different variable will r		
SuggestedF	Remedy				Suggested	Remedy			
Insert B	Bracket at the End	of Line 11					us lable (like "*MD") for eacl		
Proposed R	Response	Response Status W					.3a, 124.12.4.3b, and 124.1 s such that they are unique	2.4.3c	
	DSED ACCEPT.						the new status variables		
					Proposed	Response	Response Status W		
C/ 124	SC 124.8.1	P115	L 8	# 3	PROP	OSED ACCEPT	IN PRINCIPLE.		
Nicholl, Sha	awn	AMD			Impler	ment proposed re	medy with editorial license.		
Comment T		Comment Status D		test pattern (bucket1)	C/ 124	SC 124.12.4.	P125	L35	# 92
		ne Wavelength row contain 800GBASER signal". Curre			Dawe. Pie	rs	Nvidia		
		BASE-R signal, and not to t			Comment		Comment Status D		(bucket1)
SuggestedF		0		5			G MDIs because the IEC co	nnector reference	()
00		3, 4, 5, 6, or valid 400GBAS	SE-R signal or v	alid 800GBASER			e performance spec.		
signal".					Suggested	Remedy			
0''					00	omment			
	comment for rows	s pertaining to "Side mode : parameter.	suppression rati	o" parameter and to	Proposed	Response	Response Status W		
Proposed R		Response Status W			,	OSED ACCEPT	,		
•	DSED ACCEPT IN	•			-		medy with editorial license		
		, 3, 4, 5, 6, or valid 400GB	ASE-R or 800GI	BASE-R signal".					
Implem	ent with editorial I			-					
See cor	mment #94.								

C/ 124 SC 124.12.4.

C/ 124	SC 124.12.4.1	P 124	L 3	# 88	C/ 124 SC 124.12	.4.4 P125	L 21	# 91
awe, Piers	5	Nvidia			Dawe, Piers	Nvidia		
<i>comment T</i> F1 Com		Comment Status D BASE-R PCS and PMA		(bucket1)	Comment Type E The status of OM9 to	Comment Status D O OM12 should depend on the r	major option for	<i>(bucket1)</i> PMD type
S <i>uggestedF</i> Modify t	Remedy o include 800G				SuggestedRemedy Per comment			
	, SED ACCEPT IN	Response Status W PRINCIPLE. edy with editorial license			Proposed Response PROPOSED ACCE Resolve using the re	Response Status W PT IN PRINCIPLE. sponse to comment #45.		
C/ 124	SC 124.12.4.3a	n P 124	L11	# 89	C/ 162 SC 162.14	.4.2 P139	L 52	# 7
awe, Piers	6	Nvidia			Lusted, Kent	Intel Corpora	tion	
adjusteo subclau	ably the "status" d to the PMD type se: "400GBASE-I	Comment Status D criterion in each of these fo e major options. Also, they DR4-2 transmitter meets sp	could be combi	ned as one table in one	2022, has an incorre	Comment Status D PMD control function" the base of reference to the relevant sub f the new item (h) in 3df 162.6.	clause for the tr	aining pattern entries
SuggestedF	2				SuggestedRemedy	100.		
Per con		-			00 ,	MD Control Function PICS iten	ns as follows:	
	SED ACCEPT IN	Response Status W I PRINCIPLE. ing the response to comme	ent #45		For Item 'PC2': - update the subclau - update value/comm	se to be 162.8.11.1 nent to reference Table 162-10a	a	
C/ 124	SC 124.12.4.4	P 125	L 1	# 90	For Item 'PC3':			
Dawe, Piers	6	Nvidia			 update the subclau 	se to be 162.8.11.1		
Comment T	ype E	Comment Status D		(bucket1)	Proposed Response	Response Status W		
we spec parame away fro requirer	ters are and how ters are and how om this in Clause	cal measurement methods' we don't; we specify param they might be determined b 52, where this subclause w 52.9. But 124.8 is called "[neter limits and by measuremen vas called "Opti	explain what the t. We started to move cal measurement	PROPOSED ACCE Add 162.14.4.2 from suggested remedy.	PT IN PRINCIPLE. the base document and amen	d table items PC	2 and PC3 per the
SuggestedF	Remedy							
Change method	•	ement methods" to "Optical	parameters an	d measurement				
Proposed R	esponse	Response Status W						
		h similar clauses, e.g. Clau PICS items listed in the tabl		e of this subclause is				

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 U/unsatisfied Z/withdrawn SORT ORDER: Clause, Subclause, page, line C/ 162 SC 162.14.4.2 Page 6 of 13 2023-05-05 6:44:33 AM

