	P 1	L 28	# 107	CI 30	SC 30.5.1.1.	2	P 15	L17	# 113
Dawe, Piers	Nvidia			Dawe, Pier	s		Nvidia		
Comment Type E	Comment Status X			Comment 7	Гуре Е	Comment	Status X		
Woring					,		<i>.</i>		when about a hundre
SuggestedRemedy Working				families	s are not descri	bed like that. V	Vriting "one sir	ngle-mode fiber" v	E-PQ and BASE-T vas believed to tell th bidirectional, even
Proposed Response	Response Status O							MAUs which are li	
Toposed Response				Suggestedl	Remedy				
								in 30.5, for consi	
C/00 SC 0	P 11	L 54	# 65					ally, delete "bidire BASE-T as well a	
Wienckowski, Natalie	IVN Solutions	LLC		Proposed F		Response 3			s optical.
Comment Type ER	Comment Status X			i ioposed i	response	Responses			
I his was submitted as o but the table has not be	comment #258 on D2.0. The en added.	comment resolu	Ition was "ACCEP1",						
SuggestedRemedy									
Create table of contents	s and insert after the introduct	tory material and	l before Clause 30.						
Proposed Response	Response Status 0								
	P15	L16	# 112						
2/30 SC 30.5.1.1.2									
C/ 30 SC 30.5.1.1.2	Nvidia								
Dawe, Piers	Nvidia Comment Status								
Dawe, Piers Comment Type E	Comment Status X an confirm that the new mater	rial is inserted in	the correct place, in						
Dawe, Piers <i>Comment Type</i> E So that the reviewers ca	Comment Status X an confirm that the new mater	rial is inserted in	the correct place, in						
Dawe, Piers Comment Type E So that the reviewers ca the correct style (D2.0 c SuggestedRemedy	Comment Status X an confirm that the new mater		the correct place, in						

C/ 30 SC 30.5.1.1.2

C/45 SC 45.	.2.1.6	P 16	L10	# 61	Cl 45	SC 45.2.1.6	P 16	L 29	# 110
Zimmerman, George	e	ADI,APLgp,C	isco,Marvell,OnS	Semi,Sony,SenTekse	Dawe, Piers		Nvidia		
Comment Type E	E Co	omment Status X		consistency_dj	Comment T	/pe E	Comment Status X		
AHEAD of 802.3	dj, which has	amended by IEEE Std 8 sn't even entered workir	ng group ballot.	This appears to have			an confirm that the new mate ithout using a code that's alre		
		t 146, but comment 146			SuggestedF	emedy			
beyond the editin amended is ADD most recent ame was already inse	ng instruction DED by the d andment I known arted by 802.3 , correlation	inted out dj was extend a - the line "10101xxx = 1.5 of dj Further, the ow of, 802.3df, since it s 3df, nor with 802.3dj, be with the completed and isfied	reserved" which edit isn't even fu shows 11xxxxx ecause that show	is struck out and ully consistent with the as an insert, and that vs 1011xxxx inserted	1 0 1 0 0 There is 7 6 5 4 3 is part o	0 0 1 1 = 1.6TB/ no sub-row abo 3 2 1 0 f 802.3dj so sho	ws below and above, if any. ASE-DR8-2 PMA/PMD ove. However, the top sub-ro puld not be underlined.	·	e sub-row before is
uggestedRemedy	112 13 011380	isiicu.			Proposed R	esponse	Response Status O		
ahead of this am "(as amended by	iendment wh y IEEE Std 80		change editing in	nstruction to indicate	Cl 45 Wienckowsl	SC 45.2.1.8	P 17 IVN Solutions	L 22	# 66
then: remove undersco rows Retain 1011 x x x Replace 10101x and keep remain (If there are other	ore from: the x x = reserve x x = reserv ing inserted	reflect the state of the t bit numbers (7 6 5 4 3 ed row with underscore ved, with "1 0 1 x x x x rows (101011xx and be 802.3df that edit this ta	2 1 0) and 11 x = reserved"(in s elow) as in draft.	x x x x x = reserved trikeout)	Comment Ty Subclau SuggestedF	vpe ER se 45.2.1.8.1 sl emedy subclause 45.2	Comment Status X nould not have been removed		2 is in this subclause.
then: remove undersco rows Retain 1011 x x > Replace 10101x and keep remain (If there are othe appropriately)	ore from: the x x = reserve x x = reserv ning inserted er drafts after	bit numbers (7 6 5 4 3 ed row with underscore red, with "1 0 1 x x x x rows (101011xx and be 802.3df that edit this ta	2 1 0) and 11 x = reserved"(in s elow) as in draft.	x x x x x = reserved trikeout)	Comment T Subclau SuggestedF Restore Proposed R	vpe ER se 45.2.1.8.1 sl emedy subclause 45.2	Comment Status X nould not have been removed		
then: remove undersco rows Retain 1011 x x > Replace 10101x and keep remain (If there are other appropriately)	ore from: the x x = reserve x x = reserv ning inserted er drafts after	bit numbers (7 6 5 4 3 ed row with underscore /ed, with "1 0 1 x x x x rows (101011xx and be	2 1 0) and 11 x = reserved"(in s elow) as in draft.	x x x x x = reserved trikeout)	Comment Ty Subclau SuggestedR Restore Proposed R CI 45	ype ER se 45.2.1.8.1 sl emedy subclause 45.2 esponse SC 45.2.1.33	Comment Status X nould not have been removed 2.1.8.1 Response Status O P18	d as Table 45-12	2 is in this subclause. # <u>111</u>
then: remove undersco rows Retain 1011 x x x Replace 10101x and keep remain (If there are othe appropriately) roposed Response	ore from: the x x = reserve x x = reserv ning inserted er drafts after <i>Re</i> .	bit numbers (7 6 5 4 3 ed row with underscore red, with "1 0 1 x x x x rows (1010111xx and be 802.3df that edit this ta sponse Status O	2 1 0) and 11 x : = reserved"(in s elow) as in draft. ble, adjust editin	x x x x x = reserved trikeout) g instruction and edits	Comment T Subclau SuggestedF Restore Proposed R	ype ER se 45.2.1.8.1 sl gemedy subclause 45.2 esponse SC 45.2.1.33	Comment Status X nould not have been removed 2.1.8.1 Response Status O	d as Table 45-12	
then: remove undersco rows Retain 1011 x x x Replace 10101x and keep remain (If there are other appropriately) roposed Response	ore from: the x x = reserve x x = reserv ning inserted er drafts after <i>Re</i> .	bit numbers (7 6 5 4 3 ed row with underscore red, with "1 0 1 x x x x rows (101011xx and be 802.3df that edit this ta	2 1 0) and 11 x = reserved"(in s elow) as in draft.	x x x x x = reserved trikeout)	Comment T Subclau SuggestedF Restore Proposed R CI 45 Dawe, Piers Comment T So that	ype ER se 45.2.1.8.1 sl gemedy subclause 45.2 esponse SC 45.2.1.33 ype E the reviewers ca	Comment Status X nould not have been removed 2.1.8.1 Response Status O P18 Nvidia Comment Status X an confirm that the new mate	d as Table 45-12	# <u>111</u>
then: remove undersco rows Retain 1011 x x > Replace 10101x and keep remain (If there are othe appropriately) roposed Response	ore from: the x x = reserve x x = reserv ining inserted er drafts after <i>Re</i> . .2.1.6	bit numbers (7 6 5 4 3 ed row with underscore ved, with "1 0 1 x x x x x rows (101011xx and be 802.3df that edit this ta sponse Status O P16 Nvidia	2 1 0) and 11 x : = reserved"(in s elow) as in draft. ble, adjust editin	x x x x x = reserved trikeout) g instruction and edits	Comment T Subclau SuggestedF Restore Proposed R Cl 45 Dawe, Piers Comment T So that the corr	ype ER se 45.2.1.8.1 sl pemedy subclause 45.2 esponse SC 45.2.1.33 ype E the reviewers ca ect style, and wi	Comment Status X hould not have been removed 2.1.8.1 Response Status O P18 Nvidia Comment Status X	d as Table 45-12	# <u>111</u>
then: remove undersco rows Retain 1011 x x x Replace 10101x and keep remain (If there are other appropriately) troposed Response 4 45 SC 45. Dawe, Piers comment Type	ore from: the x x = reserve x x = reserve x x = reserve ing inserted er drafts after <i>Re</i> . 2.1.6	bit numbers (7 6 5 4 3 ed row with underscore red, with "1 0 1 x x x x x rows (101011xx and be 802.3df that edit this ta sponse Status O P 16	2 1 0) and 11 x : = reserved"(in s elow) as in draft. ble, adjust editin	x x x x x = reserved trikeout) g instruction and edits	Comment T Subclau SuggestedF Restore Proposed R Cl 45 Dawe, Piers Comment T So that the corre SuggestedF	ype ER se 45.2.1.8.1 sl pemedy subclause 45.2 esponse SC 45.2.1.33 ype E the reviewers ca ect style, and with	Comment Status X nould not have been removed 2.1.8.1 Response Status O P18 Nvidia Comment Status X an confirm that the new mate ithout using a bit that's alread	d as Table 45-12 L 24 rial is inserted ir ly taken (D2.0 c	# <u>111</u> n the correct place, in omment 136):
then: remove undersco rows Retain 1011 x x x Replace 10101x and keep remain (If there are othe appropriately) roposed Response	ore from: the x x = reserve x x = reserve x x = reserve ing inserted er drafts after <i>Re</i> . 2.1.6	bit numbers (7 6 5 4 3 ed row with underscore ved, with "1 0 1 x x x x x rows (101011xx and be 802.3df that edit this ta sponse Status O P16 Nvidia	2 1 0) and 11 x : = reserved"(in s elow) as in draft. ble, adjust editin	x x x x x = reserved trikeout) g instruction and edits	Comment T Subclau SuggestedF Restore Proposed R Cl 45 Dawe, Piers Comment T So that the corr SuggestedF Please	ype ER se 45.2.1.8.1 sl pemedy subclause 45.2 esponse SC 45.2.1.33 ype E the reviewers ca ect style, and wi remedy show the rows b	Comment Status X nould not have been removed 2.1.8.1 Response Status O P18 Nvidia Comment Status X an confirm that the new mate ithout using a bit that's alread	d as Table 45-12 L 24 rial is inserted ir ly taken (D2.0 c	# <u>111</u> n the correct place, in omment 136):
then: remove undersco rows Retain 1011 x x x Replace 10101x and keep remain (If there are other appropriately) roposed Response / 45 SC 45. awe, Piers omment Type E 2register uggestedRemedy	ore from: the x x = reserve x x = reserve x x = reserve ing inserted er drafts after <i>Re</i> . 2.1.6	bit numbers (7 6 5 4 3 ed row with underscore ved, with "1 0 1 x x x x x rows (101011xx and be 802.3df that edit this ta sponse Status O P16 Nvidia	2 1 0) and 11 x : = reserved"(in s elow) as in draft. ble, adjust editin	x x x x x = reserved trikeout) g instruction and edits	Comment T Subclau SuggestedF Restore Proposed R Cl 45 Dawe, Piers Comment T So that the corr SuggestedF Please s 1.35.5 5	ype ER se 45.2.1.8.1 sl pemedy subclause 45.2 esponse SC 45.2.1.33 ype E the reviewers ca ect style, and wi pemedy show the rows b 0GBASE-BR40	Comment Status X nould not have been removed 2.1.8.1 Response Status O P18 Nvidia Comment Status X an confirm that the new mate ithout using a bit that's alread	d as Table 45-12 L 24 rial is inserted ir ly taken (D2.0 c	# [<u>111</u> n the correct place, in omment 136):
then: remove undersco rows Retain 1011 x x x Replace 10101x and keep remain (If there are other appropriately) Proposed Response Cl 45 SC 45. Dawe, Piers Comment Type E	ore from: the x x = reserve x x = reserve x x = reserve ing inserted er drafts after <i>Re</i> . 2.1.6	bit numbers (7 6 5 4 3 ed row with underscore ved, with "1 0 1 x x x x x rows (101011xx and be 802.3df that edit this ta sponse Status O P16 Nvidia	2 1 0) and 11 x : = reserved"(in s elow) as in draft. ble, adjust editin	x x x x x = reserved trikeout) g instruction and edits	Comment T Subclau SuggestedF Restore Proposed R Cl 45 Dawe, Piers Comment T So that the corr SuggestedF Please s 1.35.5 5	ype ER se 45.2.1.8.1 sl pemedy subclause 45.2 esponse SC 45.2.1.33 ype E the reviewers ca ect style, and wi pemedy show the rows b 0GBASE-BR40 top of the table	Comment Status X hould not have been removed 2.1.8.1 Response Status O P18 Nvidia Comment Status X an confirm that the new mate ithout using a bit that's alread below and above, if any. In th	d as Table 45-12 L 24 rial is inserted ir ly taken (D2.0 c	# [<u>111</u> n the correct place, in omment 136):

