C/ 157 SC 157.2	2 P 21	L15	# 1	C/ 157	SC 157.1.3	P 18	L 42	# 4
D'Ambrosia, John	Futurewei, U.	S. Subsidiary of I	Huawei	Schreiner,	, Stephan	Rosenberge	er Hochfrequenzte	echnik GmbH & Co. KG
Comment Type ER	Comment Status X			Comment	Type E	Comment Status X		
actuality it applies t	n, Note A only applies to the one of to all of the various cells in the cla ble 157-4, 157-5, and 157-6		noted, when in	Archit	ectural positioni	igabit Ethernet BiDi PHYs is ng of 100 Gb/s Ethernet BiD		jure 157-1a -
SuggestedRemedy				Suggestee	,	157-1 Table 157-2 Fig	Nuro 157 10 To	blo 157 2 (continued)"
<u> </u>	ocation of Note A in table to next t	to "Clause."				gure 157-1 Table 157-2 Fiç		ible 157-2 (continued)
Proposed Response	Response Status O			Proposed	Response	Response Status O		
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	Rosenberge	er Hochfrequenzte	echnik GmbH & Co. KG
Comment Type ER		,		Comment	Type E	Comment Status X		
	'Physical Layer" is incorrect - it in	cludes the MDI a	nd should be drawn to			otnote index on the Mandato ex on line 2 column 2.	ory "M" in line 2, c	olumn 3. All other tables
	ium			nave				
·	lum			Suggestee				
SuggestedRemedy	ashed line from the bottom of the	PMD sublayer to	o the top of Medium	Suggestee	dRemedy	ndex position to the Line: "1	0GBASE-BR10-D	" , column "EEE"
SuggestedRemedy		PMD sublayer to	o the top of Medium	Suggested Chanç	dRemedy		0GBASE-BR10-D	" , column "EEE"
SuggestedRemedy Move the bottom d Proposed Response	ashed line from the bottom of the <i>Response Status</i> 0	PMD sublayer to	o the top of Medium	Suggested Chanç	<i>dRemedy</i> ge the footnote i	ndex position to the Line: "1	0GBASE-BR10-D	" , column "EEE" # 6
SuggestedRemedy Move the bottom d Proposed Response Cl 157 SC 157.2	ashed line from the bottom of the <i>Response Status</i> O	L36	# 3	Suggested Chang Proposed Cl 00	dRemedy ge the footnote i Response SC 0	ndex position to the Line: "1 Response Status 0 P 7	L 50	# 6
SuggestedRemedy Move the bottom d Proposed Response Cl 157 SC 157.2 D'Ambrosia, John	ashed line from the bottom of the <i>Response Status</i> O 2 <i>P</i> 22 Futurewei, U.	,	# 3	Suggestee Chang Proposed C/ 00 Maguire, V	dRemedy ge the footnote i Response SC 0 Valerie	ndex position to the Line: "1 Response Status 0 P 7	L 50	
SuggestedRemedy Move the bottom d Proposed Response Cl 157 SC 157.2 D'Ambrosia, John Comment Type E	ashed line from the bottom of the <i>Response Status</i> O 2. <i>P</i> 22 Futurewei, U. <i>Comment Status</i> X	L 36 S. Subsidiary of I	# <u>3</u> Huawei	Suggested Chang Proposed Cl 00 Maguire, N Comment	dRemedy ge the footnote i Response SC 0 Valerie Type E	ndex position to the Line: "1 Response Status 0 P7 Copperopo Comment Status X	L 50 lis (aff'l w/ CME C	# 6 onsulting and Cisco)
SuggestedRemedy Move the bottom d Proposed Response Cl 157 SC 157.2 D'Ambrosia, John Comment Type E In Table 157-6, Cla	ashed line from the bottom of the <i>Response Status</i> O 2 <i>P</i> 22 Futurewei, U.	L 36 S. Subsidiary of I SE-R FEC", but t	# 3 Huawei the title of Clause 91	Suggested Chang Proposed Cl 00 Maguire, N Comment IEEE-	dRemedy ge the footnote i Response SC 0 Valerie Type E SA Standards B	ndex position to the Line: "1 Response Status 0 P 7 Copperopo	L 50 lis (aff'l w/ CME C	# 6 onsulting and Cisco)
SuggestedRemedy Move the bottom d Proposed Response Cl 157 SC 157.2 D'Ambrosia, John Comment Type E In Table 157-6, Cla refers to "RS-FEC.	ashed line from the bottom of the <i>Response Status</i> O 2. <i>P</i> 22 Futurewei, U. <i>Comment Status</i> X ause 91 title is noted as "100GBA	L 36 S. Subsidiary of I SE-R FEC", but t	# 3 Huawei the title of Clause 91	Suggested Chang Proposed Cl 00 Maguire, N Comment IEEE- Suggested	dRemedy ge the footnote i Response SC 0 Valerie Type E SA Standards B dRemedy	ndex position to the Line: "1 <i>Response Status</i> O <i>P</i> 7 Copperopol <i>Comment Status</i> X Board member names to be s	L 50 lis (aff'l w/ CME C	# 6 onsulting and Cisco)
