C/ 157 SC 157.2	P 21	L15	# 1	C/ 157 SC 157.1.3	P18	L 42	# 4
'Ambrosia, John	Futurewei, U.S	S. Subsidiary of I	Huawei	Schreiner, Stephan	Rosenberger	r Hochfrequenzte	echnik GmbH & Co. KG
Comment Type ER	Comment Status D		bucket_EZ	Comment Type E	Comment Status X		bucke
actuality it applies to al	ote A only applies to the one c Il of the various cells in the cla I57-4, 157-5, and 157-6		enoted, when in		gabit Ethernet BiDi PHYs is ir ng of 100 Gb/s Ethernet BiDi		jure 157-1a -
SuggestedRemedy					157-1 Table 157-2 Figu	ıre 157-1a Ta	ble 157-2 (continued)"
Move the current locat	ion of Note A in table to next to	o "Clause."			jure 157-1a Table 157-2"		
Proposed Response PROPOSED ACCEPT	Response Status W			Proposed Response PROPOSED ACCEPT See comment #127.	Response Status W		
C/ 168 SC 168.1	P 27	L19	# 2	C/ 157 SC 157.2.1	P 21	L15	# 5
D'Ambrosia, John	Futurewei, U.S	 Subsidiary of I 	Huawei	Schreiner, Stephan			echnik GmbH & Co. KG
Comment Type ER	Comment Status X		bucket_EZ	Comment Type E	Comment Status D	riocintequenzie	bucket EZ
The bottom of the "Phy	vsical Laver" is incorrect - it inc	cludes the MDI a	and should be drawn to				—
the top of the "Medium]"				otnote index on the Mandator	ry "M" in line 2, co	olumn 3. All other tables
	í"			have this footnote inde		ry "M" in line 2, co	olumn 3. All other tables
·	i"			have this footnote inde SuggestedRemedy	ex on line 2 column 2.		
SuggestedRemedy	Response Status W			have this footnote inde <i>SuggestedRemedy</i> Change the footnote in	ex on line 2 column 2.		
SuggestedRemedy 27 Proposed Response PROPOSED ACCEPT	Response Status W			have this footnote inde SuggestedRemedy	ex on line 2 column 2. Index position to the Line: "100 <i>Response Status</i> W		
SuggestedRemedy 27 Proposed Response PROPOSED ACCEPT Maintenance required	Response Status W		# 3	have this footnote inde SuggestedRemedy Change the footnote in Proposed Response PROPOSED ACCEPT	ex on line 2 column 2. Index position to the Line: "100 <i>Response Status</i> W	GBASE-BR10-D	
SuggestedRemedy 27 Proposed Response PROPOSED ACCEPT Maintenance required Cl 157 SC 157.2	Response Status W for Figure 140-1 in Clause 140).	# 3	have this footnote inde SuggestedRemedy Change the footnote in Proposed Response PROPOSED ACCEPT See comment #1. C/ 00 SC 0	ex on line 2 column 2. Index position to the Line: "100 <i>Response Status</i> W TIN PRINCIPLE. <i>P</i> 7	GBASE-BR10-D' 	" , column "EEE" # <u>6</u>
SuggestedRemedy 27 Proposed Response PROPOSED ACCEPT Maintenance required C/ 157 SC 157.2 D'Ambrosia, John Comment Type E	Response Status W for Figure 140-1 in Clause 140 P 22 Futurewei, U.S Comment Status X). L 36 S. Subsidiary of I	# 3 Huawei consistency_CL80	have this footnote inde SuggestedRemedy Change the footnote in Proposed Response PROPOSED ACCEPT See comment #1. C/ 00 SC 0 Maguire, Valerie	ex on line 2 column 2. Index position to the Line: "100 <i>Response Status</i> W TIN PRINCIPLE. <i>P</i> 7 Copperopolis	GBASE-BR10-D' 	" , column "EEE" # [<u>6</u> onsulting and Cisco)
SuggestedRemedy 27 Proposed Response PROPOSED ACCEPT Maintenance required C/ 157 SC 157.2 D'Ambrosia, John Comment Type E In Table 157-6, Clause	Response Status W for Figure 140-1 in Clause 140 P 22 Futurewei, U.S	D. L 36 S. Subsidiary of I SE-R FEC", but t	# <u>3</u> Huawei <i>consistency_CL80</i> the title of Clause 91	have this footnote inde SuggestedRemedy Change the footnote in Proposed Response PROPOSED ACCEPT See comment #1. C/ 00 SC 0 Maguire, Valerie Comment Type E	ex on line 2 column 2. Index position to the Line: "100 <i>Response Status</i> W TIN PRINCIPLE. <i>P</i> 7	GBASE-BR10-D' <i>L</i> 50 s (aff'l w/ CME Co	" , column "EEE" # <u>6</u> onsulting and Cisco) <i>bucket_E</i> Z
SuggestedRemedy 27 Proposed Response PROPOSED ACCEPT Maintenance required Cl 157 SC 157.2 D'Ambrosia, John Comment Type E In Table 157-6, Clause refers to "RS-FEC." Re	Response Status W for Figure 140-1 in Clause 140 P 22 Futurewei, U.S Comment Status X e 91 title is noted as "100GBAS	D. L 36 S. Subsidiary of I SE-R FEC", but t	# <u>3</u> Huawei <i>consistency_CL80</i> the title of Clause 91	have this footnote inde SuggestedRemedy Change the footnote in Proposed Response PROPOSED ACCEPT See comment #1. CI 00 SC 0 Maguire, Valerie Comment Type E IEEE-SA Standards Bo SuggestedRemedy	ex on line 2 column 2. Index position to the Line: "100 <i>Response Status</i> W TIN PRINCIPLE. <i>P</i> 7 Copperopolis <i>Comment Status</i> X pard member names to be su	GBASE-BR10-D' <i>L</i> 50 s (aff'l w/ CME Co	" , column "EEE" # <u>6</u> onsulting and Cisco) <i>bucket_E</i> Z
SuggestedRemedy 27 Proposed Response PROPOSED ACCEPT Maintenance required Cl 157 SC 157.2 D'Ambrosia, John Comment Type E In Table 157-6, Clause refers to "RS-FEC." Re SuggestedRemedy	Response Status W for Figure 140-1 in Clause 140 P 22 Futurewei, U.S Comment Status X e 91 title is noted as "100GBAS). L 36 S. Subsidiary of I SE-R FEC", but t E Std 802.3ck-2	# <u>3</u> Huawei <i>consistency_CL80</i> the title of Clause 91	have this footnote inde SuggestedRemedy Change the footnote in Proposed Response PROPOSED ACCEPT See comment #1. CI 00 SC 0 Maguire, Valerie Comment Type E IEEE-SA Standards Bo SuggestedRemedy	ex on line 2 column 2. Index position to the Line: "100 <i>Response Status</i> W TIN PRINCIPLE. <i>P</i> 7 Copperopolis <i>Comment Status</i> X	GBASE-BR10-D' <i>L</i> 50 s (aff'l w/ CME Co	" , column "EEE" # <u>6</u> onsulting and Cisco) <i>bucket_E</i> Z
SuggestedRemedy 27 Proposed Response PROPOSED ACCEPT Maintenance required Cl 157 SC 157.2 D'Ambrosia, John Comment Type E In Table 157-6, Clause refers to "RS-FEC." Re SuggestedRemedy	Response Status W for Figure 140-1 in Clause 140 P22 Futurewei, U.S Comment Status X e 91 title is noted as "100GBAS eference Table 80-3a from IEE). L 36 S. Subsidiary of I SE-R FEC", but t E Std 802.3ck-2	# <u>3</u> Huawei <i>consistency_CL80</i> the title of Clause 91	have this footnote inde SuggestedRemedy Change the footnote in Proposed Response PROPOSED ACCEPT See comment #1. CI 00 SC 0 Maguire, Valerie Comment Type E IEEE-SA Standards Bo SuggestedRemedy	ex on line 2 column 2. Index position to the Line: "100 <i>Response Status</i> W "IN PRINCIPLE. <i>P</i> 7 Copperopolis <i>Comment Status</i> X bard member names to be su s Karachalios, Secretary"	GBASE-BR10-D' <i>L</i> 50 s (aff'l w/ CME Co	" , column "EEE" # <u>6</u> onsulting and Cisco) <i>bucket_E</i> Z
SuggestedRemedy 27 Proposed Response PROPOSED ACCEPT Maintenance required Cl 157 SC 157.2 D'Ambrosia, John Comment Type E In Table 157-6, Clause refers to "RS-FEC." Re SuggestedRemedy Change "100GBASE-F	Response Status W for Figure 140-1 in Clause 140 P22 Futurewei, U.S Comment Status X e 91 title is noted as "100GBAS eference Table 80-3a from IEE R FEC" to "100GBASE-R RS-F Response Status W). L 36 S. Subsidiary of I SE-R FEC", but t E Std 802.3ck-2	# <u>3</u> Huawei <i>consistency_CL80</i> the title of Clause 91	have this footnote inde SuggestedRemedy Change the footnote in Proposed Response PROPOSED ACCEPT See comment #1. CI 00 SC 0 Maguire, Valerie Comment Type E IEEE-SA Standards Bo SuggestedRemedy Replace, "Konstantinos	ex on line 2 column 2. Index position to the Line: "100 <i>Response Status</i> W "IN PRINCIPLE. <i>P</i> 7 Copperopolis <i>Comment Status</i> X bard member names to be su s Karachalios, Secretary"	GBASE-BR10-D' <i>L</i> 50 s (aff'l w/ CME Co	" , column "EEE" # <u>6</u> onsulting and Cisco) <i>bucket_E</i> Z

CI 00 SC 0	P 11	L 2	# 7	C/ 168	SC 168.5.2	P30	L 43	# 10
/laguire, Valerie	Copperopolis	(aff'l w/ CME Co	onsulting and Cisco)	Maguire, Va	lerie	Copperopolis	(aff'l w/ CME C	onsulting and Cisco)
Comment Type E	Comment Status X		bucket_EZ	Comment T		Comment Status D		consistency_CL140
Consider adding pl	aceholder information for P802.30	la		Conside	er using altern	ate sentence structure than a "	shall" statemer	it.
SuggestedRemedy				SuggestedF	-			
Insert, "IEEE Std 802.3da	™-20xx			Replace	e, "Transmit fu	nction shall convert" with, "Trai	nsmit function of	converts"
Amendment X- Thi Clause 188 through	s amendment includes changes to Clause 189. This amendment ac neters for enhancement of multid	lds Physical La	yer specifications and	Replace delivere		signal shall then be delivered"	with, "The opti	cal signal is then
10BASE-T1S PHY provision of power	specified in Clause 147 of IEEE S over single balanced	Std 802.3-2022,	, and specifies optional	Replace corresp	,	t to highest shall correspond " v	vith, "from lowe	est to highest
Clause 148 to auto	nts. Additionally, this amendment matically allocate node IDs (Dyna at TM is superscript)		ons and changes to		SED REJECT	Response Status W T. th clause 140.5.2.		
Proposed Response	Response Status W						1.54	# 44
PROPOSED ACCE	:P1.			C/ 168	SC 168.5.3	P 30	L51	# 11
C/00 SC 0	P 2	L 4	# 8	Maguire, Va			(aff'I W/ CME C	onsulting and Cisco)
Maguire, Valerie	Copperopolis	(aff'l w/ CME Co	onsulting and Cisco)	Comment T		Comment Status X ate sentence structure than a "	shall" statemer	consistency_CL140
Comment Type E	Comment Status D		quick review	SuggestedF	0		shall statemen	n.
Consider adding ad	lditional Keywords.				-	eceive function shall convert" w	ith "The PMD	receive function
SuggestedRemedy				convert				
Insert in alphabetic				Renlace	from lowest	t to highest shall correspond" w	ith "from lowe	st to highest
	nal (OLT), Optical Network Termir	iai (ONT), Optic	al Network Unit (UNU)	corresp			iai, iioiiiiowea	st to highest
Proposed Response	Response Status W			Proposed R	esponse	Response Status W		
	d be added, which have been use	ed in the draft.			SED REJECT consistent wi	Г. th clause 140.5.3.		
C/ 168 SC 168	P 26	L16	# 9					
Maguire, Valerie	Copperopolis	(aff'l w/ CME Co	onsulting and Cisco)					
Comment Type E Consider using alte	Comment Status D mate sentence structure than a "	shall" statemen	consistency_CL140 t.					
SuggestedRemedy Replace, "a PMD s	hall be connected" with, "a PMD i	s connected"						
Proposed Response PROPOSED REJE	Response Status W CT. th existing clauses, e.g., CL 140.1							

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	P31	L 19	# 12	C/ 168	SC 168.5.7	P 32	L 6	# 15
Maguire, Valerie	Copperopolis	s (aff'l w/ CME Co	onsulting and Cisco)	Maguire, V	alerie	Copperopolis	(aff'l w/ CME C	onsulting and Cisco)
Comment Type E C Consider using alternate se	Comment Status X ntence structure than a	"shall" statemen	consistency_CL140 t.	Comment Consid	51	<i>Comment Status</i> D ate sentence structure than a "	shall" statemer	consistency_CL140
SuggestedRemedy Replace, "global signal dete reports"	ect function shall report"	with, "global sig	nal detect function		ce, "the PMD s	hall set" with, "the PMD sets"	D. f	
Replace, "SIGNAL_DETEC global indicator" Replace, "SIGNAL_DETEC	Ū.		_	Proposed PROP	Response OSED REJEC	shall be mapped to" with, "PMI <i>Response Status</i> W T. clause 140.5.7.	J_lault is mapp	
parameter is generated"				C/ 168	SC 168.5.8	P 32	L13	# 16
	esponse Status W			Maguire, V	alerie	Copperopolis	(aff'l w/ CME C	onsulting and Cisco)
PROPOSED REJECT. Remain consistent with clau	use 140.5.4.			Comment	Туре Е	Comment Status X		consistency_CL140
Consider using alternate se SuggestedRemedy Replace, "the PMD shall be	Comment Status D ntence structure than a	"shall" statemen	onsulting and Cisco) consistency_CL140 t.	Replac Proposed PROP	ce, "the PMD s ce, "PMD_tran: <i>Response</i> OSED REJEC	hall set" with, "the PMD sets" smit_fault shall be mapped to" v <i>Response Status</i> W T. clause 140.5.8.	vith, "PMD_trai	nsmit_fault is mapped to"
PROPOSED REJECT. Keep consistent with clause	, • 140.5.5.			C/ 168	SC 168.5.9		L 21	# [17
				Maguire, V		Copperopolis	(aπ'i w/ CME C	onsulting and Cisco)
Cl 168 SC 168.5.6 Maguire, Valerie Comment Type E C Consider using alternate se	Comment Status D		# [<u>14</u> onsulting and Cisco) <i>consistency_cp</i>	Suggested	ler using alterr Remedy	ate sentence structure than a " E-BRx-U PMD shall include" wit		
SuggestedRemedy Replace, "compliant with th						hall set the" with, "the PMD set		
			·	Replac	ce, "PMD_rece	ive_fault shall be mapped" with	, "PMD_receive	e_fault is mapped"
Replace, "this function shal <i>Proposed Response R</i> PROPOSED REJECT.	l turn off" with, "this func esponse Status W	tion turns off"			OSED REJEC	<i>Response Status</i> W T. 802.3 cp (clauses 158.5.9, 159	0.5.9, 160.5.9.	

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 168.5.1	0 P 32	L 31	# 18	C/ 157	SC 157.2.1	P 22	L 30	# 21
Maguire, Valerie	Copperopolis	(aff'l w/ CME Co	onsulting and Cisco)	Lusted, Ke	nt	Synopsys		
<i>Comment Type</i> E Consider using altern	Comment Status D ate sentence structure than a "	'shall" statemen	consistency_cp t.	Comment The 10	51	Comment Status X and 100GAUI-1 C2M annexes	should be refere	AL enced in Table 157-6.
SuggestedRemedy Replace, "Silent start Proposed Response	shall be provided" with, "Silent Response Status W	start is provide	d"		-	IGAUI-1 C2C (Annex 120F) ar	nd 100GAUI-1 C2	2M (Annex 120G).
PROPOSED REJEC Keep consistent with	Г. 802.3 ср (clauses 158.5.10, 15	59.5.10, 160.5.1			OSED ACCEP	Response Status W I IN PRINCIPLE. remedy with editorial license.		
C/ 168 SC 168.7.1		L 53	# 19	C/ 168	SC 168.1	P 26	L22	# 22
6	Copperopolis Comment Status D ate sentence structure than a "	,	onsulting and Cisco) consistency_CL140 t.	Lusted, Ke <i>Comment</i> The 10	Туре Т	Synopsys <i>Comment Status</i> X and 100GAUI-1 C2M annexes	should be refere	AL enced in Table 168-1
SuggestedRemedy Replace, "RIN shall b Proposed Response	e as defined" with, "RIN is defir Response Status W	ned "				IGAUI-1 C2C (Annex 120F) ar	nd 100GAUI-1 C2	2M (Annex 120G)
PROPOSED REJEC Keep consistent with		L31	# 20		OSED ACCEP	Response Status W I IN PRINCIPLE. remedy with editorial license.		
Lusted, Kent	Synopsys	231	# 20	C/ 168	SC 168.1	P 26	L33	# 23
Comment Type E	Comment Status X rmation in the introduction		bucket_EZ	Lusted, Ke		Synopsys	233	# 23
SuggestedRemedy	rmation in the introduction Response Status W			There the 10 RS(54 Suggested Bring i 3ck ar Proposed PROP	able 168-1 state is no specific m 0GBASE-BRx F 4). / <i>Remedy</i> n Clause 91 inte d 3df. Update f <i>Response</i>	Comment Status X as that Clause 91 RS-FEC is re- ention in the draft specification PMDs. Note that Clause 91 de to the draft. Specifically, Claus the relevant sub-clauses for Ri- Response Status W FIN PRINCIPLE.	of which RS-FE fines two RS-FE e 91.5.2.7 and 9	EC is to be used with ECs: RS(528) and 1.5.3.3 as modified by

C/ FM	SC FM	P 1	L23	# 24	C/ FM	SC FM		P8	L 31	# 27
Ran, Adee		Cisco Systems	, Inc.		Ran, Adee			Cisco Syste	ms, Inc.	
	t of amendments			bucket_EZ	Comment Placeh	<i>Type</i> E older shou		Comment Status X		bucket_E
Currer Suggestea	,	dments are listed in the propo	sed response.		Suggested	-				
	•	by IEEE Std 802.3yy-20xx"			Chang	e "IEEE Sto	d 802.3	Bxx-20xx" to "IEEE Std 802	2.3dk-20xx"	
to		Std 802.3dd-2022, IEEE Std 8	02 3cs-2022 JE	FF Std 802 3db-2022	Proposed I	R <i>esponse</i> OSED ACC	FPT	Response Status W		
IEEE \$ 802.3c	Std 802.3ck-2022 z-2023, IEEE St	e, IEEE Std 802.3de-2022, IEE d 802.3cy-2023, IEEE Std 802	E Std 802.3cx-	2023, IEEE Std	C/ 00	SC 0		P1	L	# 28
	Cor 1-2024".	_			Ran, Adee			Cisco Syste	ms, Inc.	
•	Response	Response Status W			Comment	Туре ТЕ	R	Comment Status D		consistency_c
PROP	OSED ACCEPT.							efers to "a single strand o		
C/ FM	SC FM	P1	L 26	# 25				in the draft, but is not defi related to copper wires, n		e standard has only 3
Ran, Adee		Cisco Systems	, Inc.		It is un	clear what	"strand	l" means.		
Comment	Type E	Comment Status D		bucket_EZ	Suggested	Remedy				
Task F	orce review has	completed.						ns a single fiber, as it seen		
S <i>uggested</i> Chang		view" to "Working Group Ballo	.t".		added	in 30.5.1.1	.2.	ode fiber" to "one single-r aft (3 instances, and poss		
	Response OSED ACCEPT. omment #132.	Response Status W			Strand	OSED ACC	cp abs	Response Status W N PRINCIPLE. tract and list of amendmen		
C/ FM	SC FM	P8	L 3	# 26		consistent v		be incorporated into the 8 2.3cp.	UZ.3 Dase stanua	iu.
Ran, Adee		Cisco Systems	, Inc.							
Comment The pl		Comment Status X text box should be replaced.		bucket_EZ						
	IRemedy									
Suggestea										
"IEEE (copy 1	e from Std 802.3xx-20x from PAR)."	x, IEEE Draft Standard for Eth	ernet. Amendm	ent: Amendment title						
Chang "IEEE (copy to "IEEE	Std 802.3xx-20x from PAR)."	x, IEEE Draft Standard for Eth								

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

CI 45	SC 45.2.1.7.4	P 13	L 12	# 29	C/ 157	SC	157.1.2	P 17	L 30	# 31
Ran, Adee		Cisco System	ns, Inc.		Ran, Adee			Cisco Syste	ems, Inc.	
version Similarl	5-9 has been am the amendment ly for other tables	Comment Status X ended multiple times. The e is based on. in existing clauses (45 and sion of table 45-9 is in 802.3	1 80).		Comment Missin Suggested Insert	g "and" IRemed	E before 80 ly	Comment Status X .1.3		bucket_E
differen	it amendments.	nt but I assume P802.3dk is		-	Proposed PROP	•	se ACCEPT.	Response Status W		
The lab	el in the suggest	ed remedy is based on the l	abel in 802.3df.		01 457	80	157.2.1	Daa	1.24	# 00
SuggestedF	Remedy				C/ 157		157.2.1	P 22	L 31	# 32
		n before Table 45-9, change			Ran, Adee			Cisco Syste	ems, Inc.	
2022, a follows	nd IEEE 802.3df (some unchange	e 45–9 (as modified by IEEI -2024) after the row for "100 d rows not shown):" is in clause 45 and clause 8)GBASE-LR4, 1	00GBASE-ER4", as		ve the A		Comment Status X ed in 802.3ck (100GAUI-1 They should be included		AL are very relevant for the
Proposed R		Response Status W			Suggestea	Remed	ly			
•	DSED ACCEPT I				Add co	olumns	for Annex	es 120F and 120G, option	al for all PHYs.	
		medy with editorial license.			Proposed	Respon	se	Response Status W		
Cl 157	SC 157	P17	L 1	# 30		OSED /		N PRINCIPLE.		
Ran, Adee		Cisco System	ns, Inc.		C/ 157	SC	157.3	P 24	L7	# 33
Comment T		Comment Status X		bucket_EZ	Ran, Adee		101.0	Cisco Syste	-	" 55
It seem	s that this amend	ion for clause 157. Iment includes the whole cla sific changes, per the IEEE \$,	Comment	Туре	E d at the er	Comment Status X id of the last paragraph.	ans, nc.	Bucket_E
instructi		ables and the addition of a r are not changed at all (sucl draft.				period.				
Previou	is amendments o	an be used as references.			Proposed PROP	•	SE ACCEPT.	Response Status W		
SuggestedF						55207				
00	itorial instructions	s to each subclause that is c	changed, as dor	ne in previous						
Proposed R	Response	Response Status W								
PROPC	DSED ACCEPT I mment #102.	•								

C/ 157 SC 157.6	P 24	L46	# 34	C/ 168	SC 168.5.1	P30	L 8	# 37
Ran, Adee	Cisco Systems		# UT	Ran. Adee	00 100.0.1	Cisco System		# 01
Comment Type E	Comment Status D	, 110.	consistency CL80	Comment 7	vpe TR	Comment Status D	io, ino.	consistency of
This clause does not This is very unusual. because it would not	include a PICS - it only refers to Subclause 157.6 should be rem be in scope), but even if it is not t helpful for readers and only add	oved (perhaps , there is no ne	that do. in maintenance, eed to change it in this	The title a PMD	e of 168.5.1 is " but of a transm	PMD block diagram", but the	-	n Figure 168-2 is not of
	1 through 167, added by the cha			not be o	carried over to a		•	
SuggestedRemedy				Suggestedl	Remedy			
Remove 157.6 from t	the draft.			Change	e the subclause	title from "PMD block diagram	m" to "Block dia	gram".
Proposed Response	Response Status W			Proposed F	Response	Response Status W		
PROPOSED REJEC				PROPO	DSED ACCEPT			
Clause 157.6 is follow	wing Clause 80.7.		_	C/ 168	SC 168.6	P32	L53	# 38
C/ 168 SC 168	P 26	L 1	# 35	Ran, Adee	00 100.0	Cisco System		# 50
Ran, Adee	Cisco Systems	, Inc.		Comment 7	vpe T	Comment Status D	15, 110.	consistency_CL14
Comment Type ER Missing editorial instr	Comment Status X ruction for clause 168.		bucket_EZ	Footno distanc	te a says "The f e". This is not a	RS-FEC correction function m n option, so "may" is inappro	priate. Also, this	ssed for any operating
SuggestedRemedy				place ir	168.6, which is	s about optical specifications.		
Add an editorial instru	uction: "Insert new clause 168".			l am av	vare that the sa	me text exists in many previo	us clauses, but	an error should not be
Proposed Response	Response Status W			carried	over to a new o	lause.		
PROPOSED ACCEP				Suggested				
Implement suggested	d remedy with editorial license.					Table 168-5, and instead add the option to perform error de		
C/ 168 SC 168.1	P 26	L 47	# 36			ted. FEC error correction sha		
Ran, Adee	Cisco Systems	, Inc.		Proposed F	Response	Response Status W		
Comment Type TR	Comment Status X		AUI			IN PRINCIPLE.		
	fined in 802.3ck (100GAUI-1 C20 Ys. They should be included in Ta		re very relevant for the		footnote a from onsistent with c			
SuggestedRemedy								
Add rows for Annexe	s 120F and 120G, optional.							
Proposed Response	Response Status W							
PROPOSED ACCEP See comment #22.	TED IN PRINCIPLE.							