C/ 45 SC 45.2.1.33

SC 56.1.1.	1 P 2622	LO	# 121	C/ 56	SC 56.1	.3	P 2630	L 0	# 123
Dawe, Piers	Nvidia			Dawe, Pie	ers		Nvidia		
omment Type E	Comment Status X			Comment	Type E		Comment Status X		
	S, RS-FEC, and PMA sublayers	s are used to su	pport a bit rate of 50		56-2, Nome 0GBASE-BF		ire and clause correlation for F	2P systems,	includes 25GBASE-BI
Gb/s as defined in C (They aren't defined	lause 160. there, they are specified - but fo	or consistency		Suggested	lRemedy				
uggestedRemedy		r conclotonoy,					for 100GBASE-BR.	ach to save s	pace.
Add: The 100GBASE-R P Gb/s as defined in C	CS, RS-FEC, and PMA sublaye lause 168.	rs are used to s	upport a bit rate of 100	Proposed	Response		Response Status O		
roposed Response	Response Status O			C/ 80	SC 80.1	.3	P 21	L17	# 119
				Dawe, Pie	ers		Nvidia		
56 SC 56.1.3	P 2624	LO	# 122	Comment	21		Comment Status X		
awe, Piers	Nvidia			In "Cla 80-1	ause 168 for	1000	BASE-BRx", BRx is not introd	uced and it d	oes not appear in Tab
omment Type E	Comment Status X				(D				
After the paragraph f	or 50GBASE-BR			Suggested			anation to 80.1.4		
uggestedRemedy						expia	anation to 80.1.4		
Add a similar one for	100GBASE-BR			Proposed	Response		Response Status O		
Proposed Response	Response Status 0								
				CI 80	SC 80.1	.4	P 20	L 27	# 114
56 SC 56.1.3	P2627	LO	# 120	Dawe, Pie	ers		Nvidia		
awe, Piers	Nvidia	-		Comment			Comment Status X		
Comment Type E	Comment Status X			Simila it shou	r to D2.0 co uld make the	mmer cons	nt 159 "This is a long table and equential change."	this amendm	nent makes it longer, so
Table 56-1, Summar and 50GBASE-BR.	y of EFM Physical Layer signali	ng systems, incl	udes 25GBASE-BR	Suggested	lRemedy				
uggestedRemedy					,	0 Gb/	/s and 100 Gb/s PHYs, into two	tables,	
,)GBASE-BR after 50GBASE-BR		this table is too long	40 Gb and	/s PHYs				
	nange makes it longer, split the t			100 G	ib/s PHYs				
roposed Response	Response Status O			at 40 0 operat	Gb/s and 10 tion at 40 Gt	0 Gb/ b/s. Pl	Physical Layer devices listed in s." to "Physical Layer devices l hysical Layer devices listed in first (40G) sentence earlier, to	isted in Table Fable 80-2 ar	e 80-1 are defined for e defined for operation
				40GB/	ASE-T.				

 TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
 C/

 COMMENT STATUS: D/dispatched A/accepted R/rejected
 RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
 SC

 SORT ORDER: Clause, Subclause, page, line
 C

C/ 80 SC 80.1.4 Page 3 of 26 2025/5/14 20:43:48

C/ 80 SC 80.1	.4 P20	L 38	# 115	CI 80	SC 80.2.3	P 21	L 42	# 118
Dawe, Piers	Nvidia			Dawe, Piers		Nvidia		
Comment Type E	Comment Status X			Comment Ty	/pe E	Comment Status X		
down" as normal t	er of entries in Table 56-1, Table 5 for 45) and Table 80-1. The stand			As 1000 20, 40 k		for 10 km, 100GBASE-ZR is fo	or 80 km, and 10	00GBASE-BR is for
seems D then U.				SuggestedR	emedy			
SuggestedRemedy Re-order this from	n 10-D 20-D 40-D 10-U 20-U 40-U	to 10-D 10-U 20-	D 20-U 40-D 40-U.	0		R1, 100GBASE-ZR, and 1000 and 100GBASE-ZR PHYs"	GBASE-BRx PH	Ys" to "100GBASE-
Proposed Response	Response Status O			Proposed Re	esponse	Response Status O		
C/ 80 SC 80.1	.5 <i>P</i> 21	L 22	# 116	C/ 80	SC 80.2.5	P 21	L 51	# <u>7</u> 1
Dawe, Piers	Nvidia			Wienckowsk	ki, Natalie	IVN Solutions	LLC	
Comment Type E	Comment Status X			Comment Ty	vpe ER	Comment Status X		
Missing Ms in Tat				,	, nent #235 on [02.0 stated: References to ext	ernal points not	properly indicated.
Missing Ms in Tab				,		02.0 stated: References to ext	ernal points not	properly indicated.
21	ble 80-5			As comr <i>SuggestedR</i> Apply a	<i>emedy</i> character tag c	of "External" to: Clause 84, Cla	ause 89, Clause	,
Missing Ms in Tab SuggestedRemedy Add 6 Ms, 2 in ea	ble 80-5 ch column of 168			As comr <i>SuggestedR</i> Apply a	<i>emedy</i> character tag c		ause 89, Clause	,
Missing Ms in Tab SuggestedRemedy Add 6 Ms, 2 in ea	ble 80-5			As comr <i>SuggestedR</i> Apply a	<i>emedy</i> character tag c use 138, Claus	of "External" to: Clause 84, Cla	ause 89, Clause	,
Missing Ms in Tab SuggestedRemedy Add 6 Ms, 2 in ea Proposed Response	ole 80-5 ch column of 168 <i>Response Status</i> O	L 23	# [117	As comr SuggestedR Apply a 136, Cla Proposed Re	emedy character tag c use 138, Claus esponse	of "External" to: Clause 84, Cla se 140, Clause 154, and Claus <i>Response Status</i> O	ause 89, Clause se 163.	92, Clause 95, Clau
Missing Ms in Tab SuggestedRemedy Add 6 Ms, 2 in ea Proposed Response	ole 80-5 ch column of 168 <i>Response Status</i> O	L23	# [117	As comr SuggestedR Apply a 136, Cla Proposed Re Cl 80	emedy character tag c use 138, Claus esponse SC 80.2.5	of "External" to: Clause 84, Clause 140, Clause 154, and Clause 154, and Clause <i>Response Status</i> 0	L 52	
Missing Ms in Tat SuggestedRemedy Add 6 Ms, 2 in ea Proposed Response Cl 80 SC 80.1	ole 80-5 ch column of 168 <i>Response Status</i> O I. 5 <i>P</i> 21 Nvidia	L23	# [117	As comr SuggestedR Apply a 136, Cla Proposed Re C/ 80 Wienckowsk	lemedy character tag c iuse 138, Claus esponse SC 80.2.5 ki, Natalie	of "External" to: Clause 84, Cla se 140, Clause 154, and Claus <i>Response Status</i> O <i>P</i> 21 IVN Solutions	L 52	92, Clause 95, Clau
Missing Ms in Tat SuggestedRemedy Add 6 Ms, 2 in ea Proposed Response Cl 80 SC 80.1 Dawe, Piers Comment Type E Compare the orde down" as normal	ole 80-5 ch column of 168 <i>Response Status</i> O 1.5 <i>P</i> 21 Nvidia	6-3, Table 45-37	(which is "upside	As comr SuggestedR Apply a 136, Cla Proposed Re Cl 80 Wienckowsk Comment Ty	emedy character tag o luse 138, Claus esponse SC 80.2.5 ci, Natalie ype E	of "External" to: Clause 84, Clause 140, Clause 154, and Clause 154, and Clause <i>Response Status</i> 0	L 52	92, Clause 95, Clau
Missing Ms in Tat SuggestedRemedy Add 6 Ms, 2 in ea Proposed Response CI 80 SC 80.1 Dawe, Piers Comment Type E Compare the order down" as normal f seems D then U.	ch column of 168 <i>Response Status</i> O I.5 <i>P</i> 21 Nvidia <i>Comment Status</i> X er of entries in Table 56-1, Table 5	6-3, Table 45-37	(which is "upside	As comr SuggestedR Apply a 136, Cla Proposed Re Cl 80 Wienckowsk Comment Ty	character tag c iuse 138, Claus esponse SC 80.2.5 ci, Natalie ype E an extra "and"	of "External" to: Clause 84, Clause se 140, Clause 154, and Claus <i>Response Status</i> O <i>P</i> 21 IVN Solutions <i>Comment Status</i> X	L 52	92, Clause 95, Clau
Missing Ms in Tat SuggestedRemedy Add 6 Ms, 2 in ea Proposed Response Cl 80 SC 80.1 Dawe, Piers Comment Type E Compare the orded down" as normal to seems D then U. SuggestedRemedy	ch column of 168 <i>Response Status</i> O 1.5 <i>P</i> 21 Nvidia <i>Comment Status</i> X er of entries in Table 56-1, Table 5 for 45) and Table 80-2. The stand	6-3, Table 45-37 ard order is rate-i	(which is "upside reach-width, then it	As comr SuggestedR Apply a 136, Cla Proposed Ra C/ 80 Wienckowsk Comment Ty There is SuggestedR	emedy character tag c iuse 138, Claus esponse SC 80.2.5 ki, Natalie /pe E an extra "and" emedy	of "External" to: Clause 84, Clause se 140, Clause 154, and Claus <i>Response Status</i> O <i>P</i> 21 IVN Solutions <i>Comment Status</i> X	L 52	92, Clause 95, Cla
Missing Ms in Tat SuggestedRemedy Add 6 Ms, 2 in ea Proposed Response Cl 80 SC 80.1 Dawe, Piers Comment Type E Compare the orded down" as normal to seems D then U. SuggestedRemedy	ch column of 168 <i>Response Status</i> O I.5 <i>P</i> 21 Nvidia <i>Comment Status</i> X er of entries in Table 56-1, Table 5	6-3, Table 45-37 ard order is rate-i	(which is "upside reach-width, then it	As comr SuggestedR Apply a 136, Cla Proposed Ra C/ 80 Wienckowsk Comment Ty There is SuggestedR	character tag o luse 138, Claus esponse SC 80.2.5 ki, Natalie ype E an extra "and" emedy e the "and" afte	of "External" to: Clause 84, Clause se 140, Clause 154, and Claus <i>Response Status</i> O <i>P</i> 21 IVN Solutions <i>Comment Status</i> X in the sentence.	L 52	92, Clause 95, Clau

