C/ 168	SC 168.5.1	P <b>30</b>	L <b>8</b>	# 1	C/ 168	SC 168	.6.1	P <b>33</b>	L11	# 3
Ran, Adee		Cisco System	s, Inc.		Ran, Adee			Cisco System	ns, Inc.	
Comment 7	Type <b>TR</b>	Comment Status X		D2.0 unresolved	Comment 7	<i>уре</i> <b>т</b>	R	Comment Status X		D2.0 unresolved
	e of 168.5.1 is " but of a transm	PMD block diagram", but the it/receive path.	block diagram in	Figure 168-2 is not of				ecent PMDs with 100 Gb/s erformance degradatation.	per lane has bee	en narrowed to +/- 50
	ware that the inc carried over to a	orrect heading exists in many a new clause.	r previous clause	es, but an error should				ed in Annex 120F and 120		0
The su Suggested		is being used in similar subc	lauses in P802.3	3dj.				8 PMDs in 802.3df, Table mple of how this is implement		
00		title from "PMD block diagrar	n" to "Block diag	Iram"	Suggestedl	Remedy				
0		0	in to block diag		In Table	e 168-6 ar	nd Table	168-7, change the signali	ng rate range to	53.125 +/- 50 ppm.
Proposed I	response	Response Status <b>O</b>			Proposed F	Response		Response Status O		
C/ 168	SC 168.6	P32	L <b>53</b>	# 2						
Ran, Adee		Cisco System	s. Inc.		C/ 168	SC 168	.6.1	P33	L <b>28</b>	# 4
Comment	Гуре <b>т</b>	Comment Status X		D2.0 unresolved	Ran, Adee			Cisco System	ns, Inc.	
Footno	te a says "The F	RS-FEC correction function m	ay not be bypas	sed for any operating	Comment 7	уре Е	R	Comment Status X		D2.0 unresolve
		n option, so "may" is inapprop s about optical specifications.	priate. Also, this	statement is out of	indicate		 ntation,`	min) in Table 167-7 contain as done in the "Receiver s		
carried	over to a new o	ne text exists in many previo lause.	us clauses, but a	an error should not be		rase "for 1 ed to imp		= max(TECQ, TDECQ) <= dabilty	TDECQ(max)" is	overly long and can be
Suggested					Suggested	•		aabiity.		
Table '	168-1, stating "T	Table 168-5, and instead add he option to perform error de ted. FEC error correction sha	ection without e	rror correction (see	Indent Change	he sub-ro		ing with "for". ax(TECQ, TDECQ) <= TD	ECQ(max)" to "fo	r max(TECQ, TDECQ)
Proposed I	Response	Response Status O			>= 1.4"					
					Proposed F	<i>kesponse</i>		Response Status <b>O</b>		

C/ 168 SC 168.6	4	P <b>34</b>	L1	# 5	C/ 168	SC 41	68.7.1		P <b>36</b>	L1	# 7
Ran, Adee	. 1	Cisco Systems		# 5	Ran, Adee		00.7.1		Cisco Systen	-	# [/
Comment Type T	Commen	t Status X	s, mc.	D2.0 unresolved	Comment		TR	Comment S	-	ns, mo.	D2.0 unresolve
Equations 168-1 the anything without the	rough 168-3 are i e context, which i	not equations - th is Table 167-7.		ons that don't mean	The titl	e of Tab ons; wha	ole 168-10	0 is incorrect. I	t does not inc		er to test pattern terns and related
It would be a better	service to the re	ader if these exp	pressions are pla	nced directly in the table.		wara that	t the com	no titlo oviato ir	mony provio	ua alaussa, but	an error should not be
	sions into Table <sup>-</sup>	168-8, OMA_out	er row, replacinę	g the references to the	carried	over to		ause. It has be			I the suggested remedy
equations.		04-44-			Suggested	Remedy	/				
Proposed Response	Response	e Status O			Chang subcla		e of Table	e 168-10 to "M	apping of par	ameters to test	patterns and related
C/ 168 SC 168.6	.1	P <b>33</b>	L <b>36</b>	# 6	Proposed I	Respons	se	Response S	tatus <b>O</b>		
Ran, Adee		Cisco Systems	s, Inc.								
									_		# 0
Comment Type TR	Commen	nt Status X		D2.0 unresolved	C/ 168	SC 10	68.7.11		P <b>41</b>	L <b>3</b>	# 8
"Transmitter over/u	nder -shoot" is sh	horthand that sho		in a standard.	<i>Cl</i> <b>168</b> Ran, Adee		68.7.11		P <b>41</b> Cisco Systen		# 8
"Transmitter over/u The definitions in su	nder -shoot" is sh ubclause 168.7.7	horthand that sho are actually to the	wo different para				68.7.11 T	Comment S	Cisco Systen		
"Transmitter over/u	nder -shoot" is sh ubclause 168.7.7 over/under-shoot	horthand that sho 7 are actually to the t" is not defined a	wo different para at all.	in a standard. ameters, overshoot and	Ran, Adee Comment	Туре	т	Comment S	Cisco Systen Status X		D2.0 unresolve
"Transmitter over/u The definitions in su undershoot, while "	nder -shoot" is sh ubclause 168.7.7 over/under-shoot le has been char subclause 168.7.	horthand that sho 7 are actually to tr t" is not defined a nged to "oversho	wo different para at all. ot/undershoot" i	in a standard. ameters, overshoot and n 802.3db.	Ran, Adee <i>Comment</i> The sig <i>Suggested</i>	<i>Type</i> gnaling ra	T rate is 53.	Comment S	Cisco Systen Status X	ns, Inc.	D2.0 unresolved
"Transmitter over/u The definitions in su undershoot, while " The label in the tab Also, the definition	nder -shoot" is sh ubclause 168.7.7 over/under-shoot le has been char subclause 168.7.	horthand that sho 7 are actually to tr t" is not defined a nged to "oversho	wo different para at all. ot/undershoot" i	in a standard. ameters, overshoot and n 802.3db.	Ran, Adee <i>Comment</i> The sig <i>Suggested</i>	Type gnaling ra <i>Remedy</i> e per cor	T rate is 53. / mment.	Comment S .125 GBd, so t	Cisco Systen Status X he number sh	ns, Inc.	D2.0 unresolve
"Transmitter over/u The definitions in su undershoot, while " The label in the tab Also, the definition (167.8.8) instead of <i>SuggestedRemedy</i> Change the label to Change the text in	nder -shoot" is sh ubclause 168.7.7 over/under-shoot le has been char subclause 168.7. f older clauses. o "Overshoot/und 168.7.7 to align it	horthand that sho 7 are actually to the t" is not defined a nged to "oversho .7 should be align lershoot (max)". t with 167.8.8 in t	wo different para at all. ot/undershoot" i ned with the rec 802.3db-2022.	in a standard. ameters, overshoot and n 802.3db.	Ran, Adee <i>Comment T</i> The sig <i>Suggested</i> Chang	Type gnaling ra <i>Remedy</i> e per cor	T rate is 53. / mment.	Comment S	Cisco Systen Status X he number sh	ns, Inc.	D2.0 unresolved
"Transmitter over/u The definitions in su undershoot, while " The label in the tab Also, the definition (167.8.8) instead of <i>SuggestedRemedy</i> Change the label to Change the text in Change in Table 16	nder -shoot" is sh ubclause 168.7.7 over/under-shoot le has been char subclause 168.7. f older clauses. o "Overshoot/und 168.7.7 to align it	horthand that sho 7 are actually to the t" is not defined a nged to "oversho .7 should be align lershoot (max)". t with 167.8.8 in t	wo different para at all. ot/undershoot" i ned with the rec 802.3db-2022.	in a standard. ameters, overshoot and n 802.3db.	Ran, Adee <i>Comment T</i> The sig <i>Suggested</i> Chang	Type gnaling ra <i>Remedy</i> e per cor Response	T rate is 53. / mment.	Comment S .125 GBd, so t	Cisco Systen Status X he number sh	ns, Inc.	D2.0 unresolved
"Transmitter over/u The definitions in su undershoot, while " The label in the tab Also, the definition (167.8.8) instead of <i>SuggestedRemedy</i> Change the label to Change the text in	nder -shoot" is sh ubclause 168.7.7 over/under-shoot le has been char subclause 168.7. older clauses. "Overshoot/und 168.7.7 to align it 8–10 and elsewi	horthand that sho 7 are actually to the t" is not defined a nged to "oversho .7 should be align lershoot (max)". t with 167.8.8 in t	wo different para at all. ot/undershoot" i ned with the rec 802.3db-2022.	in a standard. ameters, overshoot and n 802.3db.	Ran, Adee Comment T The sig Suggested Chang Proposed P	Type gnaling ra Remedy e per cor Respons SC 10	T ate is 53. / mment. se	Comment S .125 GBd, so t Response S	Cisco Systen Status X he number sh	ns, Inc. nould be 53.125 <i>L</i> <b>32</b>	D2.0 unresolved GHz, not 53.2.
"Transmitter over/u The definitions in su undershoot, while " The label in the tab Also, the definition (167.8.8) instead of <i>SuggestedRemedy</i> Change the label to Change the text in Change in Table 16	nder -shoot" is sh ubclause 168.7.7 over/under-shoot le has been char subclause 168.7. older clauses. "Overshoot/und 168.7.7 to align it 8–10 and elsewi	horthand that shot 7 are actually to the " is not defined a nged to "overshot .7 should be align lershoot (max)". t with 167.8.8 in the here accordingly.	wo different para at all. ot/undershoot" i ned with the rec 802.3db-2022.	in a standard. ameters, overshoot and n 802.3db.	Ran, Adee Comment T The sig Suggested Chang Proposed F	Type gnaling ra Remedy e per cor Respons SC 10	T ate is 53. / mment. se	Comment S .125 GBd, so t Response S	Cisco Systen Status X he number sh ttatus <b>O</b> P <b>41</b> Cisco Systen	ns, Inc. nould be 53.125 <i>L</i> <b>32</b>	D2.0 unresolved GHz, not 53.2.
"Transmitter over/u The definitions in su undershoot, while " The label in the tab Also, the definition (167.8.8) instead of <i>SuggestedRemedy</i> Change the label to Change the text in Change in Table 16	nder -shoot" is sh ubclause 168.7.7 over/under-shoot le has been char subclause 168.7. older clauses. "Overshoot/und 168.7.7 to align it 8–10 and elsewi	horthand that shot 7 are actually to the " is not defined a nged to "overshot .7 should be align lershoot (max)". t with 167.8.8 in the here accordingly.	wo different para at all. ot/undershoot" i ned with the rec 802.3db-2022.	in a standard. ameters, overshoot and n 802.3db.	Ran, Adee Comment The sig Suggested Chang Proposed P Cl 168 Ran, Adee Comment Cross-	Type gnaling ra Remedy e per cor Respons SC 10 SC 10 Type reference	T rate is 53. mment. se 68.7.12 E se to equa	Comment S .125 GBd, so t Response S Comment S ation 168-4 is i	Cisco Systen Status X he number sh Status O P41 Cisco Systen Status X not active.	ns, Inc. nould be 53.125 <i>L</i> <b>32</b>	D2.0 unresolved GHz, not 53.2. # 9 D2.0 unresolved
"Transmitter over/u The definitions in su undershoot, while " The label in the tab Also, the definition (167.8.8) instead of <i>SuggestedRemedy</i> Change the label to Change the text in Change in Table 16	nder -shoot" is sh ubclause 168.7.7 over/under-shoot le has been char subclause 168.7. older clauses. "Overshoot/und 168.7.7 to align it 8–10 and elsewi	horthand that shot 7 are actually to the " is not defined a nged to "overshot .7 should be align lershoot (max)". t with 167.8.8 in the here accordingly.	wo different para at all. ot/undershoot" i ned with the rec 802.3db-2022.	in a standard. ameters, overshoot and n 802.3db.	Ran, Adee Comment The sig Suggested Chang Proposed P Cl 168 Ran, Adee Comment Cross-	Type gnaling ra Remedy e per con Respons SC 10 SC 10 Type reference	T rate is 53. mment. se 68.7.12 E se to equa	Comment S .125 GBd, so t Response S Comment S ation 168-4 is i	Cisco Systen Status X he number sh Status O P41 Cisco Systen Status X not active.	ns, Inc. nould be 53.125 <i>L</i> 32 ns, Inc.	D2.0 unresolver GHz, not 53.2. # 9 D2.0 unresolver
"Transmitter over/u The definitions in su undershoot, while " The label in the tab Also, the definition (167.8.8) instead of <i>SuggestedRemedy</i> Change the label to Change the text in Change in Table 16	nder -shoot" is sh ubclause 168.7.7 over/under-shoot le has been char subclause 168.7. older clauses. "Overshoot/und 168.7.7 to align it 8–10 and elsewi	horthand that shot 7 are actually to the " is not defined a nged to "overshot .7 should be align lershoot (max)". t with 167.8.8 in the here accordingly.	wo different para at all. ot/undershoot" i ned with the rec 802.3db-2022.	in a standard. ameters, overshoot and n 802.3db.	Ran, Adee Comment T The sig Suggested Chang Proposed F Cl 168 Ran, Adee Comment T Cross- Similar Suggested	Type gnaling ra Remedy e per cor Respons SC 10 SC 10 Type reference ly for equi Remedy	T rate is 53. mment. se 68.7.12 E re to equa juations 1	Comment S .125 GBd, so t Response S Comment S ation 168-4 is i	Cisco Systen Status X he number sh Status O P41 Cisco Systen Status X not active.	ns, Inc. nould be 53.125 <i>L</i> 32 ns, Inc.	D2.0 unresolve GHz, not 53.2. # 9 D2.0 unresolve