SuggestedRemedy Move the bottom d Proposed Response Cl 157 SC 157.2 D'Ambrosia, John Comment Type E In Table 157-6, Cla refers to "RS-FEC. SuggestedRemedy	ashed line from the bottom of the <i>Response Status</i> O 2. <i>P</i> 22 Futurewei, U. <i>Comment Status</i> X ause 91 title is noted as "100GBA	L 36 S. Subsidiary of I SE-R FEC", but t EE Std 802.3ck-2	# 3 Huawei the title of Clause 91	Suggested Chang Proposed Cl 00 Maguire, N Comment IEEE- Suggested Repla	dRemedy ge the footnote i Response SC 0 Valerie Type E SA Standards B dRemedy ice, "Konstanting	ndex position to the Line: "1 <i>Response Status</i> O <i>P</i> 7 Copperopol <i>Comment Status</i> X Board member names to be so ps Karachalios, Secretary"	L 50 lis (aff'l w/ CME C	# 6 onsulting and Cisco)
SuggestedRemedy Move the bottom d Proposed Response Cl 157 SC 157.2 D'Ambrosia, John Comment Type E In Table 157-6, Cla refers to "RS-FEC. SuggestedRemedy	ashed line from the bottom of the <i>Response Status</i> O 2 <i>P</i> 22 Futurewei, U. <i>Comment Status</i> X ause 91 title is noted as "100GBA " Reference Table 80-3a from IEE	L 36 S. Subsidiary of I SE-R FEC", but t EE Std 802.3ck-2	# 3 Huawei the title of Clause 91	Suggested Chang Proposed Cl 00 Maguire, N Comment IEEE- Suggested Repla	dRemedy ge the footnote i Response SC 0 Valerie Type E SA Standards B dRemedy ice, "Konstanting	ndex position to the Line: "1 <i>Response Status</i> O <i>P</i> 7 Copperopol <i>Comment Status</i> X Board member names to be s	L 50 lis (aff'l w/ CME C	# 6 onsulting and Cisco)

						• •			
C/ 00 SC 0	P 11	L 2	# 7	C/ 168	SC 168.5.2		P 30	L 43	# 10
Vaguire, Valerie	Copperopolis (aff'l w/ CME Co	onsulting and Cisco)	Maguire, \	/alerie		Copperopolis	(aff'l w/ CME Co	onsulting and Cisco)
Comment Type E	Comment Status X			Comment	Type E	Comment S	Status X		
Consider adding place	ceholder information for P802.3d	а		Consi	der using alterna	ate sentence str	ucture than a '	shall" statement	
SuggestedRemedy				Suggestee	dRemedy				
Insert,				Repla	ce, "Transmit fu	nction shall conv	/ert" with, "Tra	Insmit function co	onverts"
Clause 188 through management parame 10BASE-T1S PHY s provision of power of pair mixing segments	amendment includes changes to Clause 189. This amendment ad eters for enhancement of multidro pecified in Clause 147 of IEEE S	ds Physical Lag op 10 Mb/s ope td 802.3-2022, ncludes additio	ver specifications and ration based on the and specifies optional	delive Repla corres	red"	0	correspond "	' with, "The optic with, "from lowes	Ū
(Editor to ensure that	• • • •								
Proposed Response	Response Status O			C/ 168	SC 168.5.3		P 30	L 51	# 11
				Maguire, \	/alerie		Copperopolis	(aff'l w/ CME Co	onsulting and Cisco)
C/ 00 SC 0	P 2	L 4	# 8	Comment	Type E	Comment S	Status X		
Maguire, Valerie	Copperopolis (aff'l w/ CME Co	onsulting and Cisco)	Consi	der using alterna	ate sentence str	ucture than a '	shall" statement	
Comment Type E	Comment Status X			Suggestee	dRemedy				
Consider adding add	litional Keywords.					eceive function s	hall convert"	with, "The PMD r	eceive function
SuggestedRemedy				conve	i is				
Insert in alphabetical Optical Line Termina	l order: Il (OLT), Optical Network Termina	al (ONT), Optic	al Network Unit (ONU)		ce, "from lowest sponds"	to highest shall	correspond" \	with, "from lowes	to highest
Proposed Response	Response Status O			Proposed	Response	Response S	tatus O		
C/ 168 SC 168	P 26	L16	# 9						
Maguire, Valerie	Copperopolis (aff'l w/ CME Co	onsulting and Cisco)						
Comment Type E Consider using alterr	Comment Status X nate sentence structure than a "s	hall" statement	. <u>.</u>						
SuggestedRemedy Replace, "a PMD sha	all be connected" with, "a PMD is	connected"							

Proposed Response Response Status **0**

 C/ 168 SC 168.5.4	P31	L19	# 12	C/ 168 SC 168.	57	P 32	L6	# 15
Maguire, Valerie			sulting and Cisco)	Maguire, Valerie	0.1		-	onsulting and Cisco)
Comment Type E	Comment Status X			Comment Type E	Con	nment Status X		should be and block
Consider using alterr	nate sentence structure than a "s	shall" statement.		Consider using all	ernate sente	ence structure than a	"shall" statemen	t.