Lusted, Kent Intel Corporation Comment Type TR Comment Status D The PICS table for "PMD control function" the base document, 2022, has an incorrect reference to the relevant subclause for t due to the addition of the new item (h) in 3df 162.6.11 and the rincluding Table 162-10a. SuggestedRemedy Update 163.13.4.2 PMD Control Function PICS items as follow For Item 'PC2': - update the subclause to be 162.8.11.1 - update value/comment to reference Table 162-10a	he training pattern entries new sub-clause 162.8.11.1,	Dawe, Piers Nvidia Comment Type T Comment Status D test pattern (b) For the transmitter, we aren't talking about an optical signal but the pattern the transmis transmitting, which does not depend on V vs. S. It is not stated what "valid" means One could assume it means the same as compliant, in which case it adds nothing. The table entry has become very long. We can simplify: 3, 4, 5, 6, or valid 100GBASE-VR1, 200GBASE-VR2, 400GBASE-VR4, 800GBASE-VR4, 100GBASE-SR1, 200GBASE-SR2, 400GBASE-SR4, or 800GBASE-SR8 signal to
The PICS table for "PMD control function" the base document, 2022, has an incorrect reference to the relevant subclause for t due to the addition of the new item (h) in 3df 162.6.11 and the rincluding Table 162-10a. <i>SuggestedRemedy</i> Update 163.13.4.2 PMD Control Function PICS items as follow For Item 'PC2': - update the subclause to be 162.8.11.1	as amended by Std 802.3ck- he training pattern entries new sub-clause 162.8.11.1,	For the transmitter, we aren't talking about an optical signal but the pattern the transm is transmitting, which does not depend on V vs. S. It is not stated what "valid" means One could assume it means the same as compliant, in which case it adds nothing. The table entry has become very long. We can simplify: 3, 4, 5, 6, or valid 100GBASE-VR1, 200GBASE-VR2, 400GBASE-VR4, 800GBASE-V 100GBASE-SR1, 200GBASE-SR2, 400GBASE-SR4, or 800GBASE-SR8 signal to
2022, has an incorrect reference to the relevant subclause for t due to the addition of the new item (h) in 3df 162.6.11 and the including Table 162-10a. SuggestedRemedy Update 163.13.4.2 PMD Control Function PICS items as follow For Item 'PC2': - update the subclause to be 162.8.11.1	he training pattern entries new sub-clause 162.8.11.1,	is transmitting, which does not depend on V vs. S. It is not stated what "valid" means One could assume it means the same as compliant, in which case it adds nothing. Th table entry has become very long. We can simplify: 3, 4, 5, 6, or valid 100GBASE-VR1, 200GBASE-VR2, 400GBASE-VR4, 800GBASE-V 100GBASE-SR1, 200GBASE-SR2, 400GBASE-SR4, or 800GBASE-SR8 signal to
Update 163.13.4.2 PMD Control Function PICS items as follow For Item 'PC2': - update the subclause to be 162.8.11.1	s:	3, 4, 5, 6, or valid 100GBASE-VR1, 200GBASE-VR2, 400GBASE-VR4, 800GBASE-V 100GBASE-SR1, 200GBASE-SR2, 400GBASE-SR4, or 800GBASE-SR8 signal to
For Item 'PC2': - update the subclause to be 162.8.11.1	S:	to
- update the subclause to be 162.8.11.1		
		3, 4, 5, 6, or 100GBASE-R1, 200GBASE-R2, 400GBASE-R4 or 800GBASE-R8 signa Surprisingly, we have not used the term "800GBASE-R8" although in Section 6 we ha 100GBASE-R10 and 100GBASE-R4. Such names will be useful for describing PMAs
For Item 'PC3':		AUIs, increasingly so as we work on 200G/lane in P802.3dj.
- update the subclause to be 162.8.11.1		SuggestedRemedy
Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Add 163.13.4.2 from the base document and amend table item suggested remedy.	s PC2 and PC3 per the	Change: 3, 4, 5, 6, or valid 100GBASE-VR1, 200GBASE-VR2, 400GBASE-VR4, 800GBASE-V 100GBASE-SR1, 200GBASE-SR2, 400GBASE-SR4, or 800GBASE-SR8 signal to
© 167 SC 167.1.1 P151 L40	# 93	3, 4, 5, 6, or 100GBASE-R1, 200GBASE-R2, 400GBASE-R4, 800GBASE-R8, signal
Dawe, Piers Nvidia		Similarly for Average optical power.
Comment Type E Comment Status D	(bucket1)	For Stressed receiver sensitivity, just delete "valid". The SRS signal is on the edge o compliance anyway, by definition.
Clause 173 and then Clause 172		Define 100GBASE-R1, 200GBASE-R2, 400GBASE-R4, 800GBASE-R8 in the PMA
uggestedRemedy		clauses or introductory clauses 80, 116, 169.
Could be simplified to: Clause 173 then Clause 172		Proposed Response Response Status W
Proposed Response Response Status W		PROPOSED ACCEPT IN PRINCIPLE.
PROPOSED REJECT. The wording is consistent with multiple similar subclauses from including 122.1.1, 124.1.1 and 151.1.1. The proposed change does not improve accuracy or clarity of t		The wording should be improved. Use similar wording as Table 124-10. In Table 167-11 change "or valid 100GBASE-VR1, 200GBASE-VR2, 400GBASE-VR4, 800GBASE-VR8, 100GBASE-SR1, 200GBASE-SR2, 400GBASE-SR4, or 800GBASE-SR8 signal" to "or valid 100GBASE-R, 200GBASE-R, 400GBASE-R, or 800GBASE-R signal"