C/ 168	SC 168.6.1	P33	L11	# 39	C/ 168	SC	168.6.1	P33	L 50	# 41
Ran, Adee		Cisco System	is, Inc.		Ran, Adee	•		Cisco System	is, Inc.	
Comment	Type TR	Comment Status D		new	Comment	Туре	TR	Comment Status D		bucket_EZ
ppm, t	o avoid possible	recent PMDs with 100 Gb/s performance degradatation. ined in Annex 120F and 1200			irrelev	ant. Th		7-7 refers to clause 139, but clause may be 140 instead (ade).		
THE IC			3 support this ha	anowei range.	Also,	externa	al reference	es should be indicated by "for	rest green" text	color.
		R8 PMDs in 802.3df, Table 1 ample of how this is impleme			Suggester			o "Clause 140" and format as	ovtornal rafara	nee (forest groop)
Suggested	IRemedy					•			external refere	nce (lorest green).
In Tab	le 168-6 and Tab	le 168-7, change the signalir	ng rate range to	53.125 +/- 50 ppm.	Proposed	,		Response Status W		
Proposed I	Response	Response Status W			PROF	OSED	ACCEPT.			
	OSED ACCEPT				C/ 168	SC	168.6.1	P 34	L 1	# 42
Clause	e 140 uses 100pp	om, df has mixed definitions,	dj uses 50ppm.		Ran, Adee	•		Cisco System	s. Inc.	
C/ 168	SC 168.6.1	P33	L 28	# 40	Comment		т	Comment Status D	,	consistency_d
Ran, Adee		Cisco System	is, Inc.					gh 168-3 are not equations - t	hey are express	sions that don't mean
Comment	Type ER	Comment Status D		consistency_dj	anythi	ng with	out the co	ntext, which is Table 167-7.		
indicat	ed by indentation	r (min) in Table 167-7 contain n, as done in the "Receiver se			lt wou table.	ld be a	better ser	vice to the reader if these exp	pressions are pl	aced directly in the
that the	ese are two case	S.			Suggestee	dReme	dy			
	nrase "for 1.4 dB ortened to improv	<= max(TECQ, TDECQ) <= ⁻ e readabilty.	TDECQ(max)" is	s overly long and can	Move equat		expression	ns into Table 168-8, OMA_ou	ter row, replacin	g the references to the
Suggested	Remedy				Proposed	Respo	nse	Response Status W		
Chang		nting with "for". max(TECQ, TDECQ) <= TDE	ECQ(max)" to "fo	or max(TECQ, TDECQ)			REJECT. nat, Table			
>= 1.4	_	Response Status W								
>= 1.4 Proposed I	Response	Response Status W								

	SC 168.6.1	P 33	L 36	# 43	C/ 168	SC 168	.7.1	P 36	L 7	# 45
Ran, Adee		Cisco Systems	s, Inc.		Ran, Adee			Cisco System	is, Inc.	
Comment Typ	be TR	Comment Status X		over/under-shoot	Comment	Гуре Е		Comment Status D		bucket_E2
		-shoot" is shorthand that sho			Typo ir	n "Sidn"				
		ause 168.7.7 are actually to tw /under-shoot" is not defined a		imeters, overshoot and	Suggested	Remedy				
		as been changed to "overshoo		n 802.3db.	Change	e to "Side"				
	definition subc instead of olde	clause 168.7.7 should be align er clauses.	ned with the reco	ent text in 802.3db	Proposed F PROP	Response DSED ACC		Response Status W		
uggestedRe	emedy				C/ 168	SC 168	753	P38	L 50	# 46
		vershoot/undershoot (max)".			Ran, Adee			Cisco System		
		7.7 to align it with 167.8.8 in 8 0 and elsewhere accordingly.	302.3db-2022.		Comment	Tvpe El	5	Comment Status D	IS, IIIC.	bucket E
roposed Rea		Response Status W					-	not a functional link. It sho	uld be formatter	
PROPOS		ED IN PRINCIPLE.			referen	ce.				
	00 /00 = /			"	Other similar external references appear in 168.7.13.1, 168.7.13.2, 168.7.13.3, 168.7.7 (3 references), 168.7.11, 168.8.1, and maybe other places.					
	SC 168.7.1	P36	L 1	# 44	Suggested	,,	,	olor i, and maybe other ple		
an, Adee		Cisco Systems	s, Inc.		00		al refere	nces in forest green text co	blor	
omment Typ		Comment Status D		consistency_dj	Proposed F			-		
I he title c		0 is incorrect. It does not inclu				SED ACC		Response Status W		
definition: sublclaus		ains is the mapping of parame								
sublclaus	e.				C/ 168	SC 168	7.5.4	P 39	L 3	# 47
subiciaus I am awa	e. re that the sam	ne title exists in many previous	s clauses, but a	n error should not be		SC 168	.7.5.4	P 39 Cisco System	-•	# 47
subiciaus I am awa carried ov	e. re that the sam	ne title exists in many previous ause. It has been corrected in	s clauses, but a	n error should not be	<i>Cl</i> 168 Ran, Adee		.7.5.4		-•	
sublclaus I am awa carried ov is taken fi	e. re that the sam ver to a new cla rom Table 180	ne title exists in many previous ause. It has been corrected in	s clauses, but a	n error should not be	C/ 168 Ran, Adee <i>Comment</i> T	Гуре Е		Cisco System	-•	
sublclaus I am awa carried ov is taken fi uggestedRe	se. re that the sam ver to a new cla rom Table 180 e <i>medy</i> he title of Table	ne title exists in many previous ause. It has been corrected in	s clauses, but a P802.3dj, and	n error should not be the suggested remedy	Cl 168 Ran, Adee Comment T "5 tap, (see fo	<i>Type</i> E T spaced" r example	should 167.8.6.	Cisco System Comment Status D be "5-tap, T-spaced". 1 in 802.3db)	s, Inc.	bucket_E
subiciaus I am awai carried ov is taken fi uggestedRe Change ti subclause	ee. re that the sam ver to a new cla rom Table 180 emedy he title of Table es".	ne title exists in many previous ause. It has been corrected in -15.	s clauses, but a P802.3dj, and	n error should not be the suggested remedy	C/ 168 Ran, Adee Comment 7 "5 tap, (see fo I am av	<i>Type</i> E T spaced" r example vare that th	should 167.8.6. ne same	Cisco System Comment Status D be "5-tap, T-spaced". 1 in 802.3db) text exists in many previou	s, Inc.	bucket_E
sublclaus I am awa carried ov is taken fi uggestedRe Change ti subclause roposed Res PROPOS	ee. re that the sam ver to a new cla rom Table 180 amedy he title of Table es". sponse SED ACCEPT.	ne title exists in many previous ause. It has been corrected in -15. e 168-10 to "Mapping of parar <i>Response Status</i> W	s clauses, but a P802.3dj, and	n error should not be the suggested remedy	Cl 168 Ran, Adee Comment T "5 tap, (see fo I am av carried	<i>Type</i> E T spaced" r example ware that th over to a r	should 167.8.6. ne same	Cisco System Comment Status D be "5-tap, T-spaced". 1 in 802.3db) text exists in many previou	s, Inc.	bucket_E
sublclaus I am awa carried ov is taken fi uggestedRe Change ti subclause roposed Res PROPOS	ee. re that the sam ver to a new cla rom Table 180 amedy he title of Table es". sponse SED ACCEPT.	ne title exists in many previous ause. It has been corrected in -15. e 168-10 to "Mapping of parar	s clauses, but a P802.3dj, and	n error should not be the suggested remedy	Cl 168 Ran, Adee Comment T "5 tap, (see fo I am av carried Suggested	Type E T spaced" r example vare that th over to a r Remedy	should l 167.8.6. ne same new clau	Cisco System Comment Status D be "5-tap, T-spaced". 1 in 802.3db) text exists in many previou	s, Inc.	bucket_E
subiclaus I am awai carried ov is taken fi uggestedRe Change ti subclause roposed Res PROPOS	ee. re that the sam ver to a new cla rom Table 180 amedy he title of Table es". sponse SED ACCEPT.	ne title exists in many previous ause. It has been corrected in -15. e 168-10 to "Mapping of parar <i>Response Status</i> W	s clauses, but a P802.3dj, and	n error should not be the suggested remedy	Cl 168 Ran, Adee Comment T "5 tap, (see fo I am av carried Suggested	Type E T spaced" r example vare that th over to a r <i>Remedy</i> e per comr	should I 167.8.6. ne same new clau nent.	Cisco System Comment Status D be "5-tap, T-spaced". 1 in 802.3db) text exists in many previou	s, Inc.	bucket_E2

C/ 168 SC										
0,100 30	C 168.7.11	P 41	L 3	# 48	C/ 168	SC 168.7	12	P 41	L 7	# 51
Ran, Adee		Cisco Systems	s, Inc.		Ran, Adee			Cisco System	ıs, Inc.	
<i>Comment Type</i> The signalir		Comment Status X 3.125 GBd, so the number sho	ould be 53.125 G	<i>consistency_dj</i> GHz, not 53.2.	Comment Figure		-	o <i>mment Status</i> X poor quality.		ref_receive
SuggestedReme Change per					S <i>uggested</i> Replac	Remedy the figure v	vith an S'	√G one.		
	DACCEPT	Response Status W IN PRINCIPLE. onse to comment #94.				Response OSED ACCE omment #111	PT IN PF	sponse Status W RINCIPLE.		
C/ 168 SC	C 168.7.12	P 41	L 32	# 49	C/ 168	SC 168.7	12	P 41	L15	# 52
Ran, Adee		Cisco Systems	s, Inc.		Ran, Adee			Cisco System	ns, Inc.	
Comment Type	Е	Comment Status D		ref_receiver	Comment	Type TR	C	omment Status X		ref_receive
		ation 168-4 is not active. 168-5 and 168-6 in the subse	quent paragraph	IS.				onstraints" appears betw ese lines, which is incor		suggests that the
SuggestedReme	edy				Suggested	Remedy				
Make the cr	ross-referen	ices active.			Move t	he label belo	w the bot	tom line.		
Proposed Resp	onse	Response Status W			Proposed I	Response	Re	sponse Status 🛛 🛛 🛛 🖤		
PROPOSE	DACCEPT	Response Status W IN PRINCIPLE. emedy with editorial license.			PROP	R <i>esponse</i> OSED ACCE omment #111	PT IN PF	•		
PROPOSEI Implement s	DACCEPT	IN PRINCIPLE.	L40	# 50	PROP	OSED ACCE	PT IN PF	•	LO	# 53
PROPOSEI Implement s	D ACCEPT	IN PRINCIPLE. emedy with editorial license.		# 50	PROP See co	OSED ACCE omment #111 SC 0	PT IN PF	RINCIPLE.	LO	# [53
PROPOSEI Implement s	D ACCEPT suggested re C 168.7.12	IN PRINCIPLE. emedy with editorial license. P 41		# 50 ref_receiver	PROP See co	OSED ACCE omment #111 SC 0	PT IN PF	P 0	LO	
PROPOSEL Implement s Cl 168 SC Ran, Adee Comment Type Equations 1	D ACCEPT suggested re C 168.7.12 TR 168-4 throug nsitivity does as shown in	IN PRINCIPLE. emedy with editorial license. P41 Cisco Systems <i>Comment Status</i> D gh 168-5 have equal signs and s not need to be equal to a va	s, Inc. d define receiver	<i>ref_receiver</i> sensitivity - but the	PROP See co C/ 00 Regev, Alo Comment PDF du Tile is Author Subject	OSED ACCE omment #111 SC 0 on Type E ocument prop listed as "IEE is listed as "	PT IN PF Co Derties co E Draft F EEE P80 "IEEE P8	P0 Keysight comment Status X Intain incorrect data: 2802.3xx" 2.3xx Task Force" 02.3aj"	-	# <u>53</u> bucket_E
PROPOSEL Implement s Cl 168 SC Ran, Adee Comment Type Equations 1 receiver ser maximum, a SuggestedReme Either chang	D ACCEPT suggested ro C 168.7.12 TR 168-4 throug nsitivity does as shown in <i>edy</i> ge the equa	IN PRINCIPLE. emedy with editorial license. P41 Cisco Systems <i>Comment Status</i> D gh 168-5 have equal signs and s not need to be equal to a va	s, Inc. d define receiver lue - it should be	<i>ref_receiver</i> sensitivity - but the below some	PROP See co C/ 00 Regev, Alo Comment PDF du Tile is Author Subjec Copyrid	OSED ACCE omment #111 SC 0 n <i>Type</i> E ocument prop listed as "IEE is listed as " ct is listed as ght notice is	PT IN PF Co Derties co E Draft F EEE P80 "IEEE P8	P0 Keysight comment Status X Intain incorrect data: 2802.3xx" 2.3xx Task Force"	-	
PROPOSEL Implement s Cl 168 SC Ran, Adee Comment Type Equations 1 receiver ser maximum, a SuggestedReme Either chang maximum R Proposed Respo	D ACCEPT I suggested re C 168.7.12 TR 168-4 throug hsitivity does as shown in edy ge the equa RS. onse D ACCEPT I	IN PRINCIPLE. emedy with editorial license. P41 Cisco Systems Comment Status D gh 168-5 have equal signs and s not need to be equal to a va the figure.	s, Inc. d define receiver lue - it should be	<i>ref_receiver</i> sensitivity - but the below some	PROP See co Cl 00 Regev, Alo Comment PDF du Tile is Author Subjec Copyri Suggested change change change change	OSED ACCE omment #111 SC 0 n Type E ocument prop listed as "IEE is listed as " is listed as " t is listed as " t is listed as " kemedy e Title fron "II e Author fron e Subject fror	PT IN PF	P0 Keysight Domment Status X Intain incorrect data: 2802.3xx" 2.3xx Task Force" 02.3aj" It © 201x IEEE. All right (P802.3xx" to "IEEE Dr 202.3xx Task Force" to 2802.3aj" to ""IEEE P80 (1) "Copyright © 201x IEE	ts reserved." raft P802.3dk" "IEEE P802.3dk 02.3dk"	bucket_E
PROPOSEL Implement s Cl 168 SC Ran, Adee Comment Type Equations 1 receiver ser maximum, a SuggestedReme Either chang maximum R Proposed Respondent	D ACCEPT I suggested re C 168.7.12 TR 168-4 throug hsitivity does as shown in edy ge the equa RS. onse D ACCEPT I	IN PRINCIPLE. emedy with editorial license. P41 Cisco Systems <i>Comment Status</i> D gh 168-5 have equal signs and s not need to be equal to a va the figure. tho figure.	s, Inc. d define receiver lue - it should be	<i>ref_receiver</i> sensitivity - but the below some	PROP See co Cl 00 Regev, Alo Comment PDF du Tile is Author Subjec Copyri Suggested change change change change	OSED ACCE omment #111 SC 0 In Type E ocument proplisted as "IEE is listed as "IEE is listed as "defined as " is listed as " ct is listed as " Remedy e Title fron "II e Author fron e Subject fror e Copyright nu EEE. All right	PT IN PF	P0 Keysight Domment Status X Intain incorrect data: 2802.3xx" 2.3xx Task Force" 02.3aj" It © 201x IEEE. All right (P802.3xx" to "IEEE Dr 202.3xx Task Force" to 2802.3aj" to ""IEEE P80 (1) "Copyright © 201x IEE	ts reserved." raft P802.3dk" "IEEE P802.3dk 02.3dk"	bucket_E

Cl Particip SC Participants P7	L 4	# 54	Cl 45 SC 45.2.1.28 P15	L 44	# 57
Regev, Alon Keysi	ght		Regev, Alon Keysight		
Comment Type E Comment Status "P802.3xx" should be "P802.3dk"	x	bucket_EZ	Comment TypeTComment StatusXInstead of just deleting "1 0 1 x x x = Reserved", r	replace it with "1 0	CL45_controlregister 1 1 1 x = Reserved"
SuggestedRemedy change "P802.3xx" to "P802.3dk"			SuggestedRemedy Instead of deleting "1 0 1 x x x = Reserved", repla	ace it with "1 0 1 1	1 x = Reserved"
Proposed Response Response Status PROPOSED ACCEPT.	w		Proposed Response Response Status W PROPOSED ACCEPT. Resolve using the response to comment #221.		
Cl Introdu SC Introduction P8	L 31	# 55	C/ 30 SC 30.5.1.1.2 P12	L 20	# 58
Regev, Alon Keysi Comment Type E Comment Status "802.3xx" should be "802.3dk"	-	bucket_EZ	Regev, Alon Keysight Comment Type E Comment Status X References to "Clause 168" should be links		bucket_EZ
SuggestedRemedy "802.3xx" should be "802.3dk" Proposed Response Response Status	w		SuggestedRemedy on lines 20, 23, 26, 29, 32, and 35 make the refer "Clause 168"	rences to "Clause	168" into links to
PROPOSED ACCEPT. See comment #27.			Proposed Response Response Status W PROPOSED ACCEPT.		
C/ Introdu SC Introduction P8	L 4	# 56	See comment #114.		
Regev, Alon Keysi	ght		C/ 157 SC 157.2.1 P22	L 32	# 59
Comment Type E Comment Status	X	bucket_EZ	Regev, Alon Keysight		
"802.3xx" should be "802.3dk"			Comment Type E Comment Status X		bucket_EZ
SuggestedRemedy			The clause numbers in the column headers shou	ld be links to the c	lauses
"802.3xx" should be "802.3dk"			SuggestedRemedy		
Proposed Response Response Status PROPOSED ACCEPT.	W		change the column labels "81", "82", "91", "83", "8 "135E", "135F", and "135G" into links	83A", 83B", "83D",	"83E", "135", "135D",
			Proposed Response Response Status W		
			PROPOSED ACCEPT. This will be done by 802.3 editor.		

CI 157 SC 157.3	P 24	L 7	# 60	C/ 158 SC 158.2	P 28	L12	# 63
Regev, Alon	Keysight			Regev, Alon	Keysight		
Comment Type E "80.3" should be a lin	Comment Status X		bucket_EZ	<i>Comment Type</i> E "80.3" should be a link	Comment Status X		bucket_EZ
SuggestedRemedy change "80.3" to a lin	nk to "80.3"			<i>SuggestedRemedy</i> change "80.3" to a link	to "80.3"		
Proposed Response PROPOSED ACCEP This will be done by				Proposed Response PROPOSED ACCEPT	Response Status W		
C/ 157 SC 157.3	P24	L 23	# 61	C/ 157 SC 157.1.2 Regev, Alon	P 17 Keysight	L 30	# 64
Regev, Alon <i>Comment Type</i> E "80.4" should be a lin	Keysight <i>Comment Status</i> X nk		bucket_EZ	Comment Type E "80.1.3" shoul be "and SuggestedRemedy	Comment Status X		bucket_EZ
SuggestedRemedy change "80.4" to a lin	nk to "80 <i>1</i> "			change "80.1.3" to "an	d 80.1.3"		
Proposed Response PROPOSED ACCEF	Response Status W			Proposed Response PROPOSED ACCEPT	Response Status W		
See comment #121.				C/ 168 SC 168.7.1	P 36	L 7	# 65
C/ 168 SC 168.1	P 26	L7	# 62	Regev, Alon	Keysight		
Regev, Alon	Keysight			Comment Type E	Comment Status X		bucket_EZ
Comment Type E	Comment Status X		bucket_EZ	"sidn" should be "side"			
remove editor's note	s prior to publication			SuggestedRemedy change "sidn-mode" to	"side-mode"		
SuggestedRemedy remove editor's note	s prior to publication			Proposed Response	Response Status W		
Proposed Response	Response Status W			PROPOSED ACCEPT	•		
PROPOSED ACCEF See comment #120.	PT IN PRINCIPLE.			C/ 157 SC 157.2.1	P 22	L 41	# 66
See comment #120.				Maki, Jeffery	Juniper Netwo	orks	
				Comment Type T 100GAUI-1 C2C & 100	Comment Status X OGAUI-1 C2M are missing.		AUI
				SuggestedRemedy Add 100GAUI-1 C2C 8	& 100GAUI-1 C2M		
				Proposed Response PROPOSED ACCEPT See comment #21.	Response Status W ED IN PRINCIPLE.		
	uired ER/editorial required GR/ /dispatched A/accepted R/reje					ent ID 66	Page 12 of 51 2025/4/18_22:54:5

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

2025/4/18 22:54:50

C/ 168	SC 168.1	P 26	L 48 # 67	Cl	168	SC 168.1	P 26	L 33	# 68
Maki, Jeffe	ry	Juniper Networks		Ор	osasnick	, Eugene	Broadcom, In	1C.	
Comment T 100GA		Comment Status X 0GAUI-1 C2M are missing.	Þ	AUI Co	o <i>mment</i> Table		Comment Status D e 91 RS-FEC as Require	ed for 100GBASE	<i>FE</i> C -BR10, -BR20, and -
Suggested Add 12 Proposed F	20F-100GAUI-1	C2C & 120G-100GAUI-1 C2M Response Status W			these 91.5.3 feature	two FEC codes shou .3 list which PHYs us es of each FEC code	oth RS[528] and RS[544 Id be used with the BR10 e RS[528] and which us	0/20/40 PMDs. S	ubclauses 91.5.2.7 and
PROP	OSED ACCEPT	TED IN PRINCIPLE.		Su	ıggestea	IRemedy			
SEE co	omment #22.						lard and add the three Pl was done in 802.3ck for		
					Chang	2.3ck-2022)	ce of the second paragra	aph of 91.5.2.7 (a	as modified by IEEE
					VR1, 1 LR1,10	00GBASE-SR2, 100 00GBASE-CR1, or 1	BASE-KP4, 100GBASE OGBASE-SR1, 100GBAS 00GBASE-KR1, 100GBA SRS-FEC sublayer shall	SE-DR, 100GBAS ASE-BR10, 100G	E-FR1, 100GBASE- BASE-BR20, or
					Chang	2.3ck-2022)	ce of the second paragra	aph of 91.5.3.3 (a	as modified by IEEE
					VR1, 1 LR1, 1 100GE	00GBASE-SR2, 100 00GBASE-CR1, or 1 BASE-BR40 PHY, the	BASE-KP4, 100GBASE OGBASE-SR1, 100GBAS I00GBASE-KR1, 100GB RS-FEC sublayer shall symbol errors in a codew	SE-DR, 100GBAS ASE-BR10, 1000 be capable of co	E-FR1, 100GBASE- BASE-BR20, or
					Chang	e the third paragraph	n of 91.5.3.3 (as modified	d by IEEE Std 80	2.3ck-2022) as follows:
					correc option 91.6.8 FEC_k the RS 100GE	tion to reduce the de is indicated by the as). When the option is bypass_correction_er B-FEC sublayer is use BASE-VR1, 100GBA BASE-FR1, 100GBA	er may provide the optior lay contributed by the RS ssertion of the FEC_byp provided, it is enabled b nable variable (see 91.6. ed to form part of a 100G SE-SR2, 100GBASE-SR SE-LR1, 100GBASE-CR or 100GBASE-BR40 PHY	S-FEC sublayer. ass_correction_a by the assertion o .1). This option sh GBASE-CR2, 100 t1, 100GBASE-SI 1, or 100GBASE-SI 1, or 100GBASE-SI	The presence of this bility variable (see f the nall not be used when GBASE-KR2, R4, 100GBASE-DR,
						e the last sentence o k-2022) as	of the last paragraph of 9	1.5.3.3 (as modif	fied by IEEE Std
	tochnical roquir	od ER/oditorial required CR/gon	oral required T/technical E/editoric	al Glapporal			Comm	nont ID 69	Page 13 of 51

Comment ID 68

Page 13 of 51 2025/4/18 22:54:50 FFC

follows:

When the RS-FEC sublayer is used to form a 100GBASE-KP4, 100GBASE-CR2, 100GBASE-KR2, 100GBASE-VR1, 100GBASE-SR2, 100GBASE-SR1, 100GBASE-DR, 100GBASE-FR1, 100GBASE-LR1, 100GBASE-CR1, or 100GBASE-KR1, 100GBASE-BR10, 100GBASE-BR20, or 100GBASE-BR40 PHY, the symbol error threshold shall be K=6380.