C/ 168	SC 168.7.12	P <b>41</b>	L <b>40</b>	# 10	C/ 168	SC	168.9		P <b>45</b>	L <b>30</b>	# 13
Ran, Adee		Cisco Systems	s, Inc.		Maniloff, E	ric			Ciena		
Comment Ty	ype TR	Comment Status X		D2.0 unresolved	Comment	Туре	т	Comment	Status X		D2.0 unresolve
receiver maximu SuggestedR	r sensitivity does Im, as shown in <i>Remedy</i> hange the equat	h 168-5 have equal signs and s not need to be equal to a va the figure. tion to have a "lower than" va	lue - it should b	e below some	values used t disper in ITU-T	s, as do to arrive rsion sp REC G	ocumented e at the CE becification 6.652, App	l in G.652 App ) values. 802. Is are based c	endix I. The do 3dj currently inc	cument should cl	omatic dispersion larify the approach ng text: "The lodology documented
Proposed Re	esponse	Response Status <b>O</b>			Suggestee		•				
	000000					footnot sion va		D values in Ta	able168-12 indi	cating the metho	d used to calculate the
C/ 168	SC 168.7.12	P <b>41</b>	L <b>7</b>	# 11	Proposed	Respoi	nse	Response	Status O		
Ran, Adee		Cisco Systems	s, Inc.								
Comment Ty		Comment Status X		D2.0 unresolved	C/ 168	SC	168.7.4		P <b>36</b>	L <b>46</b>	# 14
Figure 1	168-6 is a bitmap	o with poor quality.			Johnson,	John			Broadcom		
SuggestedR	Remedy				Comment	Туре	TR	Comment	Status X		D2.0 unresolve
Replace Proposed Re	e the figure with	an SVG one. <i>Response Status</i> <b>O</b>					arify the re 168.7.5.	eference recei	ver used to mea	asure OMAouter,	, refering to the
1000300110	caponac				Suggestee	dReme	dy				
					Add th	ne follov	wing sente	ence to the end	d of the paragra	iph:	
C/ 168	SC 168.7.12	P <b>41</b>	L15	# 12	"OMA	outor is	moosuro	d using wavef	orms contured a	at the output of th	ne reference receiver
Ran, Adee		Cisco Systems	s, Inc.						ice equalizer."		
	el "Meets equati	Comment Status X on constraints" appears betw en these lines, which is incorr		D2.0 unresolved uggests that the	Proposed	Respoi	nse	Response	Status <b>O</b>		
SuggestedR	Remedy										
Move the	ie label below th	e bottom line.									
Proposed Re	esponse	Response Status 0									

7 168	SC 16	8.7.5	P <b>37</b>	L <b>21</b>	# 15	C/ 168	SC	168.7.7	P <b>39</b>	L <b>37</b>	# 16
hnson,	John		Broadcom			Johnson, J	John		Broadcom		
omment	Туре 1	TR	Comment Status X		D2.0 unresolved	Comment	Туре	TR	Comment Status X		D2.0 unresolved
of 168	3.7.5.1 lists	s test me	in 168.7.5 needlessly reiter hod exceptions that should FE (which is not needed be	be in 168.7.5.3.	168.7.5.3 has a			arify the ref s in 168.7.5	ference receiver used to meas 5.	sure TX over/u	ndershoot, refering to
			nce 121.8.5 and list a comp			Suggested	dRemea	ly			
	fic to Cl. 16								reference equalizer being ap		
uggeste	dRemedy					with "a equali		utput of the	reference receiver defined in	168.7.5, befor	e the reference
descr Remo	iptions of th ve sub-cla	he refere luses 168	nethod of 802.3dj D1.5, Cl.1 nce receiver that are used in .7.5.1, 168.7.5.3 and 168.7 .5 with the following:	n other test meth	nod sub-clauses.	Proposed	Respon	ise	Response Status 0		
			_			C/ 168	SC	168.7.8	P <b>40</b>	L17	# 17
	DECQ of e	each lane	shall be within the limits give	en in Table 168/	8-6 if measured using	Johnson, J	John		Broadcom		
		.8.5.1. 12	1.8.5.3, 121.8.5.4 and 168.7	7.5.1. with the fo	llowing exceptions:	Comment	Type	TR	Comment Status X		D2.0 unresolved
			ne test pattern generator is a					arifv the ref	ference receiver used to meas	ure TX power	excursion, refering to
	attern							s in 168.7.5		ale in perior	onconcion, renormigito
			able 168-10.			Suggested	Romon	112			
			r, composed of the combina	tion of the O/E o	converter and the	00		•	roforonoo oqualizar baing an	plied "	
	oscope, ha 3 bandwidt		oximately 26.5625 GHz with	a fourth-order l	Ressel-Thomson				e reference equalizer being ap e reference receiver defined in		e the reference
	nse to at					equali			Telefence receiver denned in	100.7.5, beloi	
		25 GHz, a	and at frequencies above 1.3	3 × 53.125 GHz	, the response should	Proposed		100	Deepense Status		
not ex						Froposeu	Respon	150	Response Status O		
		nsation n	ay be made for any deviation	on from an ideal	fourth-order Bessel-						
Thom						01.400	00	400 7 0	Dia	1.00	# 40
respo Th		ed noise	power density spectrum N(f	) is equivalent to	white noise filtered by	C/ 168		168.7.9	P <b>40</b>	L <b>32</b>	# 18
	th order				white holde intered by	Johnson, J	John		Broadcom		
			e filter with a 3 dB bandwid	th of 26.5625 GI	Hz.	Comment	Туре	TR	Comment Status X		D2.0 unresolved
			is as given in Table 168-6.			Add te	ext to cla	arify the ref	ference receiver used to meas	ure extinction	ratio, refering to the
			TDECQ values are achieve	d with the equal	izer optimization	definit	ions in '	168.7.5.			-
	od describe		timization methods such as	minimum moon		Suggested	dRemeo	lv			
may			amizadon metrious such as		Squared Error (IMINOE)	•••			end of the paragraph:		
,	to determir	ne equali	zer tap weights to reduce te	st time, and are	expected to report	"The e	extinctio	n ratio is m	neasured using waveforms ca 7.5, before the reference equa		utput of the reference
used equal	r values of	TDECQ	These alternative methods	should not be u	sed for receiver	Proposed			Response Status <b>0</b>		
equal highe						11000300					
equal highe sensi	tivity and										
equal highe sensi	tivity and	er sensitiv	ity calibration.								

C/ 168 SC 168.7.	10 P40	L <b>41</b>	# 19	C/ 168	SC 16	68.7.13	P <b>42</b>	L1	# 20
ohnson, John	Broadcom			Johnson, J	John		Broadcom		
Comment Type TR	Comment Status X		D2.0 unresolved	Comment		TR	Comment Status X		D2.0 unresolved
The reference receiv redefining it in this c	ver is previously defined in 168.7 lause.	7.5, so it can be r	eferenced rather than		ressed re d specifie		ensitivity test method in 1 8.10.	68.7.13 needlessly	reiterates the test
SuggestedRemedy				Suggested	lRemedy				
	text: gh an O/E converter and oscillos .5625 GHz with a fourth-order Be						method of 802.3dj D1.5, exceptions. Replace the		points to 121.8.10 3 with the following text:
× 53.125 GHz and a –20 dB. Compensat	at frequencies above 1.3 × 53.12 ion may be made for any deviation	5 GHz the respo	nse should not exceed	measu	ured using	g the	ivity of each lane shall be	-	ven in Table 168-7 if
Thomson response. Replace with the foll							.10 with the following exc ssed receiver conformar		easured according to
	nsition time is measured using wa lefined in 168.7.5, before the refe				5, except		used. The transition time	of the atragod rea	oiver conformance test
Proposed Response	Response Status <b>0</b>	erence equalizer.		signal	is				
							e specified in Table 168-6 ise generator on and the		nd sinusoidal interferer
				turned	off, the		-	-	
				RINxC 168-6.		e SRS te	st source should be no g	reater than the val	ue specified in Table
				— The	e signaling		the test pattern generator	and the extinction	ratio of the E/O
					rter are as in Table 1		ng test patterns specified	in Table 168-10	
				— The	e required		of the "Stressed receiver		ter), each lane (max)", "
					ed eye e for PAM	14 (SECC	Q), lane under test" and "	OMAouter of each	addressor lane" are as
				given i	in	<b>、</b>			33
				Table		-			
				Proposed	Response	e	Response Status <b>O</b>		
				C/ 168	SC 16	68.7.12	P41	L <b>32</b>	# 21
				Simms, Wi	illiam		NVIDIA		
				Comment			Comment Status X		D2.0 unresolved
					gure 168- 2, 35, and		a x-axis of TECQ but the	test below the figu	re references SECQ.
				Suggested	Remedy				

Not sure if this is an error

Proposed Response

Comment ID 21

Response Status 0

C/ 168	SC 168.7.4	P <b>36</b>	L <b>41</b>	# 22	C/ 168	SC 168.7.5	P <b>37</b>	L <b>20</b>	# 23
Mi, Guang	can	Huawei Tech	nologies Co., Ltd		Mi, Guang	can	Huawei Tech	nologies Co., Lt	d
Comment	Type <b>TR</b>	Comment Status X		D2.0 unresolved	Comment	Type ER	Comment Status X		D2.0 unresolved
	t clauses has bee 3 as well.	en pointing out the source of	OMAout data. Re	commend to add in	and its	measurement	0.7 and other IMDD clauses i setup has been referencing a	s much as possi	ble the existing content
Suggested	dRemedy						ting only the changes and diff GBASE-DR only, TDECQ – 1		
		sured using waveforms captu .7.5, before the reference eq		of the reference	given	in	red using the test setup spec		
Proposed	Response	Response Status O			specif	ied in 140.7.5.2	, using the measurement met s described in 140.7.5.1, with	hod specified in	121.8.5.3, and using a
					what w refere new te	vas defined in Onces. For the sa	the content of 168.7.5.1, then L 140.7.5 or CL 124.8.5, exc ake of clarity and consistence, commended to update the sec he exceptions.	ept need of upda also avoiding m	ates to the table hisleading message of
					Suggested	Remedy			
							5.1, 168.7.5.3,168.7.5.4. make verall standard of 802.3 is col		
					The T Table specif refere The si patteri specif — The appro: 53.12 <sup>4</sup> 20 dB Thom: — The white	168–6 if measured in 168.7.5.2 nce equalizer a gnaling rate of the for TDECQ e combination of kimately 26.562 5 GHz and at from compensation son response.	eges: within the limits given in red using the test setup spec , using the measurement met s described in 168.7.5.1, with the test pattern generator is a in Table 168–10. If the O/E converter and the or 5 GHz with a fourth-order Bes equencies above 1.3 × 53.125 may be made for any deviati ise power density spectrum, f a fourth-order Bessel-Thoms	hod specified in the following exis s given in Table scilloscope has a ssel-Thomson re s GHz the respor on from an ideal V(f) in Equation (	121.8.5.3, and using a ceptions: 168–6 and uses a test a 3 dB bandwidth of sponse to at least 1.3 × nse should not exceed – fourth-order Bessel- (121–9), is equivalent to
					setup measi	specified in 121 urement method	within the limits given in Tab .8.5.1, with an optical channe I specified in 140.7.5, and usi	l specified in 16	8.7.5.2, using the
					measu 140.7.	urement method	l specified in 140.7.5, and usi		

					C/ 168	SC 168.6.1	P <b>33</b>	L <b>36</b>	# 26
Proposed R	tesponse	Response Status O			Stassar, F	Peter	Huawei		
					Comment	Type ER	Comment Status X		D2.0 unresolved
C/ 168	SC 168.7.7	P <b>39</b>	L <b>31</b>	# 24			ver/undershoot", In P802.3d Also in 168.7,1 and 168.7.7		greed to use "transmitter
Mi, Guangc			ologies Co., Ltd		Suggeste	dRemedv			
	eems to be no one of the calculation of the calcula	Comment Status X change from the method defin n.	ed in CL 140. re	D2.0 unresolved ference to CL 140	168.6 In 168 under and u	.1 change "Trans 3.7.1, Table 168- shoot". Change I ndershoot". In pa	smitter over/under -shoot" to 10 change "Over/under-sho heading of 168.7.7 from "Ov aragraphs 1 and 2 of 168.7."	ot" to "Transmitte /er/under-shoot" te	r overshoot and o "Transmitter overshoot
possible	e language from	CL 151, and update the refer	ence tables sho	uld serve the purpose :	under	shoot".			
measur	ed using a test	of each lane shall be within th er/under-shoot in Table 151–1	-	Table 151–7 if	Proposed	Response	Response Status O		
		noot are measured using the v		ed for the TDECQ test	C/ 168	SC 168.3.2	P <b>29</b>	L <b>2</b>	# 27
(see 15	1.8.5) and the w	vaveform captured for the TEC	CQ test (see 151	.8.6), but without the	Zimmerma	an, George	ADI,APLgp	,Cisco,Marvell,On	Semi,Sony,SenTekse
Oversh	ce equalizer bei oot and undersh	ng applied in each case. loot are calculated using the r	methods in 140 7	77"	Comment	Type TR	Comment Status X		D2.0 unresolved
Proposed R		Response Status <b>O</b>			Furthe specif	er, the requireme ied? While 83.5	of fact. The limitation on the ents in 83.5.3.4 go further ar .3.4 was mentioned earlier lere is where that should be	nd specify skew va defining skew, it is	ariation. Is that to be
C/ 168	SC 168.7.11	P <b>40</b>	L <b>51</b>	# 25	Suggeste	dRemedy			
Mi, Guangc	an	Huawei Techn	ologies Co., Ltd				is limited to 43 ns as define		"Skew and skew
Comment T	ype <b>TR</b>	Comment Status X		D2.0 unresolved			comply with the requirement	ts of 83.5.3.4"	
update with wh	the definition of at is being used	y discussed the definition of F RINxOMA which better descr in the field. Related contribut g/3/dj/public/24_09/chayeb_3	ibes the actual b ion from Ahmad	ehaviour and aligns		Response	Response Status O		
Suggested		g/o/aj/pasilo/2 1_00/orlay05_0	aj_01_2100.put		C/ 168	SC 168.12.3		L <b>28</b>	# 28
	what is defined	in di				an, George	ADI,APLgp	,Cisco,Marvell,On	Semi,Sony,SenTekse
Proposed R					Comment		Comment Status X		D2.0 unresolved
Floposed R	esponse	Response Status <b>O</b>					section of the PICS, not a ca d to be spelled out in their o		These are
					Suggeste	dRemedy			
					and re const	enumber subseq	8.12.3, add new section 16 uent PICS statements. Go one-by-one to populate (th	through 168.3 and	d call out the delay
					Proposed	Response	Response Status O		