SuggestedRemedy				SuggestedRemedy				
Replace, "global sigr reports"	nal detect function shall report" w	/ith, "global signa	I detect function	Replace, "the PM	D shall set" v	vith, "the PMD sets"		
				Replace, "PMD_fa	ult shall be r	mapped to" with, "PM	D_fault is mappe	ed to"
Replace, "SIGNAL_L global indicator"	DETECT shall be a global indicat	tor" with, "SIGNA	L_DETECT is a	Proposed Response	Resp	oonse Status O		
Replace, "SIGNAL_E parameter is generat	DETECT parameter shall be gene ed"	erated" with, "SIG	GNAL_DETECT	C/ 168 SC 168.	5.8	P 32	L13	# 16
Proposed Response	Response Status 0			Maguire, Valerie		Copperopolis	(aff'l w/ CME Co	onsulting and Cisco)
				Comment Type E	Con	nment Status X	,	с ,
C 168 SC 168.5.5	<i>P</i> 31	L 42	# 13	Consider using all	ernate sente	ence structure than a	"shall" statemen	t.
Maguire, Valerie			sulting and Cisco)	SuggestedRemedy				
Comment Type E	Copperopolis (Comment Status X		sulling and Cisco)	Replace, "the PM	O shall set" v	vith, "the PMD sets"		
51	nate sentence structure than a "s	shall" statement.		Replace, "PMD_tr	ansmit_fault	shall be mapped to"	with, "PMD_tran	smit_fault is mapped to
SuggestedRemedy				Proposed Response	Resp	oonse Status O		
,	hall be reset" with, "the PMD is r	reset"						
Proposed Response	Response Status 0			C/ 168 SC 168.	5.9	P 32	L 21	# 17
				Maguire, Valerie		Copperopolis	(aff'l w/ CME Co	onsulting and Cisco)
C/ 168 SC 168.5.6	<i>P</i> 31	L 47	# 14	Comment Type E	Con	nment Status X	,	o ,
/laguire, Valerie	Copperopolis (aff'l w/ CME Con	sulting and Cisco)	Consider using all	ernate sente	ence structure than a	"shall" statemen	t.
Comment Type E	Comment Status X		č ,	SuggestedRemedy				
Consider using alterr	nate sentence structure than a "s	shall" statement.		Replace, "100GB/	ASE-BRx-U F	PMD shall include" wi	th, "100GBASE-	BRx-U PMD includes"
SuggestedRemedy				Replace, "the PM	O shall set th	e" with, "the PMD set	ts the"	
	with this clause shall include" wi	th. "compliant wit	h this clause includes"					
Replace, "compliant		,		Renlace "DMD m	aceive faulta	shall he manned" with	n "PMD receive	fault is manned"
	on shall turn off" with, "this function	· ·		Replace, "PMD_re Proposed Response	—	shall be mapped" with conse Status O	n, "PMD_receive	_fault is mapped"

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

	0 P32	L 31	# 18	C/ 168 SC 168.1	P 26	L 22	# 22
/laguire, Valerie	Copperopolis (aff'l w/ CME Co	nsulting and Cisco)	Lusted, Kent	Synopsys		
Comment Type E	Comment Status X			Comment Type T	Comment Status X		
Consider using altern	ate sentence structure than a "s	hall" statement.		The 100GAUI-1 C2C	and 100GAUI-1 C2M annexes	should be refere	enced in Table 168-1
SuggestedRemedy				SuggestedRemedy			
Replace, "Silent start	shall be provided" with, "Silent s	start is provided	"		0GAUI-1 C2C (Annex 120F) ai	nd 100GAUI-1 C2	2M (Annex 120G)
Proposed Response	Response Status O			Type = optional			
				Proposed Response	Response Status O		
C/ 168 SC 168.7.1	1 P 40	L 53	# 19		Dee	1.00	# [00
Maguire, Valerie	Copperopolis (aff'l w/ CME Co	nsulting and Cisco)	C/ 168 SC 168.1	P 26	L 33	# 23
Comment Type E	Comment Status X			Lusted, Kent	Synopsys		
Consider using altern	ate sentence structure than a "s	hall" statement.		Comment Type TR	Comment Status X		
SuggestedRemedy					es that Clause 91 RS-FEC is re nention in the draft specificatio		
Replace, "RIN shall b	e as defined" with, "RIN is define	ed "		the 100GBASE-BRx	PMDs. Note that Clause 91 de		
roposed Response	Response Status O			RS(544).			