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Implement suggested remedy with editorial license.

Cl 168	SC 168.1	P 26

Opsasnick, Eugene Broadcom, Inc.

Comment Type TR Comment Status D

Table 168-1 lists the Clause 91 RS-FEC as Required for 100GBASE-BR10, -BR20, and -BR40. Subclause 91.5.3.3.1 should be updated to add the 3 new PHYs using RS[544] to the list of PHYs using the optional FEC Degraded SER feature as defined in Clause 91.

L33

69

SuggestedRemedy

In 91.5.3.3.1 add:

Change the first paragraph of 91.5.3.3.1 (as modified by IEEE Std 802.3ck-2022) as follows:

For 100GBASE-CR2, 100GBASE-KR2, 100GBASE-VR1, 100GBASE-SR2, 100GBASE-SR1, 100GBASE-DR, 100GBASE-FR1, 100GBASE-LR1, 100GBASE-CR1, and 100GBASE-KR1, 100GBASE-BR10, 100GBASE-BR20, and 100GBASE-BR40 PHYs an optional FEC degraded symbol error ratio function is available.

Proposed Response	Response Status	W
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PROPOSED ACCEPT IN PRINCIPLE.

Implement suggested remedy with editorial license.

C/ 168	SC 168.6.1	P 33	L 24	# 70
Johnson, J	ohn	Broadcom		
Comment	Type TR	Comment Status D		technical

At ER(min) = 3.5 dB and OMA(max) =5 dBm, maximum TX Pavg would be 6.2 dBm, which

exceeds the PAVG(max) spec of 4.8dBm for 100G-BR10.

SuggestedRemedy

Minimum required TX OMA at TDECQ(max) = 3.1 dBm, corresponding to PAVG = 4.3dBm at ER(min). To conform to TX Pavg(max) = 4.8 dBm, propose to change TX OMA(max) from 5 dBm to 3.6 dBm in Table 168-6, and RX OMA(max) from 5 dBm to 3.6dBm in Table 168-7.

Proposed Response Response Status W

For group discussion.

Add a note clarifying that OMA max may be limited at low ER.

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 168.6.1	P33	L 38	# 71
Johnson,	John	Broadcom		
Comment	Type TR	Comment Status D		technical

The transmitter power excursion (TPE) maximum limits are inconsistent with the specified OMA(max) and maximum overshoot (OS) = 22%. As discussed in johnson_3dj_01a_2411, OS should roll off to ~14.6% at OMA(max) to be consistent with other 100G PAM4 PMDs.

SuggestedRemedy

Assuming ideal linearity, TPE(max) = OMA(max)*(OS+0.5), where OS = 14.6%. Based on this, change the spec limits for TPE(max) as follows:

100G-BR10: from 2.8 dBm to 1.7 dBm (assuming acceptance of TX OMA(max) = 3.6 dBm) 100G-BR20: from 3.9 dBm to -0.5 dBm 100G-BR40: from 6.1 dBm to 7.8 dBm

Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE.

Solution to be consistent with comment #70.

C/ 168 SC	C 168.6.1	P 33	L 50	# 72
Johnson, John		Broadcom		
Comment Type	TR	Comment Status D		bucket_EZ

It's unnecessary to compare with Cl. 139 in footnote (b).

SuggestedRemedy

Delete "Even though the representation of the OMAouter requirement is different from that in Clause 139, they are consistent." from footnote (b).

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE. See comment #41.

Comment ID 72

Page 14 of 51 2025/4/18 22:54:50

Cl 168	SC 168.7.4	P 36	L 46	# 73	C/ 168	SC 168.7.5	P 37	L 21	# 74
Johnson, Jo	ohn	Broadcom			Johnson, J	ohn	Broadcom		
definition Suggested Add the "OMAo defined Proposed F PROPC	Type TR xt to clarify the re ons in 168.7.5. <i>Remedy</i> e following senter outer is measured d in 168.7.5, befo	Comment Status X ference receiver used to mean nce to the end of the paragra d using waveforms captured a re the reference equalizer." Response Status W	ph:	, J	Comment The TI of 168 single This cl specifi Suggested Follow descrip Remov Replac The TI the me	Type TR DECQ test meth .7.5.1 lists test n exception for the ause should refe c to Cl. 168. <i>Remedy</i> the specification bions of the refe ve sub-clauses c ce the text in 168 DECQ of each la thods	Broadcom <i>Comment Status</i> D od in 168.7.5 needlessly reinethod exceptions that should be FFE (which is not needed arence 121.8.5 and list a commethod of 802.3dj D1.5, Commethod of 802.3dj D1.5, Commethod and 168.7.5.1, 168.7.5.3 and 168.7.5 with the following: anne shall be within the limits 121.8.5.3, 121.8.5.4 and 16	Id be in 168.7.5.3 because it is the mplete set of test CI.180.9.5, which i d in other test me 8.7.5.4. (168.7.5.2 given in Table 16	3. 168.7.5.3 has a same as 121.8.5.4). method exceptions ncludes improved thod sub-clauses. 2 becomes 168.7.5.1) 58-6 if measured using
					test pa specifi — The oscillo a 3 dB respor least 1 not ex –20 dE Thoms respor — The	Ittern ed for TDECQ in reference receiscope, has bandwidth of an ise to at .3 × 53.125 GH ceed 3. Compensation ise.	of the test pattern generator In Table 168-10. Ver, composed of the comb oproximately 26.5625 GHz v z, and at frequencies above In may be made for any devi se power density spectrum	ination of the O/E vith a fourth-order 1.3 × 53.125 GH ation from an idea	converter and the r Bessel-Thomson z, the response should al fourth-order Bessel-
					— The — The metho in 121 may be used to equal higher sensiti	e optical return lo lowest measure d described 8.5. Alternative e o determine equ or values of TDEC vity and	onse filter with a 3 dB band oss is as given in Table 168 ed TDECQ values are achie optimization methods such alizer tap weights to reduce Q. These alternative metho itivity calibration.	-6. eved with the equa as minimum mea test time, and an	alizer optimization n squared error (MMSE) e expected to report
						OSED ACCEPT	Response Status W IN PRINCIPLE. remedy with editorial license	2 .	

C/ 168	SC 168.7.7	P39	L 37	# 75	C/ 168	SC 168.	7.10	P 40	L 41	# 78
Johnson, Jo	ohn	Broadcom			Johnson, Jo	ohn		Broadcom		
Comment 7	Type TR	Comment Status X		over/under-shoot	Comment 7	Гуре ТЕ	2	Comment Status X		consistency_c
	kt to clarify the re initions in 168.7.	eference receiver used to mea 5.	sure TX over/ur	ndershoot, refering to		ference rec		s previously defined in 168.7. e.	5, so it can be	referenced rather than
Suggestedl	Remedy				Suggested	Remedy				
	t the output of the	e reference equalizer being a e reference receiver defined in			"as me of appr	oximately 2	ough a 26.562	n O/E converter and oscillosc 5 GHz with a fourth-order Bes	sel-Thomson ı	response to at least 1.3
Proposed F	Response	Response Status W						quencies above 1.3 × 53.125 may be made for any deviatio		
PROPO	OSED ACCEPT.					on respons		may be made for any deviatio	n from an ideal	iourin-order Bessel-
C/ 168	SC 168.7.8	P 40	L17	# 76	"The tra		ansitic	on time is measured using wa		
Johnson, Jo	ohn	Broadcom			referen	ce receive	defin	ed in 168.7.5, before the refer	ence equalizer	. II -
Comment 1	Type TR	Comment Status X		consistency di	Proposed F	Response		Response Status W		
	kt to clarify the re initions in 168.7.	eference receiver used to mea 5.	sure TX power	excursion, refering to	PROPO	OSED ACC	EPT.			
Suggestedl	Remedy									
	t the output of the	e reference equalizer being a e reference receiver defined i		e the reference						
Proposed F PROPO	Response DSED ACCEPT.	Response Status W								
C/ 168	SC 168.7.9	P 40	L 32	# 77						
Johnson, Jo	ohn	Broadcom								
Comment 7	Type TR	Comment Status X		consistency_dj						
	kt to clarify the re ons in 168.7.5.	eference receiver used to mea	sure extinction	ratio, refering to the						
Suggestedl	Remedy									
"The ex	ktinction ratio is i	e end of the paragraph: measured using waveforms ca .7.5, before the reference equ		utput of the reference						
Proposed F	Response	Response Status W								
	-									

PROPOSED ACCEPT.

C/ 168	SC ·	168.7.13	P 42	L 1	# 79	C/ 157	SC 157	.1.2	P 17	L 30	# 81
Johnson, .	John		Broadcom			Simms, W	illiam		NVIDIA		
Comment		TR	Comment Status X		consistency_dj	Comment			Comment Status X		bucket_EZ
		receiver s ied in 121	ensitivity test method in 168. 8 10	7.13 needless	y reiterates the test	missin	g 'and' befo	ore 80.1	1.3		
Suggested			.0.10.			Suggested		e consi	stent with the one removed in	front of 50 Ch/s	
			method of 802.3dj D1.5, Cl. exceptions. Replace the en			Proposed			Response Status W		
measu	ured usi	ng the	tivity of each lane shall be wi	Ū.	ven in Table 168-7 if	C/ 168	SC 168	8.4	P 29	L 26	# 82
			3.10 with the following excep essed receiver conformance		easured according to	Simms, W	illiam		NVIDIA		
			used. The transition time of t	he stressed red	ceiver conformance test	<i>Comment</i> strage	•••		Comment Status D and insertion of Tables		bucket_EZ
— Wit turnec RINXC 168-6 — The	th the Ga d off, the DMA of t	aussian no he SRS to ng rate of	e specified in Table 168-6. Dise generator on and the sir est source should be no grea the test pattern generator ar	ter than the va	ue specified in Table	locatic Proposed	text at line on <i>Response</i>		picking up at line 49 unbroke <i>Response Status</i> W N PRINCIPLE. Implement sug		
— The Stress	e require sed eye	ed values	ing test patterns specified in of the "Stressed receiver ser	sitivity (OMAou	, , , ,	<i>Cl</i> 168 Simms, W			P 39 NVIDIA	L 3	# 83
given		1014 (SEC)	Q), lane under test" and "OM	Aouter of each	aggressor lane are as	<i>Comment</i> strang			Comment Status X ween line 3 and 17 with figure	en the mddle.	bucket_EZ
Proposed PROF	•	se ACCEPT.	Response Status W			Suggested move	-	ter the o	completed text		
	80	45.2.1.28	P15	1.4.4	# [00]	Proposed			Response Status W		
Cl 45 Simms, W		45.2.1.28	P15 NVIDIA	L 44	# 80				D IN PRINCIPLE. medy with editorial license.		
Comment	Туре	E). values ²	Comment Status X	efined	CL45_controlregister	mpior	nom odggo				
Suggestee	dRemed	ly	ng vlalues reserved								
Proposed PROF	,	se ACCEPT.	Response Status W								

Resolve using the response to comment #221.

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 168.7.1	12 P41	L32	# 84	C/ 157	SC 157.2.1	I P 22	L 27	# 87
Simms, William	NVIDIA			Mi, Guang	can	Huawei Tee	chnologies Co., Ltd	
Comment Type E	Comment Status D		ref_receiver	Comment	Type TR	Comment Status X		AUI
The Figure 168-6 ha Line 32, 35, and 38	s an x-axis of TECQ but the test	t below the figure	references SECQ.			0G bidi PMDs should also su	pport 100G AUI-1 (C2M
SuggestedRemedy				Suggested add tw		100G AUI-1 C2C(CL120F) a	nd 100G AUI-1 C2N	M(120G) respectively .
Not sure if this is an				Proposed	Response	Response Status W		
Proposed Response PROPOSED ACCEF See comment #111.					OSED ACCEP omment #21.	PT IN PRINCIPLE.		
		1 47	# 05	C/ 168	SC 168.1	P 26	L 21	# 88
C/ 168 SC 168.9	P 45	L17	# 85	Mi, Guang	can	Huawei Tee	chnologies Co., Ltd	
Simms, William	NVIDIA			Comment	Type TR	Comment Status X		AUI
Comment Type E	Comment Status X		bucket_EZ	Table	168-1. The 10	0G bidi PMDs should also su	pport 100G AUI-1 (C2M
another break in text				Suggested	lRemedy			
SuggestedRemedy				add tw	o rows for 100	G AUI-1 C2C(CL120F) and ²	100G AUI-1 C2M(12	20G) respectively .
move table after text				Proposed	Response	Response Status W		
Proposed Response PROPOSED ACCEF	Response Status W				OSED ACCEF omment #22.	PT IN PRINCIPLE.		
CI 157 SC 157.1.2	2 P17	L 30	# 86	C/ 168	SC 168.6.1	I P33	L15	# 89
Mi, Guangcan	Huawei Techr	nologies Co., Ltd		Mi, Guang	can	Huawei Tee	chnologies Co., Ltd	
Comment Type ER	Comment Status X		bucket_EZ	Comment	Type ER	Comment Status X		bucket_EZ
in "131.1.2 (for 50 Gl 100 Gb/s)", missing SuggestedRemedy change to "131.1.2 (f				(range upstre be pre	e) or 100GBAS am and down e cisely controlle	th is currently written as 1000 E-BRx-U center wavelengths stream would only have one ed, thus a range is specified a single wavelength, therefore	(range). This does wavelength each. T allowing the center	n't seem right. The 'he wavelength can not wavelength to drift or
100 Gb/s)"						single wavelength, therefore		e is not appropriate.
Proposed Response	Response Status W			Suggested		to wavelength in both cases	of unstroom and de	whatroom
PROPOSED ACCEP	PT.			Ŭ	0	ç		Jwnsucam.
				Proposed	•	Response Status W		
						PT IN PRINCIPLE. d remedy to Table 168-6 and	Table 168-7.	

C/ 168	SC 168.7.4	P 36	L 41	# 90	C/ 168	SC 168	.7.5	P 37	L 20	# 91
/li, Guangcar	า	Huawei Techn	ologies Co., Ltd		Mi, Guange	can		Huawei Techr	ologies Co., Lte	t
CL168 as	auses has bee s well.	Comment Status X n pointing out the source of C	MAout data. Rec	<i>consistency_dj</i> ommend to add in	and its	g back at C measuren	L 140. nent se	Comment Status X 7 and other IMDD clauses in etup has been referencing as	much as possi	ble the existing content
SuggestedRe add "OM/ receiver o Proposed Re PROPOS	emedy Aouter is meas defined in 168. sponse SED ACCEPT	sured using waveforms captu 7.5, before the reference equ <i>Response Status</i> W IN PRINCIPLE. emedy with editorial license.		of the reference	in CL ⁴ "TDEC given i Table specifi referer also dd what w referer new te while o Suggested delet s clause some The TI Table specifi referer The sig patterr specifi — The approx 53.125 20 dB. Thoms — The white r of 26.5 or	121.8.5 and CQ, and for n 140–6 if m ed in 140.7 nace equaliz buble chec vas defined tast setp, it is only listing <i>IRemedy</i> sections 16 s, so that t possible la DECQ shal 168–6 if m ed in 168.7 nace equaliz gnaling ratur combinati kimately 26 5 GHz and Compension for TDE combinati kimately 26 5 GHz and Compension for spon	d writin 100GE easure 7.5.2, u er as c king the in CL ne sake s recon out the 8.7.5.1 he ove 1 be wite easure 7.5.2, u er as c e of the .5625 (at frequation m se. d noise d by a	ng only the changes and diffe BASE-DR only, TDECQ – 10 and using the test setup specific using the measurement method described in 140.7.5.1, with the e content of 168.7.5.1, there 140.7.5 or CL 124.8.5, except e of clarity and consistence, a mmended to update the section e exceptions.	rences. An example of the second specified in 121.8.5.1 of specified in the following exceeds a seems no tech of need of upda also avoiding mon with reference appropriate referent. Implement appropriate referent implement following exceeds a specified in the following exceeds a specified in the following exceeds and the second specified in the following exceeds a specified in th	nple in CL140 is: Il be within the limits with an optical channel 121.8.5.3, and using a septions:" Inical difference than tes to the table isleading message of ces to existing clauses erences to existing t with an optical channel 121.8.5.3, and using a septions: 168–6 and uses a test 3 dB bandwidth of sponse to at least 1.3 × se should not exceed – fourth-order Bessel- 121–9), is equivalent to r with a 3 dB bandwidth ured using the test

				-					
Proposed Response	Desmana Ctature M			C/ 168	SC 168.7	11	P 40	L 51	# 94
PROPOSED ACCEPT IN F	Response Status W			Mi, Guang	Ican		Huawei Tech	nologies Co., Ltd	
Resolve using response to				Comment	Type TR	Com	ment Status X		consistency_dj
C/ 168 SC 168.7.6	P 39	L 27	# 92	update	e the definition	n of RINxON	IA which better deso	cribes the actual b	ensus were made to behaviour and aligns
Mi, Guangcan	Huawei Tech	nologies Co., Ltd					eld. Related contribu blic/24_09/chayeb		
Comment Type ER "The TECQ of each lane is methods specified for TDE		at the test fiber is no	<i>bucket_EZ</i>	Suggested		0 71	,,,,	ouj_o	
There is only one lane in B SuggestedRemedy delete " of each lane"				, PROF The R		, PT IN PRIN hition in dj D	onse Status W CIPLE. 1.5 could be used a ith editorial license.	s references.	
Proposed Response F PROPOSED ACCEPT.	Response Status W			<i>Cl</i> 168 Stassar, P	SC 168.6	1	P 33 Huawei	L 36	# 95
C/ 168 SC 168.7.7 Mi, Guangcan	P 39 Huawei Tech	L 31 nologies Co., Ltd	# 93		Iraft still uses	'over/unders	<i>ment Status</i> D shoot", In P802.3dj i ot". Also in 168.7,1 a		over/under-shoot reed to use
Comment Type ER There seems to be no char regarding the calculation.	Comment Status X nge from the method defi	ned in CL 140. refe	over/under-shoot rence to CL 140		.1 change "Tra		er/under -shoot" to " e "Over/under-shoot		shoot and undershoot". overshoot and
SuggestedRemedy possible language from CL	151, and update the refe	erence tables shoul	d serve the purpose :	under and u	shoot". Chang	e heading c	f 168.7.7 from "Ove	r/under-shoot" to	"Transmitter overshoot der-shoot" to "over and
"The over/under-shoot of e measured using a test pattern specified for over/u Overshoot and undershoot (see 151.8.5) and the wave reference equalizer being a Overshoot and undershoot	nder-shoot in Table 151- are measured using the eform captured for the TE applied in each case.	-11. waveform captured CQ test (see 151.8	for the TDECQ test .6), but without the		Response POSED ACCE		onse Status W		
Proposed Response F PROPOSED ACCEPT IN F	Response Status W PRINCIPLE.								

Resolve using response to comment #75.

Comment ID 95

Page 20 of 51 2025/4/18 22:54:50

C/ 1	SC	1.4	P 1	1	LO	# 96	Cl 45	SC	45.2.1.27b	C	P 14	L 44	# 98
Slavick, Je	eff		Broad	dcom			Slavick, Je	eff			Broadcom		
Comment	Туре	TR	Comment Status	X		quick review	Comment	Туре	ER	Comment S	Status X		bucket_E2
Suggested	e IRemec	dy	0GBASE-BR10/20				clause	es that a		higher numbe			est. So the new efore" the existing sub-
			IEEE 802.3 Physic e single-mode fiber				Suggestee	dReme	dy				
differe path c	nt spec	ifications for some to the	or 100GBASE-BR10 other. (See IEEE S	0-D and 1 Std 802.3	100GBASE-BR1 8, Clause 168.)	0-U; a transmission			ng instructi d clause nu		e new clauses	"before 45.2.1.3	33.1" (after correcting to
			IEEE 802.3 Physic e single-mode fiber				Proposed	Respo	nse	Response S	tatus W		
differe path c	nt spec	ifications for some to the	or 100GBASE-BR20 e other. (See IEEE S	0-D and 1 Std 802.3	100GBASE-BR2 8, Clause 168.)	0-U; a transmission				IN PRINCIPLE emedy with edi			
			IEEE 802.3 Physic e single-mode fiber				C/ 45	SC	45.2.1.28		P 15	L 44	# 99
differe	nt spec	ifications fo	or 100GBASE-BR40	0-D and 1	100GBASE-BR4	0-U; a transmission	Slavick, Je	eff			Broadcom		
pain c roposed			other. (See IEEE S		, Clause 168.)		Comment	Туре	TR	Comment S	Status X		CL45_controlregiste
,	,		Response Status	vv			In Tab	ole 45-3	0 the entrie	es for 101110	and 101111 a	re no longer spe	cified.
			medy with editorial	license.			Suggestee	dReme	dy				
	00	45.04.074			1.40	# 97	Add ir	n a 101 ⁻	11x = Rese	erved to Table	45-30		
7 45		45.2.1.27b		-	L13	# 97	Proposed	Respo	nse	Response S	status W		
ilavick, Je Comment		ER	Broad Comment Status			bucket EZ			ACCEPT.				
			A/PMD extended a		clause 45 2 1 33		Resol	ve usin	g the respo	onse to comme	ent #221.		
				5111ty 2 13	012030 40.2.1.00		C/ 168	SC	168.1		P 26	L7	# 100
uggested Fix the		-	g to align with base	standar	ha atchau hac h	ting instructions	Slavick, Je	eff			Broadcom		
	priately.		g to aligh with base	, standari			Comment	Туре	TR	Comment S	Status X		bucket_EZ
roposed	,		Response Status	w						notes stating v not be include			from. This note has
	ommen		I FININGIFLE.				Suggestee	dReme	dy				
								ove all th ccurenc		notes stating v	vhich clause w	as used to creat	te the current clause
							Proposed	Respo	nse	Response S	tatus W		
									ACCEPT I t #120.	IN PRINCIPLE			