C/ 168	SC 168.7.12	P <b>41</b>	L15	# 29	C/ 168	SC	168.6	P <b>32</b>	L <b>40</b>	# 32
Zimmerma	an, George	ADI,APLgp,Cis	co,Marvell,OnS	emi,Sony,SenTekse	Huber, The	omas		Nokia		
Comment	Туре Т	Comment Status X		D2.0 unresolved	Comment	Туре	т	Comment Status X		D2.0 unresolved
is rece equati should 6 (dep label r bottor	eiver sensitivity bu ions 168-4, 168-5 d be sensitive to a bending on the PH needs to be 3 diffe n side of the line	aints" cannot possibly be right at the axis says OMAouter(dB , and 168-6 and the text to un a signal with an OMA of the le ity type) (but can be sensitive erent labels, each indicating w . The equations need more w ow well enough what you mea	<ul> <li>m). This needs ravel. Is this sa vel of equations to a lower level hich line they a vords to describe</li> </ul>	further definition in the ying that the RS 168-4, 168-5, and 168- signal)? If so, the re for, and on the e the measurement.	chann that th BR10 <i>Suggested</i> Make	el requi e BR20 PMD ai <i>IRemec</i> the sen	rements a ) PMD ope re met? dy tence mot	ng BR40 working with BR20 o re met is helpful, but it seem erates with a BR10 PMD as lo re generic: "A longer reach P annel requirments of the shor	s incomplete. ଐ ong as the chanr MD interoperate	ould is also not be true nel requirements of the s with a shorter reach
Suggestee	dRemedy		-		Proposed	Respor	ise	Response Status 0		
	der more explana	ocation of "Meets equation co tory words and converting the			C/ 168	SC	168.1	P <b>27</b>	L <b>9</b>	# 33
Proposed	Response	Response Status 0			Dawe, Pier	rs		Nvidia		
					Comment	Туре	Е	Comment Status X		D2.0 unresolved
C/ 168	SC 168.1	P <b>27</b>	L <b>13</b>	# 30	ln 157	, this fig	gure inclue	les OAM (OPTIONAL)		
	an, George			emi,Sony,SenTekse	Suggested	Remec	ły			
Comment		Comment Status X		D2.0 unresolved	Do the	e same	here?			
		n of the CGMII is optional, but	that is not what		Proposed	Respor	ise	Response Status 0		
Suggested		· · ·		0						
00		II at line 13. Add text of "NOT	E - Physical im	plementation of CGMII	C/ 168	SC	168.5.1	P30	L <b>39</b>	# 34
	onal" at line 29 (b	elow PCS).			Dawe, Pier	rs		Nvidia		
Proposed	Response	Response Status 0			Comment	Туре	Е	Comment Status X		D2.0 unresolved
								4 (these test points are not		
C/ 168	SC 168.5.9	P <b>32</b>	L <b>21</b>	# 31				but this is outdated. Clause <sup>2</sup> ear optical modules are feasi		
Huber, Th	omas	Nokia					e not typi			
Comment	Туре Е	Comment Status X		D2.0 unresolved	Suggested	Remec	ly			
The fi	rst sentence of thi	is clause is a comma splice.			Chang	e "are	not typical	ly be" to "might not be"		
Suggestee	dRemedy				Proposed	Respor	ise	Response Status 0		
PMDs	, or write it as "Th	th a semicolon, split into two s ne PMD_receive_fault function the 100GBASE-BRx-D PMD.'	is mandatory in							
Proposed	Response	Response Status <b>O</b>								

ake the sentence more generic: "A longer reach PMD interoperates with a shorter reach MD as long as the channel requirments of the shorter reach PMD are met." sed Response Response Status **O** SC 168.1 P27 L9 8 # 33 Piers Nvidia nent Type E Comment Status X D2.0 unresolved 157, this figure includes OAM (OPTIONAL) estedRemedy o the same here? sed Response Response Status **O** SC 168.5.1 8 P30 L39 # 34 Piers Nvidia Comment Status X nent Type Е 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: Comment ID

C/ 168	SC 168.5.4	P <b>31</b>	L <b>25</b>	# 35	C/ 168	SC 168.7.5.1	P38	L <b>5</b>	# 38
Dawe, Pie	rs	Nvidia			Dawe, Piers	5	Nvidia		
Comment	Туре Т	Comment Status X		D2.0 unresolved	Comment T	ype E	Comment Status X		D2.0 unresolved
manag	ged the same as	es have "global" in their nam multilane PHYs, saying that S					two clauses is hard to unde .10 and 151.8.1 it has been o		
	•	optical signal isn't really right.			Suggested	Remedy			
Suggested	,				Change	e "GHz and at fre	equencies" to "GHz. At freque	encies", here an	d in 168.7.10.
	e "global" here an				Proposed F	lesponse	Response Status 0		
Proposed	Response	Response Status O							
					C/ 168	SC 168.7.5.3	P <b>38</b>	L <b>53</b>	# 39
C/ 168	SC 168.6.1	P33	L <b>46</b>	# 36	Dawe, Piers	5	Nvidia		
Dawe, Pie		Nvidia			Comment T	ype <b>T</b>	Comment Status X		D2.0 unresolve
Comment		Comment Status X		D2.0 unresolved	More e	ceptions			
		esting some transmitters for			Suggested	Remedy			
		<ol><li>The cost in paperwork may</li></ol>	outweigh any d	interence in yield.	00	•	e test pattern generator is as	given in Table 1	68-6 and uses a test
conse Then I If it is t and th	der changing 15.6 rvative). RINxOMA can be thought worthwhi e channel optical	6 to 15 here and in Table 168 come RIN15OMA. le, the discrete reflectances fo return loss in Table 168-12 c	or 100GBASE-B	R10 in Table 168-14	There a betwee [Stated bandwi at least	re no interfering n test pattern on above — The c dth of approxima 1.3 × 53.125 GI	ECQ in Table 168–10. optical lanes and therefore to one lane and any other lane ombination of the O/E conve ately 26.5625 GHz with a fou Hz. At frequencies above 1.3	e, as specified in rter and the oscil rth-order Bessel- 3 × 53.125 GHz t	121.8.5.1, is redundant lloscope has a 3 dB -Thomson response to the response should
that 0.						eed –20 dB. Coı essel-Thomson	mpensation may be made for	r any deviation fr	rom an ideal fourth-
Proposed	Response	Response Status 0			The nor white n	malized noise p	ower density spectrum, N(f) fourth-order Bessel-Thomso		
C/ 168	SC 168.6.3	P <b>35</b>	L <b>14</b>	# 37	Proposed F	lesponse	Response Status <b>O</b>		
Dawe, Pie	rs	Nvidia							
Comment 6.3 dB	51	Comment Status X Int for the wavelengths conce	rned: see comm	D2.0 unresolved nent against 168.9					
Suggested Chang	,	.1); change 10.6 to 10.3 (or 1	0.4)						

Proposed Response Response Status **O** 

CI 168	SC 168.7.5.4	P <b>39</b>	L19	# 40	C/ 168	SC 168.7.12	P <b>41</b>	L <b>9</b>	# 43
Dawe, Piers	i	Nvidia			Dawe, Pie	rs	Nvidia		
Comment Ty	ype T	Comment Status X		D2.0 unresolved	Comment	Туре Е	Comment Status X		D2.0 unresolved
		nain tap at 0.8 would be unh			y axis	can be optimised	l		
		eiver. The over/under-shoot ening this limit will make no			Suggested	Remedy			
		it will be helpful.			Chang	ge the limits from	(-18 to 0) to (-15 to -3)		
SuggestedR	Remedy				Proposed	Response	Response Status 0		
Change	0.8 to 0.85								
Proposed Re	esponse	Response Status 0			C/ 168	SC 168.7.12	P <b>41</b>	L37	# 44
					Dawe. Pie		<b>⊬41</b> Nvidia	L31	# 44
C/ 168	SC 168.7.11	P <b>40</b>	L <b>53</b>	# 41	Comment	Type E	Comment Status X		D2.0 unresolved
Dawe, Piers	i	Nvidia			100GE	BASE-BR10			
Comment Ty	vpe T	Comment Status X		D2.0 unresolved	Suggested	lRemedv			
		easured with the optical pow	er meter metho		00	BASE-BR10			
	e). This has the	scope method described in advantage that RIN can be			Proposed	Response	Response Status <b>O</b>		
SuggestedR	Remedy								
		of P802.3dj, replace the con			C/ 168	SC 168.7.12	P <b>41</b>	L <b>40</b>	# 45
180.9.11	1, adjusting for t	he optical return loss(es) and	l reference Rx b	andwidth of this clause.	Dawe, Pie	rs	Nvidia		
		e "Square wave" to "4 or 6".			Comment		Comment Status X		D2.0 unresolved
Proposed Re	esponse	Response Status <b>O</b>			Units	should be upright	not italic		
					Suggested	dRemedy			
C/ 168	SC 168.7.12	P <b>41</b>	L <b>8</b>	# 42	Per co	omment			
Dawe, Piers	i	Nvidia			Proposed	Response	Response Status 0		
Comment Ty	ype E	Comment Status X		D2.0 unresolved					
This figu	ure is a bitmap; g	grey and unclear							
SuggestedR	Remedy								
Use blac	• • •	per way so it appears as a "v	ector graphic" ir	n the pdf;					
Proposed Re	esponse	Response Status <b>O</b>							
•		,							

C/ 168	SC 168.7.13	P <b>42</b>	L <b>38</b>	# 46	C/ 168	SC 168.7.13	P <b>42</b>	L <b>44</b>	# 49
Dawe, Pier	rs	Nvidia			Dawe, Piers		Nvidia		
Comment	Type E	Comment Status X		D2.0 unresolved	Comment Ty	rpe <b>T</b>	Comment Status X		D2.0 unresolved
		conformance test signal, sig			While it	should be obvio	ous		
		ical test signal, stressed rece al, and stressed receiver cor			SuggestedR	emedy			
		ne name for a thing, every til					PMD's transmitter and any o		
Suggested	IRemedy						erational when stressed sens goes for transmitter measure		
Try to	clean this up, as r	nuch as is reasonable.			Proposed Re	-	Response Status <b>0</b>	fields such as the	
Proposed	Response	Response Status <b>O</b>			FIODOSEC K	esponse	Response Status U		
		, -							
01.400	CC 400 7 40	Dia	/ 00	# [	C/ 168	SC 168.7.13.	3 P <b>4</b> 3	L <b>33</b>	# 50
C/ 168	SC 168.7.13	P <b>42</b>	L <b>39</b>	# 47	Dawe, Piers		Nvidia		
Dawe, Pier		Nvidia			Comment Ty	rpe E	Comment Status X		D2.0 unresolve
Comment	51	Comment Status X		D2.0 unresolved	Now tha	t we have a def	finition of TECQ, this can be	done directly	
"SRS"	is not explained.	It is used only three times.			SuggestedR	emedy			
Suggested					0		according to 168.7.5, except t	hat the test fiber	is not used" to "is
Spell it	t out each time				measure	ed according to	168.7.6"		
Proposed	Response	Response Status <b>O</b>			Proposed Re	esponse	Response Status <b>O</b>		
C/ 168	SC 168.7.13	P <b>42</b>	L <b>42</b>	# 48	C/ 168	SC 168.7.13.	3 P43	L <b>41</b>	# 51
Dawe. Pier	rs	Nvidia			Dawe, Piers		Nvidia		
Comment		Comment Status X		D2.0 unresolved	Comment Ty	vpe E	Comment Status X		D2.0 unresolved
	51	ce of the optical link should l	be at its maximu	m level" but there is no	From the	e style guide: T	he word may is used to indic	ate a course of a	ction permissible
		at to do, and unlike the TDE	CQ setup, there	is no optical reflector	within th	e limits of the s	tandard (may equals is perm	itted to).	
in Fig					SuggestedR	emedy			
Suggested		te the sentence.			Change might re		d may result" to "under-stres	sed could result"	or "under-stressed
Explai	in and range of actor								