C/ 167 SC 167.8.1 Page 7 of 13 2023-05-05 6:44:33 AM

C/ 167 S	SC 167.10.3.4	P165	L1	# 95	C/ 167 SC	C 167.11.4.6	P168	L35	# 59
Dawe, Piers		Nvidia			Dudek, Mike		Marvell		
Comment Type	e TR	Comment Status D		(bucket1)	Comment Type	Е	Comment Status D		(bucket1)
400GBASE positions al approach h With the his single-row SuggestedRem Delete Opti Update PIC Proposed Resp PROPOSE This issue https://www	E-SR8 has two are used) and a has become es igher bandwidtl angled connec <i>medy</i> tion A, the dual CS accordingly <i>ponse</i> ED REJECT. was previous a w.ieee802.org/3	h for 800GBASE-SR8 vs. 4 ctor is more important. -row 24-position non-angled <i>Response Status</i> W addressed in D1.0 commen 3/df/comments/D1p0/8023c	fiber interface (erface. Since th 00GBASE-SR8 d connector. t #146,	although different hen, the sixteen-fiber , the advantage of a	SuggestedReme Label one o Proposed Respu PROPOSEI While they r angled fiber angled. Thi	edy f these with onse D REJECT. may look sim interfaces.	ntical to OC16 except in the Option A and one with Opti <i>Response Status</i> W nilar, OC16 applies to flat fil "!AFI" in OC16 means not OC8 and OC9 of 167.11.4 <i>P</i> 180 Nvidia <i>Comment Status</i> D	on B ber interfaces and angled or flat and	d OC17 applies to d "AFI" in OC17 means
https://www and in both option.	h cases the tas	3/df/comments/D1p1/8023c k force decided to retain the	e dual-row, twel	ve fiber connector	Table layou SuggestedReme Adjust colur	edy			
https://www and in both option. The commo	w.ieee802.org/ h cases the tas	3/df/comments/D1p1/8023c	e dual-row, twel	ve fiber connector	SuggestedRema Adjust colur Proposed Respo PROPOSEI There are n	edy nn widths onse O REJECT. o apparent is	Response Status W		
https://www and in both option. The comme C/ 167 So Dudek, Mike Comment Type	w.ieee802.org/3 h cases the tas hent does not p SC 167.10.3.4 e T	3/df/comments/D1p1/8023c k force decided to retain the rovide sufficient justification P165 Marvell Comment Status D	e dual-row, twel n to support the <i>L</i> 14	ve fiber connector suggested remedy. # 58 (bucket1)	SuggestedReme Adjust colur Proposed Respu PROPOSEI There are n The comme	edy nn widths onse D REJECT. o apparent is ent does not	ssues with the layout of Tab provide sufficient justification	on to make any cl	0
https://www and in both option. The comme C/ 167 So Dudek, Mike Comment Type	w.ieee802.org/3 h cases the tas hent does not p SC 167.10.3.4 e T	3/df/comments/D1p1/8023c k force decided to retain the rovide sufficient justification P165 Marvell	e dual-row, twel n to support the <i>L</i> 14	ve fiber connector suggested remedy. # 58 (bucket1)	SuggestedReme Adjust colur Proposed Respond PROPOSEL There are no The comme Cl 170 SC	edy nn widths onse O REJECT. o apparent is	, ssues with the layout of Tab		hanges to the draft. # <u>98</u>
https://www and in both option. The comme C/ 167 Si Dudek, Mike Comment Type The option SuggestedRem	w.ieee802.org/3 h cases the tas nent does not p SC 167.10.3.4 e T h B uses the an <i>nedy</i>	3/df/comments/D1p1/8023c k force decided to retain the rovide sufficient justification P165 Marvell Comment Status D gled interface which is depi	e dual-row, twel n to support the <i>L</i> 14	ve fiber connector suggested remedy. # 58 (bucket1)	SuggestedReme Adjust colur Proposed Respo PROPOSEI There are n The comme Cl 170 SC Dawe, Piers	edy nn widths onse O REJECT. o apparent is ont does not C 170.4.4.2	ssues with the layout of Tab provide sufficient justification P 187 Nvidia	on to make any cl	# 98
https://www and in both option. The commo C/ 167 S Dudek, Mike Comment Type The option SuggestedRem	w.ieee802.org/3 h cases the tas nent does not p SC 167.10.3.4 e T n B uses the an	3/df/comments/D1p1/8023c k force decided to retain the rovide sufficient justification P165 Marvell Comment Status D gled interface which is depi	e dual-row, twel n to support the <i>L</i> 14	ve fiber connector suggested remedy. # 58 (bucket1)	SuggestedReme Adjust colur Proposed Respu PROPOSEI There are n The comme Cl 170 SC Dawe, Piers Comment Type	edy nn widths onse O REJECT. o apparent is int does not C 170.4.4.2 E	ssues with the layout of Tab provide sufficient justification P 187	on to make any cl	# 98
https://www and in both option. The commo Cl 167 S Dudek, Mike Comment Type The option SuggestedRem Change Fig Proposed Resp	w.ieee802.org/3 h cases the tas nent does not p SC 167.10.3.4 e T n B uses the an <i>nedy</i> igure 167-9 to 1	3/df/comments/D1p1/8023c k force decided to retain the rovide sufficient justification P165 Marvell Comment Status D gled interface which is depi	e dual-row, twel n to support the <i>L</i> 14	ve fiber connector suggested remedy. # 58 (bucket1)	SuggestedReme Adjust colur Proposed Respo PROPOSEI There are n The comme Cl 170 SC Dawe, Piers	edy nn widths onse D REJECT. o apparent is ont does not C 170.4.4.2 E E able name edy	ssues with the layout of Tab provide sufficient justification P187 Nvidia Comment Status D	on to make any cl	0

C/ 170 SC 170.4.4.2 Page 8 of 13 2023-05-05 6:44:33 AM

C/ 171	SC 171.1	P189	L11	# 44	C/ 171	SC	171.3	P 192	L15	# 4
Brown, Ma	itt	Huawei			Nicholl, Sł	hawn		AMD		
Comment	Type E	Comment Status D		(bucket1)	Comment	Туре	TR	Comment Status D		(bucket1
by defi	nition 800GAUI-r	implies it has only one 800G is a physical instantiations s			in the	transm	it path of t	al block diagram for the PHY he PHY 800GXS and likewis oduces confusion.		
Suggested	-	Tytondar is composed of a D		a DC and and a DUV	Suggested	•				
800GX PMA s To: "The 8 at the	(S at the PHY en ublayers." 00GMII Extender	Extender is composed of a D d with a physical instantiatior is composed of a DTE 800G e or two 800GAUI-n between 84j.	of 800GAUI-n b XS at the RS er	petween two adjacent	Propos * Upo to 800 800G> proble that th	se one date the GMII), KS (i.e. m with ne "171.	of the follo e diagram use labels direction t this propo	wing solutions: In the transmit path of the I "Flow 0 Tx" and "Flow 1 Tx" from 800GMII to PMA), use I sal is that it contradicts the I smit function" of the 800GX	 In the receive abels "Flow 0 Rx PICS tables (which 	path of the PHY " and "Flow 1 Rx". The ch for example, indicate
roposed	Response	Response Status W			transc					
PROP	, OSED ACCEPT.							Remove the Tx/Rx in the d w 1 Tx" with "Flow 1". Repla		
C/ 171	SC 171.1	P190	L 22	# 67	"Flow	1 Rx" v	, vith "Flow	1". If this solution is chosen		
								al block diagram".	tivelv an inverted	d replica of Figure 172-
D'Ambrosi	,		Subsidiary of H		2 "Fun	nctional	block dia	gram", rely on the text (in the	same manner th	nat 118.1.2
Comment		Comment Status D	ee eksive in Fie	(bucket1)				layer" was able to rely on tex	t without a new o	diagram).
	rt of the Physical	I Physical Layer is incorrect	as snown in Fig	171-1. The medium is	Proposed	Respor	nse	Response Status W		
Suggested		Layon						IN PRINCIPLE.		
	-	w the Physical Layer bottom	border at the bo	ttom of the MDI	Resol	ve using	g the resp	onse to comment #5.		
,	Response	, ,			C/ 171	SC	171.6	P 194	L 26	# 43
	OSED ACCEPT.	Response Status W			Brown, Ma	att		Huawei		
FROF	USED ACCEPT.				Comment	Туре	Е	Comment Status D		(bucket1
7 171	SC 171.2	P190	L 46	# 99				ID may not be an 800GBAS	E-R PMA (per Cl	ause 173) and the
Dawe, Pie	rs	Nvidia				,	t have 8 la	nes.		
Comment	Type TR	Comment Status D		(bucket1)	Suggested		•			
		ification to the FEC degrade			For the	e PMA	immediate	ely above the PMD change "	PMA (32:8)" to "F	PMA".
	400GBASE-R PC It we sorted this c	CS, but here we are comparin	g it to the 800GI	BASE-R PCS. I	Proposed	Respor	nse	Response Status W		
					PROP	POSED	ACCEPT			
0		d EEC dogrado oignoling dat	ined in 171.5"							
Suggested	"with the modifie	u reo deglade signaling del								
Suggested Delete	"with the modifie									
Suggested Delete Proposed I	Response	Response Status W								
Suggested Delete Proposed I PROP		Response Status W								
Suggested Delete Proposed I PROP Implen Chang	Response OSED ACCEPT nent with editoria	Response Status W	2; and change th	ne reference of "171.5"						