C/ 80 SC 80.4	P 16	L13	# 101	C/ 168 S	C 168.12.3	P 49	L15	# 104
Slavick, Jeff	Broadcom			Slavick, Jeff		Broadcom		
Comment Type TR	Comment Status D		bucket_EZ	Comment Type	TR	Comment Status D		bucket_E2
The other optical PHYs	s in this table note that the dela	ay time includes	2m of fiber.	INS is used	d as a condito	onal in 168.12.4.8 so it needs	sa*	
SuggestedRemedy				SuggestedRem	nedy			
Add "Includes 2m of fib	per." before the See 168.3.1			Add a * bef	ore INS in the	e item column in 168.12.3		
Proposed Response PROPOSED ACCEPT	Response Status W			Proposed Resp PROPOSE	oonse D ACCEPT.	Response Status W		
C/ 157 SC 157.1	P17	L1	# 102	C/ 30 S	C 30.5.1.1.2	P12	L12	# 105
Slavick, Jeff	Broadcom			Slavick, Jeff		Broadcom		
Comment Type TR	Comment Status D		bucket_EZ	Comment Type	ER	Comment Status X		bucket_E2
There is no editing inst	truction for Clause 157 which is	s an existing bas	se standard clause.	100GBASE	-T does not e	exist.		
				0				
SuggestedRemedy				SuggestedRem	ieay			
Reduce the amount of	text, Figures and Tables to on Clause. Inserting appropriate			Change the	e editing instr	uctions to be "Insert the follo 5.1.1.2 before 100GBASE-C		
Reduce the amount of 157 and not the entire				Change the SYNTAX" s	e editing instru- section of 30.8			
Reduce the amount of 157 and not the entire being changed. Proposed Response PROPOSED ACCEPT	Clause. Inserting appropriate Response Status W			Change the SYNTAX" s 2022):" Proposed Resp	e editing instru- section of 30.4 ponse	5.1.1.2 before 100GBASE-C		
Reduce the amount of 157 and not the entire being changed. Proposed Response PROPOSED ACCEPT Implement suggested r	Clause. Inserting appropriate Response Status W IN PRINCIPLE.			Change the SYNTAX" s 2022):" Proposed Resp PROPOSE See commo	e editing instru- section of 30.4 ponse	5.1.1.2 before 100GBASE-C Response Status W		
Reduce the amount of 157 and not the entire being changed. Proposed Response PROPOSED ACCEPT Implement suggested r	Clause. Inserting appropriate <i>Response Status</i> W IN PRINCIPLE. remedy with editorial license.	éditing instructio	ons for section that is	Change the SYNTAX" s 2022):" Proposed Resp PROPOSE See commo	e editing instri section of 30.4 Donse D ACCEPT II ent #135. C 157.3	5.1.1.2 before 100GBASE-C <i>Response Status</i> W N PRINCIPLE. <i>P</i> 24	R1 (as inserted	by IEEE Std. 802.3ck-
Reduce the amount of 157 and not the entire being changed. Proposed Response PROPOSED ACCEPT Implement suggested r Cl 157 SC 157.6 Slavick, Jeff	Clause. Inserting appropriate <i>Response Status</i> W TIN PRINCIPLE. remedy with editorial license. <i>P</i> 24	éditing instructio	ons for section that is	Change the SYNTAX" s 2022):" Proposed Resp PROPOSE See common Cl 157 St	e editing instri section of 30.4 D ACCEPT II ent #135. C 157.3 eorge	5.1.1.2 before 100GBASE-C <i>Response Status</i> W N PRINCIPLE. <i>P</i> 24	R1 (as inserted	by IEEE Std. 802.3ck- # 106
Reduce the amount of 157 and not the entire being changed. Proposed Response PROPOSED ACCEPT Implement suggested r Cl 157 SC 157.6 Slavick, Jeff Comment Type TR	Clause. Inserting appropriate <i>Response Status</i> W TIN PRINCIPLE. remedy with editorial license. <i>P</i> 24 Broadcom	éditing instructio	bons for section that is # 103	Change the SYNTAX"s 2022):" Proposed Resp PROPOSE See commo Cl 157 Se Zimmerman, Ge Comment Type 80.3 should	e editing instri section of 30.1 D ACCEPT II ent #135. C 157.3 eorge e E d be an Extern	5.1.1.2 before 100GBASE-C <i>Response Status</i> W N PRINCIPLE. <i>P</i> 24 ADI,APLgp,Ci <i>Comment Status</i> D nal cross reference or else b	<i>L</i> 7 <i>L</i> 7 Sco,Marvell,On	# <u>106</u> Semi,Sony,SenTekse <i>bucket_E2</i> draft (do changes need
Reduce the amount of 157 and not the entire being changed. Proposed Response PROPOSED ACCEPT Implement suggested r Cl 157 SC 157.6 Slavick, Jeff Comment Type TR	Clause. Inserting appropriate Response Status W TIN PRINCIPLE. remedy with editorial license. P24 Broadcom Comment Status D	éditing instructio	bons for section that is # 103	Change the SYNTAX"s 2022):" Proposed Resp PROPOSE See commo Cl 157 Su Zimmerman, Gu Comment Type 80.3 should to be made	e editing instri section of 30.1 D ACCEPT II ent #135. C 157.3 eorge e E d be an Extern	5.1.1.2 before 100GBASE-C <i>Response Status</i> W N PRINCIPLE. <i>P</i> 24 ADI,APLgp,Ci <i>Comment Status</i> D	<i>L</i> 7 <i>L</i> 7 Sco,Marvell,On	# <u>106</u> Semi,Sony,SenTekse <i>bucket_E2</i> draft (do changes need
Reduce the amount of 157 and not the entire being changed. Proposed Response PROPOSED ACCEPT Implement suggested r Cl 157 SC 157.6 Slavick, Jeff Comment Type TR Clauses 161-167 are re SuggestedRemedy	Clause. Inserting appropriate Response Status W TIN PRINCIPLE. remedy with editorial license. P24 Broadcom Comment Status D	éditing instructio	# 103 bucket	Change the SYNTAX" s 2022):" Proposed Resp PROPOSE See comme Cl 157 Si Zimmerman, Ge Comment Type 80.3 should to be made)	e editing instri section of 30.4 DACCEPT II ent #135. C 157.3 eorge e E d be an Extern c? - the existin	5.1.1.2 before 100GBASE-C <i>Response Status</i> W N PRINCIPLE. <i>P</i> 24 ADI,APLgp,Ci <i>Comment Status</i> D nal cross reference or else b	<i>L</i> 7 <i>L</i> 7 Sco,Marvell,On	# <u>106</u> Semi,Sony,SenTekse <i>bucket_E2</i> draft (do changes need
Reduce the amount of 157 and not the entire being changed. Proposed Response PROPOSED ACCEPT Implement suggested r Cl 157 SC 157.6 Slavick, Jeff Comment Type TR Clauses 161-167 are re SuggestedRemedy Remove the strikethou	Clause. Inserting appropriate Response Status W FIN PRINCIPLE. remedy with editorial license. P24 Broadcom Comment Status D elated to things other than the	éditing instructio	# 103 bucket	Change the SYNTAX" s 2022):" Proposed Resp PROPOSE See commo Cl 157 Si Zimmerman, Ge Comment Type 80.3 should to be made) SuggestedRem	e editing instri section of 30.4 DACCEPT II ent #135. C 157.3 eorge e E d be an Extern ?? - the existin	5.1.1.2 before 100GBASE-C Response Status W N PRINCIPLE. P24 ADI,APLgp,Ci Comment Status D nal cross reference or else b ng 80.3 does NOT reference	<i>L</i> 7 isco,Marvell,Ons oring it in to the o that it applies to	# 106 # 106 Semi,Sony,SenTekse bucket_Ez draft (do changes need o 100GBASE-BRx PHYs
Reduce the amount of 157 and not the entire being changed. Proposed Response PROPOSED ACCEPT Implement suggested r Cl 157 SC 157.6 Slavick, Jeff Comment Type TR Clauses 161-167 are re SuggestedRemedy Remove the strikethou Proposed Response PROPOSED ACCEPT	Clause. Inserting appropriate Response Status W TIN PRINCIPLE. remedy with editorial license. P24 Broadcom Comment Status D elated to things other than the gh of Clause 160 and insert a Response Status W	éditing instructio	# 103 bucket	Change the SYNTAX" s 2022):" Proposed Resp PROPOSE See commo Cl 157 Si Zimmerman, Go Comment Type 80.3 should to be made) SuggestedRem Mark 80.3 s	e editing instri section of 30.4 DACCEPT II ent #135. C 157.3 eorge d be an Extern ?? - the existin medy as External (g	5.1.1.2 before 100GBASE-C <i>Response Status</i> W N PRINCIPLE. <i>P</i> 24 ADI,APLgp,Ci <i>Comment Status</i> D nal cross reference or else b	<i>L</i> 7 isco,Marvell,Ons oring it in to the o that it applies to	# 106 # 106 Semi,Sony,SenTekse bucket_E draft (do changes need o 100GBASE-BRx PHYs
Reduce the amount of 157 and not the entire being changed. Proposed Response PROPOSED ACCEPT Implement suggested r Cl 157 SC 157.6 Slavick, Jeff Comment Type TR Clauses 161-167 are re SuggestedRemedy Remove the strikethou Proposed Response	Clause. Inserting appropriate Response Status W TIN PRINCIPLE. remedy with editorial license. P24 Broadcom Comment Status D elated to things other than the gh of Clause 160 and insert a Response Status W	éditing instructio	# 103 bucket	Change the SYNTAX" s 2022):" Proposed Resp PROPOSE See commo Cl 157 Si Zimmerman, Go Comment Type 80.3 should to be made) SuggestedRem Mark 80.3 s	e editing instri section of 30.4 D ACCEPT II ent #135. C 157.3 eorge e E d be an Extern ? - the existin nedy as External (g to 100GBAS	5.1.1.2 before 100GBASE-C Response Status W N PRINCIPLE. P24 ADI,APLgp,Ci: Comment Status D nal cross reference or else b ng 80.3 does NOT reference green) or bring it into the draf	<i>L</i> 7 isco,Marvell,Ons oring it in to the o that it applies to	# 106 # 106 Semi,Sony,SenTekse <i>bucket_E2</i> draft (do changes need o 100GBASE-BRx PHYs

C/ 168	SC 168.3.2	P 28	L 52	# 107	C/ 168	SC 168	3.12.3	P 49	L 28	# 109
Zimmerman	n, George	ADI,APLgp,Ci	sco,Marvell,On	Semi,Sony,SenTekse	Zimmerma	in, George		ADI,APLgp,Ci	sco,Marvell,On	Semi,Sony,SenTekse
Comment T	Гуре Е	Comment Status X		bucket_EZ	Comment	Туре Т	•	Comment Status X		consistency_cp
not in th	he draft.	to sections 80.5, Figure 80-9						tion of the PICS, not a capa o be spelled out in their own		These are
	ot comment more	e on cross references - howe ecked	ver, there are n	umerous ones missed	Suggested	Remedy				
SuggestedF	,	conod.						12.3, add new section 168.1		
00	,	as external. Editor to check th	he draft for exte	rnal cross references				nt PICS statements. Go throne ne-by-one to populate (this is		
	y and fix.					useful).				
Proposed R	Response	Response Status W			Proposed	Response		Response Status W		
	OSED ACCEPT nent suggested r	IN PRINCIPLE. emedy with editorial license a	and discretion.			OSED RE		2.3cp.		
C/ 168	SC 168.3.2	P 29	L 2	# 108	C/ 168	SC 168	3.6.3	P35	L11	# 110
Zimmerman	n, George	ADI,APLgp,Ci	sco,Marvell,On	Semi,Sony,SenTekse	Zimmerma	in, George		ADI,APLgp,Ci	sco,Marvell,On	Semi,Sony,SenTekse
Comment T	Type TR	Comment Status D		consistency_CL140	Comment	Туре Т		Comment Status X		bucket_EZ
Further	r, the requiremer	fact. The limitation on the sk nts in 83.5.3.4 go further and	specify skew va	riation. Is that to be		nit for a por or ratios.	wer bud	get can't be dB - power has	units - dBm, fo	r example dB is only
		3.4 was mentioned earlier de ere is where that should be st		n't clear that those	Suggested	Remedy				
SuggestedF	Remedy					rename "F (e.g., dBm		udget" so it is clear it is a rati	io, or change u	nits to reflect a unit of
		is limited to 43 ns as defined omply with the requirements		"Skew and skew	Proposed			Response Status W		
Proposed R	Response	Response Status W				OSED RE		nnel insertion loss (dB) + all	ocation for pen	alties (dB)
	OSED REJECT. consistent with C	lause 140.					<i>,</i> ona			

100GBA MAUs an end, and LR4/ER4 SuggestedR change Proposed Re PROPO	ype E rd-carrying BASI (SE-T. Where d re the first in the d the location of 4 row that's v cemedy 100GBASE-T to esponse	Comment Status X E-T guy, I'm pretty sure we be this go? Most of these 100G section (wherea the new row in the fault d why I'm not sure)	e never got so auda se are alphanumeri s "T" would be in ar	c, so I think the new n odd place, near the
As a car 100GBA MAUs au end, and LR4/ER4 SuggestedR change Proposed Re PROPO	d-carrying BASI (SE-T. Where d re the first in the d the location of 4 row that's v <i>Remedy</i> 100GBASE-T to esponse	E-T guy, I'm pretty sure we oes this go? Most of these 100G section (wherea the new row in the fault d why I'm not sure)	se are alphanumeri s "T" would be in ar	acious as to do c, so I think the new n odd place, near the
100GBA MAUs an end, and LR4/ER4 SuggestedR change Proposed Re PROPO	ASE-T. Where d re the first in the d the location of 4 row that's v Remedy 100GBASE-T to esponse	oes this go? Most of thes 100G section (wherea the new row in the fault d why I'm not sure) 50GBASE-SR	se are alphanumeri s "T" would be in ar	c, so I think the new n odd place, near the
, PROPO	,	Response Status W		
	OFD AGOEDT			
	nment #135.	N PRINCIPLE.		
CI 30	SC 30.5.1.1.2	P 12	L 20	# 114
Zimmerman,	, George	ADI,APLgp	,Cisco,Marvell,OnS	emi,Sony,SenTekse
Comment Ty	/pe E	Comment Status X		bucket_E
"Clause	168" references	should be active cross-re	eferences (hyperlin	ks) - they are not.
Replace Proposed Re	e "Clause 168" te esponse	ext at lines 20, 23, 26, 29, Response Status W	32, and 35 with act	tive cross references
		- 044		
				# 115
	6		,Cisco,Marvell,OnS	-
				bucket_E2
		ns are without underscore	es (those are for the	ens on a Change
SuggestedR	emedy			
Remove	underscores in	45.2.1.27b.7 through 45.2	2.1.27b.12 (includir	ng on paragraph text).
	•	Response Status W		
	Comment Ty "Clause SuggestedR Replace Proposed R PROPO CI 45 Zimmerman Comment Ty Insert ec instruction SuggestedR Remove Proposed R	"Clause 168" references SuggestedRemedy Replace "Clause 168" te Proposed Response PROPOSED ACCEPT. Cl 45 SC 45.2.1.27t Zimmerman, George Comment Type E Insert editorial instructio instruction) SuggestedRemedy	Comment Type E Comment Status X "Clause 168" references should be active cross-ressingestedRemedy Replace "Clause 168" text at lines 20, 23, 26, 29, Proposed Response Response Status W PROPOSED ACCEPT. Cl 45 SC 45.2.1.27b.7 P14 Zimmerman, George ADI,APLgp Comment Type E Comment Type E Comment Type E SuggestedRemedy Remove underscores in 45.2.1.27b.7 through 45. Proposed Response Remove underscores in 45.2.1.27b.7 through 45.	Comment Type E Comment Status X "Clause 168" references should be active cross-references (hyperlinit SuggestedRemedy Replace "Clause 168" text at lines 20, 23, 26, 29, 32, and 35 with act Proposed Response Response Status W PROPOSED ACCEPT. Cl 45 SC 45.2.1.27b.7 P14 L43 Zimmerman, George ADI,APLgp,Cisco,Marvell,OnS Comment Type E Comment Status X Insert editorial instructions are without underscores (those are for insinstruction) SuggestedRemedy Remove underscores in 45.2.1.27b.7 through 45.2.1.27b.12 (includin Proposed Response Response Status W

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 115

bucket EZ

bucket_EZ

bucket_EZ

Page 24 of 51 2025/4/18 22:54:50

C/ 157	SC 15	57	P17	L1	# 116	C/ 168	SC 168.1	P 27	L13	# 119
Zimmermar				sco Marvell On	Semi,Sony,SenTekse	Zimmerma				Semi,Sony,SenTekse
Comment 7	<i>,</i> 0	E	Comment Status D		bucket EZ	Comment	, U	Comment Status X		consistency CL140
There i here, m title and Suggestedi	is no edit narked w d text of (<i>Remedy</i> editing ins	ith 'char Clause ´ structior	uction for this clause. As the ige' editing marks (which is m 157 as shown:" may be used prior to header, "Change title <i>Response Status</i> W	ore than you n - even though i	eems to be included eed), it seems "Change t is REALLY unusual.	Physic Suggestec Add fo is opti Proposed	cal implementa IRemedy notnote 1 to C(noal" at line 29	ation of the CGMII is optional, bu GMII at line 13. Add text of "NO" 9 (below PCS). <i>Response Status</i> W		at Figure 168-1 shows.
	OSED AC		IN PRINCIPLE.			Keep	consistent with otnote a in Ta	n Clause 140.		
C/ 168	SC 16	88	P 26	L 1	# 117	C/ 168	SC 168.1	P 26	L 6	# 120
Zimmermar	n, George	е	ADI,APLgp,Cis	sco,Marvell,On	Semi,Sony,SenTekse	Zimmerma	in, George	ADI,APLgp,Ci	isco,Marvell,On	Semi,Sony,SenTekse
Comment 1	Гуре	E	Comment Status X		bucket_EZ	Comment	Туре Е	Comment Status X		bucket_EZ
Proposed F PROP(editing in Response	e CCEPT I	n prior to header, "Insert Claus Response Status W IN PRINCIPLE. emedy with editorial license.	se 168 after Cla	ause 167."	but if) <i>Suggested</i> Either	rou want to ke IRemedy change edito Editor's notes	robably served their purpose no ep them around, they should be r's notes to say "Editor's note (to on origin for subclauses. <i>Response Status</i> W	deleted prior to	SA ballot.
C/ 168	SC 16	8 1	P 26	L 50	# 118	,	,	PT IN PRINCIPLE.		
Zimmermar					Semi,Sony,SenTekse	The e	ditor's notes w	ill be removed.		
Comment 7	, 0	т	Comment Status D		consistency CL140	C/ 157	SC 157.4	P 24	L23	# 121
		't quite ł	nit the point. Physical impleme	entation of the	2=	Zimmerma	n, George	ADI,APLgp,Ci	isco,Marvell,On	Semi,Sony,SenTekse
logical	descripti	on still a	pplies (which is what the "Ho	wever" says…))	Comment	Туре Е	Comment Status X		bucket_EZ
Suggestedl	Remedy					80.4 s	hould be an a	ctive cross reference.		
Change is optio		GMII is a	an optional interface." to "Phy	sical implemer	tation of the the CGMII	Suggested	IRemedy			
Proposed F		Э	Response Status W			Repla	ce 80.4 with a	n active cross reference		
	OSED RE					Proposed	Response	Response Status W		
			isting clauses, e.g., CL 140.1				OSED ACCEI ill be done by			

CI 30 SC 30).5.1.1.2	P 12	L11	# 122	C/ 45	SC 45	.2.1.27b.7	P 14	L 46	# 124
Huber, Thomas		Nokia			Huber, Th	nomas		Nokia		
100GBASE-T is Further, In the r set BRxx PHYs	s not included in 3 est of 30.5.1.1.2,	nent Status X 30.5.1.1.2 of 802.3-2 the PHYs are listed ed before 100GBAS	d alphabetically b	<i>bucket_EZ</i> amendments. y rate; as such, this	rathe 45.2.	new clause r than in 45 1.33.1 cond	s related to the .2.1.27b. Since cerns bit 5, 45.2	nment Status X new bits in table 45 the current set of s 2.1.33.2 concerns bi the existing subclau	ubclauses go fro t 4, etc.), for cons	m bit 5 to bit 0 (i.e., sistency, the new
SuggestedRemedy	ting instruction to	any "Incort the follo	wing types into t		Suggeste			0		
		ifter 50GBASE-SR:		he "APPROPRIATE	00		ng instruction t	to say "Insert new su	ubclauses 45.2.1.	.33.a to 45.2.1.33.f
Proposed Response PROPOSED AC See comment #	, CCEPT IN PRINC	nse Status W CIPLE.			45.2. 45.2. 45.2.	1.27b.7> 1.27b.8> 1.27b.9>	45.2.1.33.a 45.2.1.33.b 45.2.1.33.c > 45.2.1.33.d	ne subclause headin		
CI 45 SC 45	5.2.1.27b	P 14	L13	# 123			> 45.2.1.33.e			
Huber, Thomas		Nokia			45.2.	1.27b.12	> 45.2.1.33.f			
Comment Type	E Comn	nent Status D		bucket_EZ	Proposea	l Response	Resp	onse Status 🛛 🛛 🛛 🛛 🛛 🖉		
The clause num table number is		/PMD extended ab	ility 2 (register 1.	35) is 45.2.1.33. The		POSED AC	CEPT IN PRIN 144.	ICIPLE.		
SuggestedRemedy					C/ 45	SC 45	.2.1.28	P 15	L 44	# 125
				editing instruction to	Huber, Th	nomas		Nokia		
		-37 above the row f nd change the table			Comment	t Type	Corr	nment Status X		CL45_controlregist
Proposed Response	e Respo	nse Status W			The v	alues 101	1x need to be	indicated as reserve	ed	
PROPOSED AC See comment #	CCEPT IN PRINC	CIPLE.			Suggeste Insert		1 1 1 x = Rese	erved" above the line	e for BR40-U.	
					'	Response	1-	onse Status W		

Comment ID 125

Resolve using the response to comment #221.

C/ 157	SC 157	P 17	L1	# 126	C/ 157	SC '	157.6	P 24	L 50	# 128
Huber, Tho	omas	Nokia			Huber, The	omas		Nokia		
Comment	Туре Е	Comment Status D		bucket_EZ	Comment	Туре	т	Comment Status D		bucket
This cl	ause is missing o	editing instructions				hange to irectiona	•	clause 160 with 168 is not co	rrect; clauses 16	61 to 167 are unrelated
Suggested	lRemedy									
Add ar	n editing instructi	on at the top of the page:			Suggestee	dRemed	ly			
Add ar	n editing instructi	nd 157.1 as shown:" on below clause 157.2: "Cha		2.1 as shown"				of 160 with 168, and add Clau 8 through Clause 160, Clause		
Add ar Add ar Delete	n editing instructi n editing instructi e clauses 157.2.6	ough 157-5, as they are not l on: "Insert Table 157-6 below on: "Change clauses 157.2.2 and 157.2.7 since they are r	v Table 157-5." through 157.2.5 not being modifie	d.		,	ACCEPT	Response Status W IN PRINCIPLE.		
Add ar Proposed I	0	on: "Change clauses 157.3, <i>Response Status</i> W	157.4, and 157.6	as snown:	C/ 168	SC 1	168.5.9	P 32	L 21	# 129
•	OSED ACCEPT	•			Huber, Th	omas		Nokia		
	omment #102.	IN FRINCIFLE.			Comment	Туре	Е	Comment Status D		bucket_EZ
					The fi	rst sente	ence of th	is clause is a comma splice.		
C/ 157	SC 157.1.3	P 18	L 1	# 127	Suggested	Romod	hz			
Huber, Tho	omas	Nokia			00	-		th a semicolon, split into two	concrete contor	and for the LL and D
Comment	Туре Т	Comment Status D		bucket	•			ne PMD receive fault function	•	
The ar	chitecture is ess	entially the same for all rates	. Rather than inti	oducing figure 157-1a				the 100GBASE-BRx-D PMD.		
to intro		ate, it would be better to use			Proposed	Respon	se	Response Status W		

covers the architecture of all rates.

SuggestedRemedy

Take figure 157-1a as a starting point. Change "CGMII" to "XGMII, 25GMII, 50GMII, or CGMII". Change the PCS to "10GBASE-R, 25GBASE-R, 50GBASE-R, or 100GBASE-R PCS" (or maybe just "rGBASE-R PCS", referencing the nomenclature introducted in Table 157-1). Add note 1 to the FEC sublayer, saying "conditional for 10GBASE-BRx based on PHY type". At the bottom, list all the various PMDs, or use a generic "rGBASE-BRx" label. Replace the existing figure 157-1 with the figure described in this comment. Undo the modifications to the title of Figure 157-1. Delete new figure 157-1a and the reference to it in 157.1.2 (which is not shown as a change in the draft).

Proposed Response	Response Status	W
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PROPOSED ACCEPT IN PRINCIPLE. Implement suggested remedy with editorial license. PROPOSED ACCEPT IN PRINCIPLE. Change it to:

The 100GBASE-BRx-U PMD shall include the PMD receive fault function. In the 100GBASE-BRx-D PMD, the PMD receive fault function is optional.