	00.400.6			"		00.400.55	Dir		
C/ 168	SC 168.9	P <b>45</b>	L <b>26</b>	# 52	C/ 168	SC 168.11	P <b>47</b>	L <b>39</b>	# 55
Dawe, Pie	rs	Nvidia			Dawe, Pie		Nvidia		
Comment	51	Comment Status X		D2.0 unresolved	Comment	51	Comment Status X		D2.0 unresolve
25ĞB.	ASE-BR10 and 5	B at 1310 nm. 10GBASE-BR 0GBASE-BR10, also 1260 nr gth is 1303.6 nm so the same	n, are allowed 6.	3 dB. 100GBASE-		ial e.g. in 151 do	s for interoperation between 10 besn't say "Requirements for".		'MDs" other similar
	ating the channe or 6.02 dB at 130	I insertion loss using the link 3.6 nm	model, it's 6.00 c	IB at 1310 nm 6.20 at	00	,	for" here and in the table title		
Suggested	Remedy				Proposed	Response	Response Status 0		
Chano 10.4).	je 6.3 to 6 (or 6.1	). Change the budget for 100	)GBASE-BR10 f	rom 10.6 to 10.3 (or					
Proposed	Response	Response Status 0			C/ 168	SC 168.11	P <b>47</b>	L <b>39</b>	# 56
					Dawe, Pie		Nvidia		
C/ 168	SC 168.9	P <b>45</b>	L36	# 53	Comment	• •	Comment Status X		D2.0 unresolved
Dawe. Pie		Vidia	230	# 55			to introduce the table, which s BR10. Presumably the mixed		
Comment		Comment Status X		D2.0 unresolved			e shorter-reach PMD.		
	51	on ranges for the upstream di	rection only	D2.0 unresolved	Suggested	Remedy			
	-	the dispersion ranges for the <i>Response Status</i> <b>O</b>	downstream dire	ection.	168.1 The 10 an eng 100GE minim	00GBASE-BR20 gineered link) pr 3ASE-BR20 in <sup>-</sup> um channel inse	between 100GBASE-BRx PM 0 and 100GBASE-BR40 PMDs ovided that the fiber optic cab fable 168-12 are met, with the ertion loss values, which are g Attenuators may be used to a	s can interoperate ling (channel) cha exception of the iven in Table 168	aracteristics for maximum and 3-15 for the two link
C/ 168	SC 168.10	P <b>46</b>	L <b>26</b>	# 54			n 100GBASE-BR10 and 1000	BASE-BR20 or	100GBASE-BR40 is
Dawe, Pie	rs	Nvidia					whatever the case is).		
Comment	Туре Е	Comment Status X		D2.0 unresolved	Proposed	Response	Response Status 0		
	ot support opera 100GBASE-BR4	tion 10 km for 100GBASE-BF 40.	10, 20 km for 10	0GBASE-BR20 or 40		00 400 5 4			11
Suggested	Remedy				C/ 168	SC 168.5.1	P30	L <b>38</b>	# 57
	ot support opera for 100GBASE-I	tion *at* 10 km for 100GBASE 3R40.	E-BR10, 20 km fo	or 100GBASE-BR20 or	Dudek, Mi <i>Comment</i>		Marvell Comment Status X		D2.0 unresolve
Proposed	Response	Response Status 0			poor E	English.			
					Suggested Delete	,	e not typically be accessible"		
					Proposed		Response Status <b>O</b>		
					1 1000360	100001130	Nesponse Status U		

	SC 168.6	P <b>32</b>	L <b>40</b>	# 58	C/ <b>45</b>	SC 45.2.1.6		P <b>16</b>	L10	# 61
Dudek, Mike		Marvell			Zimmerma	n, George		ADI,APLgp,C	isco,Marvell,On	Semi,Sony,SenTekse
Comment Ty	pe TR	Comment Status X		D2.0 unresolved	Comment	Туре Е	Comment	Status X		consistency_a
100GBA 100GBA additiona including for inter-co output po signal de	SE-BR10 and 1 SE-BR10 and 1 al requirements the addition of operation betwee ower for 100GB etect "fail" level	that the 100GBASE-DR40 P 00GBASE-BR20 provided t 00GBASE-BR20 are met, h for interoperation between 1 minimum losses. Section 1 een 100GBASE-BR40 and 1 ASE-BR40 in the off state is of -20dBm.	he channel requi nowever section 100GBASE-BR40 168.11 doesn't ir 00GBASE-10 ar	rements for 168.11 includes ) and 100GBASE-20 iclude minimum losses id the minimum Tx	AHEA been i made beyon ameno most r was al	D of 802.3dj, wh n response to cc in 802.3dj, it me d the editing inst led is ADDED b ecent amendme ready inserted b	ich hasn't ever omment 146, burely pointed ou ruction - the lir y the d1.5 of dj nt I know of, 80 y 802.3df, nor	n entered work ut comment 14 t dj was extend ne "10101xxx = Further, the 02.3df, since it with 802.3dj, b	ing group ballot. 16 didn't call for b ding the space. T = reserved" which e edit isn't even f shows 11xxxxxx because that show	his standard seems This appears to have building off of edits The error appears to go in is struck out and fully consistent with the c as an insert, and that ws 1011xxxx inserted fts AHEAD of this draft
SuggestedRe	•					comment 112 is		completed and		
		annel losses are specified ir ion between 100GBASE-BF			Suggested	Remedy				
168.11										are no other drafts
Proposed Re	esponse	Response Status 0			"(as ai	nended by IEEE	Std 802.3df-2	024)"		instruction to indicate
					Chang then:	e edit to table 4	5-7, to reflect th	he state of the	table at that ame	endment. (if it is df,
C/ 168	SC 168.7.12	P <b>41</b>	L	# 59		e underscore fro	m: the bit num	bers (7 6 5 4 3	3210) and 11 x	x x x x x = reserved
Dudek, Mike		Marvell			rows Retain	$1011 \times \times \times \times = r$	eserved row w	ith underscore		
Dudek, Mike Comment Ty	pe T	Marvell Comment Status X		D2.0 unresolved	Retain	1011 x x x x = r ce 10101x x x =			x = reserved"(in s	strikeout)
Comment Ty	, 168-6 "meets e		to be below all th		Retain Replac and ke	e 10101x x x = ep remaining in	reserved, with serted rows (10	"1 0 1 x x x x : 01011xx and b	x = reserved"(in s elow) as in draft.	,
Comment Ty In Figure be delete SuggestedRe	, e 168-6 "meets e ed.	Comment Status X	to be below all ti		Retain Replac and ke (If the	e 10101x x x = ep remaining in	reserved, with serted rows (10	"1 0 1 x x x x : 01011xx and b	x = reserved"(in s elow) as in draft.	
Comment Ty In Figure be delete SuggestedRe Fix it	, 168-6 "meets e ed. emedy	Comment Status X	to be below all th		Retain Replac and ke (If the	ce 10101x x x = eep remaining in e are other draft priately)	reserved, with serted rows (10	"1 0 1 x x x x t 01011xx and b that edit this t	x = reserved"(in s elow) as in draft.	,
Comment Ty In Figure be delete SuggestedRe	, 168-6 "meets e ed. emedy	Comment Status X	to be below all th		Retair Repla and ke (If the approj	ce 10101x x x = eep remaining in e are other draft priately)	reserved, with serted rows (10 s after 802.3df	"1 0 1 x x x x t 01011xx and b that edit this t	x = reserved"(in s elow) as in draft.	,
Comment Ty In Figure be delete SuggestedRe Fix it	, 168-6 "meets e ed. emedy	Comment Status X equation constraints" needs	to be below all th	ne lines or it needs to	Retair Repla and ke (If the approj	ce 10101x x x = eep remaining in e are other draft priately)	reserved, with serted rows (10 s after 802.3df	"1 0 1 x x x x t 01011xx and b that edit this t	x = reserved"(in s elow) as in draft.	,
Comment Ty In Figure be delete SuggestedRe Fix it Proposed Re	9 168-6 "meets e ed. emedy esponse	Comment Status X equation constraints" needs Response Status O			Retair Repla and ke (If the approj	ce 10101x x x = eep remaining in e are other draft priately)	reserved, with serted rows (10 s after 802.3df	"1 0 1 x x x x t 01011xx and b that edit this t	x = reserved"(in s elow) as in draft.	,
Comment Ty, In Figure be delete SuggestedRe Fix it Proposed Re Cl 168	sponse SC <b>168.11</b>	Comment Status X equation constraints" needs Response Status O P47		ne lines or it needs to	Retair Repla and ke (If the approj	ce 10101x x x = eep remaining in e are other draft priately)	reserved, with serted rows (10 s after 802.3df	"1 0 1 x x x x t 01011xx and b that edit this t	x = reserved"(in s elow) as in draft.	,
Comment Ty, In Figure be delete SuggestedRe Fix it Proposed Re Cl 168 Dudek, Mike Comment Ty, There is specs for between	a 168-6 "meets ded. emedy esponse SC 168.11 pe TR only one fiber b r the two directio	Comment Status X equation constraints" needs Response Status O P47 Marvell Comment Status X etween the BR20 and BR40 ons. To be compliant in bo 0 would have to be min 8.30	L <b>47</b> ) PMD's so there oth directions it a	# <u>60</u> <i>D2.0 unresolved</i> can't be different loss ppears that the loss	Retair Repla and ke (If the approj	ce 10101x x x = eep remaining in e are other draft priately)	reserved, with serted rows (10 s after 802.3df	"1 0 1 x x x x t 01011xx and b that edit this t	x = reserved"(in s elow) as in draft.	,
Comment Ty, In Figure be delete SuggestedRe Fix it Proposed Re Cl 168 Dudek, Mike Comment Ty, There is specs for between	se 168-6 "meets e ed. emedy esponse SC 168.11 pe TR only one fiber b r the two direction BR20 and BR4 it could be spec	Comment Status X equation constraints" needs Response Status O P47 Marvell Comment Status X etween the BR20 and BR40 ons. To be compliant in bo 0 would have to be min 8.30	L <b>47</b> ) PMD's so there oth directions it a	# <u>60</u> <i>D2.0 unresolved</i> can't be different loss ppears that the loss	Retair Repla and ke (If the approj	ce 10101x x x = eep remaining in e are other draft priately)	reserved, with serted rows (10 s after 802.3df	"1 0 1 x x x x t 01011xx and b that edit this t	x = reserved"(in s elow) as in draft.	,
Comment Ty, In Figure be delete SuggestedRe Fix it Proposed Re Cl 168 Dudek, Mike Comment Ty, There is specs for between range bu SuggestedRe	se 168-6 "meets e ed. emedy esponse SC 168.11 pe TR only one fiber b r the two direction BR20 and BR4 it could be spect emedy	Comment Status X equation constraints" needs Response Status O P47 Marvell Comment Status X etween the BR20 and BR40 ons. To be compliant in bo 0 would have to be min 8.30	L <b>47</b> D PMD's so there oth directions it a dB and max 10df	# 60 <i>D2.0 unresolved</i> can't be different loss ppears that the loss 3 which is a very small	Retair Repla and ke (If the approj	ce 10101x x x = eep remaining in e are other draft priately)	reserved, with serted rows (10 s after 802.3df	"1 0 1 x x x x t 01011xx and b that edit this t	x = reserved"(in s elow) as in draft.	,