CI 80 SC 80.2.5

		1		01			
C/ 80 SC 80.2.		L 52	# 72	C/ 80 SC 80.7	P 23	L38	# 75
Nienckowski, Natalie	IVN Solutions	S LLC		Wienckowski, Natalie	IVN Solution	is LLC	
Comment Type E	Comment Status X			Comment Type E	Comment Status X		
broken link				broken link			
SuggestedRemedy				SuggestedRemedy			
fix the link to "Claus	se 168" as it is in the document.				k as it is in the document. ace to a non-breaking space.		
Proposed Response	Response Status 0			Proposed Response	0 1		
				Fioposed Response	Response Status O		
C/ 80 SC 80.4	P 22	L 6	# 124	C/ 80 SC 80.7	P23	L38	# 76
Dawe, Piers	Nvidia						# 76
Comment Type E	Comment Status X			Wienckowski, Natalie	IVN Solution	is LLC	
D0.0 1.450				Comment Type ER	Comment Status X		
	(accepted with editorial license):			As comment #235 c	n D2 0 stated [.] References to ex	xternal points not	properly indicated
	 (accepted with editorial license): this amendment makes it longer, 				n D2.0 stated: References to ex	xternal points not	properly indicated.
is a long table and change.				SuggestedRemedy			
is a long table and change. SuggestedRemedy Split the table into t		so it should mak or 40Gb/s PHYs a	ke the consequential and Sublayer delay	SuggestedRemedy Apply a character ta	n D2.0 stated: References to ex g of "External" to: Clause 73, C use 138, Clause 140, Clause 1	lause 74, Clause	71, Clause 91, Clau
is a long table and change. SuggestedRemedy Split the table into t constraints for 1000	this amendment makes it longer, two, Sublayer delay constraints fo	so it should mak or 40Gb/s PHYs a	ke the consequential and Sublayer delay	<i>SuggestedRemedy</i> Apply a character ta 95, Clause 135, Cla	g of "External" to: Clause 73, C	lause 74, Clause	71, Clause 91, Clau
is a long table and change. SuggestedRemedy Split the table into t constraints for 1000 Proposed Response	this amendment makes it longer, two, Sublayer delay constraints fo Gb/s PHYs. Then footnotes a an	so it should mak or 40Gb/s PHYs a	ke the consequential and Sublayer delay	<i>SuggestedRemedy</i> Apply a character ta 95, Clause 135, Cla 163.	g of "External" to: Clause 73, C use 138, Clause 140, Clause 1 <i>Response Status</i> O	lause 74, Clause	71, Clause 91, Clau
is a long table and change. SuggestedRemedy Split the table into t constraints for 1000 Proposed Response Cl 80 SC 80.4	this amendment makes it longer, two, Sublayer delay constraints fo Gb/s PHYs. Then footnotes a an <i>Response Status</i> O	so it should mak or 40Gb/s PHYs a d b can be simpl <i>L</i> 12	ke the consequential and Sublayer delay lified.	SuggestedRemedy Apply a character ta 95, Clause 135, Cla 163. Proposed Response	g of "External" to: Clause 73, C use 138, Clause 140, Clause 1 <i>Response Status</i> O	lause 74, Clause 52, Clause 154, (71, Clause 91, Clau Clause 161, and Cla
is a long table and change. SuggestedRemedy Split the table into t constraints for 1000 Proposed Response Cl 80 SC 80.4 Wienckowski, Natalie	this amendment makes it longer, two, Sublayer delay constraints fo Gb/s PHYs. Then footnotes a an <i>Response Status</i> O <i>P</i> 22 IVN Solutions	so it should mak or 40Gb/s PHYs a d b can be simpl <i>L</i> 12	ke the consequential and Sublayer delay lified.	SuggestedRemedy Apply a character ta 95, Clause 135, Cla 163. Proposed Response Cl 91 SC 91.5.2	g of "External" to: Clause 73, C use 138, Clause 140, Clause 1 <i>Response Status</i> 0 .7 <i>P</i> 24	lause 74, Clause 52, Clause 154, (71, Clause 91, Clau Clause 161, and Cla
is a long table and change. SuggestedRemedy Split the table into t constraints for 1000 Proposed Response CI 80 SC 80.4 Wienckowski, Natalie Comment Type ER	this amendment makes it longer, two, Sublayer delay constraints fo Gb/s PHYs. Then footnotes a an <i>Response Status</i> O <i>P</i> 22 IVN Solutions	so it should mak or 40Gb/s PHYs a d b can be simpl <i>L</i> 12 s LLC	the consequential and Sublayer delay lified.	SuggestedRemedy Apply a character ta 95, Clause 135, Cla 163. Proposed Response Cl 91 SC 91.5.2 Dawe, Piers	g of "External" to: Clause 73, C use 138, Clause 140, Clause 14 <i>Response Status</i> 0 .7 <i>P</i> 24 Nvidia <i>Comment Status</i> X	lause 74, Clause 52, Clause 154, (71, Clause 91, Clau Clause 161, and Cla
is a long table and change. SuggestedRemedy Split the table into to constraints for 1000 Proposed Response Cl 80 SC 80.4 Wienckowski, Natalie Comment Type ER As comment #235	this amendment makes it longer, two, Sublayer delay constraints fo Gb/s PHYs. Then footnotes a an <i>Response Status</i> O <i>P</i> 22 IVN Solutions <i>Comment Status</i> X	so it should mak or 40Gb/s PHYs a d b can be simpl <i>L</i> 12 s LLC	the consequential and Sublayer delay lified.	SuggestedRemedy Apply a character ta 95, Clause 135, Cla 163. Proposed Response Cl 91 SC 91.5.2 Dawe, Piers Comment Type E	g of "External" to: Clause 73, C use 138, Clause 140, Clause 14 <i>Response Status</i> 0 .7 <i>P</i> 24 Nvidia <i>Comment Status</i> X	lause 74, Clause 52, Clause 154, (71, Clause 91, Clau Clause 161, and Cla
is a long table and change. SuggestedRemedy Split the table into t constraints for 1000 Proposed Response Cl 80 SC 80.4 Wienckowski, Natalie Comment Type ER As comment #235 SuggestedRemedy	this amendment makes it longer, two, Sublayer delay constraints fo Gb/s PHYs. Then footnotes a an <i>Response Status</i> O <i>P</i> 22 IVN Solutions <i>Comment Status</i> X	so it should mak or 40Gb/s PHYs a d b can be simpl <i>L</i> 12 s LLC ternal points not	the consequential and Sublayer delay lified.	SuggestedRemedy Apply a character ta 95, Clause 135, Cla 163. Proposed Response Cl 91 SC 91.5.2 Dawe, Piers Comment Type E as modified by IEEE SuggestedRemedy	g of "External" to: Clause 73, C use 138, Clause 140, Clause 14 <i>Response Status</i> 0 .7 <i>P</i> 24 Nvidia <i>Comment Status</i> X	lause 74, Clause 52, Clause 154, C	71, Clause 91, Clau Clause 161, and Cla
is a long table and change. SuggestedRemedy Split the table into t constraints for 1000 Proposed Response Cl 80 SC 80.4 Wienckowski, Natalie Comment Type ER As comment #235 SuggestedRemedy	this amendment makes it longer, two, Sublayer delay constraints fo Gb/s PHYs. Then footnotes a an <i>Response Status</i> O <i>P</i> 22 IVN Solutions <i>Comment Status</i> X on D2.0 stated: References to ex	so it should mak or 40Gb/s PHYs a d b can be simpl <i>L</i> 12 s LLC ternal points not	the consequential and Sublayer delay lified.	SuggestedRemedy Apply a character ta 95, Clause 135, Cla 163. Proposed Response Cl 91 SC 91.5.2 Dawe, Piers Comment Type E as modified by IEEE SuggestedRemedy	g of "External" to: Clause 73, C use 138, Clause 140, Clause 13 <i>Response Status</i> 0 .7 <i>P</i> 24 Nvidia <i>Comment Status</i> X 5 Std 802.3ck-2022 5 Std 802.3db-2022 and IEEE S	lause 74, Clause 52, Clause 154, C	71, Clause 91, Clau Clause 161, and Cla

C/ 91 SC 91.5.2.7

C/ 91 SC 91.5.2.7	P 24	L 14	# 125	C/ 91	SC 91.6.3	P 25	L19	# 79
Dawe, Piers	Nvidia			Wienckow	vski, Natalie	IVN Solution	s LLC	
	Comment Status X GBASELR1,100GBASE-CR1 R1, 100GBASELR1 and 1000	BASEBR10 (tw	ice) in 91.5.3.3,	Comment As co Suggested	mment #235 on	Comment Status X D2.0 stated: References to e	xternal points not	properly indicated.
	GBASE-LR1, 100GBASE-CF	81		Apply	•	of "External" to "91.5.2.6". Response Status 0		
and so on Proposed Response	Response Status O			TTOposed	Response	Response Status		
				C/ 91	SC 91.6.3	P 25	L 25	# 80
91 SC 91.5.3.3	P 24	L 35	# 77	Wienckow	vski, Natalie	IVN Solution	s LLC	
Vienckowski, Natalie	IVN Solutions	LLC		Comment		Comment Status X		
omment Type ER	Comment Status X					D2.0 stated: References to e	xternal points not	properly indicated.
As comment #235 on D	2.0 stated: References to ext	ernal points not	properly indicated.	Suggestee	•			
uggestedRemedy						of "External" to "45.2.1.116".		
Apply a character tag of	"External" to "91.6.8".			Proposed	Response	Response Status 0		
roposed Response	Response Status O							
				C/ 91	SC 91.7.4.1	P 27	L 13	# 81
C/ 91 SC 91.5.3.3	P 24	L 36	# 78	Wienckow	vski, Natalie	IVN Solution	s LLC	
Vienckowski, Natalie	IVN Solutions	LLC		Comment		Comment Status X		
Comment Type ER	Comment Status X			broke	n link			
As comment #235 on D	2.0 stated: References to ext	ernal points not	properly indicated.	Suggestee				
uggestedRemedy						it is in the document.		
Apply a character tag of	"External" to "91.6.1".			Proposed	Response	Response Status 0		
roposed Response	Response Status 0							
				C/ 91	SC 91.7.4.1	P 27	L18	# 82
				Wienckow	vski, Natalie	IVN Solution	s LLC	
				<i>Comment</i> broke		Comment Status X		
				Suggestee fix the	-	it is in the document.		

 TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
 C/ 91

 COMMENT STATUS: D/dispatched A/accepted R/rejected
 RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
 SC 91.7.4.1

 SORT ORDER: Clause, Subclause, page, line
 SUBCLAUSE
 SUBCLAUSE
 SUBCLAUSE

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C/ 91 SC 91.7.4.2	P 28	L 7	# 83	C/ 135 SC 135.5.7	P 29	LO	# 126
Vienckowski, Natalie	IVN Solutions	LLC		Dawe, Piers	Nvidia		
Comment Type E broken link	Comment Status X			Comment Type T		o) T I	
<i>uggestedRemedy</i> fix the 91.5.3.3 link as	it is in the document.			and precoder request and let the network op	hable registers (1.600 to 1.60 status (1.605) registers, but v erator choose when to use p	we would add pre recoding (unlike (coder ability registers
Proposed Response	Response Status O			Precoding can be imp	s use is negotiated during Tra lemented or used in one or b		default) neither.
				SuggestedRemedy			
3 91 SC 91.7.4.2		L 22	# 84	network operator acco	ecoding (135.5.7) as an optio ording to experience.	n. This could be o	controlled by the
Vienckowski, Natalie	IVN Solutions	LLC		If so: in 135.5.7.2, bef	ore "a 50GBASE-R or 100GE	BASE-R PMD that	t", insert "a 100GBASE
<i>Comment Type</i> E broken link	Comment Status X			BRx PMD, or". To make what is alrea connected to 100GBA	dy a long and difficult senten SE-BRx. or	ce clearer, lay it c	out as a bulleted list:
SuggestedRemedy fix the 91.5.3.3 link as	it is in the document.			connected to PMD that are part of a C2C			
Proposed Response	Response Status 0				e 1/(1+D) mod 4 precoding ca +D) mod 4 decoding capabili		
8/ 91 SC 91.7.4.2	P 28	L 37	# 85	The PMA may optiona	ally provide 1/(1+D) mod 4 de 1+D) mod 4 precoding capab	coding capability	on each input lane. An
/ienckowski, Natalie	IVN Solutions	LLC			e service interface of a 100G		
Comment Type E broken link	Comment Status X			such a capability. Modify PICS 135.7.7.			
SuggestedRemedy					ity bits in MDIO, one for Tx a	nd one for Rx.	
fix the 91.5.3.3 link as	it is in the document.			Proposed Response	Response Status O		
Proposed Response	Response Status 0			C/ 157 SC 157.1.2	P 29	L33	# 86
				Wienckowski, Natalie	IVN Solution		
				Comment Type E broken link	Comment Status X		
				SuggestedRemedy fix the 80.1.3 link as it	is in the document		
				Proposed Response			
				FIODOSEC RESPONSE	Response Status O		

C/ 157 SC 157.1.2

C/ 157	SC 157.1.4	P 31	L 28	# 87	C/ 157 SC	157.2.2	P 32	L 8	# 91
Wienckowski,	, Natalie	IVN Solutions	s LLC		Wienckowski, Na	talie	IVN Solution	s LLC	
Comment Typ		Comment Status X			Comment Type	Е	Comment Status X		
As comme	ent #235 on D	2.0 stated: References to ex	ternal points not	properly indicated.	broken link				
SuggestedRe					SuggestedRemed	,			
,	•	f "External" to: Table 157-3, ⁻	Table 157-4, and	I Table 157-5.			n the document, and make i	t black.	
Proposed Res	sponse	Response Status O			Proposed Respor	nse	Response Status O		
C/ 157	SC 157.2.1	P 31	L 46	# 88	C/ 157 SC	157.2.3	P 32	L 36	# 93
Wienckowski,	, Natalie	IVN Solutions	S LLC		Wienckowski, Na	talie	IVN Solution	s LLC	
Comment Typ		Comment Status X			Comment Type	Е	Comment Status X		
		2.0 stated: References to ex	ternal points not	properly indicated.	broken link				
SuggestedRe	•				SuggestedRemed	•			
	•	f "External" to: Table 157-3, ⁻	Table 157-4, and	I Table 157-5.			as it is in the document.		
Proposed Res	sponse	Response Status O			Proposed Respor	nse	Response Status O		
C/ 157	SC 157.2.2	P 31	L 54	# 89	C/ 157 SC	157.2.3	P 32	L 36	# 92
						4-11-	IVN Solution	- 11 0	
Wienckowski,	, Natalie	IVN Solutions	S LLC		Wienckowski, Na	talle		S LLC	
Comment Typ	be ER	Comment Status X			Comment Type	ER	Comment Status X		
Comment Typ As comme	be ER ent #235 on D			properly indicated.	Comment Type As comment	ER #235 on Di			properly indicated
Comment Typ As comme SuggestedRe	be ER ent #235 on D omedy	Comment Status X 2.0 stated: References to ex	ternal points not		Comment Type As comment SuggestedRemed	ER #235 on D: dy	Comment Status X 2.0 stated: References to ex	ternal points not	
Comment Typ As comme SuggestedRe Apply a ch	be ER ent #235 on D medy haracter tag o	Comment Status X 12.0 stated: References to ex f "External" to: Table 157-3,	ternal points not		Comment Type As comment SuggestedRemed Apply a chara	ER #235 on Di dy acter tag of	Comment Status X 2.0 stated: References to ex "External" to: Table 157-3,	ternal points not	
Comment Typ As comme SuggestedRe Apply a cl	be ER ent #235 on D medy haracter tag o	Comment Status X 2.0 stated: References to ex	ternal points not		Comment Type As comment SuggestedRemed	ER #235 on Di dy acter tag of	Comment Status X 2.0 stated: References to ex	ternal points not	
Comment Typ As comm SuggestedRe Apply a cl Proposed Res	be ER ent #235 on D medy haracter tag o	Comment Status X 12.0 stated: References to ex f "External" to: Table 157-3,	ternal points not		Comment Type As comment SuggestedRemed Apply a chara Proposed Respon	ER #235 on Di dy acter tag of	Comment Status X 2.0 stated: References to ex "External" to: Table 157-3,	ternal points not	
Comment Typ As comm SuggestedRe Apply a cl Proposed Res	be ER ent #235 on D medy haracter tag o sponse SC 157.2.2	Comment Status X 12.0 stated: References to ex f "External" to: Table 157-3, Response Status O	ternal points not Table 157-4, and <i>L</i> 8	I Table 157-5.	Comment Type As comment SuggestedRemed Apply a chara Proposed Respon	ER #235 on Di dy acter tag of nse 157.2.4	Comment Status X 2.0 stated: References to ex "External" to: Table 157-3, <i>Response Status</i> O	tternal points not Table 157-4, and L 50	I Table 157-5.
Comment Typ As comme SuggestedRed Apply a ch Proposed Res Cl 157 Wienckowski, Comment Typ	be ER ent #235 on D medy haracter tag o sponse SC 157.2.2 , Natalie be ER	Comment Status X 12.0 stated: References to ex f "External" to: Table 157-3, Response Status O P32 IVN Solutions Comment Status X	ternal points not Table 157-4, and <i>L</i> 8	# <u>90</u>	Comment Type As comment SuggestedRemed Apply a chara Proposed Respor Cl 157 SC Wienckowski, Na Comment Type	ER #235 on D: dy acter tag of nse 157.2.4 talie ER	Comment Status X 2.0 stated: References to ex "External" to: Table 157-3, Response Status O P32 IVN Solution Comment Status X	tternal points not Table 157-4, and <i>L</i> 50 s LLC	# Table 157-5. # <u>94</u>
Comment Typ As comme SuggestedRed Apply a cl Proposed Res Cl 157 Wienckowski, Comment Typ	be ER ent #235 on D medy haracter tag o sponse SC 157.2.2 , Natalie be ER	Comment Status X 12.0 stated: References to ex f "External" to: Table 157-3, Response Status O P32 IVN Solutions	ternal points not Table 157-4, and <i>L</i> 8	# <u>90</u>	Comment Type As comment SuggestedRemed Apply a chara Proposed Respor Cl 157 SC Wienckowski, Na Comment Type	ER #235 on D: dy acter tag of nse 157.2.4 talie ER	Comment Status X 2.0 stated: References to ex "External" to: Table 157-3, Response Status O P32 IVN Solution	tternal points not Table 157-4, and <i>L</i> 50 s LLC	# Table 157-5. # <u>94</u>
Comment Typ As comme SuggestedRe Apply a cl Proposed Res Cl 157 Wienckowski, Comment Typ As comme SuggestedRe	be ER ent #235 on D medy haracter tag o sponse SC 157.2.2 , Natalie be ER ent #235 on D medy	Comment Status X 12.0 stated: References to ex f "External" to: Table 157-3, Response Status O P32 IVN Solutions Comment Status X	ternal points not Table 157-4, and <i>L</i> 8 s LLC ternal points not	# <u>90</u>	Comment Type As comment SuggestedRemed Apply a chara Proposed Respon Cl 157 SC Wienckowski, Na Comment Type As comment SuggestedRemed	ER #235 on D: dy acter tag of nse 157.2.4 talie ER #235 on D: dy	Comment Status X 2.0 stated: References to ex "External" to: Table 157-3, Response Status O P32 IVN Solution Comment Status X	tternal points not Table 157-4, and <i>L</i> 50 s LLC tternal points not	# 94

 TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
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 157

 COMMENT STATUS: D/dispatched A/accepted R/rejected
 RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
 SC
 157.2.4

 SORT ORDER: Clause, Subclause, page, line
 SORT ORDER: Clause, Subclause, page, line
 SC
 157.2.4

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C/ 157 SC 157.2.4	P 32	L 51	# 95	C/ 157 SC 157.4.2	P 33	L 48	# 99
Wienckowski, Natalie	IVN Solutions I	LLC		Wienckowski, Natalie	IVN Solution	s LLC	
Comment Type E broken link	Comment Status X			Comment Type E broken link	Comment Status X		
SuggestedRemedy fix the Table 157-6 lir	nk as it is in the document.			SuggestedRemedy fix the 80.5 link as it is	in the document.		
Proposed Response	Response Status O			Proposed Response	Response Status O		
Cl 157 SC 157.2.5	P 33	L 5	# 96	C/ 157 SC 157.4.2	P33	L 48	# 100
Wienckowski, Natalie	IVN Solutions I	LLC		Wienckowski, Natalie	IVN Solution	s LLC	
Comment Type ER	Comment Status X			Comment Type ER	Comment Status X		
As comment #235 on	D2.0 stated: References to exte	∍rnal points not	properly indicated.	As comment #235 on	D2.0 stated: References to ex	xternal points not	properly indicated.
SuggestedRemedy				SuggestedRemedy			
Apply a character tag	g of "External" to: Table 157-3, Ta	able 157-4, and	l Table 157-5.	Apply a character tag	of "External" to "116.5".		
Proposed Response	Response Status O			Proposed Response	Response Status O		
C/ 157 SC 157.2.5	P 33	L 5	# 97	C/ 157 SC 157.4.2	P33	L 49	# 101
Wienckowski, Natalie	IVN Solutions I	LLC		Wienckowski, Natalie	IVN Solution	s LLC	
Comment Type E broken link	Comment Status X			Comment Type E As comment #235 on	Comment Status X D2.0 stated: References to ex	xternal points not	properly indicated.
SuggestedRemedy				SuggestedRemedy			
fix the Table 157-6 lir	nk as it is in the document.			Apply a character tag	of "External" to "Figure 80-8"	and "Figure 116-	5".
Proposed Response	Response Status O			Proposed Response	Response Status O		
	P33	L 21	# 98	C/ 157 SC 157.6	P 34	L12	# 127
Cl 157 SC 157.3	P 33 IVN Solutions I		# 98	<i>Cl</i> 157 <i>SC</i> 157.6 Dawe, Piers	P 34 Nvidia	L12	# 127
Cl 157 SC 157.3 Wienckowski, Natalie Comment Type ER		LLC			• •	L12	# 127
Cl 157 SC 157.3 Wienckowski, Natalie Comment Type ER As comment #235 or	IVN Solutions I Comment Status X	LLC		Dawe, Piers Comment Type E	Nvidia	L12	# [<u>127</u>
Cl 157 SC 157.3 Wienckowski, Natalie Comment Type ER As comment #235 on SuggestedRemedy	IVN Solutions I Comment Status X	LLC		Dawe, Piers Comment Type E Add 100G clauses SuggestedRemedy	Nvidia		

 TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
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 157

 COMMENT STATUS: D/dispatched A/accepted R/rejected
 RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
 SC
 157.6

 SORT ORDER: Clause, Subclause, page, line
 SUBCLAUSE, SU

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C/ 157 SC 157.6	P 34	L12	# 68	C/ 168 SC 168.1	P 27	L13	# 30
Wienckowski, Natalie	IVN Solutions	LLC		Zimmerman, George	ADI,APLgp,0	Cisco,Marvell,OnS	Semi,Sony,SenTekse
Comment Type E broken link	Comment Status X			<i>Comment Type</i> T Physical implementat	Comment Status X ion of the CGMII is optional, b	ut that is not wha	D2.0 unresolved t Figure 168-1 shows.
SuggestedRemedy				SuggestedRemedy			
fix the Clause 45 link a	as it is in the document.				MII at line 13. Add text of "NC)TE - Physical imp	plementation of CGMII
Proposed Response	Response Status O			is optional" at line 29 Proposed Response	Response Status O		
C/ 157 SC 157.6	P 34	L14	# 67	C/ 168 SC 168.1	P35	L 34	# 128
Wienckowski, Natalie	IVN Solutions	LLC		Dawe, Piers	Nvidia		
Comment Type ER	Comment Status X D2.0 stated: References to ex	tornal points po	properly indicated	Comment Type E	Comment Status X		
Clause 160 is not in th			property indicated.		B, 83D and 83D be together? ow, but 162 has 91 above all t		all be above 91 FEC,
SuggestedRemedy	of "External" to "Clause 160".			SuggestedRemedy			
Proposed Response				Swap 83 and 91, or n	nove 91 to below 83E		
Froposed Response	Response Status O			Proposed Response	Response Status O		
C/ 168 SC 168.1	P 27	L 9	# 33				
Dawe, Piers	Nvidia			C/ 168 SC 168.1	P35	L 35	# 129
Comment Type E	Comment Status X		D2.0 unresolved	Dawe, Piers	Nvidia		
In 157, this figure inclu	Ides OAM (OPTIONAL)			Comment Type T	Comment Status X		· · · · · · ·
SuggestedRemedy Do the same here?					terleaved FEC. I believe that way off). There is a 100G RS enable bit (1.200.6).		
Proposed Response	Response Status O			SuggestedRemedy			
				152—Inverse RS-FEC 161—RS-FEC-Int Op b Inverse RS-FEC is In Table 80-5, betwee Add a 100G RS-FEC 1.201). Add text in 168.1 say robustness, determin the link to use it.	tional required to convert between R en 91 and 135, insert 152 and -Int ability bit, e.g. in 45.2.1.11 ing that a network operator ca ing if both ends of the link hav	S-FEC and RS-F 161: O for all 100 7 RS-FEC status n use interleaved	GBASÈ-BR. register (Register FEC for improved
				Add these registers to	tables 168-2 and 3.		

 TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
 C/
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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
 168.1
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 SORT ORDER: Clause, Subclause, page, line
 SC
 168.1
 2025/5/14 20:43:48

C/ 168	SC 168.1	P 45	L 29	# 69	C/ 168	SC 1	68.5.1	P30	L8	# 1
	ski. Natalie	IVN Solutions		π 03	Ran. Adee		00.5.1	Cisco Systems	-	π [
Comment	,	Comment Status X	220		Comment		TR	Comment Status X		D2.0 unresolved
Refere followi	nces to external	points not properly indicated. in the document: 81, 82, 83,			The tit	le of 168	.5.1 is "F	PMD block diagram", but the bl i/receive path.	ock diagram i	
Suggested	Remedy							prrect heading exists in many p new clause.	revious claus	es, but an error should
Apply	a character tag o	of "External" to "Clause 160".						is being used in similar subcla	uses in P802	.3dj.
Proposed	Response	Response Status 0			Suggested	 IRemedy	,			
					Chang	e the su	bclause t	title from "PMD block diagram"	to "Block dia	gram".
C/ 168	SC 168.1	P45	L 36	# 70	Proposed I	Respons	Se .	Response Status O		
	ski, Natalie	IVN Solutions	LLC							
Comment broker	51	Comment Status X			C/ 168 Dudek, Mil		68.5.1	P 30 Marvell	L 38	# 57
S <i>uggested</i> fix the		in the document.			<i>Comment</i> poor E		E	Comment Status X		D2.0 unresolved
Proposed	Response	Response Status O			Suggested Delete	,		not typically be accessible"		
C/ 168	SC 168.3.2	P 29	L 2	# 27	Proposed I	Respons	e	Response Status O		
Zimmerma	in, George	ADI,APLgp,Ci	sco,Marvell,OnS	Semi,Sony,SenTekse						
Comment	Type TR	Comment Status X		D2.0 unresolved	C/ 168	SC 1	68.5.1	P 30	L 39	# 34
		fact. The limitation on the sk			Dawe, Pie	rs		Nvidia		
		nts in 83.5.3.4 go further and s 3.4 was mentioned earlier def			Comment	Туре	Е	Comment Status X		D2.0 unresolved
		ere is where that should be st			This sa	ays "TP1	and TP4	4 (these test points are not t	ypically be ac	cessible in an
Suggested	Remedy							out this is outdated. Clause 16		
Chang	e "Skew at SP2	is limited to 43 ns as defined l	oy 83.5.3.4" to "	Skew and skew			not typic	ear optical modules are feasib cally be"	e at 100G/lar	ie now, at least for DR.
		comply with the requirements of	of 83.5.3.4"		Suggested					
Proposed	Response	Response Status 0			Chang	je "are no	ot typical	ly be" to "might not be"		
					Proposed	_		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 U/unsatisfied Z/withdrawn SORT ORDER: Clause, Subclause, page, line

C/ 168	SC 168.5.4	P 31	L 25	# 35	C/ 168	SC 168.6	P 32	L 40	# 32
Dawe, Pie	ers	Nvidia			Huber, Thor	nas	Nokia		
Comment	Туре Т	Comment Status X		D2.0 unresolved	Comment Ty	/pe T	Comment Status X		D2.0 unresolved
manag	ged the same as presence of the c	es have "global" in their name nultilane PHYs, saying that S ptical signal isn't really right.			channel that the	requirements	ning BR40 working with BR20 of are met is helpful, but it seems perates with a BR10 PMD as lo	s incomplete. W	ould is also not be true
00	e "global" here an	t in PICS E10			SuggestedR	emedy			
	Response	Response Status O					ore generic: "A longer reach Pl hannel requirments of the shor		
					Proposed R	esponse	Response Status 0		
C/ 168	SC 168.5.9	P 32	L 21	# 31					
Huber, Th	omas	Nokia			C/ 168	SC 168.6	P 32	L 40	# 58
Comment	Type E	Comment Status X		D2.0 unresolved	Dudek, Mike	9	Marvell		
The fir	rst sentence of thi	s clause is a comma splice.			Comment Ty	/pe TR	Comment Status X		D2.0 unresolved
PMDs	ce the comma wit	h a semicolon, split into two e PMD_receive_fault functior he 100GBASE-BRx-D PMD.'	n is mandatory i		100GBA 100GBA	SE-BR10 and SE-BR10 and	e that the 100GBASE-DR40 P 1 100GBASE-BR20 provided th 1 100GBASE-BR20 are met, h ts for interoperation between 1	e channel requi owever section	rements for 168.11 includes
Proposed	Response	Response Status O			for inter- output p	operation bet	of minimum losses. Section 1 ween 100GBASE-BR40 and 10 BBASE-BR40 in the off state is el of -20dBm.	00GBASE-10 an	d the minimum Tx
C/ 168	SC 168.5.10	P 41	L 28	# 102	SuggestedR	emedy			
Wienckow	/ski, Natalie	IVN Solutions	LLC		add "ex	cept that the	channel losses are specified in	section 168.11"	. Add an appropriate
Comment As cor		Comment Status X 2.0 stated: References to ext	ernal points not	properly indicated.	table for 168.11	the inter-ope	ration between 100GBASE-BR	40 and 100GBA	SE-BR10 to section
	dRemedy				Proposed R	esponse	Response Status 0		
Suaaestec				an of "External" to					
Suggested Remo "157.5		which goes no where, and ap	ply a character	ag of External to					