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 U/unsatisfied Z/withdrawn SORT ORDER: Clause, Subclause, page, line

C/ 171 SC 171.6 Page 9 of 13 2023-05-05 6:44:33 AM

C/ 171	SC 171.6		P194	L35	# 48	C/ 172	SC	172.2	P 205	L1	# 100
Brown, Ma	itt		Huawei			Dawe, Pie	ers		Nvidia		
Comment	Туре Е	Commen	nt Status D		(bucket1)	Comment	Туре	ER	Comment Status D		(bucket1)
No suc	ch thing as "8	00 Gb/s Extend	er Sublayer". Se	e 171.1.		This ti	tle "Ph	ysical Coo	ling Sublayer (PCS)" is a	s good as the san	ne as the main clause title
Suggested	Remedy					-		-	ayer (PCS), type 800GBA	SE-R" which can	t be right.
Chang	e "800 Gb/s	EXTENDER SU	BLAYER" to "80	OGMII EXTENDE	ER SUBLAYER"	Suggested					
Proposed	Response	Response	e Status W						and processes within the		verview of functions within
PROP	OSED ACCE	PT.				Proposed	Respo	nse	Response Status W		
C/ 171	SC 171.8	4.3	P 201	L 8	# 32				IN PRINCIPLE.		
Huber, Tor			Nokia					of 172.2 fr 1 to "Ovei	om "Physical Coding Su	player (PCS)" to "	PCS functions". Change
Comment	Туре Е	Commen	nt Status D		(bucket1)						
It is no	t clear why th	ne coding rules I	PICS items jump	from C6 to C9;	the set of items is the	C/ 172		172.2.1	P 205	L19	# 33
same a	as what is in	clause 118, which	ch numbers then	n sequentially.		Huber, To			Nokia		
Suggested	Remedy					Comment		Е	Comment Status D		(bucket1)
Chang	e the numbe	ring of C9 throug	gh C11 to C7 thre	ough C9, respec	tively.				loaded in this paragraph, block' to refer to the proc		
Proposed I	Response	Response	e Status W			172-2		also uses	DIOCK to refer to the proc	esses (called fund	ctional blocks) in Figure
PROP	OSED ACCE	PT.				Suggested	dReme	dy			
Cl 172	SC 172.1	.5	P 204	L14	# 5				e, change "encode and ra ock" or "encode and rate		
Nicholl, Sh	awn		AMD			Proposed	Respo	nse	Response Status W		
Comment	Type TR	Commen	nt Status D		(bucket1)	'	,		IN PRINCIPLE.		
Curren "Flow -	tly, the diagr	am shows "Flow s in the receive	/ <n> Tx" labels i</n>	n the transmit pa	ram of the 800G PCS. ath and likewise shows used for 800GXS it	Chang	ge from	: "block in	Figure 172–2." Fig 172-2".		
Suggested	Remedy										
Tx" wit Replac	h "Flow 0". I ce "Flow 1 R>	Replace "Flow 1 " with "Flow 1".	Tx" with "Flow 1 See similar com	". Replace "Flow ment against Fig	ea. Replace "Flow 0 v 0 Rx" with "Flow 0". gure 171-2 "Functional consistent solution.						
Proposed I	•		e Status W								
Remov 171-2.				e dotted boxes in	Fig 172-2 and in Fig						