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: Comment ID

/ 168	SC 168.6.3	P <b>44</b>	L18	# 62	C/ 168	SC 168.6,1		P <b>42</b>	L <b>28</b>	# 64
aniloff, Ei	ric	Ciena			Maniloff, Er	ric		Ciena		
omment	Type <b>TR</b>	Comment Status X			Comment 7	Type <b>TR</b>	Comment S	Status X		
more for and Mi	or the 20 & 40km PI penalties. DGI	ude 0.9dB more than TDEC( a specs. Penalty allocations of D is 3.1/3.9/5.0 ps for 10/20/ 40 kms would be ≥ those for	normally include a 40km specs. The	allocations for DGD	(Min) v	values for this is outer for BR40.	7.8 dBm. This le	eaves 0.5 dB	840 is 8.3dBm. At difference betwe the for manufacturi	
lggested	Remedy				Suggested	Remedy				
0.1dB f penalty approx at the f	for the BR20 DG / for for both BR : 0.1 to 0.15 dB D nigher loss. Using mended, resulting	huai_3cu_adhoc_050119.pc D spec. MPI allocation shou 10 and BR20 is recommend 0GD penalty, however this w g 0.9dB additional penalty fo g in total allocations for pena	ld be comparable ed. For BR40 the ill be offset by the or BR10, BR20, ar	hence having 0.9dB re is an additional reduced MPI penalty nd BR40 is	reduce resista loss wi	ed or maximum r nce to increasin ill enable an incr / a minimum link	needs to be incr g the maximum ease to the max	eased. Due to value. Specif cumimum Tx n Table 168-2	fying a 1 dB highe power. A recomm	num needs to be rns, there has been er minimum insertion nended solution is to n OMA_outer of 9.3
oposed I	Response	Response Status 0			Toposed T	Nesponse	Response 3			
					C/ 00	SC 0		P <b>11</b>	L <b>54</b>	# 65
					••••			<i>'</i>	-•1	
168	SC 168.6,1	P <b>42</b>	L <b>28</b>	# 63	Wienckows			IVN Solutions	• •	
	,	P <b>42</b> Ciena	L <b>28</b>	# 63		ski, Natalie	Comment S	IVN Solutions	• •	
aniloff, Er omment Curren (Min) v	ric <i>Type</i> <b>TR</b> tly the OMA (Ma ralues for this are	Ciena Comment Status X x) value for 100GBASE-BR2 -0.3 dBm. This leaves 0.3 d	20 is 0 dBm. At ma dB difference betv	ax TDECQ the OMA veen Min and Max for	Wienckows Comment Missing This wa	ski, Natalie <i>Type ER</i> g table of conter	Comment S nts comment #258	IVN Solutions	s LLC	ution was "ACCEPT",
niloff, Er mment T Curren (Min) v BR20.	ric <i>Type</i> <b>TR</b> tly the OMA (Ma ralues for this are This is not suffic	Ciena Comment Status X x) value for 100GBASE-BR2	20 is 0 dBm. At ma dB difference betv	ax TDECQ the OMA veen Min and Max for	Wienckows Comment Missing This wa	ski, Natalie <i>Type</i> <b>ER</b> g table of conter as submitted as a table has not b	Comment S nts comment #258	IVN Solutions	s LLC	
(Min) v BR20. uggested	ric Type TR tly the OMA (Ma alues for this are This is not suffici Remedy	Ciena Comment Status X x) value for 100GBASE-BR2 -0.3 dBm. This leaves 0.3 d ient difference for manufactu	20 is 0 dBm. At m 1B difference betw uring yield, lifetime	ax TDECQ the OMA veen Min and Max for e, or thermals.	Wienckows Comment T Missing This wa but the Suggested	ski, Natalie Type ER g table of conter as submitted as a table has not b IRemedy	Comment S nts comment #258 een added.	IVN Solutions Status X on D2.0. The	s LLC e comment resolu	
uniloff, Eu mment (Min) v BR20. ggested In orde reduce resista	ric Type <b>TR</b> tly the OMA (Ma alues for this are This is not suffici Remedy er to increase the d or maximum monce to increasing	Ciena Comment Status X x) value for 100GBASE-BR2 e-0.3 dBm. This leaves 0.3 d ient difference for manufactu ∆ between min and max val eeds to be increased. Due to the maximum value. Specif	20 is 0 dBm. At ma IB difference betw uring yield, lifetime lues, either minim o overload concer fying a minimum i	ax TDECQ the OMA veen Min and Max for e, or thermals. um needs to be rns, there has been nsertion loss will	Wienckows Comment T Missing This wa but the Suggested	ski, Natalie <i>Type</i> <b>ER</b> g table of conter as submitted as a table has not b <i>Remedy</i> a table of conten	Comment S nts comment #258 een added.	IVN Solutions Status X on D2.0. The	s LLC e comment resolu	ution was "ACCEPT",
aniloff, En omment (Min) v BR20. Iggested In orde reduce resista enable	ric Type <b>TR</b> tly the OMA (Ma alues for this are This is not suffici Remedy er to increase the d or maximum nu- nce to increasing an increase to th	Ciena Comment Status X x) value for 100GBASE-BR2 -0.3 dBm. This leaves 0.3 c ient difference for manufactur $\Delta$ between min and max valueds to be increased. Due to	20 is 0 dBm. At ma IB difference betw uring yield, lifetime lues, either minim o overload concer fying a minimum i v recommended s	ax TDECQ the OMA veen Min and Max for e, or thermals. um needs to be ns, there has been nsertion loss will olution is to specify a	Wienckows Comment Missing This wa but the Suggested Create	ski, Natalie <i>Type</i> <b>ER</b> g table of conter as submitted as a table has not b <i>Remedy</i> a table of conten	Comment S nts comment #258 een added. ts and insert afte	IVN Solutions Status X on D2.0. The	s LLC e comment resolu	ution was "ACCEPT",
aniloff, En curren (Min) v BR20. uggested In orde reduce resista enable minimu	ric Type <b>TR</b> tly the OMA (Ma alues for this are This is not suffici Remedy er to increase the d or maximum nu- nce to increasing an increase to th	Ciena Comment Status X x) value for 100GBASE-BR2 e -0.3 dBm. This leaves 0.3 d ient difference for manufactu $\Delta$ between min and max value eeds to be increased. Due to the maximum value. Specifi he maxumimum Tx power. A	20 is 0 dBm. At ma IB difference betw uring yield, lifetime lues, either minim o overload concer fying a minimum i v recommended s	ax TDECQ the OMA veen Min and Max for e, or thermals. um needs to be ns, there has been nsertion loss will olution is to specify a	Wienckows Comment Missing This wa but the Suggested Create Proposed F	ski, Natalie Type ER g table of conter as submitted as table has not b Remedy table of contern Response SC 45.2.1.8	Comment S comment #258 een added. ts and insert afte <i>Response</i> S	IVN Solutions Status X on D2.0. The er the introduct tatus <b>O</b>	e comment resolu ctory material and	ution was "ACCEPT", I before Clause 30.
aniloff, En omment T Curren (Min) v BR20. In order reduce resista enable minimu	ric Type <b>TR</b> tly the OMA (Ma ralues for this are This is not suffice Remedy er to increase the d or maximum monce to increasing an increase to the um link loss of 1.2	Ciena Comment Status X x) value for 100GBASE-BR2 -0.3 dBm. This leaves 0.3 d ient difference for manufactur $\Delta$ between min and max value eeds to be increased. Due to the maximum value. Specifing the maxumimum Tx power. A 2 dB in Table 168-12 and a to	20 is 0 dBm. At ma IB difference betw uring yield, lifetime lues, either minim o overload concer fying a minimum i v recommended s	ax TDECQ the OMA veen Min and Max for e, or thermals. um needs to be ns, there has been nsertion loss will olution is to specify a	Wienckows Comment T Missing This wa but the Suggested Create Proposed F	ski, Natalie <i>Type</i> <b>ER</b> g table of conter as submitted as a table has not b <i>Remedy</i> a table of conter <i>Response</i> <i>SC</i> <b>45.2.1.8</b> ski, Natalie	Comment S comment #258 een added. ts and insert afte <i>Response</i> S	IVN Solutions Status X on D2.0. The er the introduct tatus <b>O</b> P <b>17</b> IVN Solutions	e comment resolu ctory material and	ution was "ACCEPT", I before Clause 30.
aniloff, En omment T Curren (Min) v BR20. In order reduce resista enable minimu	ric Type <b>TR</b> tly the OMA (Ma ralues for this are This is not suffice Remedy er to increase the d or maximum monce to increasing an increase to the um link loss of 1.2	Ciena Comment Status X x) value for 100GBASE-BR2 -0.3 dBm. This leaves 0.3 d ient difference for manufactur $\Delta$ between min and max value eeds to be increased. Due to the maximum value. Specifing the maxumimum Tx power. A 2 dB in Table 168-12 and a to	20 is 0 dBm. At ma IB difference betw uring yield, lifetime lues, either minim o overload concer fying a minimum i v recommended s	ax TDECQ the OMA veen Min and Max for e, or thermals. um needs to be ns, there has been nsertion loss will olution is to specify a	Wienckows Comment Missing This wa but the Suggested Create Proposed P Cl 45 Wienckows Comment	ski, Natalie <i>Type</i> <b>ER</b> g table of conter as submitted as a table has not b <i>Remedy</i> a table of conter <i>Response</i> SC <b>45.2.1.8</b> ski, Natalie <i>Type</i> <b>ER</b>	Comment S comment #258 een added. ts and insert aft <i>Response S</i> <i>Comment S</i>	IVN Solutions Status X on D2.0. The er the introduct tatus <b>O</b> P17 IVN Solutions Status X	e comment resolu ctory material and <i>L</i> 22 s LLC	ution was "ACCEPT", I before Clause 30.
aniloff, En curren (Min) v BR20. uggested In orde reduce resista enable minimu	ric Type <b>TR</b> tly the OMA (Ma ralues for this are This is not suffice Remedy er to increase the d or maximum monce to increasing an increase to the um link loss of 1.2	Ciena Comment Status X x) value for 100GBASE-BR2 -0.3 dBm. This leaves 0.3 d ient difference for manufactur $\Delta$ between min and max value eeds to be increased. Due to the maximum value. Specifing the maxumimum Tx power. A 2 dB in Table 168-12 and a to	20 is 0 dBm. At ma IB difference betw uring yield, lifetime lues, either minim o overload concer fying a minimum i v recommended s	ax TDECQ the OMA veen Min and Max for e, or thermals. um needs to be ns, there has been nsertion loss will olution is to specify a	Wienckows Comment Missing This wa but the Suggested Create Proposed P Cl 45 Wienckows Comment	ski, Natalie <i>Type</i> <b>ER</b> g table of conter as submitted as a table has not b <i>Remedy</i> a table of contern <i>Response</i> SC <b>45.2.1.8</b> ski, Natalie <i>Type</i> <b>ER</b> suse 45.2.1.8.1 s	Comment S comment #258 een added. ts and insert aft <i>Response S</i> <i>Comment S</i>	IVN Solutions Status X on D2.0. The er the introduct tatus <b>O</b> P17 IVN Solutions Status X	e comment resolu ctory material and <i>L</i> 22 s LLC	ution was "ACCEPT", d before Clause 30. # <u>66</u>
aniloff, Er omment Curren (Min) v BR20. Uggested In orde reduce resista enable minimu	ric Type <b>TR</b> tly the OMA (Ma ralues for this are This is not suffice Remedy er to increase the d or maximum monce to increasing an increase to the um link loss of 1.2	Ciena Comment Status X x) value for 100GBASE-BR2 -0.3 dBm. This leaves 0.3 d ient difference for manufactur $\Delta$ between min and max value eeds to be increased. Due to the maximum value. Specifing the maxumimum Tx power. A 2 dB in Table 168-12 and a to	20 is 0 dBm. At ma IB difference betw uring yield, lifetime lues, either minim o overload concer fying a minimum i v recommended s	ax TDECQ the OMA veen Min and Max for e, or thermals. um needs to be ns, there has been nsertion loss will olution is to specify a	Wienckows Comment T Missing This wa but the Suggested Create Proposed F Cl 45 Wienckows Comment T Subcla Suggested	ski, Natalie <i>Type</i> <b>ER</b> g table of conter as submitted as a table has not b <i>Remedy</i> a table of contern <i>Response</i> SC <b>45.2.1.8</b> ski, Natalie <i>Type</i> <b>ER</b> suse 45.2.1.8.1 s	Comment S comment #258 een added. ts and insert afte <i>Response S</i> <i>Comment S</i> should not have	IVN Solutions Status X on D2.0. The er the introduct tatus <b>O</b> P17 IVN Solutions Status X	e comment resolu ctory material and <i>L</i> 22 s LLC	ution was "ACCEPT", d before Clause 30. # <u>66</u>

C/ 157 SC 157.6	P <b>34</b>	L14	# 67	C/ 168	SC 168.1	P45	L36	# 70
Wienckowski, Natalie	IVN Solutions			Wienckowsł		IVN Solutions		" 10
Comment Type ER	Comment Status X n D2.0 stated: References to ex		ot properly indicated.	Comment T	ype E	Comment Status X		
Clause 160 is not in t SuggestedRemedy				SuggestedF fix the li	-	s in the document.		
	g of "External" to "Clause 160".			Proposed R	esponse	Response Status 0		
Proposed Response	Response Status <b>O</b>							
C/ 157 SC 157.6	P34	L12	# 68	C/ 80	SC 80.2.5	P <b>21</b>	L <b>51</b>	# 71
Vienckowski, Natalie	IVN Solutions		<i>"</i> 00	Wienckows	,	IVN Solutions	s LLC	
Comment Type E	Comment Status X			Comment T		Comment Status X		
broken link						D2.0 stated: References to ex	xternal points not	property indicated.
SuggestedRemedy fix the Clause 45 link	as it is in the document.				character tag	of "External" to: Clause 84, C ise 140, Clause 154, and Cla		92, Clause 95, Clause
Proposed Response	Response Status O			Proposed R	esponse	Response Status <b>O</b>		
C/ 168 SC 168.1	P <b>45</b>	L <b>29</b>	# 69	C/ 80	SC 80.2.5	P <b>21</b>	L <b>52</b>	# 72
Vienckowski, Natalie	IVN Solutions	LLC		Wienckowsł	ki, Natalie	IVN Solutions	s LLC	
Comment Type ER	Comment Status X			Comment T	ype E	Comment Status X		
following which are n	al points not properly indicated. tot in the document: 81, 82, 83, 8			broken SuggestedF				
135F, 135G, 120F, 1	20G, and 78.			00	,	168" as it is in the document.		
SuggestedRemedy	g of "External" to "Clause 160".			Proposed R	esponse	Response Status <b>O</b>		
Proposed Response	Response Status <b>0</b>							
, ,				C/ 80	SC 80.2.5	P <b>21</b>	L <b>52</b>	# 73
				Wienckowsł	ki, Natalie	IVN Solutions	s LLC	
				Comment T There is		Comment Status X		
				SuggestedF	Remedv			
				Remove	,	er "Clause 140,"		

Comment ID 73

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C/80 SC 80.4	P <b>22</b>	L12	# 74	C/ 91	SC 91.5.3.3	P <b>24</b>	L <b>35</b>	# 77
Vienckowski, Natalie	IVN Solutions I	LLC		Wienckow	vski, Natalie	IVN Solution	is LLC	
Comment Type ER As comment #235 of	Comment Status X	ernal points not	properly indicated.	<i>Comment</i> As co	51	Comment Status X D2.0 stated: References to e	external points not	properly indicated
SuggestedRemedy Apply a character tag	g of "External" to: 140.3 and 88.3	3.1.		S <i>uggeste</i> Apply	•	of "External" to "91.6.8".		
Proposed Response	Response Status O			Proposed	Response	Response Status <b>O</b>		
C/ 80 SC 80.7	P23	L <b>38</b>	# 75	C/ 91	SC 91.5.3.3	P <b>24</b>	L <b>36</b>	# 78
Vienckowski, Natalie	IVN Solutions	LLC		Wienckow	/ski, Natalie	IVN Solution	is LLC	
Comment Type E	Comment Status X			Comment	Type ER	Comment Status X		
broken link				As co	mment #235 on I	D2.0 stated: References to e	external points not	properly indicated
SuggestedRemedy				Suggeste	2			
	as it is in the document.			Apply	a character tag o	of "External" to "91.6.1".		
Proposed Response	Response Status <b>O</b>			Proposed	Response	Response Status O		
			" [20]	C/ 91	SC 91.6.3	P <b>25</b>	L <b>19</b>	# 79
C/ 80 SC 80.7	P23	L38	# 76	Wienckow	/ski, Natalie	IVN Solution	is LLC	
Vienckowski, Natalie	IVN Solutions I	LC		Comment	Type ER	Comment Status X		
Comment Type ER	Comment Status X n D2.0 stated: References to exte	ornal painta pat	properly indicated	As co	mment #235 on I	D2.0 stated: References to e	external points not	properly indicated
	TDZ.0 Stated. References to exit	sinai points not	property indicated.	Suggeste	dRemedy			
SuggestedRemedy	g of "External" to: Clause 73, Cla			Apply	a character tag	of "External" to "91.5.2.6".		
95, Clause 135, Clau 163.	use 138, Clause 140, Clause 152	2, Clause 154, 0	Clause 161, and Clause	Proposed	Response	Response Status <b>O</b>		
	Response Status 0			C/ 91	SC 91.6.3	P <b>25</b>	L <b>25</b>	# 80
Proposed Response				Wienckow	/ski, Natalie	IVN Solution	ILC	
Proposed Response				WICHCKOW	SKI, Matalie			
roposed Response				Comment	Type ER	Comment Status X D2.0 stated: References to e		properly indicated
roposed Response				Comment As co	<i>Type</i> <b>ER</b> mment #235 on I	Comment Status X		properly indicated
Proposed Response				Comment As co Suggeste	<i>Type</i> <b>ER</b> mment #235 on I dRemedy	Comment Status X		properly indicated