Cl 168 SC 168.6

CI 168	SC 16	6.8	P 32	L 53	# 2	C/ 168	SC 168.6.1	F	233	L 28	# 4
Ran, Adee	e		Cisco System	ıs, Inc.		Ran, Adee		Cise	co System	s, Inc.	
Comment	Туре	т	Comment Status X		D2.0 unresolved	Comment T	ype ER	Comment Statu	ıs X		D2.0 unresolved
distan	ce". This i	is not an o	FEC correction function m otion, so "may" is inapprop out optical specifications.	oriate. Also, this s		indicate	_	,			This should be Table 167-8, to clarify
		the same a new claus	text exists in many previou se.	us clauses, but a	n error should not be		ase "for 1.4 c ed to improve		ECQ) <= 1	ſDECQ(max)" is	overly long and can be
Suggested	Remedy					SuggestedF	Remedy				
Table	168-1, sta	ating "The o	ole 168-5, and instead add option to perform error det FEC error correction shal	tection without er	ror correction (see			starting with "for". = max(TECQ, TDEC	Q) <= TDE	CQ(max)" to "fo	r max(TECQ, TDECQ)
Proposed	Response)	Response Status O			Proposed R	esponse	Response Statu	s O		
C/ 168	SC 16	8.6.1	P33	L11	# 3	C/ 168	SC 168.6.1	F	°33	L 36	# 6
Ran, Adee	Э		Cisco System	ıs, Inc.		Ran, Adee		Cise	co System	s, Inc.	
Comment	Туре	TR	Comment Status X		D2.0 unresolved	Comment T	ype TR	Comment Statu	ıs X		D2.0 unresolve
ppm, t	o avoid p	ossible per	cent PMDs with 100 Gb/s formance degradatation. d in Annex 120F and 1200			The def undersh	initions in sul loot, while "o	der -shoot" is shorthan oclause 168.7.7 are a ver/under-shoot" is no has been changed to	ctually to to to to to to to to to the second se	wo different para at all.	ameters, overshoot and
			PMDs in 802.3df, Table 1 ple of how this is impleme			,		ubclause 168.7.7 shoi older clauses.	uld be alig	ned with the rece	ent text in 802.3db
	Remedy					SuggestedF	Remedy				
Suggested	1. 100 0	and Table	168-7, change the signalin	اع rate range to	53.125 +/- 50 ppm.	Change	the label to	Overshoot/undershoo	ot (max)".		
	le 168-6 a					Change	the text in 1	68.7.7 to align it with 1	167.8.8 in 8	802.3db-2022.	
		Э	Response Status O			Change	in Table 168	–10 and elsewhere a			

C 168 SC 168.6.1	P33	L 36	# 26	C/ 168	SC 168.6.1	P 34	L1	# 5
Stassar. Peter	, 33 Huawei	200	$\pi 20$	Ran. Adee	00 100.0.1	Cisco System	-	# <u>0</u>
omment Type ER	Comment Status X		D2.0 unresolved	Comment Ty	pe T	Comment Status X	13, 1110.	D2.0 unresolv
This draft still uses "c	over/undershoot", In P802.3dj it ". Also in 168.7,1 and 168.7.7	was recently ag		Equation	, is 168-1 throu	gh 168-3 are not equations - tontext, which is Table 167-7.	hey are express	
In 168.7.1, Table 168 undershoot". Change	nsmitter over/under -shoot" to " B-10 change "Over/under-shoot heading of 168.7.7 from "Over paragraphs 1 and 2 of 168.7.7 o <i>Response Status</i> 0	" to "Transmitter r/under-shoot" to	overshoot and "Transmitter overshoot	SuggestedR	emedy ese expressior s.	rvice to the reader if these exp ns into Table 168-8, OMA_out <i>Response Status</i> O		
7 168 SC 168.6.1	P33	L 46	# 36	C/ 168	SC 168.6.1	P 42	L 29	# 130
Dawe, Piers	Nvidia	240	# 30	Dawe, Piers Comment Ty	pe E	Nvidia Comment Status X		
and others with 15.6 SuggestedRemedy	Comment Status X h testing some transmitters for dB. The cost in paperwork ma 5.6 to 15 here and in Table 168	y outweigh any d	ifference in yield.	Missing SuggestedRo Fix Proposed Re	emedy	per, non-functioning cross-refe Response Status 0	erences	
0	become RIN15OMA. hile, the discrete reflectances f cal return loss in Table 168-12 <i>Response Status</i> O			3 (6) PM SuggestedR	, oved readabili Ds emedy	P 42 Nvidia <i>Comment Status</i> X ty, where the parameter limits		
						s, merge and straddle the trip reflectance in Table 168-7.	ie entries for tra	nsmitter over/under -

C/ 168	SC 168.6.1	P 42	L51	# 132	C/ 168	sc ·	168.6.3	P 44	L18	# 62
Dawe, Pie		Nvidia	5.		Maniloff, E			Ciena		
Comment		Comment Status X			Comment		TR	Comment Status X		
This sa that in max(1 max(-2	ays "Even though Clause 140, they .1, -0.3+max(TEC 2.3, -3.7+max(TE	the representation of the OM are consistent". Here, OMA CQ, TDECQ)) CQ, TDECQ))		nent is different from	Penalt more f and M	y alloca or the 2 PI pena	0 & 40km Ities. DGI	ide 0.9dB more than TDECQ specs. Penalty allocations no 0 is 3.1/3.9/5.0 ps for 10/20/4 0 kms would be ≥ those for 1	ormally include 0km specs. The	allocations for DGD
max(5 140 ha	.3, 3.9+max(TEC	Q, TDECQ)).			Suggested	Remed	'y			
max(-(max(1 They a one in ratio.	0.1, -1.5+TDECQ .1, -0.3+max(TDE are not the same, cludes TECQ and	•			0.1dB penalt approv at the recom	for the E y for for < 0.1 to (higher lo	BR20 DG both BR 0.15 dB D oss. Using d, resulting	nuai_3cu_adhoc_050119.pdf D spec. MPI allocation should 10 and BR20 is recommende IGD penalty, however this will g 0.9dB additional penalty for g in total allocations for penalt	be comparabled. For BR40 the be offset by the BR10, BR20, a	e hence having 0.9dB ere is an additional e reduced MPI penalty and BR40 is
Suggested Delete	,	s unnecessary. The spec is a	clear without it		Proposed	Respon	se	Response Status 0		
	Response	Response Status O								
Toposeu	Response	Response Status U			C/ 168	sc ·	168.7.1	P 36	L1	# 7
C/ 168	SC 168.6.3	P35	L14	# 37	Ran, Adee)		Cisco System	s, Inc.	
Dawe, Pie		Nvidia	214	# 01	Comment	Туре	TR	Comment Status X		D2.0 unresolved
Comment	Туре Т	Comment Status X ht for the wavelengths conce	rned: see comn	D2.0 unresolved nent against 168.9		ions; wh) is incorrect. It does not inclu ins is the mapping of parame		•
Suggested Chang	-	1); change 10.6 to 10.3 (or 10	0.4)		carried	d over to		ne title exists in many previou ause. It has been corrected ir		
Proposed	Response	Response Status 0						-15.		
					Suggested Chang subcla	, e the tit	•	e 168-10 to "Mapping of para	meters to test p	patterns and related
					Proposed	Respon	se	Response Status 0		

C/ 168 SC 168.7.1	P 49	L 45	# 104	C/ 168	SC 168.7.4	P 36	L 46	# 14
Dawe, Piers	Nvidia			Johnson, Joh	n	Broadcom		
Comment Type T	Comment Status X			Comment Typ	oe TR	Comment Status X		D2.0 unresolved
After RIN measurement	t is improved (D2.0 comments	s 94 and 191), th	e only use for square	Add text t	o clarify the r	eference receiver used to meas	ure OMAoute	er, refering to the

After RIN measurement is improved (D2.0 comments 94 and 191), the only use for square wave in the standard will be as an alternative to SSPRQ for measuring transmitter transition time (but it relies on 20% and 80% of OMAouter; OMAouter is measured with PRBS13Q or SSPRQ, not square wave, so it's not practical anyway). But transmitter transition time goes with TECQ, extinction ratio, overshoot and undershoot; they can all be obtained from the same measurement with SSPRQ. There is no need for the standard to mandate a second way. Square wave is a very untypical pattern which should not be recommended if there is a practical alternative.

SuggestedRemedy

Proposed Response

Delete square wave from tables 168-9 and 168-10. Someone who wants to use it still can, because it still exists in 120.5.11.2.5, and the registers to advertise it and control it still exist in 45, but we should not encourage it in future.

C/ 168	SC 168.7.4	P 36	L 41	# 22
Mi, Guang	jcan	Huawei Tech	nologies Co., Ltd	
Comment	Type TR	Comment Status X		D2.0 unresolved
	t clauses has bee 3 as well.	n pointing out the source of (OMAout data. Re	commend to add in

Response Status 0

SuggestedRemedy

add "OMAouter is measured using waveforms captured at the output of the reference receiver defined in 168.7.5, before the reference equalizer.

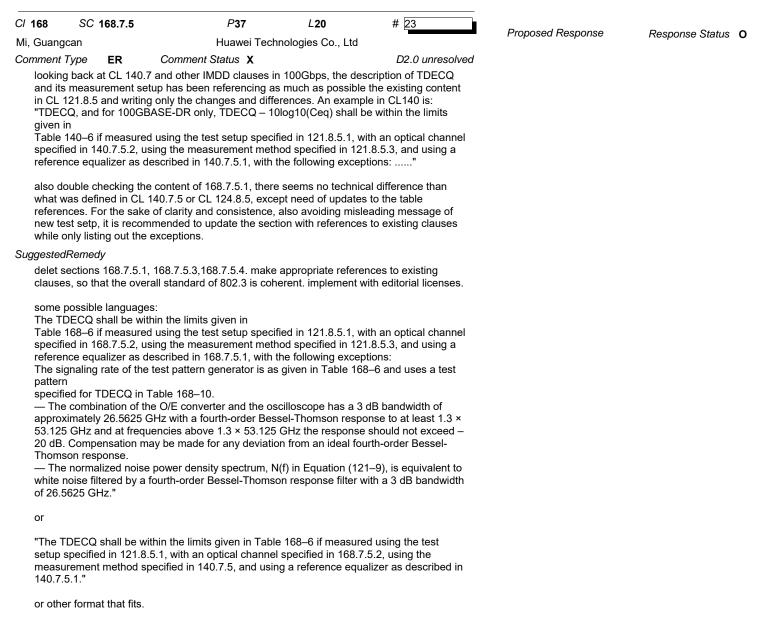
Proposed Response Response Status **O**

definitions in 168.7.5. SuggestedRemedy Add the following sentence to the end of the paragraph:

"OMAouter is measured using waveforms captured at the output of the reference receiver defined in 168.7.5, before the reference equalizer."

Proposed Response Response Status **0**

C/ 168 SC 168.7.4 Page 16 of 26 2025/5/14 20:43:48



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/ 168	SC 168.7.5	P 37	L 21	# 15
Johnson, J	ohn	Broadcom		
Comment 7	Type TR	Comment Status X		D2.0 unresolved

The TDECQ test method in 168.7.5 needlessly reiterates the definitions in 121.8.5. The text of 168.7.5.1 lists test method exceptions that should be in 168.7.5.3. 168.7.5.3 has a single exception for the FFE (which is not needed because it is the same as 121.8.5.4). This clause should reference 121.8.5 and list a complete set of test method exceptions specific to Cl. 168.

SuggestedRemedy

Follow the specification method of 802.3dj D1.5, Cl.180.9.5, which includes improved descriptions of the reference receiver that are used in other test method sub-clauses. Remove sub-clauses 168.7.5.1, 168.7.5.3 and 168.7.5.4. (168.7.5.2 becomes 168.7.5.1) Replace the text in 168.7.5 with the following:

The TDECQ of each lane shall be within the limits given in Table 168-6 if measured using the methods

specified in 121.8.5.1, 121.8.5.3, 121.8.5.4 and 168.7.5.1, with the following exceptions: — The signaling rate of the test pattern generator is as given in Table 168-6 and uses the test pattern

specified for TDECQ in Table 168-10.

— The reference receiver, composed of the combination of the O/E converter and the oscilloscope, has

a 3 dB bandwidth of approximately 26.5625 GHz with a fourth-order Bessel-Thomson response to at

least 1.3 \times 53.125 GHz, and at frequencies above 1.3 \times 53.125 GHz, the response should not exceed

 $-20~\mathrm{dB}.$ Compensation may be made for any deviation from an ideal fourth-order Bessel-Thomson

response.

— The normalized noise power density spectrum N(f) is equivalent to white noise filtered by a fourth order

Bessel-Thomson response filter with a 3 dB bandwidth of 26.5625 GHz.

— The optical return loss is as given in Table 168-6.