C/ 172 SC 172.2.1

C/ 172	SC 172.2.1	P 205	L 33	# 34	C/ 172	SC 172.2.4.1	.1 <i>P</i> 206	L 44	# 103
Huber, Tom	n	Nokia			Dawe, Piers	3	Nvidia		
Comment T	Гуре Е	Comment Status D		(bucket1)	Comment T	уре Т	Comment Status D		(bucket1)
The ser	ntences describ	ing AM lock, reordering, desk	ewing could be	written more clearly.	If it's Ol	< to combine ci	iteria in the second column	it's OK in the third	d column
SuggestedF	Remedy				SuggestedF	Remedy			
Change		al and the later of the state of the		a sufferent de set la	Combin	e rows 3 and 4	, combine rows 5 and 6		
		rker lock based on the comm on every PCS lane. After alig			Proposed R	lesponse	Response Status W		
lanes, t	he individual PC	CS lanes are identified using t	he unique mark	er portion (UM) and		SED REJECT		1 # 20 At that tim	na thara waa na
then red	ordered, reorde	red and deskewed, and the al	ign_status flag i	s set		ne change was sus to make the	suggested in D1.1 commer e change.	1t # 20. At that tim	ne there was no
		rker lock based on the comm					org/3/df/comments/D1p1/802		
		t are periodically transmitted of sing the unique marker portion				the suggested	written. The comment does remedy.	not provide any r	new justification to
		ordered and deskewed, and t			C/ 172	SC 172.2.4.4	-	L 20	# 106
Proposed F	Response	Response Status W			Dawe, Piers		Nvidia	L 20	# 100
		IN PRINCIPLE.	-l		Comment T		Comment Status D		(bucket1)
that is r	periodically trans	s alignment marker lock base smitted on every PCS lane. A	d on the commo fter alignment m	harkers are found on all			ght be better to number the	lanes 0.0 to 0.15	· · · ·
PCS la	nes, the individu	ual PCS lanes are identified u	sing the unique	marker portion (UM)					, 110 10 1110
1.41					Suggested	Domody			
		d deskewed, and the align_stant nt marker lock based on the co			SuggestedF Per con	•			
To: "It a alignme	attains alignmer ent markers that	nt marker lock based on the co t are periodically transmitted o	ommon marker on every PCS la	(CM) portion of the ne and identifies	Per con	nment	Paspansa Status W		
To: "It a alignme individu	attains alignmer ent markers that Jal PCS lanes u	nt marker lock based on the co t are periodically transmitted c sing the unique marker (UM)	ommon marker on every PCS la portion of the ali	(CM) portion of the ne and identifies gnment marker. The	Per con Proposed R	nment	Response Status W		
To: "It a alignme individu PCS lai	attains alignmer ent markers that lal PCS lanes u nes are then re	nt marker lock based on the co t are periodically transmitted of sing the unique marker (UM) pordered and deskewed, and t	ommon marker on every PCS la portion of the ali he align_status	(CM) portion of the ne and identifies gnment marker. The flag is set."	Per con Proposed R PROPC The cla	nment <i>Response</i> DSED REJECT use clearly diffe	erentiates between PCS land		
To: "It a alignme individu PCS lai C/ 172	attains alignmer ent markers that ial PCS lanes u nes are then re SC 172.2.3	nt marker lock based on the con- t are periodically transmitted of sing the unique marker (UM) pordered and deskewed, and to P206	ommon marker on every PCS la portion of the ali	(CM) portion of the ne and identifies gnment marker. The	Per con Proposed R PROPC The cla to flow	nment Pesponse DSED REJECT use clearly diffe 1. The draft is to	erentiates between PCS land echnically correct as written.		
To: "It a alignme individu PCS lan 7 172 Dawe, Piers	attains alignmer ent markers that ual PCS lanes u nes are then re SC 172.2.3 s	nt marker lock based on the co t are periodically transmitted of sing the unique marker (UM) ordered and deskewed, and t P206 Nvidia	ommon marker on every PCS la portion of the ali he align_status	(CM) portion of the ne and identifies gnment marker. The flag is set." # 101	Per con Proposed R PROPC The cla to flow improve	nment Pesponse DSED REJECT use clearly diffe 1. The draft is to the accuracy of	erentiates between PCS lane echnically correct as written or clarity of the draft.	The suggested r	remedy does not
To: "It a alignme individu PCS lar C/ 172 Dawe, Piers Comment T	attains alignmer ent markers that ual PCS lanes u nes are then re SC 172.2.3 s <i>Type</i> E	nt marker lock based on the co t are periodically transmitted of sing the unique marker (UM) pordered and deskewed, and t P206 Nvidia Comment Status D	ommon marker on every PCS la portion of the ali he align_status	(CM) portion of the ne and identifies gnment marker. The flag is set."	Per con Proposed R PROPC The cla to flow improve	DED REJECT USED REJECT USE clearly diffe 1. The draft is to the accuracy of SC 172.2.4.4	erentiates between PCS lane echnically correct as written or clarity of the draft. P207		
To: "It a alignme individu PCS lau C/ 172 Dawe, Piers Comment T Same to	attains alignmer ent markers that ial PCS lanes u nes are then re SC 172.2.3 s <i>Type</i> E opic, very short	nt marker lock based on the co t are periodically transmitted of sing the unique marker (UM) pordered and deskewed, and t P206 Nvidia Comment Status D	ommon marker on every PCS la portion of the ali he align_status	(CM) portion of the ne and identifies gnment marker. The flag is set." # 101	Per con Proposed R PROPC The cla to flow improve C/ 172 Dawe, Piers	DED REJECT USED REJECT USE clearly diffe 1. The draft is to the accuracy of SC 172.2.4.4	erentiates between PCS lane echnically correct as written or clarity of the draft. P207 Nvidia	The suggested r	remedy does not # 105
To: "It a alignme individu PCS lau 2/ 172 Dawe, Piers Comment T Same to Suggestedf	attains alignmer ent markers that ial PCS lanes u nes are then re SC 172.2.3 s Fype E opic, very short Remedy	nt marker lock based on the co t are periodically transmitted of sing the unique marker (UM) ordered and deskewed, and t P206 Nvidia Comment Status D subclauses	ommon marker on every PCS la portion of the ali he align_status	(CM) portion of the ne and identifies gnment marker. The flag is set." # 101 (bucket1)	Per con Proposed R PROPC The cla to flow improve Cl 172 Dawe, Piers Comment T	nment SED REJECT use clearly diffe 1. The draft is to the accuracy of SC 172.2.4.4 S ype ER	erentiates between PCS lane echnically correct as written or clarity of the draft. P207 Nvidia Comment Status D	The suggested r	remedy does not