C/ 91 SC 91.7.4.1	P <b>27</b>	L13	# 81	C/ 91 SC 91.7.4.2	P <b>28</b>	L <b>37</b>	# 85
Vienckowski, Natalie	IVN Solutions	LLC		Wienckowski, Natalie	IVN Solutions	LLC	
Comment Type E broken link	Comment Status X			Comment Type E broken link	Comment Status X		
SuggestedRemedy fix the 91.5.2.7 link as	it is in the document.			SuggestedRemedy fix the 91.5.3.3 link as it	t is in the document.		
Proposed Response	Response Status <b>O</b>			Proposed Response	Response Status O		
Ø 91 SC 91.7.4.1	P <b>27</b>	L18	# 82	Cl 157 SC 157.1.2	P <b>29</b>	L <b>33</b>	# 86
/ienckowski, Natalie	IVN Solutions	LLC		Wienckowski, Natalie	IVN Solutions	LLC	
<i>Comment Type</i> <b>E</b> broken link	Comment Status X			Comment Type E broken link	Comment Status X		
SuggestedRemedy				SuggestedRemedy			
fix the 91.5.2.7 link as	it is in the document.			fix the 80.1.3 link as it is	s in the document.		
Proposed Response	Response Status <b>O</b>			Proposed Response	Response Status <b>O</b>		
7 91 SC 91.7.4.2	P <b>28</b>	L <b>7</b>	# 83	C/ 157 SC 157.1.4	P <b>31</b>	L <b>28</b>	# 87
Vienckowski, Natalie	IVN Solutions	LLC		Wienckowski, Natalie	IVN Solutions	LLC	
Comment Type E broken link	Comment Status X			Comment Type ER As comment #235 on D	Comment Status X 02.0 stated: References to ex	ternal points not	properly indicated.
SuggestedRemedy				SuggestedRemedy			
fix the 91.5.3.3 link as	it is in the document.			Apply a character tag o	f "External" to: Table 157-3, <sup>-</sup>	Table 157-4, and	l Table 157-5.
Proposed Response	Response Status O			Proposed Response	Response Status O		
C/ 91 SC 91.7.4.2	P <b>28</b>	L <b>22</b>	# 84	C/ 157 SC 157.2.1	P31	L <b>46</b>	# 88
Vienckowski, Natalie	IVN Solutions	LLC		Wienckowski, Natalie	IVN Solutions	LLC	
Comment Type E broken link	Comment Status X			Comment Type ER As comment #235 on D	Comment Status X 2.0 stated: References to ex	ternal points not	properly indicated.
				SuggestedRemedy			
SuggestedRemedy							
SuggestedRemedy fix the 91.5.3.3 link as	it is in the document.			Apply a character tag o	f "External" to: Table 157-3, <sup>-</sup>	Table 157-4, and	I Table 157-5.

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

C/ 157	SC 157.2.2	P <b>31</b>	L <b>54</b>	# 89	C/ 157	SC 157.2.3	P <b>32</b>	L <b>36</b>	# 93
Vienckows	ski, Natalie	IVN Solutions	LLC		Wienckows	,	IVN Solution	s LLC	
Comment As con	51	Comment Status X 2.0 stated: References to ext	ternal points not	properly indicated.	Comment broker	51	Comment Status X		
Suggested	Remedy				Suggested	Remedy			
Apply a	a character tag o	f "External" to: Table 157-3, T	able 157-4, and	Table 157-5.	fix the	Table 157-6 link	as it is in the document.		
Proposed I	Response	Response Status <b>O</b>			Proposed	Response	Response Status <b>O</b>		
C/ 157	SC 157.2.2	P <b>32</b>	L <b>8</b>	# 90	C/ 157	SC 157.2.4	P <b>32</b>	L <b>50</b>	# 94
Vienckows	ski, Natalie	IVN Solutions	LLC		Wienckows	ski, Natalie	IVN Solution	s LLC	
Comment As con		Comment Status X 2.0 stated: References to ext	ternal points not	properly indicated.	<i>Comment</i> As cor		Comment Status X D2.0 stated: References to e	xternal points not	properly indicated.
Suggested	Remedy				Suggested	Remedy			
Apply a	a character tag o	f "External" to: 120F and 120	G.		Apply	a character tag	of "External" to: Table 157-3,	Table 157-4, and	l Table 157-5.
Proposed I	Response	Response Status <b>O</b>			Proposed	Response	Response Status <b>O</b>		
C/ 157	SC 157.2.2	P <b>32</b>	L <b>8</b>	# 91	C/ 157	SC 157.2.4	P <b>32</b>	L <b>51</b>	# 95
Vienckows	ski, Natalie	IVN Solutions	LLC		Wienckows	ski, Natalie	IVN Solution	s LLC	
Comment <sup>·</sup> broken	51	Comment Status X			<i>Comment</i> broker		Comment Status X		
Suggested	Remedy				Suggested	Remedy			
Fix the	168 link as it is i	n the document, and make it	black.		fix the	Table 157-6 link	as it is in the document.		
Proposed I	Response	Response Status <b>O</b>			Proposed	Response	Response Status <b>O</b>		
C/ 157	SC 157.2.3	P <b>32</b>	L <b>36</b>	# 92	C/ 157	SC 157.2.5	P33	L <b>5</b>	# 96
Vienckows	ski, Natalie	IVN Solutions	LLC		Wienckows	ski, Natalie	IVN Solution	s LLC	
Comment ` As con	51	Comment Status X 2.0 stated: References to ext	ternal points not	properly indicated.	Comment As cor		Comment Status X D2.0 stated: References to e	xternal points not	properly indicated.
Suggested	Remedy				Suggested	Remedy			
Apply a	a character tag o	f "External" to: Table 157-3, T	able 157-4, and	Table 157-5.	Apply	a character tag	of "External" to: Table 157-3,	Table 157-4, and	l Table 157-5.
	Response	Response Status <b>O</b>			Proposed	Pasnansa	Response Status <b>O</b>		

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: Comment ID

C/ 157 SC 157.2.5	P <b>33</b>	L <b>5</b>	# 97	C/ 157	SC 157.4.2	P <b>33</b>	L <b>49</b>	# 101
Nienckowski, Natalie	IVN Solutions	LLC		Wienckows	ski, Natalie	IVN Solu	utions LLC	
Comment Type E broken link	Comment Status X			Comment As con		Comment Status X D2.0 stated: References		t properly indicated.
SuggestedRemedy				Suggested	Remedy			
fix the Table 157-6 lin	as it is in the document.			Apply a	a character tag c	of "External" to "Figure 8	0-8" and "Figure 116-	-5".
Proposed Response	Response Status <b>O</b>			Proposed I	Response	Response Status O	•	
C/ 157 SC 157.3	P33	L <b>21</b>	# 98	C/ 168	SC 168.5.10	P <b>41</b>	L <b>28</b>	# 102
Wienckowski, Natalie	IVN Solutions	LLC		Wienckows	ski, Natalie	IVN Solu	utions LLC	
Comment Type ER	Comment Status X			Comment	Type ER	Comment Status X		
As comment #235 on	D2.0 stated: References to ex	ternal points not	properly indicated.	As con	nment #235 on E	D2.0 stated: References	to external points not	t properly indicated.
SuggestedRemedy				Suggested	Remedy			
Apply a character tag	of "External" to "80.3".					which goes no where, a	and apply a character	tag of "External" to
Proposed Response	Response Status 0			"157.5 Proposed I				
				Proposed i	Response	Response Status O		
C/ 157 SC 157.4.2	P33	L <b>48</b>	# 99					
Wienckowski, Natalie	IVN Solutions	LLC		C/ 168	SC 168.8.1	P <b>53</b>	L18	# 103
Comment Type E	Comment Status X			Wienckows	,		utions LLC	
broken link				Comment		Comment Status X		
SuggestedRemedy						D2.0 stated: References	to external points no	t properly indicated.
fix the 80.5 link as it is	in the document.			Suggested	-			
Proposed Response	Response Status 0				-	of "External" to "J.2".		
				Proposed I	Response	Response Status <b>O</b>		
C/ 157 SC 157.4.2	P <b>33</b>	L <b>48</b>	# 100					
Wienckowski, Natalie	IVN Solutions	LLC						
Comment Type ER As comment #235 on	Comment Status X D2.0 stated: References to ex	ternal points not	properly indicated.					
SuggestedRemedy	of "External" to "116.5".							
Apply a character tay	ULLICITIAL LU TIU.J.							
Proposed Response	Response Status <b>O</b>							

	SC 168.7.1	P <b>49</b>	L <b>45</b>	# 104	C/ 168	SC 168.9	P <b>55</b>	L <b>7</b>	# 106
Dawe, Pie	rs	Nvidia			Dawe, Piers		Nvidia		
wave time ( SSPR	RIN measurement in the standard v put it relies on 20 Q, not square wa	Comment Status X nt is improved (D2.0 comment vill be as an alternative to SSI 0% and 80% of OMAouter; OM ave, so it's not practical anywa ratio, overshoot and undersho	PRQ for measurin MAouter is measu ay). But transmitt	ng transmitter transition ired with PRBS13Q or ter transition time goes	Table 16 minimun D and U	o revise D2.0 o 68-12 gives the n in the upstre separately to	Comment Status X comment 206. e maximum dispersion in the o am direction. But transceiver design correctly for dispersion	designers need	
same way.	measurement w	ith SSPRQ. There is no need a very untypical pattern which	d for the standard	to mandate a second	Maximu	the two rows m dispersion,	with four rows: D to U 4.6  4.2  2.5 U to D 0.6  -3.7 -13.4		
uggeste	lRemedy				Minimun	n dispersion, [	) to U -13.9 -23.8 -42.3		
becau	se it still exists ir	om tables 168-9 and 168-10. n 120.5.11.2.5, and the registe ot encourage it in future.			Minimun Delete n	n dispersion, l ote b	J to D -18 -32 -59 our wavelengths		
Proposed	Response	Response Status O			Proposed Re	esponse	Response Status <b>O</b>		
C/ 168	SC 168.7.12	P <b>51</b>	L <b>4</b>	# 105	C/ FM	SC FM	P1	L <b>28</b>	# 107
awe, Pie	rs	Nvidia			Dawe, Piers		Nvidia		
Comment Corre	51	Comment Status X nment 194: change 100GBAS	SE-BR10 to		Comment Ty Woring	/pe E	Comment Status X		
Suggestee 100Gl	<i>IRemedy</i> 3ASE-BR40				SuggestedR Working	-			
Proposed	Response	Response Status O			Proposed Re	esponse	Response Status O		
					C/ <b>45</b>	SC 45.2.1.6	P <b>16</b>	L13	# 108
					Dawe, Piers		Nvidia		
					Comment Ty 2registe		Comment Status X		
					SuggestedR 2 registe	-			
					z registe	71			

C/ 91	SC 91.5.2.7	P <b>24</b>	L11	# 109	CI 30	SC 30.5.1.1.	2 P15	L16	# 112
Dawe, Pie	ers	Nvidia			Dawe, Pie	rs	Nvidia		
Commen	t Type E	Comment Status X			Comment	Туре Е	Comment Status X		
	odified by IEEE Sto	d 802.3ck-2022				t the reviewers or rrect style (D2.0	an confirm that the new mat comment 136):	terial is inserted ir	n the correct place, in
as m	edRemedy odified by IEEE Sto ibly in several plac	d 802.3db-2022 and IEEE Sto	d 802.3ck-2022		Suggested Please		pefore and one after the new	/ material	
	l Response	Response Status <b>O</b>				Response	Response Status O		
C/ <b>45</b>	SC 45.2.1.6	P16	L <b>29</b>	# 110	C/ 30	SC 30.5.1.1.	2 <i>P</i> 15	L17	# 113
Dawe, Pie	ers	Nvidia			Dawe, Pie	rs	Nvidia		
Commen	t Type E	Comment Status X			Comment	Туре Е	Comment Status X		
1 0 1 There 7 6 5 is par	0 0 0 1 1 = 1.6TB/ e is no sub-row abo 4 3 2 1 0	ws below and above, if any. ASE-DR8-2 PMA/PMD ove. However, the top sub-ro ould not be underlined. <i>Response Status</i> <b>O</b>		sub-row before is	when <i>Suggested</i> Even hundre	the medium isn't <i>IRemedy</i> though it's in the ed other MAUs th	onal. In any case, Ethernet Here we are talking about project title and the abstract at use a medium bidirection ance would need to address	MAUs which are : in 30.5, for cons ally, delete "bidire	like PHYs. sistency with the ectional" here.
roposee	ricoponoc	Response Status			Proposed	Response	Response Status O		
C/ <b>45</b>	SC 45.2.1.33	P18	L <b>24</b>	# 111					
Dawe, Pie	ers	Nvidia							
Commen	t Type E	Comment Status X							
		an confirm that the new mate thout using a bit that's alread							
Suggeste	edRemedy								
1.35.	5 50GBASE-BR40	elow and above, if any. In th -U ability	is case, the row	before begins					

and the top of the table is included anyway.