— The lowest measured TDECQ values are achieved with the equalizer optimization method described

in 121.8.5. Alternative optimization methods such as minimum mean squared error (MMSE) may be

used to determine equalizer tap weights to reduce test time, and are expected to report equal or

higher values of TDECQ. These alternative methods should not be used for receiver sensitivity and

stressed receiver sensitivity calibration.

Proposed Response Response Status O

C/ 168	SC 168.7.5.1	P 38	L 5	# 38
Dawe, Piers		Nvidia		
Comment Ty	vpe E	Comment Status X		D2.0 unresolved

This long sentence with two clauses is hard to understand. In a few places such as 150.8.5, 150.8.7, 150.8.10 and 151.8.1 it has been divided into two sentences.

SuggestedRemedy

Change "GHz and at frequencies" to "GHz. At frequencies", here and in 168.7.10.

Proposed Response Response Status **O**

C/ 168	SC 168.7.5	.3 P38	L 53	# 39
Dawe, Pie	ers	Nvidia		
Comment	Туре Т	Comment Status X		D2.0 unresolved
More	exceptions			

SuggestedRemedy

The signaling rate of the test pattern generator is as given in Table 168-6 and uses a test pattern specified for TDECQ in Table 168–10.

There are no interfering optical lanes and therefore the delay requirement of at least 31 UI between test pattern on one lane and any other lane, as specified in 121.8.5.1, is redundant. [Stated above — The combination of the O/E converter and the oscilloscope has a 3 dB bandwidth of approximately 26.5625 GHz with a fourth-order Bessel-Thomson response to at least 1.3 × 53.125 GHz. At frequencies above 1.3 × 53.125 GHz the response should not exceed –20 dB. Compensation may be made for any deviation from an ideal fourth-order Bessel-Thomson response.]

The normalized noise power density spectrum, N(f) in Equation (121–9), is equivalent to white noise filtered by a fourth-order Bessel-Thomson response filter with a 3 dB bandwidth of 26.5625 GHz.

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

C/ 168 SC 168.7.5.3 Page 18 of 26 2025/5/14 20:43:48

	5.4 <i>P</i> 39	L19	# 40	C/ 168	SC 168.7.7	P 39	L 37	# 16
Dawe, Piers	Nvidia			Johnson, Jol	าท	Broadcom		
Comment Type T	Comment Status X		D2.0 unresolved	Comment Ty	pe TR	Comment Status X		D2.0 unresolved
troublesome for the	d a main tap at 0.8 would be unh receiver. The over/under-shoot	spec may catch ma	any such signals. If		to clarify the re itions in 168.7	eference receiver used to mea .5.	sure TX over/ur	ndershoot, refering to
it catches them all, to them, tightening this	ightening this limit will make no o limit will be helpful	difference. If it does	sn't catch all of	SuggestedRe	emedy			
SuggestedRemedy						e reference equalizer being a		
Change 0.8 to 0.85				equalize		e reference receiver defined ir	1 168.7.5, Defore	e the reference
Proposed Response	Response Status 0			Proposed Re	esponse	Response Status O		
C/ 168 SC 168.7.7	7 P39	L31	# 24	C/ 168	SC 168.7.8	P40	L17	# 17
Mi, Guangcan	Huawei Techr	nologies Co., Ltd		Johnson, Jol	าท	Broadcom		
Comment Type ER	Comment Status X	-	D2.0 unresolved	Comment Ty	pe TR	Comment Status X		D2.0 unresolved
There seems to be r regarding the calcula	no change from the method defin ation.	ned in CL 140. refer	ence to CL 140		to clarify the re itions in 168.7	eference receiver used to mea .5.	sure TX power	excursion, refering to
SuggestedRemedy				SuggestedRe	emedy			
	rom CL 151, and update the refe				he output of th	e reference equalizer being ap e reference receiver defined ir		e the reference
measured using a te	est	0		Proposed Re		Response Status O		
	over/under-shoot in Table 151– ershoot are measured using the v		for the TDECQ test	,	,			
Overshoot and unde	e waveform captured for the TE			C/ 168	SC 168.7.9	P 40	L 32	
(see 151.8.5) and th	being applied in each case.			01100				# 18
(see 151.8.5) and th reference equalizer l	being applied in each case. ershoot are calculated using the i	methods in 140.7.7	н -	Johnson, Jol	าท	Broadcom	-02	# 18
(see 151.8.5) and th reference equalizer l	being applied in each case.	methods in 140.7.7	."			Broadcom Comment Status X	-02	
(see 151.8.5) and th reference equalizer l Overshoot and unde	being applied in each case. ershoot are calculated using the r	methods in 140.7.7		Johnson, Jol Comment Ty Add text	pe TR			D2.0 unresolved
(see 151.8.5) and th reference equalizer l Overshoot and unde	being applied in each case. ershoot are calculated using the r	methods in 140.7.7		Johnson, Jol Comment Ty Add text	pe TR to clarify the ro is in 168.7.5.	Comment Status X		D2.0 unresolved
(see 151.8.5) and th reference equalizer l Overshoot and unde	being applied in each case. ershoot are calculated using the r	methods in 140.7.7		Johnson, Jol Comment Ty Add text definition SuggestedRo Add the t "The exti	pe TR to clarify the re is in 168.7.5. <i>emedy</i> following to the nction ratio is	Comment Status X	sure extinction r	D2.0 unresolved

<u></u>											
C/ 168	SC 168.7.1	0 P 4 0		L 41	# 19	C/ 168	SC 168.7.11		P 40	L 53	# 41
Johnson, J	John	Broade	com			Dawe, Pie	s	I	Nvidia		
Comment	Type TR	Comment Status	Х		D2.0 unresolved	Comment	Гуре Т	Comment Si	tatus X		D2.0 unresolve
	ning it in this cla	er is previously defined i ause.	n 168.7.5, so	o it can be ref	erenced rather than	these of literatu	lays, but with the re). This has the	e scope method	described in	P802.3dj 180.9.	d described in 52.9.6 11 (and T&M vendor's by-product of a TECQ
00	the following t	evt.				measu	rement.				
"as me	easured throug	h an O/E converter and				Suggestea	Remedy				
× 53.12 –20 dE	25 GHz and at 3. Compensatio	625 GHz with a fourth-c frequencies above 1.3 › on may be made for any	< 53.125 GH	z the respons	e should not exceed	180.9.		the optical returi	n loss(es) an	ntents of 168.7.1 d reference Rx b	1 with a copy of andwidth of this clause.
Replac "The tr		ition time is measured ι			at the output of the	Proposed	Response	Response St	atus O		
		fined in 168.7.5, before		e equalizer."		C/ 168	SC 168.7.11		P 41	L 3	# 8
Proposed I	Response	Response Status	0			Ran, Adee			Cisco Systen		
									CISCO Syster	IIS, INC.	
								Comment Si	,	ns, mc.	D2.0 unresolve
C/ 168	SC 168.7.1	1 <i>P</i> 40		L 5 1	# 25	Comment	Гуре Т	Comment Si	tatus X	ould be 53.125 (D2.0 unresolve GHz, not 53.2.
			ei Technolog		# 25	Comment	<i>Type</i> T gnaling rate is 53	Comment Si	tatus X		
C/ 168 Mi, Guang Comment :	can		ei Technolog		# 25 D2.0 unresolved	Comment The sig Suggested	<i>Type</i> T gnaling rate is 53 <i>Remedy</i>	Comment Si	tatus X		
Mi, Guang Comment 802.3 d update with w	can <i>Type</i> TR dj has extensive the definition hat is being use	Huawe	ei Technolog X tion of RINxC er describes ontribution fr	ies Co., Ltd DMA. Consen the actual be rom Ahmad a	<i>D2.0 unresolved</i> sus were made to haviour and aligns	Comment The sig Suggested Chang Proposed	<i>Type</i> T gnaling rate is 53 <i>Remedy</i> e per comment. <i>Response</i>	Comment Si	tatus X e number sh atus O		GHz, not 53.2.
Mi, Guang Comment 802.3 o update with wh https://	can <i>Type</i> TR dj has extensive the definition hat is being us /www.ieee802.	Huawe Comment Status ely discussed the definit of RINxOMA which bette ed in the field. Related c	ei Technolog X tion of RINxC er describes ontribution fr	ies Co., Ltd DMA. Consen the actual be rom Ahmad a	<i>D2.0 unresolved</i> sus were made to haviour and aligns	Comment The sig Suggested Chang	<i>Type</i> T gnaling rate is 53 <i>Remedy</i> e per comment.	<i>Comment</i> Si 125 GBd, so th	<i>tatus</i> X he number sh		
Mi, Guang Comment 802.3 d update with wh https://	can <i>Type</i> TR dj has extensive the definition hat is being us /www.ieee802.	Huawe Comment Status ely discussed the definit of RINxOMA which bette ed in the field. Related c org/3/dj/public/24_09/ch	ei Technolog X tion of RINxC er describes ontribution fr	ies Co., Ltd DMA. Consen the actual be rom Ahmad a	<i>D2.0 unresolved</i> sus were made to haviour and aligns	Comment The sig Suggested Chang Proposed	<i>Type</i> T gnaling rate is 53 <i>Remedy</i> e per comment. <i>Response</i> SC 168.7.12	Comment Si 125 GBd, so th Response St	tatus X e number sh atus O		GHz, not 53.2.
Mi, Guang Comment 802.3 d update with wi https:// Suggested align to	can <i>Type</i> TR dj has extensive the definition hat is being use /www.ieee802. <i>Remedy</i> to what is define	Huawe Comment Status ely discussed the definit of RINxOMA which bette ed in the field. Related c org/3/dj/public/24_09/ch	ei Technologi X tion of RINxC er describes ontribution fr ayeb_3dj_01	ies Co., Ltd DMA. Consen the actual be rom Ahmad a	<i>D2.0 unresolved</i> sus were made to haviour and aligns	Comment The sig Suggested Chang Proposed	<i>Type</i> T gnaling rate is 53 <i>Remedy</i> e per comment. <i>Response</i> <i>SC</i> 168.7.12 Ke	Comment Si 125 GBd, so th Response St	tatus X e number sh atus O P 41 Marvell		GHz, not 53.2.
Mi, Guang Comment 802.3 d update with wi https:// Suggested align to	can <i>Type</i> TR dj has extensive the definition hat is being use /www.ieee802. <i>Remedy</i> to what is define	Huawe Comment Status ely discussed the definit of RINxOMA which bette ed in the field. Related c org/3/dj/public/24_09/ch	ei Technologi X tion of RINxC er describes ontribution fr ayeb_3dj_01	ies Co., Ltd DMA. Consen the actual be rom Ahmad a	<i>D2.0 unresolved</i> sus were made to haviour and aligns	Comment The sig Suggested Chang Proposed I Cl 168 Dudek, Mii Comment	Type T gnaling rate is 53 Remedy e per comment. Response SC 168.7.12 Ke Type T re 168-6 "meets	Comment Si 125 GBd, so th Response St Comment Si	tatus X le number sh atus O P41 Marvell tatus X	ould be 53.125 C	GHz, not 53.2. # <u>59</u>
Mi, Guang Comment 802.3 d update with wi https:// Suggested align to	can <i>Type</i> TR dj has extensive the definition hat is being use /www.ieee802. <i>Remedy</i> to what is define	Huawe Comment Status ely discussed the definit of RINxOMA which bette ed in the field. Related c org/3/dj/public/24_09/ch	ei Technologi X tion of RINxC er describes ontribution fr ayeb_3dj_01	ies Co., Ltd DMA. Consen the actual be rom Ahmad a	<i>D2.0 unresolved</i> sus were made to haviour and aligns	Comment The sig Suggested Chang Proposed a Cl 168 Dudek, Mii Comment In Figu	Type T gnaling rate is 53 Remedy e per comment. Response SC 168.7.12 Re Type T re 168-6 "meets eted.	Comment Si 125 GBd, so th Response St Comment Si	tatus X le number sh atus O P41 Marvell tatus X	ould be 53.125 C	GHz, not 53.2. # <u>59</u> D2.0 unresolve
Mi, Guang Comment 802.3 d update with wi https:// Suggested	can <i>Type</i> TR dj has extensive the definition hat is being use /www.ieee802. <i>Remedy</i> to what is define	Huawe Comment Status ely discussed the definit of RINxOMA which bette ed in the field. Related c org/3/dj/public/24_09/ch	ei Technologi X tion of RINxC er describes ontribution fr ayeb_3dj_01	ies Co., Ltd DMA. Consen the actual be rom Ahmad a	<i>D2.0 unresolved</i> sus were made to haviour and aligns	Comment The sig Suggested Chang Proposed I C/ 168 Dudek, Mi Comment In Figu be del	Type T gnaling rate is 53 Remedy e per comment. Response SC 168.7.12 Re Type T re 168-6 "meets eted.	Comment Si 125 GBd, so th Response St Comment Si	tatus X le number sh atus O P41 Marvell tatus X	ould be 53.125 C	GHz, not 53.2. # <u>59</u> D2.0 unresolve