	, · · · · · · · · · · · · · · · · · · ·			SuggestedRemedy			
					to the draft. Specifically, Claus		
C/00 SC 0	P 7	L 31	# 20	•	the relevant sub-clauses for R	3(328) OF K3(544	+)
usted, Kent	Synopsys			Proposed Response	Response Status O		
Comment Type E	Comment Status X						
Fill in the balloter info	rmation in the introduction			C/FM SC FM	P 1	L 23	# 24
SuggestedRemedy				Ran, Adee	Cisco System	ns, Inc.	
Fill in the balloter info	rmation in the introduction			Comment Type E	Comment Status X		
Proposed Response	Response Status O			The list of amendmer Currently ratified ame	nts is missing. endments are listed in the prop	osed response.	
		1.00	" []	SuggestedRemedy			
		L 30	# 21	Change "as amended	by IEEE Std 802.3yy-20xx"		
	P 22						
usted, Kent	Synopsys			to "as amended by IEEF	Std 802 3dd-2022 JEEE Std	802 3cs-2022 IE	EE Std 802 3db-202
usted, Kent Comment Type T		should be refere	nced in Table 157-6.	"as amended by IEEI IEEE Std 802.3ck-20	E Std 802.3dd-2022, IEEE Std 22, IEEE Std 802.3de-2022, IE Std 802.3cy-2023, IEEE Std 80	EE Std 802.3cx-	2023, IEEE Std
usted, Kent Comment Type T The 100GAUI-1 C2C	Synopsys Comment Status X	should be refere	nced in Table 157-6.	"as amended by IEEI IEEE Std 802.3ck-20	22, IEEE Std 802.3de-2022, IE	EE Std 802.3cx-	2023, IEEE Std
usted, Kent Comment Type T The 100GAUI-1 C2C SuggestedRemedy	Synopsys Comment Status X			"as amended by IEE IEEE Std 802.3ck-20 802.3cz-2023, IEEE	22, IEEE Std 802.3de-2022, IE	EE Std 802.3cx-	2023, IEEE Std

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/FM SC FM	P 1	L 26	# 25	CI 00	SC O		P 1	L	# 28
Ran, Adee	Cisco System	ns, Inc.		Ran, Adee		Ci	isco Systen	ns, Inc.	
Comment Type E	Comment Status X			Comment	Type TR	Comment Sta	atus X		
Task Force review has	s completed.								r". The word "strand"
SuggestedRemedy						es in the draft, but all related to coppe			e standard has only 3
Change "Task Force r	review" to "Working Group Bal	llot".			clear what "stra			t optical libers.	
Proposed Response	Response Status 0			Suggested	Remedy				
									suggest changing "a
		1.0	"		strand of single in 30.5.1.1.2.	-mode fiber" to "or	ne single-m	ode fiber", consis	tent with the text
C/FM SC FM	P8	L 3	# 26			draft (3 instances,	, and possb	ly other places as	s appropriate).
Ran, Adee	Cisco System	ns, Inc.		Proposed I	Response	Response Sta	tus O		
Comment Type E	Comment Status X								
·	ne text box should be replaced	1.							
SuggestedRemedy				C/ 45	SC 45.2.1.7	4	P13	L12	# 29
,									
Change from	IVY IEEE Draft Standard for Et	thernet Amendm	ent: Amendment title	Ran, Adee			isco Systen		
Change from	xx, IEEE Draft Standard for Et	thernet. Amendm	ent: Amendment title	Ran, Adee Comment	Type ER	Ci Comment Sta	isco Systen atus X	ns, Inc.	