Proposed Response Response Status **0** 

	SC 80.1.4	P <b>20</b>	L <b>27</b>	# 114	CI 80	SC 80.1.5	P <b>21</b>	L <b>23</b>	# 117
awe, Pi	ers	Nvidia			Dawe, Pie	rs	Nvidia		
ommen	t Type E	Comment Status X			Comment	Type E	Comment Status X		
		ent 159 "This is a long table ar isequential change."	nd this amendme	nt makes it longer, so	down"		of entries in Table 56-1, Table 45) and Table 80-2. The star		
00	edRemedy								
•	Table 80-1, 40 Gl b/s PHYs	b/s and 100 Gb/s PHYs, into t	wo tables,		Suggested	•	0-D 20-D 40-D 10-U 20-U 40-		
and	0/5 FH15							0 10 10-0 10-0 20	-D 20-0 40-D 40-0.
	Gb/s PHYs				Proposed	Response	Response Status O		
Chan at 40	ge the sentence Gb/s and 100 Gb	"Physical Layer devices listed o/s." to "Physical Layer device	In Table 80-1 are s listed in Table 8	e defined for operation					
opera	ation at 40 Gb/s. I	Physical Layer devices listed i	n Table 80-2 are	defined for operation	C/ 80	SC 80.2.3	P <b>21</b>	L <b>42</b>	# 118
	0 Gb/s." Move th 3ASE-T.	e first (40G) sentence earlier,	to follow the para	agraph about	Dawe, Pie	rs	Nvidia		
	Response	Response Status <b>O</b>			Comment	Туре Е	Comment Status X		
roposec	response				As 100 20, 40		is for 10 km, 100GBASE-ZR i	s for 80 km, and 1	00GBASE-BR is for
80	SC 80.1.4	P <b>20</b>	L <b>38</b>	# 115	Suggested	Remedy			
awe, Pi	ers	Nvidia					-LR1, 100GBASE-ZR, and 10		IYs" to "100GBASE-
					I R1 1	00GBASE-BF	x, and 100GBASE-ZR PHYs		
Commen	tType F	Comment Status X			,		-,		
Com down	pare the order of	Comment Status X entries in Table 56-1, Table 56 5) and Table 80-1. The stands			Proposed	Response	Response Status O		
Com down seerr	pare the order of as normal for 4 bas D then U.	entries in Table 56-1, Table 56			,	Response SC <b>80.1.3</b>		L17	# 119
Com down seem uggeste	oare the order of " as normal for 4 ns D then U. edRemedy	entries in Table 56-1, Table 56	ard order is rate-r	each-width, then it	Proposed	SC 80.1.3	Response Status <b>O</b>		# [119
Com down seem Suggeste Re-o	oare the order of o " as normal for 4 as D then U. ad <i>Remedy</i> rder this from 10-	entries in Table 56-1, Table 56 5) and Table 80-1. The stand D 20-D 40-D 10-U 20-U 40-U	ard order is rate-r	each-width, then it	Proposed	SC 80.1.3	Response Status <b>0</b> P <b>21</b>		# [119
Comj down seem uggeste Re-ol	oare the order of " as normal for 4 ns D then U. edRemedy	entries in Table 56-1, Table 56 5) and Table 80-1. The stand	ard order is rate-r	each-width, then it	Proposed Cl <b>80</b> Dawe, Piel Comment	SC <b>80.1.3</b> rs Type <b>E</b>	Response Status <b>O</b> P <b>21</b> Nvidia	L17	
Comj down seem uggeste Re-ol roposed	oare the order of " as normal for 4 as D then U. ad <i>Remedy</i> rder this from 10-	entries in Table 56-1, Table 56 5) and Table 80-1. The stand D 20-D 40-D 10-U 20-U 40-U	ard order is rate-r	each-width, then it	Proposed Cl <b>80</b> Dawe, Pie <i>Comment</i> In "Cla	SC 80.1.3 rs <i>Type</i> E ause 168 for 10	Response Status O P21 Nvidia Comment Status X	L17	
Com down seem Cuggeste Re-ol Proposed	SC <b>80.1.5</b>	entries in Table 56-1, Table 56 5) and Table 80-1. The stands D 20-D 40-D 10-U 20-U 40-U <i>Response Status</i> <b>O</b>	ard order is rate-r to 10-D 10-U 20-	each-width, then it D 20-U 40-D 40-U.	Proposed Cl <b>80</b> Dawe, Piel Comment In "Cla 80-1 Suggested	SC 80.1.3 rs <i>Type</i> E ause 168 for 10 <i>IRemedy</i>	Response Status O P21 Nvidia Comment Status X	L17	
Comj down seem Guggeste Re-oi Proposed Croposed	SC 80.1.5 ers	entries in Table 56-1, Table 56 5) and Table 80-1. The stands D 20-D 40-D 10-U 20-U 40-U <i>Response Status</i> <b>O</b> <i>P</i> <b>21</b> Nvidia <i>Comment Status</i> <b>X</b>	ard order is rate-r to 10-D 10-U 20-	each-width, then it D 20-U 40-D 40-U.	Proposed Cl <b>80</b> Dawe, Piel Comment In "Cla 80-1 Suggested	SC 80.1.3 rs Type E ause 168 for 10 IRemedy sentence of e	Response Status O P21 Nvidia Comment Status X DOGBASE-BRx", BRx is not in	L17	
down seem Guggeste Proposec 27 <b>80</b> Dawe, Pic Commen Missi Suggeste	as normal for 45 s D then U. adRemedy rder this from 10- d Response SC 80.1.5 ers t Type E ng Ms in Table 80 edRemedy	entries in Table 56-1, Table 56 5) and Table 80-1. The stands D 20-D 40-D 10-U 20-U 40-U <i>Response Status</i> <b>O</b> <i>P</i> <b>21</b> Nvidia <i>Comment Status</i> <b>X</b> 0-5	ard order is rate-r to 10-D 10-U 20-	each-width, then it D 20-U 40-D 40-U.	Proposed Cl <b>80</b> Dawe, Piel Comment In "Cla 80-1 Suggested Add a	SC 80.1.3 rs Type E ause 168 for 10 IRemedy sentence of e	Response Status 0 P21 Nvidia Comment Status X DOGBASE-BRx", BRx is not in	L17	
Com down seer Guggeste Re-ol Proposec C/ 80 Dawe, Pic Commen Missi Guggeste Add (	sare the order of of as normal for 45 is D then U. adRemedy rder this from 10- d Response SC 80.1.5 ers t Type E ng Ms in Table 80	entries in Table 56-1, Table 56 5) and Table 80-1. The stands D 20-D 40-D 10-U 20-U 40-U <i>Response Status</i> <b>O</b> <i>P</i> <b>21</b> Nvidia <i>Comment Status</i> <b>X</b> 0-5	ard order is rate-r to 10-D 10-U 20-	each-width, then it D 20-U 40-D 40-U.	Proposed Cl <b>80</b> Dawe, Piel Comment In "Cla 80-1 Suggested Add a	SC 80.1.3 rs Type E ause 168 for 10 IRemedy sentence of e	Response Status 0 P21 Nvidia Comment Status X DOGBASE-BRx", BRx is not in	L17	

C/ 56 SC 56.1.3	P <b>2627</b>	LO	# 120	C/ 56	SC 56.1.3	P <b>2630</b>	LO	# 123
Dawe, Piers	Nvidia			Dawe, Pie	rs	Nvidia		
Comment Type E	Comment Status X			Comment	Туре Е	Comment Status X		
Table 56-1, Summar and 50GBASE-BR.	y of EFM Physical Layer signali	ng systems, incl	udes 25GBASE-BR		56-2, Nomenclat 0GBASE-BR.	ure and clause correlation for	P2P systems,	includes 25GBASE-BR
SuggestedRemedy				Suggested	dRemedy			
	GBASE-BR after 50GBASE-BR nange makes it longer, split the t					for 100GBASE-BR. d 59 could be reduced to one	each to save s	pace.
Proposed Response	Response Status <b>O</b>			Proposed	Response	Response Status O		
C/ 56 SC 56.1.1.	1 <i>P</i> 2622	LO	# 121	C/ 80	SC 80.4	P <b>22</b>	L <b>6</b>	# 124
awe, Piers	Nvidia			Dawe, Pie	rs	Nvidia		
comment Type E	Comment Status X			Comment	Type E	Comment Status X		
				D2.0 c				
Gb/s as defined in Cl	S, RS-FEC, and PMA sublayers lause 160. there, they are specified - but fo				le.	amendment makes it longer,	so it should ma	ike the consequential
Gb/s as defined in Cl (They aren't defined t SuggestedRemedy Add:	lause 160. there, they are specified - but fo	r consistency)		is a loi chang <i>Suggestec</i> Split th	le. <i>dRemedy</i> he table into two,	amendment makes it longer, Sublayer delay constraints fo PHYs. Then footnotes a an	or 40Gb/s PHYs	and Sublayer delay
Gb/s as defined in Cl (They aren't defined the SuggestedRemedy Add:	lause 160. there, they are specified - but fo CS, RS-FEC, and PMA sublaye	r consistency)		is a loi chang <i>Suggestec</i> Split th	le. d <i>Remedy</i> he table into two, raints for 100Gb/s	Sublayer delay constraints fo	or 40Gb/s PHYs	and Sublayer delay
Gb/s as defined in Cl (They aren't defined t SuggestedRemedy Add: The 100GBASE-R Pi Gb/s as defined in Cl	lause 160. there, they are specified - but fo CS, RS-FEC, and PMA sublaye	r consistency)		is a loi chang <i>Suggestec</i> Split th constr	le. d <i>Remedy</i> he table into two, raints for 100Gb/s	Sublayer delay constraints fo PHYs. Then footnotes a an	or 40Gb/s PHYs	and Sublayer delay
Gb/s as defined in Cl (They aren't defined to SuggestedRemedy Add: The 100GBASE-R Po Gb/s as defined in Cl	lause 160. there, they are specified - but fo CS, RS-FEC, and PMA sublaye lause 168.	r consistency)		is a loi chang <i>Suggestec</i> Split th constr	le. d <i>Remedy</i> he table into two, raints for 100Gb/s	Sublayer delay constraints fo PHYs. Then footnotes a an	or 40Gb/s PHYs	and Sublayer delay
Gb/s as defined in Cl (They aren't defined to SuggestedRemedy Add: The 100GBASE-R Po Gb/s as defined in Cl Proposed Response	lause 160. there, they are specified - but fo CS, RS-FEC, and PMA sublaye lause 168. <i>Response Status</i> <b>O</b>	r consistency) rs are used to s	upport a bit rate of 100	is a loi chang Suggestec Split th constr Proposed	le. dRemedy he table into two, aints for 100Gb/s Response SC <b>91.5.2.7</b>	Sublayer delay constraints fo PHYs. Then footnotes a an <i>Response Status</i> <b>O</b>	or 40Gb/s PHYs d b can be simp	and Sublayer delay lified.
Gb/s as defined in Cl (They aren't defined to suggestedRemedyAdd: The 100GBASE-R Pr Gb/s as defined in Cl Proposed ResponseProposed ResponseCl 56SC 56.1.3	lause 160. there, they are specified - but fo CS, RS-FEC, and PMA sublaye lause 168. <i>Response Status</i> <b>O</b> <i>P</i> <b>2624</b>	r consistency)		is a loi chang Suggested Split th constr Proposed C/ <b>91</b>	le. dRemedy he table into two, raints for 100Gb/s Response SC <b>91.5.2.7</b> rs	Sublayer delay constraints fo s PHYs. Then footnotes a an <i>Response Status</i> <b>O</b> <i>P</i> 24	or 40Gb/s PHYs d b can be simp	and Sublayer delay lified.
Gb/s as defined in Cl (They aren't defined th uggestedRemedy Add: The 100GBASE-R Pe Gb/s as defined in Cl roposed Response	lause 160. there, they are specified - but fo CS, RS-FEC, and PMA sublaye lause 168. <i>Response Status</i> <b>O</b> <i>P</i> 2624 Nvidia	r consistency) rs are used to s	upport a bit rate of 100	is a lot chang Suggested Split th constr Proposed C/ <b>91</b> Dawe, Piel Comment 100GE	le. dRemedy he table into two, raints for 100Gb/s Response SC 91.5.2.7 rs Type E BASEVR1 100	Sublayer delay constraints fo s PHYs. Then footnotes a an <i>Response Status</i> <b>O</b> <i>P</i> 24 Nvidia <i>Comment Status</i> <b>X</b> GBASELR1,100GBASE-CR1	br 40Gb/s PHYs d b can be simp <i>L</i> 14	and Sublayer delay blified. # <u>125</u>
Gb/s as defined in Cl (They aren't defined to uggestedRemedy Add: The 100GBASE-R Pe Gb/s as defined in Cl troposed Response	lause 160. there, they are specified - but fo CS, RS-FEC, and PMA sublaye lause 168. <i>Response Status</i> <b>O</b> <i>P</i> <b>2624</b> Nvidia <i>Comment Status</i> <b>X</b>	r consistency) rs are used to s	upport a bit rate of 100	is a loi chang Suggestec Split th constr Proposed Cl <b>91</b> Dawe, Piel Comment 100GE Simila	le. dRemedy he table into two, raints for 100Gb/s Response SC 91.5.2.7 rs Type E BASEVR1 100 rly, 100GBASEV	Sublayer delay constraints fo s PHYs. Then footnotes a an <i>Response Status</i> <b>O</b> <i>P</i> 24 Nvidia <i>Comment Status</i> <b>X</b>	br 40Gb/s PHYs d b can be simp <i>L</i> 14	and Sublayer delay blified. # <u>125</u>
Gb/s as defined in Cl (They aren't defined in SuggestedRemedy Add: The 100GBASE-R Pr Gb/s as defined in Cl Proposed Response Cl 56 SC 56.1.3 Dawe, Piers Comment Type E After the paragraph for	lause 160. there, they are specified - but fo CS, RS-FEC, and PMA sublaye lause 168. <i>Response Status</i> <b>O</b> <i>P</i> <b>2624</b> Nvidia <i>Comment Status</i> <b>X</b>	r consistency) rs are used to s	upport a bit rate of 100	is a lot chang Suggested Split th constr Proposed Cl <b>91</b> Dawe, Piel Comment 100GE Simila Suggested	le. dRemedy he table into two, raints for 100Gb/s Response SC 91.5.2.7 rs Type E BASEVR1 100 rly, 100GBASEV dRemedy	Sublayer delay constraints fo s PHYs. Then footnotes a an <i>Response Status</i> <b>O</b> <i>P</i> 24 Nvidia <i>Comment Status</i> <b>X</b> GBASELR1,100GBASE-CR1 R1, 100GBASELR1 and 1000	br 40Gb/s PHYs d b can be simp <i>L</i> 14 GBASEBR10 (th	and Sublayer delay blified. # <u>125</u>
Gb/s as defined in Cl (They aren't defined to SuggestedRemedy Add: The 100GBASE-R Pd Gb/s as defined in Cl Proposed Response Cl 56 SC 56.1.3 Dawe, Piers Comment Type E	lause 160. there, they are specified - but fo CS, RS-FEC, and PMA sublaye lause 168. <i>Response Status</i> <b>O</b> <i>P</i> 2624 Nvidia <i>Comment Status</i> <b>X</b> for 50GBASE-BR	r consistency) rs are used to s	upport a bit rate of 100	is a lot chang Suggested Split th constr Proposed Cl <b>91</b> Dawe, Piel Comment 100GE Simila Suggested	dRemedy the table into two, raints for 100Gb/s Response SC 91.5.2.7 rs Type E BASEVR1 100 rly, 100GBASEV dRemedy BASE-VR1 100	Sublayer delay constraints fo s PHYs. Then footnotes a an <i>Response Status</i> <b>O</b> <i>P</i> 24 Nvidia <i>Comment Status</i> <b>X</b> GBASELR1,100GBASE-CR1	br 40Gb/s PHYs d b can be simp <i>L</i> 14 GBASEBR10 (th	and Sublayer delay blified. # <u>125</u>