To: "It a alignme individu PCS lau C/ 172 Dawe, Piers Comment 7 Same to Suggested Make 1	attains alignmer ent markers that ial PCS lanes u nes are then re SC 172.2.3 s <i>Type</i> E opic, very short <i>Remedy</i> 72.2.3, 172.2.2	nt marker lock based on the co t are periodically transmitted of sing the unique marker (UM) pordered and deskewed, and t P206 Nvidia Comment Status D	ommon marker on every PCS la portion of the ali he align_status	(CM) portion of the ne and identifies gnment marker. The flag is set." # 101 (bucket1)	Per con Proposed R PROPO The cla to flow CI 172 Dawe, Piers Comment T Please	Anment PSED REJECT USE clearly diffe 1. The draft is to the accuracy of SC 172.2.4.4 S Sype ER don't make wor	erentiates between PCS lane echnically correct as written or clarity of the draft. P207 Nvidia	The suggested r	remedy does not # 105
To: "It a alignme individu PCS lar C/ 172 Dawe, Piers Comment T Same to Suggested/ Make 1 bit bloc	attains alignmer ent markers that ial PCS lanes u nes are then re SC 172.2.3 s <i>Fype</i> E opic, very short Remedy 72.2.3, 172.2.2 ks and the 64B/	nt marker lock based on the co t are periodically transmitted of sing the unique marker (UM) pordered and deskewed, and t P206 Nvidia Comment Status D subclauses	ommon marker on every PCS la portion of the ali he align_status	(CM) portion of the ne and identifies gnment marker. The flag is set." # 101 (bucket1)	Per con Proposed R PROPC The cla to flow 7 improve Cl 172 Dawe, Piers Comment T Please SuggestedF	Anment PSED REJECT USE clearly diffe 1. The draft is to the accuracy of SC 172.2.4.4 S Sype ER don't make work Remedy	erentiates between PCS land echnically correct as written or clarity of the draft. P207 Nvidia Comment Status D k for your readers	L 27	# 105
To: "It a alignme individu PCS lar Cl 172 Dawe, Piers Comment T Same t Suggested Make 1 bit block Proposed F PROPC	attains alignmer ent markers that ial PCS lanes u nes are then re SC 172.2.3 s <i>Type</i> E opic, very short Remedy 72.2.3, 172.2.2 ks and the 64B/ Response OSED REJECT.	nt marker lock based on the co t are periodically transmitted of sing the unique marker (UM) pordered and deskewed, and t P206 Nvidia Comment Status D subclauses .1, or remove this subheading (66B code" or similar. Response Status W	ommon marker on every PCS la portion of the ali he align_status <i>L</i> 1	(CM) portion of the ne and identifies gnment marker. The flag is set." # 101 <i>(bucket1)</i> e title of 172.2.2 to " 66-	Per con Proposed R PROPO The cla to flow CI 172 Dawe, Piers Comment T Please Suggested Add an	Anment PSED REJECT USE clearly diffe 1. The draft is to the accuracy of SC 172.2.4.4 S Sype ER don't make work Remedy informative NC	erentiates between PCS lane echnically correct as written or clarity of the draft. P207 Nvidia Comment Status D	L 27	# 105
To: "It a alignme individu PCS lar C 172 Dawe, Piers Comment T Same to Suggested/ Make 1 bit block Proposed F PROPC The sub	attains alignmer ent markers that ial PCS lanes u nes are then re SC 172.2.3 s Fype E opic, very short Remedy 72.2.3, 172.2.2 ks and the 64B/ Response DSED REJECT. b-clauses 172.2	nt marker lock based on the co t are periodically transmitted of sing the unique marker (UM) ordered and deskewed, and t P206 Nvidia Comment Status D subclauses 1, or remove this subheading (66B code" or similar. Response Status W 2.2 and 172.2.3 are consistent	ommon marker of the align_status	(CM) portion of the ne and identifies gnment marker. The flag is set." # 101 (bucket1) e title of 172.2.2 to " 66-	Per con Proposed R PROPO The cla to flow CI 172 Dawe, Piers Comment T Please Suggested Add an	Anment Pesponse DSED REJECT use clearly diffe 1. The draft is to the accuracy of SC 172.2.4.4 S S S S S S S S S S S S S	erentiates between PCS lane echnically correct as written or clarity of the draft. P207 Nvidia Comment Status D k for your readers TE saying what is common	L 27	# 105
To: "It a alignme individu PCS lat Cl 172 Dawe, Piers Comment 7 Same to Suggestedf Make 1 bit block Proposed F PROPC The sub where 1 consiste	attains alignmer ent markers that ial PCS lanes u nes are then re SC 172.2.3 s Type E opic, very short Remedy 72.2.3, 172.2.2 ks and the 64B/ Response DSED REJECT. b-clauses 172.2 119.2.2 is "Use ency with Claus	nt marker lock based on the co t are periodically transmitted of sing the unique marker (UM) pordered and deskewed, and t P206 Nvidia Comment Status D subclauses 1, or remove this subheading (66B code" or similar. Response Status W 2.2 and 172.2.3 are consistent of blocks" and 119.2.3 is "64E te 119 is beneficial for readers	with the subcla 8/66B code". In factors	(CM) portion of the ne and identifies gnment marker. The flag is set." # 101 (bucket1) e title of 172.2.2 to " 66- uses in Clause 119, this case, maintaining	Per con Proposed R PROPC The cla to flow ' improve Cl 172 Dawe, Piers Comment T Please SuggestedF Add an the two Proposed R PROPC	Amment Pesponse DSED REJECT use clearly diffe 1. The draft is to the accuracy of SC 172.2.4.4 S SC 172.2.4.4 S S SC ER don't make work Remedy informative NC flows, and what Pesponse DSED REJECT	erentiates between PCS land echnically correct as written or clarity of the draft. <i>P207</i> Nvidia <i>Comment Status</i> D k for your readers TE saying what is common t is the same in 400G. <i>Response Status</i> W	The suggested r	# 105 <i>(bucket1)</i> es, what is the same for
To: "It a alignme individu PCS lat Cl 172 Dawe, Piers Comment 7 Same to Suggestedf Make 1 bit block Proposed R PROPC The sub where 1 consiste impact	attains alignmer ent markers that ial PCS lanes u nes are then re <i>SC</i> 172.2.3 s <i>Type</i> E opic, very short <i>Remedy</i> 72.2.3, 172.2.2 ks and the 64B/ <i>Response</i> DSED REJECT. b-clauses 172.2 119.2.2 is "Use ency with Claus readability of th	nt marker lock based on the co t are periodically transmitted of sing the unique marker (UM) pordered and deskewed, and t P206 Nvidia Comment Status D subclauses 1, or remove this subheading (66B code" or similar. Response Status W 2.2 and 172.2.3 are consistent of blocks" and 119.2.3 is "64E te 119 is beneficial for readers	with the subcla 6/66B code". In f 5, while a short s	(CM) portion of the ne and identifies gnment marker. The flag is set." # 101 (bucket1) e title of 172.2.2 to " 66- uses in Clause 119, this case, maintaining subclause does not	Per con Proposed R PROPC The cla to flow 7 improve Cl 172 Dawe, Piers Comment T Please SuggestedF Add an the two Proposed R PROPC 172.2.2	Amment Pesponse DSED REJECT use clearly diffe 1. The draft is to the accuracy of SC 172.2.4.4 S SC 172.2.4.4 S S SC ER don't make work Remedy informative NC flows, and what DSED REJECT .4.4 states clear	erentiates between PCS lane echnically correct as written or clarity of the draft. <i>P</i> 207 Nvidia <i>Comment Status</i> D k for your readers TE saying what is common t is the same in 400G. <i>Response Status</i> W	The suggested r	# <u>105</u> <i>(bucket1)</i> es, what is the same for