C/ 168	SC 168.6	P 32	L 40	# 130	C/ Conte	nt SC	Contents	P 12	LO	# 133
Huber, Tho	omas	Nokia			Dawe, Pie	ers		Nvidia		
Comment	Туре Т	Comment Status D		interoperation	Comment	Туре	Е	Comment Status D		bucket_EZ
		ng BR40 working with BR20 o			Conte	ents is n	nissing			
		are met is helpful, but it seem erates with a BR10 PMD as lo			Suggestee	dReme	dy			
	PMD are met?				Add C	Contents	5			
Suggested	Remedy				Proposed	Respo	nse	Response Status W		
		re generic: "A longer reach Pl annel requirments of the shor				POSED ommen	ACCEPT. it #258.			
Proposed I	Response	Response Status W			C/ 1	SC	14	P 12	LO	# 134
	OSED ACCEPT				Dawe. Pie			Nvidia	_0	" 104
	teroperation betw le it as:	veen BR10 and BR40 doen't	work.		Comment		Е	Comment Status X		quick review
"The 1	00GBASE-BR40	PMD interoperates with the		0 PMD provided that		11		s are missing		quick review
the cha	annel meets the	requirements in Table 168-15	."		Suggested			a a la micenig		
CI 00	SC 0	P 0	LO	# 131	00		-	itions after 1.4.24 100BASE	-X and before 1	4 242 100CBASE_CR1
Dawe, Pier	ſS	Nvidia			Proposed			Response Status W		.4.244 10000702-0111
Comment		Comment Status X		bucket_EZ	'	,	ACCEPT.	Response Status W		
pdf me	etadata is at defa	ult				ommen				
Suggested	Remedy				C/ 30	SC	30.5.1.1.2	P12	L12	# 135
Popula	ate with correct d	ata			Dawe. Pie		50.5.1.1.2	Nvidia	L 1 Z	# 155
Proposed I	Response	Response Status W			Comment		Е	Comment Status X		bucket EZ
	OSED ACCEPT.							are in order of MAC rate - r	each - length th	—
See co	omment #53.				order	moort			cuoni iongai, a	
C/ FM	SC FM	P1	L 26	# 132	Suggestee	dReme	dy			
Dawe, Pier	rs	Nvidia						100GBASE-T" to "30.5.1.1. R and before 100GBASE-C		y IEEE Std 802.3ck-
Comment	Туре Е	Comment Status X		bucket_EZ	,					
Task F	orce review				Proposed	•		Response Status W		
					PROF	USED	ACCEPT.			
Suggested	Remedy									
Suggested Workir	<i>Remedy</i> ng Group ballot									
00	ng Group ballot	Response Status W								

-										
CI 30	SC 30.5.1.1.2	P 12	L16	# 136	C/ 30	SC 30.	5.1.1.2	P 12	L 23	# 139
Dawe, Piers		Nvidia			Dawe, Pier	rs		Nvidia		
<i>Comment Ty</i> So that t	,	Comment Status X	rial is inserted in	<i>bucket_EZ</i> the correct place	<i>Comment</i> Three			Comment Status X		bucket_EZ
SuggestedRe Please s	•	fore and one after the new	material		Suggested Should	<i>IRemedy</i> I not be un	derlined			
Proposed Re PROPOS Editor's r	, SED ACCEPT.	Response Status W			Proposed PROP	Response OSED AC	CEPT.	Response Status W		
		ASE-SR 50GBASE-R PCS/	PMA over multin	node fiber PMD as	C/ 45	SC 45.	2.1.7.4	P13	L 20	# 140
	l in Clause 138 after is: 100GBA	ASE-CR2 100GBASE-R PC	S/PMA over 2 la	ne shielded copper	Dawe, Pier	ſS		Nvidia		
		specified in Clause 136.			Comment	Туре Е		Comment Status D		bucket_EZ
C/ 30	SC 30.5.1.1.2	P 12	L18	# 137	So tha	t the review	wers car	n confirm that the new mate	erial is inserted ir	the correct place
Dawe. Piers		Nvidia			Suggestea	lRemedy				
Comment Ty	vpe T	Comment Status X		quick review	Please	e show one	e row bet	fore and one after the new	material	
50GBAS		lescribe these MAU types "I GBASE-T are not described				Response OSED RE omment #2		Response Status W		
SuggestedRe	emedy				C/ 45	SC 45.	2475	P13	L38	# 141
Either ch these on		ption of many MAUs (via ma	aintenance?) or o	don't use the word for	Dawe, Pier		2.1.7.3	P 13 Nvidia	230	# [141
Proposed Re	esponse	Response Status W			Comment		-	Comment Status D		bucket_EZ
	SED ACCEPT IN				So tha	t the review	wers car	n confirm that the new mate	erial is inserted ir	the correct place
Follow th	ne description of	50GBASE-BRx.			Suggestea					
C/ 30	SC 30.5.1.1.2	P 12	L 23	# 138	Please	show one	e row bet	fore and one after the new	material	
Dawe, Piers		Nvidia			Proposed	•		Response Status W		
Comment Ty Trailing t		Comment Status D		bucket_EZ		OSED RE omment #2				
SuggestedRe	emedy									
Remove	. It looks like the	ere are five in this page								
Proposed Re PROPOS	esponse SED ACCEPT.	Response Status W								

C/ 45	SC 45.2.1.8.1	P 13	L 48	# 142	CI 45	SC 45.2.1.27	'b P14	L 39	# 145
Dawe, Piers	6	Nvidia			Dawe, Pie	ers	Nvidia		
<i>Comment T</i> Table 4		Comment Status D .2.1.8 not 45.2.1.8.1		bucket_EZ	<i>Comment</i> So the		Comment Status D an confirm that the new mate	erial is inserted ir	<i>bucket_Ez</i> n the correct place
S <i>uggestedF</i> Delete '		transmit disable 14 (1.9.15)'			Suggeste Pleas	•	after the new material		
Proposed R PROPC	Response DSED ACCEPT.	Response Status W			PROF	<i>Response</i> POSED REJECT. v the format of da			
CI 45	SC 45.2.1.8	P14	L 5	# 143	CI 45	SC 45.2.1.28	P 15	L31	# 146
Dawe, Piers		Nvidia			Dawe, Pie	ers	Nvidia		
Comment T		Comment Status D		bucket_EZ	Comment		Comment Status X		guick review
So that	the reviewers ca	n confirm that the new mate	rial is inserted in	the correct place			E-BR PMA/PMD types in 1.2	9 with POX rathe	,
SuggestedF	Remedy					ASE-BR and 100			
Please	show one row be	fore and one after the new r	material		Suggeste	dRemedy			
	<i>Response</i> DSED REJECT. mment #226.	Response Status W			Chan anywa 45.2. ² regist	ge from 45.2.1.28 ay, the table is for 1.6 PMA/PMD cor er bit definitions,	010P/2B PMA/PMD control r 1.29) Table 45-30, PMA/PM ntrol 2 register (Register 1.7) values 1 1 1 1 x x x.	D control 3 regis Table 45-7, PM	ster bit definitions, to A/PMD control 2
C/ 45	SC 45.2.1.27b	P 14	L13	# 144		, ,	ng bit 7 into use so there is a	idequate space l	here.
Dawe, Piers	6	Nvidia			•	Response	Response Status W		
SuggestedF Change Proposed R PROPC	subclause numbe Remedy 45.2.1.27b to 45 Response DSED ACCEPT II	5.2.1.33 and move this and i Response Status W			Imple Table 6 5 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	45-7: 3 2 1 0 1 1 1 1 = 100GBA 1 1 0 = 100GBA 1 1 0 1 = 100GBA 1 0 0 = 100GBA 1 0 1 1 = 100GBA	IN PRINCIPLE. remedy with editorial license. ASE-BR40-U PMA/PMD ASE-BR40-D PMA/PMD ASE-BR20-U PMA/PMD ASE-BR10-U PMA/PMD ASE-BR10-U PMA/PMD		
					111	1 0 0 1 = reserve			

CI 45	SC 45.2.1.28	P 15	L 37	# 147	C/ 45	SC 45.2.1.28	B P 15	L 51	# 150
Dawe, Piers	S	Nvidia			Dawe, Pie	rs	Nvidia		
Comment 7 45.2.1.	51	Comment Status D PMD control register (Regist	er 1.30)	quick review	<i>Comment</i> There	<i>Type</i> E is no following r	Comment Status D		bucket_E
Suggestedi Should comme	have been 45.2.	1.27 PMA/PMD control 3 reg	gister (Register	1.29) - but see another	Suggested Remo	<i>Remedy</i> ve the row with t	hree dots		
Proposed F PROPO		Response Status W N PRINCIPLE.				Response POSED REJECT / the format of da			
C/ 45	SC 45.2.1.28	P 15	L 44	# 148	C/ 80	SC 80.1	P16	L 2	# 151
Dawe, Piers	S	Nvidia			Dawe, Pie		Nvidia		
Comment 7		Comment Status X		CL45_controlregister	<i>Comment</i> 80.1 (a	51	Comment Status D ck) needs additions		quick reviev
Suggestedl	Remedy	rved - but see another comm	vont		Suggested Per co	<i>Remedy</i> omment			
			ICIII		Proposed	Response	Response Status W		
	OSED ACCEPT.	Response Status W			Add d h) The	escription in Cla MDIs as specifi	ed in:		
Cl 45 Dawe, Piers Comment 7	Гуре Е	P 15 Nvidia Comment Status D	L51	# 149 bucket_EZ	— Cla — Cla — Cla	use 89 for 40GE use 140 for 100 use 154 for 100 use 168 for 100 single lane data	GBASE-DR, 100GBASE-FR1 GBASE-ZR GBASE-BRx	, and 100GBASE	E-LR1
So that Suggested		an confirm that the new mate	nal is inserted	in the correct place	50G B	iDi is missing fro	om Clause 131.1, maintenanc	e request?	
		w after the new material			CI 80	SC 80.1.3	P 16	L 2	# 152
Proposed F	Response	Response Status W			Dawe, Pie	rs	Nvidia		
	DSED REJECT. the format of da,	dj.			Comment 80.1.3		Comment Status D 3ck) needs additions		quick review
					Suggested Per co	<i>IRemedy</i> omment			
						Response POSED ACCEPT omment #151.	Response Status W IN PRINCIPLE.		

CI 80	SC 80.2.3	P 16	L 2	# 153	C/ 80	SC 80.2.5	P16	L 2	# 155
)awe, Pier	S	Nvidia			Dawe, Piers	3	Nvidia		
and Table 8	80-1, 40 Gb/s ar	Comment Status D nd 100 Gb/s PHYs ture and clause correlation (10	0GBASE-P optic	bucket	and Table 8	0-8, Summary	Comment Status D of Skew constraints of Skew Variation constraints		bucke
Suggested	Remedy				Suggestedl	Remedy			
Per co	mment				Per cor	nment			
	Response OSED REJECT lated contents ir SC 80.2.5		L2	# 154	Add Cla	OSED ACCEP ause 168.3.2 to 0-9 should ren	Response Status W T IN PRINCIPLE. 5 Table 80-8. nain unchanged because Skew	v variation has n	o meaning for single
Dawe, Pier		Nvidia	L Z	# 134			D40		# 450
Comment [·]	Туре Е	Comment Status D		bucket	C/ 80	SC 80.4	P 16	L 6	# 156
80.2.3	(as modified by	3ck) and 80.2.5 need addition	s		Dawe, Piers		Nvidia		
Suggested		,			Comment 7 This tal	51	Comment Status D by MAC rate - reach - length, so	o these rows dor	<i>bucket_Ez</i> o't go at the end
Per co	mment				Suggested			5 11000 1000 001	rt go at the ond
Add 10	OSED ACCEPT)0GBASE-BRx ii	n Clause 80.2.3 and 80.2.5 as	:		Change 80-7 (a	e "Insert three	new rows at the end of Table 8 EEE Std 802.3db-2022) betwe)"		
		orrection (FEC) sublayers ion sublayer is optional for 400		CRASE CR4 and	Proposed F	Response	Response Status W		
	ASE-CR10	ion sublayer is optional for 40	3DA3E-KK4, 40	GDAGE-GR4, allu			T IN PRINCIPLE. ed remedy with editorial license	e.	
PHYs		or 100GBASE-CR2, 100GBA	SE-CR4, 100GB	ASE-KR2, 100GBASE-	Implem	ented suggest	ed remedy with editorial license		
PHYs a KR4,	and mandatory f		·		Cl 80	SC 80.4	P16	L12	# 157
PHYs a KR4, 100GB	and mandatory f BASE-KP4, 1000	or 100GBASE-CR2, 100GBAS BASE-SR2, 100GBASE-SR4 BASE-ZR, and 100GBASE-B	, 100GBASE-DF		· · · · · · · · · · · · · · · · · · ·	SC 80.4		L12	# [157
PHYs KR4, 100GB 100GB	and mandatory f BASE-KP4, 1000 BASE-LR1, 1000	BASE-SR2, 100GBASE-SR4 BASE-ZR, and 100GBASE-B	, 100GBASE-DF		CI 80	SC 80.4	P16	L12	
PHYs : KR4, 100GB 100GB 80.2.5 The 40	and mandatory f BASE-KP4, 100C BASE-LR1, 100C Physical Mediur DGBASE-R, 1000	BASE-SR2, 100GBASE-SR4	, 100GBASE-DF Rx PHYs.	8, 100GBASE-FR1,	C/ 80 Dawe, Piers Comment 1	SC 80.4 S	P 16 Nvidia		bucket
PHYs a KR4, 100GB 100GB 80.2.5 The 40 corres	and mandatory f BASE-KP4, 100C BASE-LR1, 100C Physical Mediur DGBASE-R, 1000 ponding media	BASE-SR2, 100GBASE-SR4 BASE-ZR, and 100GBASE-B n Dependent (PMD) sublayer GBASE-R, 100GBASE-P, and	, 100GBASE-DF Rx PHYs. 100GBASE-Z P	8, 100GBASE-FR1, MDs and their	CI 80 Dawe, Piers Comment 1 So that	SC 80.4 S S Type E the reviewers	P 16 Nvidia Comment Status D		bucket
PHYs a KR4, 100GE 100GE 80.2.5 The 40 corresp are spo	and mandatory f BASE-KP4, 100C BASE-LR1, 100C Physical Mediur DGBASE-R, 1000 ponding media	BASE-SR2, 100GBASE-SR4 BASE-ZR, and 100GBASE-B n Dependent (PMD) sublayer	, 100GBASE-DF Rx PHYs. 100GBASE-Z P	8, 100GBASE-FR1, MDs and their	C/ 80 Dawe, Piers Comment 7 So that Suggested	SC 80.4 S Type E the reviewers Remedy	P 16 Nvidia Comment Status D	rial is inserted in	bucket

C/ 80	SC 80.4	D40	1.40	# 450		00.04		D40	1.00	# 404	
		P16	L13	# 158	C/ 91	SC 91.	5.2.1	P16	L 22	# 161	
Dawe, Piers		Nvidia		hughet 57	Dawe, Pie		-	Nvidia			
Comment T To mate	<i>Type</i> E ch the existing e	Comment Status D		bucket_EZ	<i>Comment</i> Missin	<i>Type</i> E ng material		Comment Status D			FEC
Suggested	Remedy				Suggested	dRemedy					
Insert "	Includes 2 m of	fiber." 3 times						3.3, 91.5.3.3.1, 91.6.3, 91.7.3	, 91.7.4.1, 91.7.	4.2 (as modified	by
Proposed R	Response	Response Status W			,		••••	ate changes			
	DSED ACCEPT mment #101.	IN PRINCIPLE.			, PROP	Response POSED AC omment #6	CEPT	Response Status W IN PRINCIPLE.			
CI 80	SC 80.4	P 16	L17	# 159							
Dawe, Piers	S	Nvidia			C/ 135	SC 135	5.5.7	P 16	L 30	# 162	
Comment T	Гуре Е	Comment Status D		bucket_EZ	Dawe, Pie	ers		Nvidia			
	a long table and uential change.	d this amendment makes it lor	nger, so it should	make the	Comment Shoule			Comment Status D owed as an option?			bucket
Suggested	Remedy				Suggested	dRemedy					
Split the	e table into two,	one for 40G and one for 100	G.					oding (135.5.7) as an option.	This could be	controlled by the	
Proposed R	Response	Response Status W					r accore	ding to experience.			
	DSED ACCEPT editor will do.	IN PRINCIPLE.				, POSED RE.		Response Status W			
C/ 80	SC 80.7	P 16	L 20	# 160					1.01	"	
Dawe, Piers	S	Nvidia			C/ 157	SC 157	7.1.4	P 22	L 31	# 163	
Comment T	Гуре Е	Comment Status D		consistency_cp	Dawe, Pie			Nvidia			
Needs	to mention the r	new PMD clause. Insert:			Comment	Type E 00GAUI-1 (-	Comment Status X			AUI
Suggested	Remedy						020 ai				
80.7 Pr	otocol impleme	raph of 80.7 as follows: ntation conformance stateme			Suggested Add 1		after 1	35G (2-lane PMA) and before	e 168 (PMD). C	ptional.	
		raph of 80.7 (as modified by II			Proposed	Response		Response Status W			
Std 802 through Clause demons	2.3, Clause 45, 1 Clause 95, Cla 154, Clause	col implementation that is clai Clause 73, Clause 74, Clause ause 135 through Clause 138, 157,_ Clause 161 through Cla nce by completing a protocol i	e 81 through Clau , Clause 140, Cla use 163, and rel	ise 89, Clause 91 use 152 through ated annexes ,		POSED AC omment #2		D IN PRINCIPLE.			
Proposed R	Response	Response Status W									
	DSED REJECT. ated PICS claus										

C/ 157	SC 157.2.4	P 23	L 20	# 164	C/ 157 SC 157.6	P 24	L 50	# 167
Dawe, Pier	s	Nvidia			Dawe, Piers	Nvidia		
Comment T		Comment Status D		bucket_EZ	Comment Type E	Comment Status D	160 and related	bucket
	n independent				,	158 through Clause 160Clause	168, and related	annexes demonstrates
Suggested	-				SuggestedRemedy	158 Xthrough Clause 160X , Cl		160 or Clause
	n-independent					nnexes demonstrates	ause 159, Clause	e 100, of _Clause
Proposed F	SED ACCEPT.	Response Status W			[inserting a comma]			
FROF	USED ACCEPT.				Proposed Response	Response Status W		
C/ 157	SC 157.4	P 24	L 22	# 165	PROPOSED ACCER Change the descript			
Dawe, Pier	s	Nvidia				19, Clause 73, Clause 74, Claus	e 106 through Cla	ause 112, Clause 114,
Comment T	Туре Т	Comment Status D		bucket	Clause 158 through	Clause 160, Clause 168, and re	lated annexes.	
	that the normativ ment for clarity.	ve delay specs are in 168.3, a	nd what is in 80.	4 is sort of a	C/ 168 SC 168.1	P 26	L 34	# 168
Suggested	,				Dawe, Piers	Nvidia		
	-	168.3 (and see 80.4)"			Comment Type T	Comment Status D		new
Proposed F		Response Status W			For these relatively I	long links, FEC latency is not an	issue but robust	ness may be
,		,			SuggestedRemedy			
		specifications are the same.				lause 161 RS-FEC-Int (with 91.0	6.7a 100G_RS_F	EC_enable):
C/ 157	SC 157.4	P 24	L 24	# 166	152—Inverse RS-FE 161—RS-FEC-Int O			
Dawe, Pier		Nvidia			b Inverse RS-FEC is	s required to convert between R	S-FEC and RS-F	EC-Int (see 152.1.2).
Comment 1		Comment Status D		bucket	Proposed Response	Response Status W		
	and Skew Variati	on is missing			For group discussion	n		
Suggested	Remedv	-				II.		
	-	.3.2, and refer to 80.5			C/ 168 SC 168.1	P 26	L 48	# 169
Proposed I	Response	Response Status W			Dawe, Piers	Nvidia		
PROP	, OSED REJECT. loen't apply to si				Comment Type T Add 100GAUI-1 C20	Comment Status D C and C2M		AUI
					SuggestedRemedy Insert 120F and 120	G below 135G. Optional.		
					Proposed Response	Response Status W		
					PROPOSED ACCE	,		

C/ 168 SC 168.1	P 27	L 3	# 170	CI 168 SC 168.1 P27 L:	36 # 173
Dawe, Piers	Nvidia			Dawe, Piers Nvidia	
Comment Type E Add reference to 157	Comment Status D		consistency_cp	Comment Type E Comment Status D Blank line?	bucket_EZ
SuggestedRemedy Per comment				SuggestedRemedy Remove?	
Proposed Response PROPOSED REJECT. Keep consistent with oth	Response Status W er BiDi clauses, e.g., CL 160			Proposed Response Response Status W PROPOSED ACCEPT.	
C/ 168 SC 168.1	P27	L 9	# 171	C/ 168 SC 168.5.1 P30 L3	39 # 174
Dawe. Piers	Nvidia	LJ	π 171	Dawe, Piers Nvidia	
Comment Type E	Comment Status D		consistency_CL140	Comment Type E Comment Status D	bucket_EZ
In 157, this figure include SuggestedRemedy Do the same here? Proposed Response	es OAM (OPTIONAL) Response Status W			This says "TP1 and TP4 (these test points are not typicall implemented system)" but this is outdated. Clause 167 (100 not be accessible". Linear optical modules are feasible at 10 Grammar: "are not typically be" SuggestedRemedy Change "are not typically be" to "might not be"	G/lane VR and SR says "might
PROPOSED REJECT. Keep consistent with exist	sting clauses 140 and 160.			Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE.	
C/ 168 SC 168.1	P 27	L 28	# 172	See comment #216.	
Dawe, Piers Comment Type E	Nvidia Comment Status D		bucket_EZ	C/ 168 SC 168.5.4 P 31 L2 Dawe, Piers Nvidia	23 # 175
Layout S <i>uggestedRemedy</i> Left justify				Comment Type T Comment Status D inter-sublayer service interface primitives defined in 131.3.	bucket_EZ
Lott Juotify				SuggestedRemedy	
Proposed Response PROPOSED ACCEPT IN	Response Status W N PRINCIPLE.			inter-sublayer service interface primitives defined in 80.3. Proposed Response Response Status W	