C/ 135	SC 135.5.7	P <b>29</b>	LO	# 126	C/ 168	SC 168.1	P35	L34	# 128
awe, Piers		Nvidia	20	$\pi$ 120	Dawe, Pier		Vidia	-07	
omment T		Comment Status X			Comment		Comment Status X		
If preco There a and pre and let t ability is	oding is allowed are precoder ena ecoder request s the network ope s known and its		é would add prec ecoding (unlike C ning).	coder ability registers CR/KR where precoder	Should and the Suggested Swap	dn't 83, 83A, 83E e 135 PMA belo <i>IRemedy</i> 83 and 91, or m	8, 83D and 83D be together w, but 162 has 91 above all		all be above 91 FEC
uggestedF	•	smented of used in one of bo			Proposed	Response	Response Status <b>O</b>		
Conside network If so: in	er including prec k operator accor 135.5.7.2, befo	coding (135.5.7) as an option ding to experience. re "a 50GBASE-R or 100GBA		-	<i>Cl</i> <b>168</b> Dawe. Pier	SC 168.1	P <b>35</b> Nvidia	L <b>35</b>	# 129
BRx PN	,	ly a long and difficult sentenc	e clearer lav it o	ut as a bulleted list	Comment		Comment Status X		
connect connect	ted to 100GBAS ted to PMD that t of a C2C	SE-BRx, or			Details than o	s for optional inte ne way on, one	erleaved FEC. I believe that way off). There is a 100G F enable bit (1.200.6).		
to:		D) mod 4 decoding capability	y on each input la	ane.			91 FEC and above 135 PM. Optional b	A, insert:	
to: The PM PMA sh that is c such a c Modify I Add two	IA may optional nall provide 1/(1- connected to the capability. PICS 135.7.7. o precoder abilit	ly provide 1/(1+D) mod 4 dec +D) mod 4 precoding capabili e service interface of a 100GE y bits in MDIO, one for Tx and	oding capability o ity on each outpu 3ASE-BRx PMD	on each input lane. An ıt lane, except a PMA	152—I 161—I b Invei In Tab Add a 1.201) Add te	Inverse RS-FEC RS-FEC-Int Opti rse RS-FEC is n le 80-5, betweel 100G RS-FEC-I ext in 168.1 sayir	Optional b onal equired to convert between n 91 and 135, insert 152 and nt ability bit, e.g. in 45.2.1.1 ng that a network operator c	RS-FEC and RS-F 1 161: O for all 100 17 RS-FEC status an use interleaved	GBASE-BR. register (Register FEC for improved
to: The PM PMA sh that is c such a c Modify I Add two	IA may optional nall provide 1/(1- connected to the capability. PICS 135.7.7. o precoder abilit	ly provide 1/(1+D) mod 4 dec +D) mod 4 precoding capabili e service interface of a 100GE	oding capability o ity on each outpu 3ASE-BRx PMD	on each input lane. An ıt lane, except a PMA	152—I 161—I b Inver In Tab Add a 1.201) Add te robust the lini	Inverse RS-FEC RS-FEC-Int Opti rse RS-FEC is r le 80-5, betweel 100G RS-FEC-I ext in 168.1 sayir ness, determinir k to use it.	Optional b onal equired to convert between n 91 and 135, insert 152 and nt ability bit, e.g. in 45.2.1.1	RS-FEC and RS-F 1 161: O for all 100 17 RS-FEC status an use interleaved	GBASE-BR. register (Register
to: The PM PMA sh that is c such a c Modify I Add two troposed R	A may optional nall provide 1/(1- connected to the capability. PICS 135.7.7. o precoder abilit Response SC <b>157.6</b>	ly provide 1/(1+D) mod 4 dec +D) mod 4 precoding capabili e service interface of a 100GE y bits in MDIO, one for Tx and	oding capability o ity on each outpu 3ASE-BRx PMD	on each input lane. An ıt lane, except a PMA	152—I 161—I b Inver In Tab Add a 1.201) Add te robust the lini	Inverse RS-FEC RS-FEC-Int Opti rse RS-FEC is n le 80-5, betweet 100G RS-FEC-I wit in 168.1 sayin ness, determinin k to use it. nese registers to	Optional b onal equired to convert between n 91 and 135, insert 152 and nt ability bit, e.g. in 45.2.1.1 ng that a network operator c ng if both ends of the link ha	RS-FEC and RS-F 1 161: O for all 100 17 RS-FEC status an use interleaved	GBASE-BR. register (Register
to: The PM PMA sh that is c such a c Modify F Add two troposed R 7 <b>157</b> awe, Piers comment T	A may optional hall provide 1/(1- connected to the capability. PICS 135.7.7. o precoder abilit Response SC 157.6 S Type E	ly provide 1/(1+D) mod 4 dec +D) mod 4 precoding capabili e service interface of a 100GE y bits in MDIO, one for Tx and <i>Response Status</i> <b>O</b> <i>P</i> <b>34</b>	oding capability of ity on each outpu BASE-BRx PMD d one for Rx.	on each input lane. An ut lane, except a PMA which may provide	152—I 161—I b Inver In Tab Add a 1.201) Add te robust the lini Add th	Inverse RS-FEC RS-FEC-Int Opti rse RS-FEC is n le 80-5, betweet 100G RS-FEC-I wit in 168.1 sayin ness, determinin k to use it. nese registers to	Optional b onal equired to convert between n 91 and 135, insert 152 and nt ability bit, e.g. in 45.2.1.1 ng that a network operator c ng if both ends of the link ha tables 168-2 and 3.	RS-FEC and RS-F 1 161: O for all 100 17 RS-FEC status an use interleaved	GBASE-BR. register (Register
to: The PM PMA sh that is c such a c Modify F Add two roposed R / 157 awe, Piers omment T	A may optional hall provide 1/(1- connected to the capability. PICS 135.7.7. o precoder abilit Response SC 157.6	ly provide 1/(1+D) mod 4 dec +D) mod 4 precoding capabili e service interface of a 100GE y bits in MDIO, one for Tx and <i>Response Status</i> <b>O</b> <i>P</i> <b>34</b> Nvidia	oding capability of ity on each outpu BASE-BRx PMD d one for Rx.	on each input lane. An ut lane, except a PMA which may provide	152—I 161—I b Inver In Tab Add a 1.201) Add te robust the lini Add th <i>Proposed</i>	Inverse RS-FEC RS-FEC-Int Opti rse RS-FEC is ri- le 80-5, betweet 100G RS-FEC-I  xt in 168.1 sayir ness, determinink to use it. nesse registers to <i>Response</i> SC <b>168.6.1</b>	Optional b onal equired to convert between n 91 and 135, insert 152 and nt ability bit, e.g. in 45.2.1.1 ng that a network operator c ng if both ends of the link ha tables 168-2 and 3. <i>Response Status</i> <b>O</b>	RS-FEC and RS-F I 161: O for all 100 17 RS-FEC status an use interleaved ve the ability, and	OGBASE-BR. register (Register FEC for improved setting both ends of
to: The PM PMA sh that is c such a c Modify f Add two roposed R / <b>157</b> awe, Piers omment T Add 100 uggestedF	A may optional hall provide 1/(1- connected to the capability. PICS 135.7.7. o precoder abilit Response SC 157.6 s Sype E 0G clauses Remedy	ly provide 1/(1+D) mod 4 dec +D) mod 4 precoding capabili e service interface of a 100GE y bits in MDIO, one for Tx and <i>Response Status</i> <b>O</b> <i>P</i> <b>34</b> Nvidia	oding capability of ity on each outpu BASE-BRx PMD d one for Rx.	on each input lane. An ut lane, except a PMA which may provide # 127	152—I 161—I b Inver In Tab Add a 1.201) Add te robust the lini Add th <i>Proposed a</i> <i>Cl</i> <b>168</b> Dawe, Pier <i>Comment</i>	Inverse RS-FEC RS-FEC-Int Opti rse RS-FEC is n le 80-5, between 100G RS-FEC-I wit in 168.1 sayin ness, determinin k to use it. lese registers to <i>Response</i> SC 168.6.1 rs <i>Type</i> <b>E</b>	Optional b onal equired to convert between n 91 and 135, insert 152 and nt ability bit, e.g. in 45.2.1.1 ng that a network operator c ng if both ends of the link ha tables 168-2 and 3. <i>Response Status</i> <b>O</b> <i>P</i> <b>42</b>	RS-FEC and RS-F 1 161: O for all 100 17 RS-FEC status an use interleaved ve the ability, and	OGBASE-BR. register (Register FEC for improved setting both ends of
to: The PM PMA sh that is c such a c Modify f Add two Proposed R C/ 157 Dawe, Piers Comment T Add 100 SuggestedF	A may optional hall provide 1/(1- connected to the capability. PICS 135.7.7. o precoder abilit Response SC 157.6 s Sype E 0G clauses Remedy -83 and 91. Con	ly provide 1/(1+D) mod 4 dec +D) mod 4 precoding capabili e service interface of a 100GE y bits in MDIO, one for Tx and <i>Response Status</i> <b>O</b> <i>P</i> <b>34</b> <i>Nvidia</i> <i>Comment Status</i> <b>X</b>	oding capability of ity on each outpu BASE-BRx PMD d one for Rx.	on each input lane. An ut lane, except a PMA which may provide # 127	152—I 161—I b Inver In Tab Add a 1.201) Add te robust the lini Add th <i>Proposed a</i> <i>Cl</i> <b>168</b> Dawe, Pier <i>Comment</i>	Inverse RS-FEC RS-FEC-Int Opti rse RS-FEC is ro le 80-5, between 100G RS-FEC-I ext in 168.1 sayir ness, determinir k to use it. lese registers to <i>Response</i> SC 168.6.1 rs <i>Type</i> <b>E</b> g equation num	Optional b onal equired to convert between n 91 and 135, insert 152 and nt ability bit, e.g. in 45.2.1.1 ng that a network operator c ig if both ends of the link ha tables 168-2 and 3. <i>Response Status</i> <b>O</b> <i>P</i> <b>42</b> Nvidia <i>Comment Status</i> <b>X</b>	RS-FEC and RS-F 1 161: O for all 100 17 RS-FEC status an use interleaved ve the ability, and	OGBASE-BR. register (Register FEC for improved setting both ends of

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: Comment ID

Comment ID 130

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C/ 168	SC 168.6.1	P <b>42</b>	L <b>36</b>	# 131
Dawe, Piers	3	Nvidia		
Comment 7 For imp 3 (6) Pt	proved readability	Comment Status X , where the parameter limits	s seem likely to re	emain the same for all
Suggested	Remedy			
		merge and straddle the trip eflectance in Table 168-7.	ole entries for trar	nsmitter over/under -
Proposed F	Response	Response Status <b>O</b>		
C/ 168	SC 168.6.1	P <b>42</b>	L <b>51</b>	# 132
Dawe, Piers	6	Nvidia		
Comment T	<i>уре</i> <b>т</b>	Comment Status X		
that in ( max(1.1 max(-2, max(5.3 140 has max(-0, max(-0, max(1.1 They ar	Clause 140, they 1, -0.3+max(TEC 3, -3.7+max(TEC 3, 3.9+max(TECC 5: .8, -2.2+TDECQ) .1, -1.5+TDECQ) 1, -0.3+max(TDE re not the same, a	cQ, TDECQ)) Q, TDECQ)). or max(-0.8, -1.9+TDECQ)	Aouter (min) is even if the numb	ers were the same;
Suggested				
Delete	the sentence, it is	s unnecessary. The spec is	clear without it	
	,,,,,,			

Proposed Response Response Status **0**