C/ 168 SC 168.7.12	2 <i>P</i> 41	L 7	# 11	C/ 168	SC 168.7.12	P 41	L15	# 12
Ran, Adee	Cisco System	ns, Inc.		Ran, Adee		Cisco Syster	ms, Inc.	
Comment Type ER	Comment Status X		D2.0 unresolved	Comment Ty	/pe TR	Comment Status X		D2.0 unresolved
Figure 168-6 is a bitma	ap with poor quality.					ion constraints" appears bet en these lines, which is inco		uggests that the
SuggestedRemedy					0	en mese lines, which is inco	neci.	
Replace the figure with	h an SVG one.			SuggestedR Move th	e label below th	e bottom line		
Proposed Response	Response Status O			Proposed Re		Response Status O		
				i iopoodu i k	0000100			
C/ 168 SC 168.7.12	2 P 41	L 8	# 42	C/ 168	SC 168.7.12	P 41	145	# 00
Dawe, Piers	Nvidia						L15	# <u>29</u>
Comment Type E	Comment Status X		D2.0 unresolved	Zimmerman		011	Jisco,Marvell,On	Semi,Sony,SenTekse
This figure is a bitmap	; grey and unclear			Comment Ty		Comment Status X		D2.0 unresolved
SuggestedRemedy						aints" cannot possibly be rig it the axis says OMAouter(d		
Insert the figure the pro		Getter grapine in	the pul,	equation	e sensitive to a	signal with an OMA of the l	level of equations	168-4 168-5 and 168-
Use black font; Make the axes black.	Response Status O	9. up	uio pui,	should b 6 (deper label neo bottom s	nding on the PH eds to be 3 diffe side of the line	i signal with an OMA of the l IY type) (but can be sensitiv erent labels, each indicating . The equations need more bw well enough what you me	e to a lower level which line they a words to describ	signal)? If so, the re for, and on the e the measurement.
Use black font; Make the axes black. Proposed Response	Response Status O			should b 6 (deper label neo bottom s	nding on the PH eds to be 3 diffe side of the line /, but I don't kno	IY type) (but can be sensitiv erent labels, each indicating . The equations need more	e to a lower level which line they a words to describ	signal)? If so, the re for, and on the e the measurement.
Use black font; Make the axes black. Proposed Response Cl 168 SC 168.7.12	Response Status O	L9	# <u>43</u>	should b 6 (deper label ne bottom s l'm sorry <i>SuggestedR</i> See con	nding on the PH eds to be 3 diffe side of the line /, but I don't kno ?emedy nment. Adjust I	IY type) (but can be sensitiv erent labels, each indicating . The equations need more ow well enough what you me ocation of "Meets equation of	te to a lower level which line they a words to describ eant to write a goo constraints" so the	signal)? If so, the re for, and on the e the measurement. od solution. at it meets all 3 lines.
Use black font; Make the axes black. Proposed Response Cl 168 SC 168.7.12 Dawe, Piers	Response Status O P41 Nvidia		# 43	should b 6 (deper label new bottom s I'm sorry <i>SuggestedR</i> See con Conside	nding on the PH eds to be 3 diffe side of the line y, but I don't kno <i>emedy</i> nment. Adjust H er more explana	IY type) (but can be sensitiv erent labels, each indicating . The equations need more ow well enough what you me	te to a lower level which line they a words to describ eant to write a goo constraints" so the	signal)? If so, the re for, and on the e the measurement. od solution. at it meets all 3 lines.
Use black font; Make the axes black. Proposed Response Cl 168 SC 168.7.12	Response Status O P41 Nvidia Comment Status X			should b 6 (deper label new bottom s l'm sorry <i>SuggestedR</i> See con Conside inequalit	nding on the PH eds to be 3 diffe side of the line y, but I don't kno <i>emedy</i> nment. Adjust H r more explana ties.	IY type) (but can be sensitiv erent labels, each indicating . The equations need more by well enough what you me ocation of "Meets equation of tory words and converting th	te to a lower level which line they a words to describ eant to write a goo constraints" so the	signal)? If so, the re for, and on the e the measurement. od solution. at it meets all 3 lines.
Use black font; Make the axes black. Proposed Response Cl 168 SC 168.7.12 Dawe, Piers Comment Type E y axis can be optimise	Response Status O P41 Nvidia Comment Status X		# 43	should b 6 (deper label new bottom s I'm sorry <i>SuggestedR</i> See con Conside	nding on the PH eds to be 3 diffe side of the line y, but I don't kno <i>emedy</i> nment. Adjust H r more explana ties.	IY type) (but can be sensitiv erent labels, each indicating . The equations need more ow well enough what you me ocation of "Meets equation of	te to a lower level which line they a words to describ eant to write a goo constraints" so the	signal)? If so, the re for, and on the e the measurement. od solution. at it meets all 3 lines.
Use black font; Make the axes black. Proposed Response Cl 168 SC 168.7.12 Dawe, Piers Comment Type E y axis can be optimise SuggestedRemedy	Response Status O P41 Nvidia Comment Status X		# 43	should b 6 (deper label new bottom s I'm sorry SuggestedR See con Conside inequalit Proposed Re	nding on the PH eds to be 3 diffe side of the line , but I don't kno <i>emedy</i> nment. Adjust H r more explana ties. esponse	IY type) (but can be sensitiverent labels, each indicating . The equations need more ow well enough what you me ocation of "Meets equation of tory words and converting the <i>Response Status</i> O	e to a lower level which line they a words to describ eant to write a goo constraints" so the equations 168	signal)? If so, the re for, and on the e the measurement. od solution. at it meets all 3 lines. -4, 168-5 and 168-6 to
Use black font; Make the axes black. Proposed Response Cl 168 SC 168.7.12 Dawe, Piers Comment Type E y axis can be optimise SuggestedRemedy Change the limits from	Response Status O P41 Nvidia Comment Status X		# 43	should b 6 (deper label new bottom s l'm sorry SuggestedR See con Conside inequalit Proposed Re	nding on the PH eds to be 3 diffe side of the line y, but I don't kno eemedy mment. Adjust I r more explana- ties. esponse SC 168.7.12	Y type) (but can be sensitiverent labels, each indicating. The equations need more by well enough what you me ocation of "Meets equation of tory words and converting the Response Status O	te to a lower level which line they a words to describ eant to write a goo constraints" so the	signal)? If so, the re for, and on the e the measurement. od solution. at it meets all 3 lines.
Use black font; Make the axes black. Proposed Response Cl 168 SC 168.7.12 Dawe, Piers Comment Type E y axis can be optimise SuggestedRemedy	Response Status O P41 Nvidia Comment Status X ed		# 43	should b 6 (deper label new bottom s l'm sorry SuggestedR See con Conside inequalit Proposed Re C/ 168 Simms, Willi	nding on the PH eds to be 3 diffe side of the line , but I don't kno eemedy nment. Adjust I r more explana ties. esponse SC 168.7.12 iam	IY type) (but can be sensitiverent labels, each indicating. The equations need more by well enough what you me ocation of "Meets equation of tory words and converting the <i>Response Status</i> O <i>P</i> 41 NVIDIA	e to a lower level which line they a words to describ eant to write a goo constraints" so the equations 168	signal)? If so, the re for, and on the e the measurement. od solution. at it meets all 3 lines. -4, 168-5 and 168-6 to # 21
Use black font; Make the axes black. Proposed Response Cl 168 SC 168.7.12 Dawe, Piers Comment Type E y axis can be optimise SuggestedRemedy Change the limits from	Response Status O P41 Nvidia Comment Status X ed		# 43	should b 6 (deper label new bottom s l'm sorry SuggestedR See con Conside inequalit Proposed Re C/ 168 Simms, Willi Comment Ty The Figu	nding on the PH eds to be 3 diffe side of the line y, but I don't kno <i>temedy</i> mment. Adjust H r more explana- ties. <i>esponse</i> SC 168.7.12 iam <i>ype</i> E	Y type) (but can be sensitiverent labels, each indicating. The equations need more by well enough what you me ocation of "Meets equation of tory words and converting the Response Status O	e to a lower level which line they a words to describ eant to write a god constraints" so the equations 168	signal)? If so, the re for, and on the e the measurement. od solution. at it meets all 3 lines. -4, 168-5 and 168-6 to # 21 D2.0 unresolved
Use black font; Make the axes black. Proposed Response Cl 168 SC 168.7.12 Dawe, Piers Comment Type E y axis can be optimise SuggestedRemedy Change the limits from	Response Status O P41 Nvidia Comment Status X ed		# 43	should b 6 (deper label new bottom s l'm sorry SuggestedR See con Conside inequalit Proposed Re C/ 168 Simms, Willi Comment Ty The Figu	nding on the PH eds to be 3 diffe side of the line y, but I don't kno eemedy mment. Adjust I r more explana- ties. esponse SC 168.7.12 iam ype E ure 168-6 has a 35, and 38	IY type) (but can be sensitiverent labels, each indicating . The equations need more ow well enough what you me ocation of "Meets equation of tory words and converting th <i>Response Status</i> O <i>P</i> 41 NVIDIA <i>Comment Status</i> X	e to a lower level which line they a words to describ eant to write a god constraints" so the equations 168	signal)? If so, the re for, and on the e the measurement. od solution. at it meets all 3 lines. -4, 168-5 and 168-6 to # 21 D2.0 unresolved
Use black font; Make the axes black. Proposed Response Cl 168 SC 168.7.12 Dawe, Piers Comment Type E y axis can be optimise SuggestedRemedy Change the limits from	Response Status O P41 Nvidia Comment Status X ed		# 43	should b 6 (deper label net bottom s I'm sorry SuggestedR See con Conside inequalit Proposed Re Cl 168 Simms, Willi Comment Ty The Figu Line 32, SuggestedR	nding on the PH eds to be 3 diffe side of the line y, but I don't kno eemedy mment. Adjust I r more explana- ties. esponse SC 168.7.12 iam ype E ure 168-6 has a 35, and 38	IY type) (but can be sensitiverent labels, each indicating. The equations need more by well enough what you me ocation of "Meets equation of tory words and converting the <i>Response Status</i> 0 <i>P</i> 41 <i>NVIDIA</i> <i>Comment Status</i> X n x-axis of TECQ but the test	e to a lower level which line they a words to describ eant to write a god constraints" so the equations 168	signal)? If so, the re for, and on the e the measurement. od solution. at it meets all 3 lines. -4, 168-5 and 168-6 to # 21 D2.0 unresolved

C/ 168	SC 168.7.12	P 41	L32	# 9	C/ 168 SC 168.7.1	2 <i>P</i> 41	L 40	# 45
Ran, Adee		Cisco System			Dawe, Piers	Nvidia	-70	
Comment Type E Comment Status X Cross-reference to equation 168-4 is not active. Similarly for equations 168-5 and 168-6 in the subsequent paragraphs.		D2.0 unresolved	Comment Type E Units should be uprig SuggestedRemedy	Comment Status X		D2.0 unresolved		
SuggestedRe	emedy				Per comment			
Make the	cross-reference	es active.			Proposed Response	Response Status O		
Proposed Res	sponse	Response Status O						
C/ 168	SC 168.7.12	P 41	L37	# 44	C/ 168 SC 168.7.1		L 4	# 105
Dawe, Piers		Nvidia	-••		Dawe, Piers	Nvidia		
Comment Typ	omment Type E Comment Status X 100GBASE-BR10		D2.0 unresolved		Comment Status X mment 194: change 100GBAS	E-BR10 to		
SuggestedRe 100GBAS					SuggestedRemedy 100GBASE-BR40			
Proposed Res		Response Status 0			Proposed Response	Response Status O		
C/ 168	SC 168.7.12	P 41	L 40	# 10				
Ran, Adee		Cisco System	s, Inc.					
Comment Typ	pe TR	Comment Status X		D2.0 unresolved				
receiver s		n 168-5 have equal signs and not need to be equal to a va he figure.						
SuggestedRe	emedy							
Either cha maximum		ion to have a "lower than" va	lue, or define the	term as the				

0/ 400	00.400 = 40	D (0			01.400	00 400 = 40	D (a)	1.00	<i>"</i>		
C/ 168	SC 168.7.13	P 42	L 1	# 20	C/ 168	SC 168.7.13	P 42	L 39	# 47		
Johnson, John Broadcom Comment Type TR Comment Status X D2.0 unresolved The stressed receiver sensitivity test method in 168.7.13 needlessly reiterates the test method specified in 121.8.10.					Dawe, Piers Nvidia Comment Type E Comment Status X D2.0 unr "SRS" is not explained. It is used only three times. D2.0 unr						
	the specification	method of 802.3dj D1.5, Cl.1 f exceptions. Replace the en			Suggestea Spell it Proposed	t out each time	Response Status O				
measu metho	ured using the d defined in 121.8	tivity of each lane shall be wi 8.10 with the following except	ions:		<i>Cl</i> 168 Dawe, Pie	SC 168.7.13	P 42 Nvidia	L 42	# 48		
168.7. that th signal no gre	5, except le test fiber is not is eater than the valu	essed receiver conformance used. The transition time of the specified in Table 168-6. oise generator on and the sin	he stressed rec	eiver conformance test	<i>Comment</i> This sa	<i>Type</i> T ays "The reflecta tell the reader w	Comment Status X nce of the optical link should b hat to do, and unlike the TDEC				
turnec	l off, the DMA of the SRS te	est source should be no great			Suggested Explai	•	ete the sentence.				
— The conve given	e signaling rate of rter are as in Table 168-6 us	the test pattern generator an ing test patterns specified in	Table 168-10.		Proposed	Response	Response Status 0				
Stress closur given	ed eye e for PAM4 (SEC	of the "Stressed receiver sen Q), lane under test" and "OM			Cl 168 Dawe, Pie <i>Comment</i> While		P 42 Nvidia <i>Comment Status</i> X bus	L 44	# 49 D2.0 unresolved		
Proposed	Proposed Response Response Status O					SuggestedRemedy Add text saying that the PMD's transmitter and any other circuitry that could cause					
C/ 168	SC 168.7.13	P 42	L 38	# 46			erational when stressed sensit goes for transmitter measuren				
Dawe, Pie	ers	Nvidia			Proposed		Response Status 0				
Comment	Туре Е	Comment Status X		D2.0 unresolved			,				
confoi signal	mance signal, op , input signal, sigr	conformance test signal, sig tical test signal, stressed receiver nal, and stressed receiver cor me name for a thing, every til	eiver conformar	nce test signal, test t signal. We are							

SuggestedRemedy

Try to clean this up, as much as is reasonable.