C/ 168	SC 168.5.4	P 31	L 25	# 176	C/ 168	SC 168.6.1	P33	L 39	# 179
Dawe, Pier	ſS	Nvidia			Dawe, Piers	;	Nvidia		
Comment 7	Туре Т	Comment Status D		consistency_CL140	Comment T	ype E	Comment Status D		bucket_E2
		es have "global" in their nam			Use the	emerging stan	dard order for these paramet	ters (see Clause	151)
manag indicat	jed the same as i or of the presenc	multilane PHYs, saying that \$ e of the optical signal isn't re	SIGNAL_DETEC	CT is a *global*	Suggested	Remedy			
Suggested			San y rigita				power of OFF transmitter (ma	ax)	
	"global" here an	d in PICS F10					nsition time (max)		
Proposed F	0	Response Status W			Proposed R	,	Response Status W		
,	OSED REJECT.				PROPC	SED ACCEPT			
	consistent with cla	ause 140.			C/ 168	SC 168.6.1	P 33	L 46	# 180
C/ 168	SC 168.5.4	P 31	L 31	# 177	Dawe, Piers	;	Nvidia		
Dawe, Pier	rs	Nvidia			Comment T	ype T	Comment Status D		bucket_E2
comment		Comment Status D		bucket EZ			testing some transmitters for		
		ot agree with the published 1	60.5 and similar	sections in other			The cost in paperwork ma	ay outweigh any o	difference in yield.
	a auch an 140 an	d 167 "Must" is depresented			Suggested	Remedy			
clauses	s such as 140 an	nd 167. "Must" is deprecated.			a				
		id 167. Must is deprecated.					6 to 15 here and in Table 168	8-11 (simplifying	and being
Suggested Chang	<i>Remedy</i> e "an unavoidabl	e consequence" to "a conse	quence". Chang		conser\ Then R	vative). INxOMA can be	ecome RIN15OMA.		-
Suggested Chang Make a	<i>Remedy</i> e "an unavoidabl any other change	e consequence" to "a conse es to align with the published	quence". Chang		conserv Then R If it is th	vative). INxOMA can be ought worthwh	ecome RIN15OMA. ile, the discrete reflectances t	for 100GBASE-E	BR10 in Table 168-14
Suggested Chang Make a Proposed F	Remedy le "an unavoidabl any other change Response	e consequence" to "a conse to align with the published Response Status W	quence". Chang		conserv Then R If it is th	vative). INxOMA can be ought worthwh channel optica	ecome RIN15OMA.	for 100GBASE-E	BR10 in Table 168-14
Suggested Chang Make a Proposed F	<i>Remedy</i> e "an unavoidabl any other change	e consequence" to "a conse to align with the published Response Status W	quence". Chang		conserv Then R If it is th and the that 0.6	vative). INxOMA can be lought worthwh channel optica dB.	ecome RIN15OMA. le, the discrete reflectances t l return loss in Table 168-12	for 100GBASE-E	BR10 in Table 168-14
Suggested Chang Make a Proposed F PROP(Remedy le "an unavoidabl any other change Response	e consequence" to "a conse to align with the published Response Status W	quence". Chang		conserv Then R If it is th and the that 0.6 Proposed R	vative). INxOMA can be lought worthwh channel optica dB.	ecome RIN15OMA. ile, the discrete reflectances t I return loss in Table 168-12 <i>Response Status</i> W	for 100GBASE-E	BR10 in Table 168-14
Suggested Chang Make a Proposed F PROPO	Remedy e "an unavoidabl any other change Response OSED ACCEPT. SC 168.6.1	le consequence" to "a conse es to align with the published <i>Response Status</i> W	quence". Chang 802.3 as approp	oriate.	conserv Then R If it is th and the that 0.6 <i>Proposed R</i> PROPC	rative). INxOMA can be ought worthwh channel optica dB. <i>eesponse</i> DSED REJECT.	ecome RIN15OMA. ile, the discrete reflectances t I return loss in Table 168-12 <i>Response Status</i> W	for 100GBASE-E could be made s	BR10 in Table 168-14
Suggested Chang Make a Proposed F PROPO	Remedy le "an unavoidabl any other change Response OSED ACCEPT. SC 168.6.1 rs	e consequence" to "a conse s to align with the published <i>Response Status</i> W <i>P</i> 33	quence". Chang 802.3 as approp	oriate.	conserv Then R If it is th and the that 0.6 <i>Proposed R</i> PROPC	rative). INxOMA can be ought worthwh channel optica dB. <i>cesponse</i> DSED REJECT.	ecome RIN15OMA. ile, the discrete reflectances t I return loss in Table 168-12 <i>Response Status</i> W	for 100GBASE-E could be made s	BR10 in Table 168-14
Cuggested Chang Make a Proposed F PROP 7 168 Dawe, Pier Comment 7 For imp	Remedy le "an unavoidabl any other change Response OSED ACCEPT. SC 168.6.1 rs Type E proved readabilit	e consequence" to "a conse es to align with the published <i>Response Status</i> W <i>P</i> 33 Nvidia	quence". Chang 802.3 as approp <i>L</i> 19	# <u>178</u> <i>bucket_EZ</i>	conserv Then R If it is th and the that 0.6 Proposed R PROPC Small d	rative). INxOMA can be ought worthwh channel optica dB. <i>Pesponse</i> DSED REJECT. ifference exists SC 168.6.1	ecome RIN15OMA. lle, the discrete reflectances t I return loss in Table 168-12 <i>Response Status</i> W in other clauses, such as cla	for 100GBASE-E could be made s ause 140.	BR10 in Table 168-14 Slightly worse, to spend
Suggested Chang Make a Proposed F PROPO CI 168 Dawe, Pier Comment 7 For imp 3 (6) P	Remedy le "an unavoidabl any other change Response OSED ACCEPT. SC 168.6.1 rs Type E proved readabilit MDs	e consequence" to "a conse es to align with the published <i>Response Status</i> W <i>P</i> 33 Nvidia <i>Comment Status</i> D	quence". Chang 802.3 as approp <i>L</i> 19	# <u>178</u> <i>bucket_EZ</i>	conserv Then R If it is th and the that 0.6 Proposed R PROPC Small d	rative). INxOMA can be ought worthwh channel optica dB. DSED REJECT. ifference exists SC 168.6.1	ecome RIN15OMA. ile, the discrete reflectances f I return loss in Table 168-12 <i>Response Status</i> W in other clauses, such as cla <i>P</i> 33	for 100GBASE-E could be made s ause 140.	BR10 in Table 168-14 Slightly worse, to spend
Suggested Chang Make a Proposed F PROPO C/ 168 Dawe, Pier Comment T For imp 3 (6) P Suggested	Remedy e "an unavoidabl any other change Response OSED ACCEPT. SC 168.6.1 's Type E proved readabilit 'MDs IRemedy	e consequence" to "a conse es to align with the published <i>Response Status</i> W <i>P</i> 33 <i>Nvidia</i> <i>Comment Status</i> D y, where the parameter limits	quence". Chang 802.3 as approp <i>L</i> 19 s seem likely to r	# <u>178</u> <i>bucket_EZ</i>	conserv Then R If it is th and the that 0.6 Proposed R PROPC Small d C/ 168 Dawe, Piers Comment 7 A comp	rative). INxOMA can be ought worthwh channel optica dB. DSED REJECT. ifference exists SC 168.6.1 Sype T arison with Cla	ecome RIN15OMA. ile, the discrete reflectances f I return loss in Table 168-12 <i>Response Status</i> W in other clauses, such as cla <i>P</i> 33 Nvidia <i>Comment Status</i> X use 139 (50GBASE-FR LR E	for 100GBASE-E could be made s ause 140. <i>L</i> 51	BR10 in Table 168-14 Slightly worse, to spend # <u>181</u> bucket_E
Suggested, Chang Make a Proposed F PROPO 27 168 Dawe, Pier Comment 7 For imp 3 (6) P Suggested, As for i	Remedy le "an unavoidabl any other change Response OSED ACCEPT. SC 168.6.1 rs Type E proved readabilit MDs Remedy the first four rows	le consequence" to "a conser es to align with the published <i>Response Status</i> W <i>P</i> 33 <i>Nvidia</i> <i>Comment Status</i> D y, where the parameter limits s, merge and straddle the trip	quence". Chang 802.3 as approp <i>L</i> 19 s seem likely to r	# <u>178</u> <i>bucket_EZ</i>	conserv Then R If it is th and the that 0.6 Proposed R PROPC Small d C/ 168 Dawe, Piers Comment 7 A comp	rative). INxOMA can be ought worthwh channel optica dB. SED REJECT. SED REJECT. ifference exists SC 168.6.1 sype T	ecome RIN15OMA. ile, the discrete reflectances f I return loss in Table 168-12 <i>Response Status</i> W in other clauses, such as cla <i>P</i> 33 Nvidia <i>Comment Status</i> X use 139 (50GBASE-FR LR E	for 100GBASE-E could be made s ause 140. <i>L</i> 51	BR10 in Table 168-14 Slightly worse, to spend # <u>181</u> bucket_E
Suggested, Chang, Make a Proposed F PROPO C 168 Dawe, Pier Comment T For im; 3 (6) P Suggested, As for i Side-m	Remedy le "an unavoidabl any other change Response OSED ACCEPT. SC 168.6.1 rs Type E proved readabilit MDs Remedy the first four rows	le consequence" to "a conser es to align with the published <i>Response Status</i> W <i>P</i> 33 <i>Nvidia</i> <i>Comment Status</i> D y, where the parameter limits s, merge and straddle the trip ratio (SMSR), (min)	quence". Chang 802.3 as approp <i>L</i> 19 s seem likely to r	# <u>178</u> <i>bucket_EZ</i>	conserv Then R If it is th and the that 0.6 Proposed R PROPC Small d C/ 168 Dawe, Piers Comment 7 A comp	rative). INxOMA can be ought worthwh channel optica dB. SED REJECT. ifference exists SC 168.6.1 Sype T arison with Cla ent doesn't see	ecome RIN15OMA. ile, the discrete reflectances f I return loss in Table 168-12 <i>Response Status</i> W in other clauses, such as cla <i>P</i> 33 Nvidia <i>Comment Status</i> X use 139 (50GBASE-FR LR E	for 100GBASE-E could be made s ause 140. <i>L</i> 51	BR10 in Table 168-14 Slightly worse, to spend # <u>181</u> bucket_E2
Suggested Chang Make a Proposed I PROPO CI 168 Dawe, Pier Comment 7 For imp 3 (6) P Suggested As for 1 Side-m Transn RINxO	Remedy le "an unavoidabl any other change Response OSED ACCEPT. SC 168.6.1 rs Type E proved readabilit 'MDs IRemedy the first four rows tode suppressior	e consequence" to "a conserves to align with the published <i>Response Status</i> W <i>P</i> 33 <i>Nvidia</i> <i>Comment Status</i> D y, where the parameter limits s, merge and straddle the trip n ratio (SMSR), (min) me (max)	quence". Chang 802.3 as approp <i>L</i> 19 s seem likely to r	# <u>178</u> <i>bucket_EZ</i>	conserv Then R If it is the and the that 0.6 Proposed R PROPC Small d Cl 168 Dawe, Piers Comment T A comp consister Suggested Delete	rative). INxOMA can be ought worthwh channel optica dB. SED REJECT. ifference exists SC 168.6.1 Sype T arison with Cla ent doesn't see Remedy the sentence "E	ecome RIN15OMA. ile, the discrete reflectances f I return loss in Table 168-12 <i>Response Status</i> W in other clauses, such as cla <i>P</i> 33 Nvidia <i>Comment Status</i> X use 139 (50GBASE-FR LR E	for 100GBASE-E could be made s ause 140. <i>L</i> 51 ER) doesn't seem	BR10 in Table 168-14 slightly worse, to spend # <u>181</u> <i>bucket_E2</i> n relevant; saying this is
Suggested Chang Make a Proposed I PROPO CI 168 Dawe, Pier Comment 7 For imp 3 (6) P Suggested As for 1 Side-m Transn RINxO	Remedy le "an unavoidabl any other change Response OSED ACCEPT. SC 168.6.1 rs Type E proved readability MDs (Remedy the first four rows node suppression nitter transition tim MA (max) nitter reflectance	e consequence" to "a conserves to align with the published <i>Response Status</i> W <i>P</i> 33 <i>Nvidia</i> <i>Comment Status</i> D y, where the parameter limits s, merge and straddle the trip n ratio (SMSR), (min) me (max)	quence". Chang 802.3 as approp <i>L</i> 19 s seem likely to r	# <u>178</u> <i>bucket_EZ</i>	conserv Then R If it is the and the that 0.6 Proposed R PROPC Small d Cl 168 Dawe, Piers Comment T A comp consister Suggested Delete	rative). INxOMA can be ought worthwh channel optica dB. SED REJECT. ifference exists SC 168.6.1 Sype T arison with Cla ent doesn't see Remedy the sentence "E t from that in Cla	ecome RIN15OMA. Ile, the discrete reflectances to I return loss in Table 168-12 <i>Response Status</i> W in other clauses, such as cla <i>P</i> 33 Nvidia <i>Comment Status</i> X use 139 (50GBASE-FR LR E m correct.	for 100GBASE-E could be made s ause 140. <i>L</i> 51 ER) doesn't seem	BR10 in Table 168-14 slightly worse, to spend # <u>181</u> <i>bucket_E2</i> n relevant; saying this is

C/ 168	SC 168.6.1	P 34	L 1	# 182	C/ 168	SC 168.7.4	P37	L 2	# 185
awe, Pier	s	Nvidia			Dawe, Pier	S	Nvidia		
Comment In equ		Comment Status D and abbreviations of words s	hould be uprigh	<i>bucket_EZ</i> t not italic	Comment T Blank I	51	Comment Status D		bucket_E
Suggesteo Chang	<i>Remedy</i> e max to upright,	three times			Suggested Remov	<i>Remedy</i> e. Set the figur	e to float.		
, PROP Follow	Response OSED ACCEPT I the style manual					, DSED ACCEPT			
· · ·		emedy with editorial license.			C/ 168 Dawe, Pier	SC 168.7.5.	l P 38 Nvidia	L 5	# 186
C/ 168	SC 168.6.3	P35	L14	# 183	Comment 7		Comment Status X		consistency_
Dawe, Pier	Туре т	Nvidia Comment Status D		consistency_CL140	This lo	ng sentence wit	h two clauses is hard to unc 3.10 and 151.8.1 it has beer		places such as
	•	ht for the wavelengths conce	rned: see comr	nent against 168.9	Suggested	Remedy			
Suggested		1) - h	0.4)		Change	e "GHz and at f	requencies" to "GHz. At freq	uencies", here an	nd in 168.7.10.
-		.1); change 10.6 to 10.3 (or 1	0.4)		Proposed F	Response	Response Status W		
PROP	Response OSED REJECT.	Response Status W	1 C				IN PRINCIPLE. se to comment #74.		
C/ 168	SC 168.7.1	P36	L7	# 184	C/ 168	SC 168.7.5.	B P38	L 53	# 187
)awe, Pier		⊢ 36 Nvidia	L I	# 104	Dawe, Pier	S	Nvidia		
Comment		Comment Status D		bucket_EZ	Comment	51	Comment Status D		consistency_
Sidn	туре Е			Ducket_LZ	More e	xceptions			
Suggestea	Remedy				Suggested	-			
Side	Remedy						ne test pattern generator is a DECQ in Table 168–10.	as given in Table	168-6 and uses a test
Proposed PROP	Response OSED ACCEPT.	Response Status W			There a betwee [Stated]	are no interferin en test pattern o l above — The d	g optical lanes and therefor n one lane and any other lan combination of the O/E conv ately 26.5625 GHz with a fo	ne, as specified in rerter and the osc	n 121.8.5.1, is redundan illoscope has a 3 dB
					not exc order E	ceed –20 dB. Co Bessel-Thomsor	GHz. At frequencies above of ompensation may be made to response.] power density spectrum, N(1	or any deviation f	rom an ideal fourth-
					white n		a fourth-order Bessel-Thom		
					Proposed F	Response	Response Status W		
							IN PRINCIPLE. se to comment #74.		
	technical require	d FR/editorial required GR/c	eneral required	I T/technical E/editorial G/g	eneral		Com	ment ID 187	Page 37 of 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/ 168	SC 168.7.5.4	P 39	L19	# 188	C/ 168	SC 168.7.11	P 40	L 53	# 191
Dawe, Pier	S	Nvidia			Dawe, Piers	6	Nvidia		
trouble it catch	al that needed a n some for the rece	Comment Status D nain tap at 0.8 would be unh siver. The over/under-shoot ening this limit will make no it will be helpful.	spec may catch	many such signals. If	these d	tice, RIN is not m lays, but with the re). This has the	Comment Status D neasured with the optical pous scope method described in advantage that RIN can be	P802.3dj 180.9.	11 (and T&M vendor's
Suggested	Remedy				Suggested	Remedy			
Chang Proposed I	e 0.8 to 0.85 Response	Response Status W				1, adjusting for t	of P802.3dj, replace the cor he optical return loss(es) an		
	OSED REJECT.						e "Square wave" to "4 or 6".		
	ollowing clause 14 omment #74.	40.			Proposed F PROPO	Response DSED ACCEPT	Response Status W N PRINCIPLE.		
C/ 168	SC 168.7.7	P 39	L 33	# 189	See co	mment #94.			
Dawe, Pier	Туре Е	Nvidia Comment Status D		bucket_EZ	C/ 168 Dawe, Piers	SC 168.7.12	P 41 Nvidia	L 8	# 192
Suggested	•	or this in the table			<i>Comment 1</i> This fig	51	Comment Status D grey and unclear		ref_receive
Proposed I		Response Status W			Use bla		per way so it appears as a "v	vector graphic" ir	n the pdf;
C/ 168	SC 168.7.10	P 40	L 36	# 190	Proposed F	Response	Response Status W		
Dawe, Pier		Nvidia Comment Status D		bucket_EZ		DSED ACCEPT mment #111.	N PRINCIPLE.		
There	is only one limit fo	or this in the table			C/ 168	SC 168.7.12	P41	L 9	# 193
Suggested Chang	<i>Remedy</i> e limits to limit				Dawe, Piers Comment 7		Nvidia Comment Status D		ref receive
Proposed I	Response OSED ACCEPT.	Response Status W			y axis c	an be optimised			
					Suggestedl Change	,	(-18 to 0) to (-15 to -3)		
					Proposed F		Response Status W		
					PROPO	DSED ACCEPT	,		

C/ 168	SC 168.7.12	P 41	L37	# 194	C/ 168	SC 168.7.13		P 42	L 39	# 197
Dawe, Piers		Nvidia			Dawe, Piers	s	N	vidia		
Comment Ty 100GBA	,	Comment Status D		ref_receiver	Comment 7 "SRS" i	51	Comment Sta			consistency_c
SuggestedRe 100GBAS	e <i>medy</i> SE-BR10				<i>Suggestedl</i> Spell it	<i>Remedy</i> out each time				
	esponse SED ACCEPT I Iment #111.	Response Status W N PRINCIPLE.				•	Response Sta IN PRINCIPLE. 2.3dj.	ntus W		
C/ 168	SC 168.7.12	P 41	L 40	# 195	C/ 168	SC 168.7.13		P 42	L 42	# 198
Dawe, Piers		Nvidia			Dawe, Piers	s	N	vidia		
Comment Ty	pe E	Comment Status D		ref_receiver	Comment 7	Туре Т	Comment Sta	atus D		ne
Units sho							mat to do, and an		ECQ setup, there	ie ne optical renector
SuggestedRe Per comr Proposed Re PROPOS	e <i>medy</i> ment	Response Status W N PRINCIPLE.			in Fig 1 <i>Suggestedl</i> Explain <i>Proposed F</i>	168-7. <i>Remedy</i> n this fully or del Response	ete the sentence. Response Sta			
SuggestedRe Per comr Proposed Re PROPOS	emedy ment esponse SED ACCEPT I	,	L 38	# 196	in Fig 1 <i>Suggestedl</i> Explain <i>Proposed F</i> PROPC	168-7. <i>Remedy</i> n this fully or del Response	ete the sentence. Response Sta IN PRINCIPLE.			
SuggestedRe Per comr Proposed Re PROPOS See com	emedy ment esponse SED ACCEPT I iment #111.	N PRINCIPLE.	L 38	# 196	in Fig 1 <i>Suggestedl</i> Explain <i>Proposed F</i> PROPC	168-7. Remedy h this fully or del Response OSED ACCEPT	ete the sentence. <i>Response Sta</i> IN PRINCIPLE. e 168-7.		L 44	
SuggestedRe Per comr Proposed Re PROPOS See com C/ 168 Dawe, Piers	emedy ment esponse SED ACCEPT I iment #111. SC 168.7.13	N PRINCIPLE.	L 38	# 196 consistency_dj	in Fig 1 Suggested/ Explain Proposed F PROP(Consid	I68-7. Remedy In this fully or del Response OSED ACCEPT ler revising figur SC 168.7.13	ete the sentence. <i>Response Sta</i> IN PRINCIPLE. re 168-7.	ntus W		# 199
SuggestedRe Per comr Proposed Re PROPOS See com C/ 168 Dawe, Piers Comment Tyj In this se conforma signal, in	emedy ment ssponse SED ACCEPT I ment #111. SC 168.7.13 ppe E ection we have: ance signal, opt pput signal, sign	N PRINCIPLE. P42 Nvidia <i>Comment Status</i> D conformance test signal, sig ical test signal, stressed rec al, and stressed receiver con	nal being transm eiver conformanc nformance input	<i>consistency_dj</i> nitted, received ce test signal, test signal. We are	in Fig 1 Suggested/ Explain Proposed F PROPO Consid Cl 168 Dawe, Piers Comment 1	I68-7. Remedy In this fully or del Response OSED ACCEPT er revising figur SC 168.7.13 s	lete the sentence. Response Sta TIN PRINCIPLE. e 168-7. N Comment Sta	<i>ntus</i> W P 42 Ividia		
SuggestedRe Per com Proposed Re PROPOS See com C/ 168 Dawe, Piers Comment Ty In this se conforma signal, in supposed	emedy ment esponse SED ACCEPT I ment #111. SC 168.7.13 pe E ection we have: ance signal, opt aput signal, sign d to use the sar	N PRINCIPLE. P42 Nvidia Comment Status D conformance test signal, sig ical test signal, stressed rec	nal being transm eiver conformanc nformance input	<i>consistency_dj</i> nitted, received ce test signal, test signal. We are	in Fig 1 Suggested/ Explain Proposed F PROPO Consid Cl 168 Dawe, Piers Comment 1	I68-7. Remedy In this fully or del Response OSED ACCEPT ler revising figur SC 168.7.13 s Type T t should be obvi	lete the sentence. Response Sta TIN PRINCIPLE. e 168-7. N Comment Sta	<i>ntus</i> W P 42 Ividia		# [<u>199</u>
SuggestedRe Per comr Proposed Re PROPOS See com C/ 168 Dawe, Piers Comment Ty In this se conforma signal, in supposed SuggestedRe	emedy ment esponse SED ACCEPT I ment #111. SC 168.7.13 pe E ection we have: ance signal, opt aput signal, sign d to use the sar emedy	N PRINCIPLE. P42 Nvidia <i>Comment Status</i> D conformance test signal, sig ical test signal, stressed rec al, and stressed receiver con	nal being transm eiver conformanc nformance input	<i>consistency_dj</i> nitted, received ce test signal, test signal. We are	in Fig 1 Suggested/ Explain Proposed F PROPO Consid C/ 168 Dawe, Piers Comment 7 While it Suggested/ Add tex crossta	I68-7. Remedy In this fully or del Response OSED ACCEPT ler revising figur SC 168.7.13 s Type T t should be obvi Remedy xt saying that the alk should be op	ete the sentence. <i>Response Sta</i> 'IN PRINCIPLE. e 168-7. <i>Comment Sta</i> ious e PMD's transmitt erational when sta	P 42 Vidia atus D ter and any ressed sens	L 44 other circuitry tha itivity (and regula	# <u>199</u> <i>quick revie</i> at could cause ar sensitivity) is
SuggestedRe Per comr Proposed Re PROPOS See com C/ 168 Dawe, Piers Comment Ty In this se conforma signal, in supposed SuggestedRe	emedy ment seponse SED ACCEPT I ment #111. SC 168.7.13 ppe E ection we have: ance signal, opt put signal, sign d to use the sar emedy ean this up, as r	N PRINCIPLE. P42 Nvidia Comment Status D conformance test signal, sig ical test signal, stressed rec al, and stressed receiver con ne name for a thing, every ti	nal being transm eiver conformanc nformance input	<i>consistency_dj</i> nitted, received ce test signal, test signal. We are	in Fig 1 Suggested/ Explain Proposed F PROPO Consid C/ 168 Dawe, Piers Comment 7 While it Suggested/ Add tex crossta	I68-7. Remedy In this fully or del Response OSED ACCEPT er revising figur SC 168.7.13 s <i>Type</i> T t should be obvi <i>Remedy</i> xt saying that the lk should be op red. The same	ete the sentence. <i>Response Sta</i> 'IN PRINCIPLE. e 168-7. <i>Comment Sta</i> ious e PMD's transmitt erational when sta	etus W P42 vidia atus D ter and any of ressed sens ter measure	L 44 other circuitry tha itivity (and regula	# <u>199</u> <i>quick revie</i> t could cause