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COMMENT STATUS: D/dispatched A/accepted R/rejected	RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn	SC 172.2.4.4	2023-05-05 6:44:33 AM
SORT ORDER: Clause, Subclause, page, line			

This table is very hard to use. The next is split over two pages SuggestedRemedy Make the headings line up with the -columns, e.g. by inserting spaces. Combine the two tables, adjusting the text on the previous page. The PCS lane numbers are unique, but sub-heading rows or another column indication flow 0 and flow 1 can be used. Use the orphan rows property to ensure the table is not split. Proposed Response Response Status W PROPOSED REJECT. The formating of the tables is identical to Clause 119. The table titles show the flow number (flow 0 r flow1). The comment does not provide sufficient justification to make a change to the draft. Nor do the proposed changes improve the clarity or accuracy of the draft. Cl 172 SC 172.2.4.9 P210 L48 # 36 Comment Type T Comment Status D (bucket1) It's more clear to say the test pattern is the result of the MII being a continuous stream of table characters (which the PCS will then turn into blocks, etc.). SuggestedRemedy Change the last sentence of the first paragraph from The scrambled idle test pattern is the output to the PCS when the input to the PCS at the	Cl 172	SC 17	2.2.4.4	P 208	L 7	# 104	C/ 172	SC	172.2.6.3		P 214	L15	# 38
This table is very hard to use. The next is split over two pages SuggestedRemedy SuggestedRemedy Make the headings line up with the ~columns, e.g. by inserting spaces. Combine the two tables, adjusting the tax on the previous page. The PCS Iano numbers used. Use the orphan rows property to ensure the table is not split. Proposed Response Response Status W PROPOSED RLECT. The formating of the tables is identical to Clause 119. The table titles show the flow number (flow 0 or flow 1). The comment does not provide sufficient justification to make a change in proveme the castly or a cacutacy of the draft. Cf 172 SC 172.2.4.9 P210 L48 # 35 Comment Type T Comment Status D (bucket) It's more clear to say the test pattern is the ersuit of the MII being a continuous stream of Ide characters (which the PCS with the num into blocks, etc.). SuggestedRemedy Change the last sentence of the first paragraph from The scrambled idle test pattern is the output of the PCS when the input to the PCS at the 800GMII is a control block with all idle characters. Proposed Response Response Response Status W PROPOSED RLECT. The text in Intra-IS is no to the the Stown the input to the PCS at the 800GMII is a control block with all idle characters. Proposed Response Response Status W PROPOSED RLECT. The text in Intra-IS and Figure 112-5. In effatter Comment Type C Contenent Status D (bucket) Cf 172 SC 172.7.4.3 P222 L21 # 39 PCOPSED RLECT. The text in IT32-8.5 is listing the exceptions to the state diagrams in 1192.6.3. The draft it technically correct as written. The suggested remedy is an inprovement, but should be more specifically referring to "idle control characters." Change: The scrambled idd test pattern is the output of the PCS when the input to the PCS at the 800GMII is a control block with all idle characters." To: "The scrambled idd test pattern is the output of the PCS when the input to the PCS at the 800GMII is a control block with all idle characters." The scrambled idd test pattern is the output of the PCS when the input to	Dawe, Pie	ers		Nvidia			Huber, To	m		I	Nokia		
SuggestedRemedy Make the headings line up with the -columns, e.g. by inserting spaces. Combine the two tables, adjusting the text on the previous page. The PCS lane numbers are unique, but sub-heading rows or another column indication flow 0 and flow 1 can be used. Use the orphan rows property to ensure the table is not split. Proposed Response Response Status W PROPOSED REJECT. The formating of the tables is identical to Clause 119. The table titles show the flow number (flow 0 of rhow). The comment does not provide sufficient justification to make a change to the that. Nor do the proposed changes improve the clainty or accuracy of the drat. 2/1 12 SC 172.2.4.9 P210 L48 # 36 2/2 nore class (which the PCS with the turin into blocks, etc.). (bucket1) (bucket1) (bucket1) 1/2 sc 172.2.4.9 P210 L48 # 36 Consider the last sentence of the first paragraph from The scrambled idle test pattern is the output of the PCS when the input to the PCS at the 800GMII is a continuous stream of idle characters. (bucket1) SuggestedRemedy Comment Type E Comment Type E Comment Type E Comment Status D (bucket1) The scrambled idle test pattern is the output of the PCS when the input to the PCS at the 800GMII is a continuous stream of idle characters. (bucket1) PCO SED REJECT. PCO Sed Response Response Status W	Comment	Type I	ER (Comment Status D		(bucket1)	Comment	Туре	Е	Comment St	atus D		(bucke
Wiggested/Remedy Make the beadings line up with the -columns, e.g. by inserting spaces. Combine the two tables, adjusting the text on the previous page. The PCS lane numbers are unique, but sub-heading rows or another column indication 10w 0 and flow 1 can be used. Use the orphan rows property to ensure the table is not split. PROPOSED REJECT. The formating of the tables is identical to Clause 119. The table titles show the flow number (flow or flow 1). The comment does not provide sufficient justification to make a change to the draft. Not do the proposed hanges improve the clarity or accuracy of the draft. 1/172 SC 172.2.4.9 P210 L48 # 36 Huber, Tom Nokia (bucket) 1/18: more class the split end to the PCS when the input to the PCS at the 800GMII is a continuous stream of lide characters. (bucket) Rogosed Response Response Status W PROPOSED REJECT. The scrambled idle test pattern is the output of the PCS when the input to the PCS at the 800GMII is a continuous stream of lide characters. (bucket) 12: strong class control block with all ide characters. PROPOSED REJECT. The scrambled idle test pattern is the output of the PCS when the input to the PCS at the 800GMII is a continuous stream of lide characters. (bucket) PROPOSED ACCEPT IN PRINCIPLE. The scrambled idle test pattern is the output of the PCS when the input to the PCS at the 800GMII is a control block'' at the 800GMI	This ta	able is ver	ry hard to us	e. The next is split over	two pages								
Combine the two tables, adjusting the text on the previous page. The PCS lane numbers are unique, but sub-heading rows or another column indication flow 0 and flow 1 can be used. Use the orphan rows property to ensure the table is not split. Proposed Response Response Status W RePOPOSED REJECT. The formating of the tables is identical to Clause 119. The table titles show the flow number (flow 0 or flow1). The comment does not provide sufficient justification to make a change to the draft. Nor do the proposed changes improve the clarity or accuracy of the draft. Nor do the proposed changes improve the clarity or accuracy of the draft. The formating the table pattern is the output of the PCS when the input to the PCS at the 800GMI is a control block with all idle characters. To The scrambled idle test pattern is the output of the PCS when the input to the PCS at the 800GMI is a control block with all idle characters. The scrambled idle test pattern is the output of the PCS when the input to the PCS at the 800GMI is a control block with all idle characters. The scrambled idle test pattern is the output of the PCS when the input to the PCS at the 800GMI is a control block with all idle characters. The scrambled idle test pattern is the output of the PCS when the input to the PCS at the 800GMI is a control block with all idle characters. The scrambled idle test pattern is the output of the PCS when the input to the PCS at the 800GMI is a control block with all idle characters. The scrambled idle test pattern is the output of the PCS when the input to the PCS at the 800GMI is a control block with all idle characters. The scrambled idle test pattern is the output of the PCS when the input to the PCS at the 800GMI is a control block with all idle characters. The scrambled idle test pattern is the output of the PCS when the input to the PCS at the 800GMI is a control block with all idle characters. The scrambled idle test pattern is the output of the PCS when the input to the PCS at the 800GMI is a control block with al		-		with the ~columns. e.a. t	ov inserting spac	es.	separa	ately fo	r each flow	. It would be h			
used. Change: Use the orphan rows property to ensure the table is not split. PROPOSED REJECT. The formating of the tables is identical to Clause 119. The table titles show the flow number (flow or flow1). The comment does not provide sufficient justification to make a change to the draft. Nor do the proposed changes improve the clarity or accuracy of the draft. Variation of the tables is identical to Clause 119. The table titles show the flow number (flow or flow1). The comment does not provide sufficient justification to make a change to the draft. Nor do the proposed changes improve the clarity or accuracy of the draft. Variation of the tables is identical to Clause 119. The table titles show the flow number (flow or flow1). The comment does not provide sufficient justification to make a change to the draft. Nor do the proposed changes improve the clarity or accuracy of the draft. Variation of the table is is dentical to Clause 119. The table titles show the flow the flow. Variation of the dentication of the dentication to moke a change to the first paragraph from The scrambled idle test pattern is the output of the PCS when the input to the PCS at the 800GMII is a control block with all idle characters. To To The scrambled idle test pattern is the output of the PCS when the input to the PCS at the 800GMII is a control block, with all idle characters. ropposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Meetanceters. The scrambled idle test pattern is the output of the PCS when the input to the PCS at the 800GMII is a contoro	Combi	ine the tw	o tables, ad	justing the text on the pr	evious page. Th	e PCS lane numbers			•	•			
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"The scrambled idle test pattern is the output of the PCS when the input to the PCS at the	"The s	crambled			PCS when the	nput to the PCS at the	impici	nont ti	ie suggest		2.7.4.0 010	17 1.0.4.0 With CC	
800GMII is composed only of idle control characters."	To: "The s	crambled	l idle test pa	ttern is the output of the		nput to the PCS at the							
	800GN	All is com	posed only	of idle control characters	5."								