Proposed Response Response Status **0**

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/ 168 SC 168.7.13 Page 23 of 26 2025/5/14 20:43:48

C/ 168	SC 168.7.13.3	B P 43	L 33	# 50	C/ 168	SC 168.9	Р	45	L 26	# 52
Dawe, Pie	rs	Nvidia			Dawe, Pie	ers	Nvio	lia		
Comment	Туре Е	Comment Status X		D2.0 unresolved	Comment	Туре Т	Comment Statu	s X		D2.0 unresolved
S <i>uggestec</i> Chang	IRemedy	inition of TECQ, this can be ccording to 168.7.5, except t 168.7.6"	,	is not used" to "is	25ĞB/ BR's s Calcul	ASE-BR10 and shortest wavele		o 1260 nm, the same ca	are allowed 6.3 able won't show	3 dB. 100GBASE-
Proposed Response Response Status O					Suggested	dRemedy				
					Chang 10.4).	ge 6.3 to 6 (or 6	.1). Change the budo	get for 100G	BASE-BR10 fr	om 10.6 to 10.3 (or
C/ 168	SC 168.7.13.3	B P 43	L 41	# 51	Proposed	Response	Response Status	6 O		
Dawe, Pie		Nvidia								
Comment Erom		Comment Status X ne word may is used to indic	ate a course of a	D2.0 unresolved	C/ 168	SC 168.9	P	45	L 30	# 13
		andard (may equals is perm			Maniloff, E	Eric	Cier	na		
Suggested	IRemedy				Comment	Туре Т	Comment Statu	s X		D2.0 unresolved
		a may result to under-sites	sed could result	or "under-stressed						matic dispersion
might		Response Status O	sea coula result"	or "under-stressed	values used t disper in	s, as document to arrive at the sion specificati	ed in G.652 Appendix CD values. 802.3dj cu ons are based on the	I. The docu	iment should cl ides the followir	arify the approach
might	result"	·	L18	or "under-stressed # 103	values used t disper in ITU-T	s, as document o arrive at the sion specificati REC G.652, A	ed in G.652 Appendix CD values. 802.3dj cu ons are based on the	I. The docu	iment should cl ides the followir	arify the approach ng text: "The
might Proposed Cl 168	result" Response	Response Status O	L 18		values used t disper in ITU-T Suggested	s, as document o arrive at the sion specificati REC G.652, A dRemedy	ed in G.65 ² Appendix CD values. 802.3dj cu ons are based on the opendix I."	I. The docu rrently inclu statistical lin	iment should cl ides the followir nk design meth	arify the approach ng text: "The iodology documented
might Proposed Cl 168	result" <i>Response</i> SC 168.8.1 ski, Natalie	Response Status O	L 18		values used t disper in ITU-T <i>Suggestec</i> Add a	s, as document o arrive at the sion specificati REC G.652, A dRemedy	ed in G.65 ² Appendix CD values. 802.3dj cu ons are based on the opendix I."	I. The docu rrently inclu statistical lin	iment should cl ides the followir nk design meth	arify the approach ng text: "The
might Proposed Cl 168 Wienckow Comment	result" Response SC 168.8.1 ski, Natalie Type ER	Response Status O P 53 IVN Solutions	L 18 s LLC	# 103	values used t disper in ITU-T <i>Suggestec</i> Add a	s, as document o arrive at the sion specificati REC G.652, A <i>Remedy</i> footnote to the sion values.	ed in G.65 ² Appendix CD values. 802.3dj cu ons are based on the opendix I."	I. The docu irrently inclu statistical lin 58-12 indica	iment should cl ides the followir nk design meth	arify the approach ng text: "The iodology documented
might Proposed Cl 168 Wienckow Comment	result" <i>Response</i> SC 168.8.1 ski, Natalie <i>Type</i> ER nment #235 on D	Response Status O P53 IVN Solutions Comment Status X	L 18 s LLC	# 103	values used t disper in ITU-T <i>Suggestec</i> Add a disper	s, as document o arrive at the sion specificati REC G.652, A <i>Remedy</i> footnote to the sion values.	ed in G.65 ² Appendix CD values. 802.3dj cu ons are based on the opendix I." CD values in Table16	I. The docu irrently inclu statistical lin 58-12 indica	iment should cl ides the followir nk design meth	arify the approach ng text: "The iodology documented
might Proposed Cl 168 Wienckow Comment As coi Suggested	result" Response SC 168.8.1 ski, Natalie Type ER nment #235 on D IRemedy	Response Status O P53 IVN Solutions Comment Status X	L 18 s LLC	# 103	values used t disper in ITU-T Suggestec Add a disper Proposed	s, as document o arrive at the sion specificati REC G.652, A <i>IRemedy</i> footnote to the sion values. <i>Response</i>	ed in G.65 ² Appendix CD values. 802.3dj cu ons are based on the opendix I." CD values in Table16 <i>Response Status</i>	I. The docu rrently inclu statistical lin 58-12 indica 5 O	iment should cl ides the followin nk design meth ting the method	arify the approach ng text: "The lodology documented d used to calculate the
might Proposed Cl 168 Wienckow Comment As con Suggested Apply	result" Response SC 168.8.1 ski, Natalie Type ER nment #235 on D IRemedy	Response Status O P53 IVN Solutions Comment Status X 2.0 stated: References to ex	L 18 s LLC	# 103	values used t disper in ITU-T Suggestec Add a disper Proposed	s, as document o arrive at the sion specificati REC G.652, A dRemedy footnote to the sion values. Response SC 168.9	ed in G.65 ² Appendix CD values. 802.3dj cu ons are based on the opendix I." CD values in Table16 <i>Response Status</i>	I. The docu rrently inclu statistical lin 58-12 indica 5 0 45	iment should cl ides the followir nk design meth	arify the approach ng text: "The iodology documented
might Proposed Cl 168 Wienckow Comment As con Suggested Apply	result" Response SC 168.8.1 ski, Natalie Type ER nment #235 on D IRemedy a character tag of	Response Status O P53 IVN Solutions Comment Status X 2.0 stated: References to ex	L 18 s LLC	# 103	values used t disper in ITU-T Suggestec Add a disper Proposed C/ 168 Dawe, Pie Comment	s, as document o arrive at the sion specificati REC G.652, A <i>Remedy</i> footnote to the sion values. <i>Response</i> SC 168.9 rs <i>Type</i> T	ed in G.65 ² Appendix CD values. 802.3dj cu ons are based on the opendix I." CD values in Table16 <i>Response Status</i>	I. The docu rrently inclu statistical lin 68-12 indica 5 O 45 tia s X	Iment should cl Ides the followin Ink design meth Iting the method	arify the approach ng text: "The lodology documented d used to calculate the # <u>53</u>
might Proposed Cl 168 Wienckow Comment As con Suggested Apply	result" Response SC 168.8.1 ski, Natalie Type ER nment #235 on D IRemedy a character tag of	Response Status O P53 IVN Solutions Comment Status X 2.0 stated: References to ex	L 18 s LLC	# 103	values used t disper in ITU-T Suggestec Add a disper Proposed Cl 168 Dawe, Pie Comment This g Suggestec	s, as document o arrive at the sion specificati REC G.652, A <i>dRemedy</i> footnote to the sion values. <i>Response</i> SC 168.9 rs <i>Type</i> T ives the disper- <i>dRemedy</i>	ed in G.65 ² Appendix CD values. 802.3dj cu ons are based on the opendix I." CD values in Table16 <i>Response Status</i> <i>P</i> Nvic <i>Comment Statu</i>	I. The docu rrently inclu statistical lin 38-12 indica 50 45 45 dia s X stream direct	Iment should cl Ides the followin Ink design meth Iting the method L36	arify the approach ng text: "The lodology documented d used to calculate the # <u>53</u> D2.0 unresolved

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

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C/ 168 SC 168.9	P55	L 7	# 106	C/ 168	SC 168.11	P 47	L39	# 56	
Dawe, Piers	Nvidia			Dawe, Pie	rs	Nvidia			
Comment Type T	Comment Status X			Comment	Туре Т	Comment Status X		D2.0 unresolve	
minimum in the ups	the maximum dispersion in the stream direction. But transceive	r designers need		not, wi	th 100GBASE-E	to introduce the table, which s BR10. Presumably the mixed shorter-reach PMD.			
D and U separately	to design correctly for dispersion	on.		SuggestedRemedy					
Maximum dispersio Minimum dispersio Minimum dispersio Delete note b	n, D to U 4.6 4.2 2.5 n, U to D 0.6 -3.7 -13.4 n, D to U -13.9 -23.8 -42.3 n, U to D -18 -32 -59 ne four wavelengths			168.11 The 10 an eng 100GE minimu directio Interop	00GBASE-BR20 gineered link) pro BASE-BR20 in T um channel inse ons separately. / peration betweer	between 100GBASE-BRx PM o and 100GBASE-BR40 PMD ovided that the fiber optic cab able 168-12 are met, with the rition loss values, which are g Attenuators may be used to an n 100GBASE-BR10 and 1000 whatever the case is).	s can interoperate ling (channel) cha e exception of the iven in Table 168 chieve the requir	aracteristics for maximum and 3-15 for the two link ed losses.	
rioposed Response	Response Status O			Proposed	Response	Response Status 0			
C/ 168 SC 168.1		L 26	# 54	C/ 168	SC 168.11	P 47	L39	# 55	
Dawe, Piers	Nvidia						200	# 55	
Comment Type E	Comment Status X		D2.0 unresolved	Dawe, Pie		Nvidia			
km for 100GBASE-	eration 10 km for 100GBASE-B BR40.	R10, 20 km for 10	00GBASE-BR20 or 40		1 Requirements	Comment Status X for interoperation between 1 esn't say "Requirements for".		D2.0 unresolve MDs" other similar	
SuggestedRemedy				Suggestea	-				
may not support op	eration *at* 10 km for 100GBAS	DE-DRIU, ZU KM I		249925104					

may not support operation *at* 10 km for 100GBASE-BR10, 20 km for 100GBASE-BR20 or 40 km for 100GBASE-BR40.

Proposed Response Response Status **0**

C/ 168 SC 168.11

Delete "Requirements for" here and in the table title.

Response Status **0**

Proposed Response

C/ 168 SC [·]	168.11	P 47	L 47	# 60	C/ 168	SC 1	68.6,1	P 42	L 28	# 64		
Dudek, Mike		Marvell			Maniloff, E	ric		Ciena				
Comment Type	TR	Comment Status X		D2.0 unresolved	Comment	Туре	TR	Comment Status X				
specs for the	wo directi) and BR4	between the BR20 and BR40 ions. To be compliant in bo 40 would have to be min 8.3d cified.	th directions it ap	opears that the loss	(Min) v	alues fo outer for	or this is 7	x) values for 100GBASE-BR4 7.8 dBm. This leaves 0.5 dB c his is not sufficient difference	difference betwe	en Min and Max		
SuggestedRemed	V				Suggested	Remedy	/					
Collapse the two rows in Table 168-15 into one row. With min loss of 8.3dB and max loss of 10dB Proposed Response Response Status O					reduce resista loss wi	ed or mai ince to ir ill enable	ximum no ncreasing e an incre	Δ between min and max valueeds to be increased. Due to the maximum value. Specify ase to the maxumimum Tx ploss of 11 dB in Table 168-23	overload conce /ing a 1 dB highe ower. A recomm	rns, there has been er minimum insertion nended solution is to		
C/ 168 SC ·	168.12.3	P 49	L 28	# 28	иып. Proposed I	Docnone	20	Deenenee Statue				
Zimmerman, Geo	ge	ADI,APLgp,Ci	isco,Marvell,OnS	Semi,Sony,SenTekse	Fioposeu i	nespons	50	Response Status O				
Comment Type	т	Comment Status X		D2.0 unresolved								
		ction of the PICS, not a capa to be spelled out in their own		These are	C/ 168 Maniloff, E		68.6,1	P 42 Ciena	L 28	# 63		
SuggestedRemed	V				Comment	Type	TR	Comment Status X				
and renumber constraint req	subseque	1.12.3, add new section 168.1 ent PICS statements. Go thr one-by-one to populate (this i	ough 168.3 and	call out the delay	(Min) v	alues fo	or this are	x) value for 100GBASE-BR20 -0.3 dBm. This leaves 0.3 df ent difference for manufactur	B difference betv	ween Min and Max for		
	been useful). roposed Response Response Status O						SuggestedRemedy In order to increase the Δ between min and max values, either minimum needs to be reduced or maximum needs to be increased. Due to overload concerns, there has been					

In order to increase the Δ between min and max values, either minimum needs to be reduced or maximum needs to be increased. Due to overload concerns, there has been resistance to increasing the maximum value. Specifying a minimum insertion loss will enable an increase to the maxumimum Tx power. A recommended solution is to specify a minimum link loss of 1.2 dB in Table 168-12 and a maximum OMA_outer of 1.2dBm.

Proposed Response Response Status **0**

C/ 168 SC 168.6,1