C/ 168 SC 168.7.13.		L 2	# 200		C 168.8.1	P 44	L 3	# 203
Dawe, Piers	Nvidia			Dawe, Piers		Nvidia		
Comment Type E	Comment Status D		bucket_EZ	Comment Type Links to be		Comment Status D		bucket_E
MHz				SuggestedRem	edy			
SuggestedRemedy				Should be f	orest green.	Also in 168.12.4.		
Use non-breaking space				Proposed Resp	onse	Response Status W		
Proposed Response	Response Status W			PROPOSE	D ACCEPT.			
PROPOSED ACCEPT See comment #79.	IN PRINCIPLE.				.			
					C 168.8.2	P 44	L17	# 204
C/ 168 SC 168.7.13.	3 P43	L33	# 201	Dawe, Piers		Nvidia		
Dawe, Piers	Nvidia			Comment Type		Comment Status D		bucket_E
Comment Type E	Comment Status D		consistency_dj			ave a footnote: to meet the manufacturer's	roquiromonto on	d/or upogo rostriationo
Now that we have a de	finition of TECQ, this can be	done directly				in excess of the safety limi		
						anufacturer is required to o		
SuggestedRemedy				such a case	e, the nost h	ianulacturer is required to o	plain its own last	er salety certification.
,	according to 168.7.5, except t	that the test fiber	is not used" to "is	such a case SuggestedRem	,		Diam its own last	er salety certification.
30 ,		that the test fiber	is not used" to "is	SuggestedRem	,		DIAIN IIS OWN IAS	er salety certification.
Change "is measured a measured according to		that the test fiber	is not used" to "is	SuggestedRem	<i>edy</i> ote is require			
Change "is measured a measured according to	168.7.6" Response Status W	that the test fiber	is not used" to "is	SuggestedRem If this footno Proposed Resp PROPOSE	edy ote is require onse D ACCEPT	ed, add it		er salety certification.
Change "is measured a measured according to Proposed Response PROPOSED ACCEPT See comment #79.	168.7.6" Response Status W IN PRINCIPLE.	that the test fiber	is not used" to "is # 202	SuggestedRem If this footno Proposed Resp PROPOSE Implement	edy ote is require onse D ACCEPT	ed, add it Response Status W IN PRINCIPLE.		# 205
Change "is measured a measured according to Proposed Response PROPOSED ACCEPT See comment #79. C/ 168 SC 168.7.13.	168.7.6" Response Status W IN PRINCIPLE.			SuggestedRem If this footno Proposed Resp PROPOSE Implement	edy ote is require onse D ACCEPT suggested re	ed, add it Response Status W IN PRINCIPLE. emedy with editorial license.		
Change "is measured a measured according to Proposed Response PROPOSED ACCEPT See comment #79. C/ 168 SC 168.7.13. Dawe, Piers	168.7.6" Response Status W IN PRINCIPLE. 3 P43			SuggestedRem If this footno Proposed Resp PROPOSE Implement C/ 168 So Dawe, Piers	edy ote is require onse D ACCEPT I suggested re C 168.9	ed, add it <i>Response Status</i> W IN PRINCIPLE. emedy with editorial license. P 45		# 205
Change "is measured a measured according to Proposed Response PROPOSED ACCEPT See comment #79. C/ 168 SC 168.7.13. Dawe, Piers Comment Type E From the style guide: T	168.7.6 ^{°°} Response Status W IN PRINCIPLE. 3 P43 Nvidia	L 41 rate a course of a	# 202 consistency_dj	SuggestedRem If this footno Proposed Resp PROPOSE Implement Cl 168 So Dawe, Piers Comment Type Originally, 1	edy ote is require onse D ACCEPT I suggested re C 168.9 T I0 km = 6 dE	ed, add it <i>Response Status</i> W IN PRINCIPLE. emedy with editorial license. <i>P</i> 45 Nvidia <i>Comment Status</i> D 3 at 1310 nm. 10GBASE-BF	<i>L</i> 26 R10 can be at 12	# 205 consistency_CL14 260 nm, so 6.2 dB.
measured according to Proposed Response PROPOSED ACCEPT See comment #79. Cl 168 SC 168.7.13. Dawe, Piers Comment Type E From the style guide: T	168.7.6 ^{°°} Response Status W IN PRINCIPLE. 3 P43 Nvidia Comment Status X 'he word may is used to indic	L 41 rate a course of a	# 202 consistency_dj	SuggestedRem If this footno Proposed Resp PROPOSEI Implement s C/ 168 So Dawe, Piers Comment Type Originally, 1 25GBASE-I BR's shorte	edy ote is require onse D ACCEPT I suggested re C 168.9 T IO km = 6 dE BR10 and 50 est waveleng	ed, add it Response Status W IN PRINCIPLE. emedy with editorial license. P45 Nvidia Comment Status D B at 1310 nm. 10GBASE-BF 0GBASE-BR10, also 1260 n th is 1303.6 nm so the same	L 26 R10 can be at 12 am, are allowed 6 e cable won't sho	# 205 <i>consistency_CL14</i> 260 nm, so 6.2 dB. 3.3 dB. 100GBASE- bw so much loss.
Change "is measured a measured according to Proposed Response PROPOSED ACCEPT See comment #79. Cl 168 SC 168.7.13. Dawe, Piers Comment Type E From the style guide: T within the limits of the s SuggestedRemedy	168.7.6 ^{°°} Response Status W IN PRINCIPLE. 3 P43 Nvidia Comment Status X 'he word may is used to indic	L 41 ate a course of a hitted to).	# 202 <i>consistency_dj</i> ction permissible	SuggestedRem If this footno Proposed Resp PROPOSEI Implement s C/ 168 SC Dawe, Piers Comment Type Originally, 1 25GBASE-I BR's shorte Calculating	edy ote is require onse D ACCEPT I suggested re C 168.9 T IO km = 6 dE BR10 and 50 est waveleng	ed, add it <i>Response Status</i> W IN PRINCIPLE. emedy with editorial license. <i>P</i> 45 Nvidia <i>Comment Status</i> D B at 1310 nm. 10GBASE-BF 0GBASE-BR10, also 1260 n th is 1303.6 nm so the same insertion loss using the link	L 26 R10 can be at 12 am, are allowed 6 e cable won't sho	# 205 <i>consistency_CL14</i> 260 nm, so 6.2 dB. 3.3 dB. 100GBASE- bw so much loss.
Change "is measured a measured according to Proposed Response PROPOSED ACCEPT See comment #79. Cl 168 SC 168.7.13. Dawe, Piers Comment Type E From the style guide: T within the limits of the s SuggestedRemedy Change "under-stresse might result"	 168.7.6" Response Status W IN PRINCIPLE. 3 P43 Nvidia Comment Status X The word may is used to indice standard (may equals is permeted may result" to "under-stression" and may result.	L 41 ate a course of a hitted to).	# 202 <i>consistency_dj</i> ction permissible	SuggestedRem If this footno Proposed Resp PROPOSEI Implement s C/ 168 SC Dawe, Piers Comment Type Originally, 1 25GBASE-I BR's shorte Calculating	edy ote is require onse D ACCEPT suggested re C 168.9 T C 168.9 T IO km = 6 dE BR10 and 50 st waveleng the channel 2 dB at 1303	ed, add it <i>Response Status</i> W IN PRINCIPLE. emedy with editorial license. <i>P</i> 45 Nvidia <i>Comment Status</i> D B at 1310 nm. 10GBASE-BF 0GBASE-BR10, also 1260 n th is 1303.6 nm so the same insertion loss using the link	L 26 R10 can be at 12 am, are allowed 6 e cable won't sho	# 205 <i>consistency_CL14</i> 260 nm, so 6.2 dB. 3.3 dB. 100GBASE- bw so much loss.
Change "is measured a measured according to Proposed Response PROPOSED ACCEPT See comment #79. Cl 168 SC 168.7.13. Dawe, Piers Comment Type E From the style guide: T within the limits of the s SuggestedRemedy Change "under-stresse might result" Proposed Response PROPOSED ACCEPT	 168.7.6" Response Status W IN PRINCIPLE. 3 P43 Nvidia Comment Status X The word may is used to indicestandard (may equals is permeted may result" to "under-stress Response Status W	L 41 ate a course of a hitted to).	# 202 <i>consistency_dj</i> ction permissible	SuggestedRem If this footnot Proposed Resp PROPOSEI Implement s CI 168 SC Dawe, Piers Comment Type Originally, 1 25GBASE-I BR's shorte Calculating 1260 or 6.0 SuggestedRem	edy ote is require onse D ACCEPT suggested re C 168.9 T C 168.9 T I0 km = 6 dE BR10 and 50 est waveleng the channel 2 dB at 1303 edy	ed, add it <i>Response Status</i> W IN PRINCIPLE. emedy with editorial license. <i>P</i> 45 Nvidia <i>Comment Status</i> D B at 1310 nm. 10GBASE-BF 0GBASE-BR10, also 1260 n th is 1303.6 nm so the same insertion loss using the link	L26 R10 can be at 12 Im, are allowed 6 e cable won't sho t model, it's 6.00	# 205 <i>consistency_CL14</i> 260 nm, so 6.2 dB. 3.3 dB. 100GBASE- bw so much loss. dB at 1310 nm 6.20 at
Change "is measured a measured according to Proposed Response PROPOSED ACCEPT See comment #79. Cl 168 SC 168.7.13. Dawe, Piers Comment Type E From the style guide: T within the limits of the s SuggestedRemedy Change "under-stresse might result" Proposed Response	 168.7.6" Response Status W IN PRINCIPLE. 3 P43 Nvidia Comment Status X The word may is used to indicestandard (may equals is permeted may result" to "under-stress Response Status W	L 41 ate a course of a hitted to).	# 202 <i>consistency_dj</i> ction permissible	SuggestedRem If this footnot Proposed Resp PROPOSEI Implement s CI 168 SC Dawe, Piers Comment Type Originally, 1 25GBASE-1 BR's shorte Calculating 1260 or 6.0 SuggestedRem Change 6.3	edy ote is require onse D ACCEPT suggested re C 168.9 T C 168.9 T I0 km = 6 dE BR10 and 50 est waveleng the channel 2 dB at 1300 edy to 6 (or 6.1)	ed, add it Response Status W IN PRINCIPLE. emedy with editorial license. P45 Nvidia Comment Status D 8 at 1310 nm. 10GBASE-BF 0GBASE-BR10, also 1260 n th is 1303.6 nm so the same insertion loss using the link 3.6 nm	L26 R10 can be at 12 Im, are allowed 6 e cable won't sho t model, it's 6.00	# 205 <i>consistency_CL14</i> 260 nm, so 6.2 dB. 3.3 dB. 100GBASE- bw so much loss. dB at 1310 nm 6.20 at

C/ 168 SC 168.9	P 45	L 36	# 206	C/ 168	SC	168.10	P 46	L 9	# 209
Dawe, Piers	Nvidia			Dawe, Pie	rs		Nvidia		
Comment Type T	Comment Status D		bucket	Comment	Туре	Е	Comment Status D		bucket_EZ
This gives the dispers	ion ranges for the upstream di	rection only), or	type G	.657.A1 o	type G.657.A2 (bend insens	itive) fibers or th	ne requirements in
SuggestedRemedy				Suggested	Reme	dy			
Add two more rows fo	r the dispersion ranges for the	downstream dire	ection.			a, as in 15			
Proposed Response	Response Status W			<i>,</i>	5.		type G.657.A2 (bend insens	itive) fibers, or t	he requirements in
PROPOSED REJECT The dispersion covers (This is simplification.)	both directions.			Proposed PROP		nse ACCEPT.	Response Status W		
			"	C/ 168	SC	168.10	P 46	L 26	# 210
C/ 168 SC 168.9	P 45	L 44	# 207	Dawe, Pier	rs		Nvidia		
Dawe, Piers	Nvidia			Comment	Туре	Е	Comment Status D		bucket_EZ
Comment Type T Other clauses have ch	Comment Status D nanged to the IEC definition		bucket_EZ			oort operat BASE-BR4	ion 10 km for 100GBASE-BR 0.	10, 20 km for 10	00GBASE-BR20 or 40
SuggestedRemedy				Suggested	Reme	dy			
Change "ANSI/TIA/EI method"	A-526-7/method A-1" to "the IE	C 61280-4-2 on	e-cord reference			oort operat)GBASE-E	ion *at* 10 km for 100GBASE 3R40.	-BR10, 20 km f	or 100GBASE-BR20 or
Proposed Response PROPOSED ACCEP	Response Status W			Proposed		nse ACCEPT.	Response Status W		
PROPOSED ACCEP	-			FROF	USED	ACCEPT			
C/ 168 SC 168.10	P 46	L 1	# 208	C/ 168	SC	168.11	P 47	L 39	# 211
Dawe, Piers	Nvidia			Dawe, Pier	rs		Nvidia		
Comment Type E	Comment Status D		bucket_EZ	Comment	Туре	Е	Comment Status D		interoperation
	numbers not definitions						for interoperation between 10 esn't say "Requirements for".	0GBASE-BRx F	PMDs" other similar
SuggestedRemedy Change "defined in" to	"aivon in" or "of"			Suggested	Reme	dy			
0	5			Delete	Requ	irements	or" here and in the table title.		
Proposed Response PROPOSED ACCEP	Response Status W			Proposed	Respor	nse	Response Status W		
Change "defined in" to				Chang "Intero Chang "Chan BR40"	ge the soperation ge the tain the tain the tail of	on between able title c aracteristic	title of 168.11 into: 100GBASE-BRx PMDs". f Table 168–15 into: s for interoperation between pecify the maximum distance		

C/ 168	SC 168.11	P 47	L 39	# 212	C/ 168	SC 168.12.3	P 49	L13	# 215
Dawe, Piers	S	Nvidia			Dawe, Pier	S	Nvidia		
not, wit	eds some text to h 100GBASE-BF	Comment Status D introduce the table, which s t10. Presumably the mixed horter-reach PMD.			Comment The Ol Suggested	NU silent start ap	Comment Status D plies to the U PHYs but not t	he D PHYs	bucket_E
Suggestedi Someth 168.11	Remedy hing like: Interoperation be	etween 100GBASE-BRx PM and 100GBASE-BR40 PMDs		e with each other (over	Proposed I		r U and D. Status of F12 ON Response Status W	IU silent start be	comes U:M
an eng 100GB minimu directio Interop	ineered link) prov ASE-BR20 in Ta Im channel insert Ins separately. A eration between	rided that the fiber optic cabl ble 168-12 are met, with the ion loss values, which are g tenuators may be used to a 100GBASE-BR10 and 100G hatever the case is).	ling (channel) ch exception of the iven in Table 168 chieve the requir	aracteristics for maximum and 3-15 for the two link ed losses.	C/ 168 Dudek, Mik Comment poor E	<i>Type</i> E nglish.	P 30 Marvell Comment Status X	L 38	# 216 bucket_E2
	Response DSED REJECT. mment #130. SC 168.12.1	Response Status W	L 14	# 213	Proposed I PROP	the "be" in "are r Response OSED ACCEPT.	not typically be accessible" Response Status W		
Dawe, Piers	S	Nvidia			C/ 168	nance required fo	P 32	L 40	# 217
Comment 7	<i>Type</i> E o be made by sta	Comment Status D		bucket_EZ	Dudek, Mik		Marvell	- 10	
Suggestedi Should Proposed F	Remedy be forest green.				100GE 100GE additio includi	atement is made ASE-BR10 and ASE-BR10 and NASE-BR10 and nal requirements ng the addition of	Comment Status D that the 100GBASE-DR40 P 100GBASE-BR20 provided th 100GBASE-BR20 are met, h for interoperation between 1 minimum losses. Section	he channel requir nowever section 00GBASE-BR40 168.11 doesn't in	rements for 168.11 includes) and 100GBASE-20 clude minimum losses
C/ 168 Dawe, Piers	SC 168.12.1	P 48 Nvidia	L 28	# 214	output		een 100GBASE-BR40 and 1 ASE-BR40 in the off state is of -20dBm.		
Comment 1	Гуре E	Comment Status D		bucket_EZ	Suggested	Remedy			
Blank s S <i>uggestedl</i>	sub-row? Remedy					or the inter-opera	annel losses are specified in tion between 100GBASE-BF		
	e. Also in 168.12	.3, twice			Proposed I	Response	Response Status W		
Proposed F	Response DSED ACCEPT.	Response Status W			PROP	OSED ACCEPT	N PRINCIPLE.		

C/ 168 SC 168.7	.12 P41	L	# 218	CI 45 SC	2.1.28	P15	L 43	# 221
udek, Mike	Marvell			Effenberger, Fra	nk	Futurewei Teo	chnologies	
Comment Type T	Comment Status	Δ	ref_receiver	Comment Type	Е	Comment Status X		CL45_controlregister
In Figure 168-6 "me be deleted.	eets equation constraints" r	eeds to be below all	the lines or it needs to	Table 45-50 be reserved	The reserved	l bits are not quite right, as	s there are wo co	odepoints that need to
SuggestedRemedy				SuggestedReme	dy			
Fix it				Add the follo				
Proposed Response	Response Status V	v		1 1 x x x x = 1 0 1 1 1 x =				
PROPOSED ACCE	PT.			Proposed Respo		Deenenee Status M		
See comment #111	•					Response Status W		
C/ 168 SC 168.1	1 P47	L47	# 219	Add the follo		PRINCIPLE.		
Dudek. Mike	Marvell			10111x=				
Comment Type TR	Comment Status		interoperation	(1 1 x x x x =	Reserved is	already descripted in the t	table).	
	ber between the BR20 and	·	,	C/ 00 SC	0	P 1	L13	# 222
	rections. To be complian			Wienckowski, Na	Italie	IVN Solutions		
between BR20 and	BR40 would have to be mi	n 8.3dB and max 10	dB which is a very small	Comment Type	ER	Comment Status D		bucket EZ
			-					
range but could be			-	51			me in the PAR	bucket_LL
SuggestedRemedy	specified.			The Ammen	dment title is s	supposed to match the na	me in the PAR	bucket_LL
SuggestedRemedy Collapse the two ro		e row. With min loss	of 8.3dB and max loss	The Ammen SuggestedReme	dment title is s <i>dy</i>	supposed to match the na		
SuggestedRemedy Collapse the two ro of 10dB	specified. ws in Table 168-15 into on		of 8.3dB and max loss	The Ammen SuggestedReme Change: Am	dment title is s <i>dy</i> endment: Bid	supposed to match the na	I Access PHYs	
SuggestedRemedy Collapse the two ro of 10dB Proposed Response	specified. ws in Table 168-15 into on <i>Response Status</i> V		of 8.3dB and max loss	The Ammen SuggestedReme Change: Am To: Amendm	dment title is s <i>dy</i> endment: Bid ient: Greater t	supposed to match the na	I Access PHYs	
SuggestedRemedy Collapse the two ro	specified. ws in Table 168-15 into on <i>Response Status</i> V :PT IN PRINCIPLE.		of 8.3dB and max loss	The Ammen SuggestedReme Change: Am To: Amendr Also change Proposed Respo	dment title is s dy endment: Bid ent: Greater t this on the he nse	supposed to match the na irectional 100 Gb/s Optica than 50 Gb/s Bidirectional	I Access PHYs	
SuggestedRemedy Collapse the two ro of 10dB Proposed Response PROPOSED ACCE	specified. ws in Table 168-15 into on <i>Response Status</i> V :PT IN PRINCIPLE.		of 8.3dB and max loss	The Ammen SuggestedReme Change: Am To: Amendm Also change	dment title is s dy endment: Bid ent: Greater t this on the he nse	supposed to match the na irectional 100 Gb/s Optica than 50 Gb/s Bidirectional eading of each page.	I Access PHYs	
SuggestedRemedy Collapse the two ro of 10dB Proposed Response PROPOSED ACCE See comment #130 C/ 157 SC 1.3	specified. ws in Table 168-15 into on <i>Response Status</i> V EPT IN PRINCIPLE.). P 18	v		The Ammen SuggestedReme Change: Am To: Amendr Also change Proposed Respo	dment title is s dy endment: Bid ent: Greater t this on the he nse ACCEPT.	supposed to match the na irectional 100 Gb/s Optica than 50 Gb/s Bidirectional eading of each page.	I Access PHYs	
SuggestedRemedy Collapse the two ro of 10dB Proposed Response PROPOSED ACCE See comment #130	specified. ws in Table 168-15 into on <i>Response Status</i> V EPT IN PRINCIPLE.). P 18	V L1 rei Technologies		The Ammen SuggestedReme Change: Am To: Amendrr Also change Proposed Respo PROPOSED	dment title is s dy endment: Bid hent: Greater t this on the he nse ACCEPT. 0	supposed to match the na irectional 100 Gb/s Optica than 50 Gb/s Bidirectional eading of each page. Response Status W	I Access PHYs Optical Access I	PHYs Task Force
SuggestedRemedy Collapse the two ro of 10dB Proposed Response PROPOSED ACCE See comment #130 C/ 157 SC 1.3 Effenberger, Frank Comment Type E	specified. ws in Table 168-15 into on <i>Response Status</i> V PT IN PRINCIPLE. P 18 Futurew	L1 rei Technologies	# 220 bucket	The Ammen SuggestedReme Change: Am To: Amendm Also change Proposed Respo PROPOSED	dment title is s dy endment: Bid hent: Greater t this on the he nse ACCEPT. 0	supposed to match the na irectional 100 Gb/s Optica than 50 Gb/s Bidirectional eading of each page. Response Status W	I Access PHYs Optical Access I	PHYs Task Force
SuggestedRemedy Collapse the two ro of 10dB Proposed Response PROPOSED ACCE See comment #130 C/ 157 SC 1.3 Effenberger, Frank Comment Type E	specified. ws in Table 168-15 into on <i>Response Status</i> V PT IN PRINCIPLE. <i>P</i> 18 Futurew <i>Comment Status</i> X Infortunate in how it breaks	L1 rei Technologies	# 220 bucket	The Ammen SuggestedReme Change: Am To: Amendm Also change Proposed Respo PROPOSED C/ 00 SC Wienckowski, Na Comment Type	dment title is s dy endment: Bid ent: Greater t this on the he nse ACCEPT. 0 atalie ER	supposed to match the na irectional 100 Gb/s Optica than 50 Gb/s Bidirectional eading of each page. <i>Response Status</i> W <i>P</i> 8 IVN Solutions	I Access PHYs Optical Access I <i>L</i> 4 S LLC	PHYs Task Force # [223 bucket_EZ
SuggestedRemedy Collapse the two ro of 10dB Proposed Response PROPOSED ACCE See comment #130 Cl 157 SC 1.3 Effenberger, Frank Comment Type E Figure 157-1(a) is u	specified. ws in Table 168-15 into on <i>Response Status</i> V PT IN PRINCIPLE. <i>P</i> 18 Futurew <i>Comment Status</i> X Infortunate in how it breaks	L1 rei Technologies	# 220 bucket	The Ammen SuggestedReme Change: Am To: Amendm Also change Proposed Respo PROPOSED C/ 00 SC Wienckowski, Na Comment Type The box und	dment title is s dy endment: Bid hent: Greater t this on the he nse ACCEPT. 0 ACCEPT. 0 talie ER er "Introductio	supposed to match the na irectional 100 Gb/s Optica than 50 Gb/s Bidirectional eading of each page. Response Status W P8 IVN Solutions Comment Status D	I Access PHYs Optical Access I <i>L</i> 4 S LLC	PHYs Task Force # [223 bucket_EZ
SuggestedRemedy Collapse the two ro of 10dB Proposed Response PROPOSED ACCE See comment #130 Cl 157 SC 1.3 Effenberger, Frank Comment Type E Figure 157-1(a) is u broken up in a weire SuggestedRemedy	specified. ws in Table 168-15 into on <i>Response Status</i> V PT IN PRINCIPLE. <i>P</i> 18 Futurew <i>Comment Status</i> X Infortunate in how it breaks	L1 rei Technologies over the pages, and	# 220 bucket	The Ammen SuggestedReme Change: Am To: Amendm Also change Proposed Respo PROPOSED C/ 00 SC Wienckowski, Na Comment Type	dment title is s dy endment: Bid ent: Greater t this on the he nse ACCEPT. 0 ACCEPT. 0 atalie ER er "Introduction dy	supposed to match the na irectional 100 Gb/s Optica than 50 Gb/s Bidirectional eading of each page. Response Status W P8 IVN Solutions Comment Status D	I Access PHYs Optical Access I <i>L</i> 4 S LLC	PHYs Task Force # [223 bucket_EZ
SuggestedRemedy Collapse the two ro of 10dB Proposed Response PROPOSED ACCE See comment #130 C/ 157 SC 1.3 Effenberger, Frank Comment Type E Figure 157-1(a) is u broken up in a weird SuggestedRemedy Try to squeeze all for	specified. ws in Table 168-15 into on <i>Response Status</i> V PT IN PRINCIPLE. <i>P</i> 18 Futurew <i>Comment Status</i> X unfortunate in how it breaks d way.	L1 rei Technologies over the pages, and gure.	# 220 bucket	The Ammen SuggestedReme Change: Am To: Amendm Also change Proposed Respon PROPOSED C/ 00 SC Wienckowski, Na Comment Type The box und SuggestedReme Change: Std To: Std 802.	dment title is s dy endment: Bid hent: Greater t this on the he nse ACCEPT. 0 ACCEPT. 0 htalie ER er "Introduction dy 802.3-20xx 3dk-202x	supposed to match the na irectional 100 Gb/s Optica than 50 Gb/s Bidirectional eading of each page. <i>Response Status</i> W <i>P</i> 8 IVN Solutions <i>Comment Status</i> D on" needs to be updated w	I Access PHYs Optical Access I <i>L</i> 4 S LLC	PHYs Task Force # [223 bucket_EZ
SuggestedRemedy Collapse the two roo of 10dB Proposed Response PROPOSED ACCE See comment #130 Cl 157 SC 1.3 Effenberger, Frank Comment Type E Figure 157-1(a) is u broken up in a weird SuggestedRemedy Try to squeeze all for	specified. ws in Table 168-15 into on <i>Response Status</i> V PT IN PRINCIPLE. <i>P</i> 18 Futurew <i>Comment Status</i> V Infortunate in how it breaks d way. our speeds onto a single fig <i>Response Status</i> V PT IN PRINCIPLE.	L1 rei Technologies over the pages, and gure.	# 220 bucket	The Ammen SuggestedReme Change: Am To: Amendm Also change Proposed Respond PROPOSED C/ 00 SC Wienckowski, Na Comment Type The box und SuggestedReme Change: Std To: Std 802. and Change	dment title is s dy endment: Bid hent: Greater t this on the he nse ACCEPT. 0 ACCEPT. 0 talle ER er "Introduction dy 802.3-20xx 3dk-202x c Amendment	supposed to match the na irectional 100 Gb/s Optica than 50 Gb/s Bidirectional eading of each page. Response Status W P8 IVN Solutions Comment Status D	L4 ALC L4 LLC With P802.3dk info	PHYs Task Force # [223 bucket_EZ ormation.
SuggestedRemedy Collapse the two ro of 10dB Proposed Response PROPOSED ACCE See comment #130 C/ 157 SC 1.3 Effenberger, Frank Comment Type E Figure 157-1(a) is u broken up in a weird SuggestedRemedy Try to squeeze all for Proposed Response PROPOSED ACCE	specified. ws in Table 168-15 into on <i>Response Status</i> V PT IN PRINCIPLE. <i>P</i> 18 Futurew <i>Comment Status</i> V Infortunate in how it breaks d way. our speeds onto a single fig <i>Response Status</i> V PT IN PRINCIPLE.	L1 rei Technologies over the pages, and gure.	# 220 bucket	The Ammen SuggestedReme Change: Am To: Amendm Also change Proposed Respond PROPOSED C/ 00 SC Wienckowski, Na Comment Type The box und SuggestedReme Change: Std To: Std 802. and Change	dment title is s dy endment: Bid ient: Greater t this on the he nse ACCEPT. 0 ACCEPT. 0 atalie ER er "Introduction dy 802.3-20xx 3dk-202x Amendment than 50 Gb/s I	supposed to match the na irectional 100 Gb/s Optica than 50 Gb/s Bidirectional eading of each page. <i>Response Status</i> W <i>P</i> 8 IVN Solutions <i>Comment Status</i> D on" needs to be updated w title (copy from PAR)	L4 ALC L4 LLC With P802.3dk info	PHYs Task Force # [223 bucket_EZ ormation.