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C/ 173	SC 173.1	P 226	L 26	# 49	C/ 173	SC 173.4.3.1	P 233	L 26	# 102
Brown, Ma	att	Huawei			Dawe, Piers	6	Nvidia		
Comment		Comment Status D		(bucket1)	Comment T	ype T	Comment Status D		(bucket
No suc	ch thing as "800	Gb/s Extender Sublayer". Se	e 171.1.				: this must be output not g		are multiple PMAs they
Suggested	Remedy					*	ade clear for the receive c	irection.	
Chang	ge "800 Gb/s EX	TENDER SUBLAYER" to "80	OGMII EXTENDE	ER SUBLAYER"	SuggestedF Per con	2			
Proposed	Response	Response Status W							
PROP	OSED ACCEPT				Proposed R	•	Response Status W		
C/ 173	SC 173.3	P 227	L 26	# 60	In chec	king with simila	r subclauess in Clause 12		
Maguire, V	/alerie	Copperopolis					'produce" and "deliver". "p veen lanes at the output of		
Comment		Comment Status D		(bucket1)			e PMA and any additional		
		ace between figures and abb	reviations		PMA its	elf.			/
Suggested	Remedy				Change "shall g		e than 29 ns of Skew betw	een PCSLs toward	d the 800GAUI-8"
Use a	non-breaking sp	ace between "53.125" and "G	Bd".		to:				
Proposed	Response	Response Status W					e than 29 ns of Skew betwe e wording consistent with 1		the 800GAUI-8"
	OSED ACCEPT				C/ 173	SC 173.6.5	P 241	L15	# 40
/ 173	SC 173.4.2.1	P 232	L15	# 2	Huber, Tom		P241 Nokia	L 15	# 40
/icholl, Sh		AMD	215	π	Comment T		Comment Status D		(bucket
incrition, or		AIVID				ypc L			IDUCKCI
Comment	Type T	Comment Status D		(hucket1)		tus column sho	uld be reformatted so the	tems are not spillir	,
	•••	Comment Status D A bit-level multiplexing" the wo	ord "contain" is u	<i>(bucket1)</i> sed which is	The sta		uld be reformatted so the	tems are not spillir	,
In 173	.4.2.1 "32:8 PM	Comment Status D A bit-level multiplexing" the we enced 120.5.2 "Bit-level multiple		()	The sta SuggestedF	Remedy			,
In 173 incons	.4.2.1 "32:8 PM sistent with refere	A bit-level multiplexing" the wo		()	The sta <i>SuggestedF</i> Reform	<i>Remedy</i> at so that the ite	ems are not split across lir		,
incons Suggested Propos	.4.2.1 "32:8 PM/ sistent with reference and the medy se to replace "co	A bit-level multiplexing" the we enced 120.5.2 "Bit-level multip ontain" with "carries", so the s	olexing". entence reads ".	sed which is	The sta SuggestedF Reform Proposed R	Remedy at so that the ite response	ems are not split across lir Response Status W		,
In 173. incons <i>Suggested</i> Propos lanes o	.4.2.1 "32:8 PM/ sistent with refere <i>Remedy</i> se to replace "co carries two PCS	A bit-level multiplexing" the we enced 120.5.2 "Bit-level multip ontain" with "carries", so the s Ls from". Using the word "c	olexing". entence reads ".	sed which is	The sta SuggestedF Reform Proposed R PROPC	Remedy at so that the it desponse DSED ACCEPT	ems are not split across lir	es	,
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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 U/unsatisfied Z/withdrawn C/ 173A SC 173A SORT ORDER: Clause, Subclause, page, line

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