CI 45	SC 45.2.1.7.4	P13	L10	# 224	C/ 45	SC 45.2.1.27t) P'	1 4 <i>l</i>	L 13	# 227
Wienckow	ski, Natalie	IVN Solutions	LLC		Wienckow	ski, Natalie	IVN S	Solutions LLC		
Comment Includ		Comment Status D row when the editing instruc	tions say it doesn'	<i>bucket_EZ</i> t.			Comment Status om P802.3-2022 ne		not the num	<i>bucket_EZ</i> hbers from P802.3cp-
Suggested Delete	dRemedy e unchanged row				2021. Suggested	•	5.2.1.33 and reorde	r to put the day	uses in the	eerreet order
Proposed PROP	Response POSED ACCEPT.	Response Status W			Proposed		Response Status	•		
C/ 45	SC 45.2.1.7.5	P 13	L 40	# 225		omment #144.				
Wienckow	ski, Natalie	IVN Solutions	LLC		C/ 45	SC 45.2.1.27t	• P'	l 4 [L15	# 228
Comment	Туре Е	Comment Status D		bucket_EZ	Wienckow	ski, Natalie	IVN S	Solutions LLC		
Includ	es an unchanged i	row when the editing instruc	tions say it doesn'	t.	Comment	Туре Е	Comment Status	D		bucket_EZ
Suggested Delete	dRemedy e unchanged row				The Ta 2021.	able numbers from	n P802.3-2022 nee	d to be used, no	ot the numb	pers from P802.3cp-
Proposed		Response Status W			Suggested	-				
PROP	OSED ACCEPT.				Chang	ge Table 45-31b to	Table 45-37, also	on line 19		
CI 45	SC 45.2.1.8.1	P 14	L7	# 226	Proposed	ge Table 45-31b to Response POSED ACCEPT.	Response Status			
C/ 45 Wienckow	SC 45.2.1.8.1 ski, Natalie	IVN Solutions	-		Proposed	, Response	Response Status	W	L43	# 229
Cl 45 Wienckow Comment	SC 45.2.1.8.1 ski, Natalie <i>Type</i> E	IVN Solutions Comment Status D	LLC	bucket_EZ	Proposed PROP CI 45	Response POSED ACCEPT.	Response Status	W	L43	# 229
Cl 45 Wienckow Comment Includ	SC 45.2.1.8.1 ski, Natalie <i>Type</i> E es an unchanged i	IVN Solutions	LLC	bucket_EZ	Proposed PROP CI 45	Response OSED ACCEPT. SC 45.2.1.27t ski, Natalie	Response Status	W I4 I Solutions LLC	L43	# 229 bucket_EZ
Cl 45 Wienckow Comment Includ Suggested	SC 45.2.1.8.1 ski, Natalie <i>Type</i> E es an unchanged in <i>dRemedy</i> e unchanged row	IVN Solutions Comment Status D	LLC	bucket_EZ	Proposed PROP CI 45 Wienckow Comment The C 2021.	Response OSED ACCEPT. SC 45.2.1.27t ski, Natalie <i>Type</i> E lause numbers fro	Response Status .7 P' IVN S Comment Status om P802.3-2022 ne number bits are defi	W I4 // Solutions LLC S D ed to be used, r	not the num	
Cl 45 Wienckow Comment Includ Suggested Delete Proposed	SC 45.2.1.8.1 ski, Natalie <i>Type</i> E es an unchanged in <i>dRemedy</i> e unchanged row	IVN Solutions Comment Status D row when the editing instruc	LLC	bucket_EZ	Proposed PROF Cl 45 Wienckow Comment The C 2021. definit Suggested Chang	Response POSED ACCEPT. SC 45.2.1.27k ski, Natalie Type E lause numbers fro Also, the higher r ions go before the IRemedy ge: 45.2.1.27b.7-4	Response Status .7 P' IVN S Comment Status om P802.3-2022 ne number bits are defi	W 14 // Solutions LLC Solutions LLC D ed to be used, r ned before the 5.2.1.27b.6	not the num	<i>bucket_EZ</i> nbers from P802.3cp-
Cl 45 Wienckow Comment Includ Suggested Delete Proposed	SC 45.2.1.8.1 ski, Natalie Type E es an unchanged i dRemedy e unchanged row Response	IVN Solutions Comment Status D row when the editing instruc	LLC	bucket_EZ	Proposed PROF Cl 45 Wienckow Comment The C 2021. definit Suggested Chang	Response POSED ACCEPT. SC 45.2.1.27k ski, Natalie Type E lause numbers fro Also, the higher r ions go before the dRemedy ge: 45.2.1.27b.7-4 5.2.1.33.a-45.2.1.	Response Status .7 Pri IVN S Comment Status om P802.3-2022 ne number bits are define existing ones. 5.2.1.27b.12 after 4	W 14 <i>B</i> Solutions LLC 5 D ed to be used, r ned before the 5.2.1.27b.6 3.1	not the num	<i>bucket_EZ</i> nbers from P802.3cp-

C/ 45 SC 45.2.1.27	b.7	P 14	L 45	# 230	C/ 157	SC 157.1.1	P 17	L 3	# 233
Wienckowski, Natalie		IVN Solutions	LLC		Wienckows	ski, Natalie	IVN Solutions	LLC	
Comment Type E	Comment S	tatus D		bucket_EZ	Comment	Туре Е	Comment Status D		bucket_EZ
The Clause numbers f 2021.	om P802.3-202	2 need to be ι	used, not the nur	mbers from P802.3cp-	Missin	g editorial instru	iction.		
SuggestedRemedy					Suggested	lRemedy			
Change 45.2.1.27b.7	o 45 2 1 33 a						 n: Change the first and secor as it has no changes. 	nd paragraphs o	f 157.1.1 as follows:
Proposed Response	Response Si	tatus M			Proposed		Response Status W		
PROPOSED ACCEPT See comment #144.	,				, PROP	,	IN PRINCIPLE.		
C/ 45 SC 45.2.1.27	b.8	P 15	L1	# 231	C/ 157	SC 157.1.2	P 17	L 23	# 234
Wienckowski, Natalie		IVN Solutions	LLC		Wienckows	ski, Natalie	IVN Solutions	LLC	
Comment Type E The Clause numbers f	<i>Comment</i> S om P802.3-202		used, not the nur	<i>bucket_EZ</i> nbers from P802.3cp-		<i>Type</i> E g editorial instru	Comment Status D		bucket_EZ
2021.					Suggested	Remedy			
SuggestedRemedy					Add ed	ditorial instructio	n: Change 157.1.2 as follows		
Change 45.2.1.27b.8					Proposed	Response	Response Status W		
Proposed Response PROPOSED ACCEPT	Response Si	tatus W				OSED ACCEPT omment #102.	IN PRINCIPLE.		
C/ 45 SC 45.2.1.27	b.9	P 15	L 8	# 232	C/ 157	SC 157.1.2	P 17	L28	# 235
Wienckowski, Natalie		IVN Solutions	LLC		Wienckows	ski, Natalie	IVN Solutions	LLC	
Comment Type E	Comment S	tatus D		bucket_EZ	Comment	Type ER	Comment Status D		bucket_EZ
The Clause numbers f 2021. SuggestedRemedy		2 need to be ι	used, not the nur	nbers from P802.3cp-	templa covere	ate: Any cross re	I points not properly indicated eferences that refer to clauses dment are highlighted in green	s, tables, equatio	ons, or figures not
Change 45.2.1.27b.9	o 45.2.1.33.c				Suggested	Remedy			
Proposed Response	Response S	tatus W			Correc	ct all external ref	erences per instructions throu	ighout the docur	ment.
PROPOSED ACCEPT					Proposed	Response OSED ACCEPT	Response Status W		

C/ 157 SC 157.1.3	P 17	L 51	# 236	C/ 157	SC 157.1.3	P 18	L35	# 239
Wienckowski, Natalie	IVN Solutions	LLC		Wienckows	ski, Natalie	IVN Solution	s LLC	
Comment Type E Missing editorial instructi The entire subclause sho	Comment Status D ion. buldn't be included, only the	changes should	<i>bucket_EZ</i> I be included.		g editorial instru	Comment Status X ction.		bucket_EZ
shown):	Change row "r" of Table 15 ble and unchanged table rov	· · · · ·	unchanged rows not	Proposed	ditorial instructio Response	n: Change the second parag <i>Response Status</i> W IN PRINCIPLE. Implement s	•	
Proposed Response	Response Status W			C/ 157	SC 157.1.3	P 19	L1	# 240
PROPOSED ACCEPT IN Implement suggested re	N PRINCIPLE. medy with editorial license.			Wienckows	ski, Natalie	IVN Solution		
C/ 157 SC 157.1.3	P18	L 1	# 237	Comment		Comment Status X		bucke
Vienckowski, Natalie	IVN Solutions	LLC			g editorial instru	ction.		
Comment Type E	Comment Status D		bucket	Suggested	-	n: Insert Figure 157-1a after	Figure 157 1 cost	followo
Missing editorial instruct				Proposed		-	Figure 157-1 as	ioliows.
The unchanged figure sh SuggestedRemedy	Change title of Figure 157-	1 as follows:		PROP		Response Status W		
Delete the figure.	Change lille of Figure 137-	1 43 10110103.		C/ 157	SC 157.1.4	P 20	L37	# 241
Proposed Response	Response Status W			Wienckows		IVN Solution	•••	
PROPOSED ACCEPT IN See comment #127.	N PRINCIPLE.			Comment	,	Comment Status X		bucket_E2
C/ 157 SC 157.1.3	P18	L35	# 238	Suggested	•			
Vienckowski, Natalie	IVN Solutions	LLC			-	n: Change 157.1.4 as follow	s:	
Comment Type E	Comment Status D		bucket_EZ	Proposed	Response	Response Status W		
The table should not be should be should be shown.	broken up with a Figure in th	e middle of it.	Only the new rows	PROP	OSED ACCEPT	IN PRINCIPLE. Implement	suggested remed	y with editorial license.
SuggestedRemedy				C/ 157	SC 157.2.1	P 20	L 45	# 242
Add editorial instruction: rows not shown):	Insert new rows at the end	of Table 157-2	as follows (unchanged	Wienckows	ski, Natalie	IVN Solution	s LLC	
,	of the table which are not cha	anged.		Comment	Туре Е	Comment Status X		bucket_E2
Proposed Response	Response Status W			Missin	g editorial instru	ction.		
PROPOSED ACCEPT IN	N PRINCIPLE. Implement su	iggested remed	y with editorial license.	Suggested Add ed	-	n: Change title 157.2.1 as f	ollows:	
				Proposed		Response Status W		
				•		IN PRINCIPLE. Implement	suggested remed	y with editorial license.
YPE: TR/technical required	ER/editorial required GR/g	eneral required	T/technical E/editorial G/g	eneral		Comn	nent ID 242	Page 46 of 51

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

Page 46 of 51 2025/4/18 22:54:50

C/ 157	SC 157.2.1	P 20	L 48	# 243	C/ 157	SC 157.2.2	P 23	L 5	# 246
Vienckowsl	ki, Natalie	IVN Solutions	LLC		Wienckow	ski, Natalie	IVN Sol	utions LLC	
Comment T Missing	<i>ype</i> E editorial instructi	Comment Status X		bucket_EZ	<i>Comment</i> Missin	<i>Type</i> E ng editorial instru	Comment Status)	(bucket_EZ
follows:	itorial instruction: Il text to before th	Change the last sentence on the tables. Delete the unchar			Proposed	ditorial instruction Response	n: Change 157.2.2 as f <i>Response Status</i> V IN PRINCIPLE. Implen	v	ly with editorial license.
Proposed R PROPC		Response Status W N PRINCIPLE. Implement su	iggested remed	y with editorial license.	C/ 157 Wienckow	SC 157.2.3 ski, Natalie	P 23 IVN Sol	L12 utions LLC	# 247
Cl 157 Wienckowsl	SC 157.2.1 ki, Natalie	P 21 IVN Solutions	L 1 LLC	# 244	Comment		Comment Status		bucket_EZ
SuggestedF	unchanged conte Remedy	Comment Status D nt. le 157-4, Table 157-5.		bucket_EZ	Proposed	ditorial instruction	n: Change 157.2.3 as f <i>Response Status</i> V IN PRINCIPLE. Implen	v	ly with editorial license.
Proposed R PROPC	Response DSED ACCEPT.	Response Status W			C/ 157 Wienckow	SC 157.2.4 ski, Natalie	P 23 IVN Sol	L19 utions LLC	# 248
C/ 157 Wienckowsl	SC 157.2.1 ki, Natalie	P 22 IVN Solutions	L 26 LLC	# 245	Comment		Comment Status		bucket_EZ
Comment T		Comment Status X		bucket_EZ		ditorial instruction	n: Change the second aph as it doesn't have a		of 157.2.4 as follows:
	itorial instruction:	Insert Table 157-6 after Ta	ble 157-5 as fol	ows:	Proposed	Response	Response Status V	v	ly with editorial license.
Proposed R PROPC	•	Response Status W N PRINCIPLE. Implement su	iggested remed	y with editorial license.	C/ 157 Wienckow	SC 157.2.5 ski, Natalie	P23	L 34 utions LLC	# 249
					Comment		Comment Status		bucket
					Suggested Add e	-	n: Change 157.2.5 as f	ollows:	
					Proposed PROP		Response Status V		ly with editorial license.
		ER/editorial required GR/g		T/technical E/editorial G/g		11/upsatisfied 7		Comment ID 249	Page 47 of 51

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

Page 47 of 51 2025/4/18 22:54:50

C/ 157 SC 157.2.	6 P23	L 39	# 250	C/ 157 SC 157.4	P24	L10	# 253
Wienckowski, Natalie	IVN Solutions	LLC		Wienckowski, Natalie	IVN Solution	s LLC	
Comment Type E	Comment Status D		bucket_EZ	Comment Type E	Comment Status X		bucket_E2
Unchanged subclau	ISE			Missing editorial in	struction.		
SuggestedRemedy				SuggestedRemedy			
Delete 157.2.6					ction: Insert paragraph at the er	nd of 157.4 as foll	ows:
Proposed Response	Response Status W			Delete unchanged Proposed Response			
PROPOSED ACCE See comment #102				, ,	Response Status W EPT IN PRINCIPLE. Implement s	suggested remed	y with editorial license.
CI 157 SC 157.2.	7 P23	L 43	# 251	C/ 157 SC 157.5	5 P 24	L 39	# 254
Wienckowski, Natalie	IVN Solutions	LLC		Wienckowski, Natalie	IVN Solution	s LLC	
Comment Type E Unchanged subclau	Comment Status D		bucket_EZ	Comment Type E Unchanged subcla	Comment Status D use		bucket_Ez
SuggestedRemedy				SuggestedRemedy			
Delete 157.2.7				Delete 157.5			
Proposed Response	Response Status W			Proposed Response	Response Status W		
PROPOSED ACCE See comment #102				PROPOSED ACCI See comment #102	EPT IN PRINCIPLE. 2.		
C/ 157 SC 157.3	P 23	L 51	# 252	C/ 157 SC 157.6	6 P 24	L 47	# 255
Wienckowski, Natalie	IVN Solutions	LLC		Wienckowski, Natalie	IVN Solution	s LLC	
Comment Type E	Comment Status X		bucket_EZ	Comment Type E	Comment Status X		bucket_E2
Missing editorial ins	truction.			Missing editorial in	struction.		
SuggestedRemedy				SuggestedRemedy			
Add editorial instruc Delete unchanged p	tion: Insert paragraph at the endoaragraphs.	d of 157.3 as foll	ows:		ction: Change the first paragrap paragraph as it doesn't have any		ows:
Proposed Response	Response Status W			Proposed Response	Response Status W		
PROPOSED ACCE	PT IN PRINCIPLE. Implement s	undested remed	with editorial license		EPT IN PRINCIPLE. Implement	suggested remod	wwith aditorial liconso

							_			
C/ 157 SC	157.6	P 24	L 49	# 256		168.1	P 26	L 7	# 259	
Nienckowski, Natalie IVN Solutions LLC					Wienckowski, Natalie IVN Solutions LLC					
Comment Type	Е	Comment Status D		bucket_EZ	Comment Type	Е	Comment Status D		bucket_E	
broken link					There should	d not be ea	litor's notes in D2.0 or later.			
SuggestedRemed	dy				SuggestedReme	dy				
fix the Clause requested.	e 45 link as	it is in the document. Correct	t links not in the	e document as already		0	which subclause this is based (58.7, 168.8, 168.9, 168.10, and		ilar notes in 168.2,	
Proposed Respor	nse	Response Status W			Proposed Respo	nse	Response Status W			
PROPOSED	ACCEPT.				PROPOSED See commer		IN PRINCIPLE.			
C/ 168 SC	168	P 26	LO	# 257	C/ 168 SC	168.1	P 26	L19	# 260	
Wienckowski, Nat	talie	IVN Solutions I	LLC		Wienckowski. Na	talia	IVN Solutions I			
Comment Type		Comment Status X		bucket_EZ	Comment Type	E	Comment Status D	.20	bucket E	
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SuggestedRemed	dy				SuggestedReme	du				
Add editorial	instruction:	Insert Clause 168.			00	,	s it is in the document.			
Proposed Respor	nse	Response Status W								
PROPOSED	ACCEPT II	N PRINCIPLE. Implement su	ggested remed	y with editorial license.	Proposed Respo PROPOSED		Response Status W			
C/ 00 SC	0	P 11	L 54	# 258	C/ 168 SC	168.4	P29	L27	# 261	
Wienckowski, Natalie IVN Solutions LLC			Wienckowski, Na		IVN Solutions I		# 201			
Comment Type ER Comment Status D bucket_EZ							Comment Status D	.LC	husbet 5	
Missing table	of contents	3				E d nat ha in			bucket_E	
SuggestedRemed	dy						the middle of a paragraph			
Create table of	of contents	and insert after the introduct	ory material and	before Clause 30.	SuggestedReme	,				
Proposed Respor	nse	Response Status W					d 168-3 after the paragraph tex	π.		
PROPOSED	ACCEPT.	,			Proposed Respo PROPOSED		Response Status W			

C/ 168 SC 168.7.5.4	P 39	L 27	# 262	C/ 45	SC 45.2.1.27	'b.11	P15	L19	# 266		
Wienckowski, Natalie	IVN Solutions	LLC		Wienckows	ski, Natalie		IVN Solutions	S LLC			
Comment Type E Comment Status D bucket_EZ figures should not be in the middle of a paragraph bucket_EZ bucket_EZ					Comment Type E Comment Status D bucket_EZ The Clause numbers from P802.3-2022 need to be used, not the numbers from P802.3cp- D D D						
SuggestedRemedy Move Figure 168-5 afte	r the paragraph text.			2021. Suggested	<i>Remedy</i> e 45.2.1.27b.11	to 15 2 1 33 4	.				
Proposed Response PROPOSED ACCEPT.	Response Status W			Proposed I		Response					
C/ 168 SC 168.7.13.	P 42	L35	# 263				D /-	/	"		
Wienckowski, Natalie	IVN Solutions	LLC		CI 45	SC 45.2.1.27	b.12	P 15	L25	# 267		
Comment Type E	Comment Status D		bucket_EZ	Wienckows		•	IVN Solutions	s LLC			
Figure 168-7 is part of <i>f</i>	68.7.13.1, not 168.7.13.			Comment T	51	Comment			bucket_EZ		
SuggestedRemedy				2021.	ause numbers ir	om P802.3-20	122 need to be	usea, not the hu	mbers from P802.3cp-		
Move Figure 168-7 afte	r the first paragraph of 168.7.	13.1.		Suggested	Remedv						
Proposed Response	Response Status W			Change 45.2.1.27b.12 to 45.2.1.33.f							
PROPOSED ACCEPT.				Proposed I	Response	Response	Status W				
C/ 168 SC 168.9	P 45	L19	# 264	•	OSED ACCEPT.						
Wienckowski, Natalie	IVN Solutions	LLC		C/ 168	SC 168.6.1		P33	L	# 268		
Comment Type E	Comment Status D		bucket_EZ	Maniloff, Ei	ric		Ciena				
tables should not be in	the middle of a paragraph			Comment	Type TR	Comment	Status D		technical		
SuggestedRemedy Move Table 168-12 afte	r the paragraph text.								are 5/0/8.3dBm. At max eaves 0.3 dB difference		
Proposed Response	Response Status W								and Max for BR40. This		
PROPOSED ACCEPT.						ice for manufa	icturing yield, li	fetime, thermals.			
				Suggested	•				nan difference heturen		
C/ 45 SC 45.2.1.27	o.10 <i>P</i> 15	L13	# 265						rger difference between ced. Ensure a minimum		
Wienckowski, Natalie	IVN Solutions	LLC			B difference bet						
Comment Type E	Comment Status D		bucket_EZ	Proposed I	Response	Response	Status W				
The Clause numbers fro 2021.	om P802.3-2022 need to be u	ised, not the nu	mbers from P802.3cp-		oup discussion.						
SuggestedRemedy				See co	omment # 70.						
Change 45.2.1.27b.10	to 45.2.1.33.d										
Proposed Response	Response Status W										
	-										

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 168.6.3	P 35	L	# 269	C/ 168	SC 168.9	P 45	L 30	# 271		
Maniloff, Er	ric	Ciena			Maniloff, Eri	с	Ciena				
Comment 7	Туре Т	Comment Status D		technical	Comment T	уре Т	Comment Status D		consistency_d		
more fo and MF that per SuggestedI	or the 20 & 40km PI penalties. DGI enalties for 20 & 4 <i>Remedy</i>	ude 0.9dB more than TDECC a specs. Penalty allocations n D is 3.1/3.9/5.0 ps for 10/20/4 0 kms would be ≥ those for 7	ormally includ Юkm specs. T 10 km.	e allocations for DGD he expectation would be	values, used to dispers in	as documente arrive at the C	stical analysis is being used to d in G.652 Appendix I. The do D values. 802.3dj currently in ns are based on the statistica pendix I."	ocument should o cludes the follow	clarify the approach ing text: "The		
Adjust the penalties and corresponding related specifications to align with the link impairments. Proposed Response Response Status W					SuggestedRemedy						
					Add a footnote to the CD values in Table168-12 indicating the method used to calculate the dispersion values.						
PROPOSED ACCEPT IN PRINCIPLE. For group discussion.				Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. Add to footnote b:							
C/ 168		P35	L	# 270			fications are based on the stat	tistical link design	n methodology		
/laniloff, Er	ric	Ciena			docume				rmetriedelogy		
Comment 7	Type E	Comment Status D		technical	ITU-T F	REC G.652, Ap	pendix I.".				
		ude values for DGD and MPI cations for these, which is us									
Suggestedl	Remedy										
Add a f	footnote to the P	enalty aloocations specifying	the values for	DGD and MPI							
Proposed F	Response OSED ACCEPT	Response Status W IN PRINCIPLE.									