Change from "IEEE Std 802.3xx-20 (copy from PAR)." to				Ran, Adee <i>Comment</i> Table 4	<i>Type</i> ER 45-9 has been a	Ci <i>Comment Sta</i> amended multiple t	isco Systen atus X	ns, Inc.	
Change from "IEEE Std 802.3xx-20: (copy from PAR)." to "IEEE Std 802.3dk-20:	0xx, IEEE Draft Standard for Et			Ran, Adee Comment Table 4 versior	<i>Type</i> ER 45-9 has been a n the amendme	Ci <i>Comment Sta</i> amended multiple t	isco Systen atus X times. The	ns, Inc. editorial instructio	on should state which
Change from "IEEE Std 802.3xx-202 (copy from PAR)." to "IEEE Std 802.3dk-202 Gb/s Optical Access F	0xx, IEEE Draft Standard for Et PHYs"			Ran, Adee Comment Table 4 versior Similar I believ	<i>Type</i> ER 45-9 has been a the amendme ly for other tabl ve the current ve	Ci Comment Sta amended multiple f nt is based on. es in existing claus ersion of table 45-5	isco Systen atus X times. The ses (45 and	ns, Inc. editorial instructio	on should state which
Change from "IEEE Std 802.3xx-202 (copy from PAR)." to "IEEE Std 802.3dk-202 Gb/s Optical Access F	0xx, IEEE Draft Standard for Et			Ran, Adee Comment Table 4 versior Similar I believ differer	Type ER 45-9 has been a h the amendme ly for other tabl ve the current vo nt amendments	Ci Comment Sta amended multiple f nt is based on. es in existing claus ersion of table 45-5	isco Systen atus X times. The ses (45 and 9 is in 802.3	ns, Inc. editorial instructio d 80). 3df-2024. Other ta	on should state which ables may be in
Change from "IEEE Std 802.3xx-20; (copy from PAR)." to "IEEE Std 802.3dk-20; Gb/s Optical Access F Proposed Response	0xx, IEEE Draft Standard for Et PHYs" <i>Response Status</i> 0	thernet—Amendr	nent: Bidirectional 100	Ran, Adee Comment T Table 4 versior Similar I believ differer (P802.)	Type ER 45-9 has been a n the amendme rly for other tabl ve the current v nt amendments 3da is also in fl	Ci Comment Sta amended multiple f nt is based on. es in existing claus ersion of table 45-5 ight but I assume F	isco Systen atus X times. The ses (45 and 9 is in 802.3 P802.3dk is	ns, Inc. editorial instruction d 80). 3df-2024. Other ta planned to be co	on should state which ables may be in
Change from "IEEE Std 802.3xx-20; (copy from PAR)." to "IEEE Std 802.3dk-20; Gb/s Optical Access F Proposed Response	0xx, IEEE Draft Standard for Et PHYs"			Ran, Adee Comment Table 4 versior Similar I believ differer (P802.1	Type ER 45-9 has been a h the amendme rly for other tabl ve the current v nt amendments 3da is also in fl bel in the sugge	Ci Comment Sta amended multiple f nt is based on. es in existing claus ersion of table 45-5	isco Systen atus X times. The ses (45 and 9 is in 802.3 P802.3dk is	ns, Inc. editorial instruction d 80). 3df-2024. Other ta planned to be co	on should state which ables may be in
Change from "IEEE Std 802.3xx-20: (copy from PAR)." to "IEEE Std 802.3dk-20: Gb/s Optical Access F Proposed Response C/ FM SC FM	0xx, IEEE Draft Standard for Et PHYs" <i>Response Status</i> 0	thernet—Amendr	nent: Bidirectional 100	Ran, Adee Comment Table 4 version Similar I believ differer (P802.) The lat	Type ER 45-9 has been a in the amendme rly for other tabl ve the current v int amendments 3da is also in fl bel in the sugge Remedy	Ci Comment Sta amended multiple f nt is based on. es in existing claus ersion of table 45-6 ight but I assume F ested remedy is ba	isco Systen atus X times. The ses (45 and 9 is in 802.3 P802.3dk is sed on the	ns, Inc. editorial instruction d 80). 3df-2024. Other ta planned to be co label in 802.3df.	on should state which ables may be in
Change from "IEEE Std 802.3xx-20: (copy from PAR)." to "IEEE Std 802.3dk-20: Gb/s Optical Access F Proposed Response C/ FM SC FM Ran, Adee	Dxx, IEEE Draft Standard for Et PHYs" Response Status O P 8	thernet—Amendr	nent: Bidirectional 100	Ran, Adee Comment Table 4 version Similar I believ differer (P802.1 The lat Suggested In the e	Type ER 45-9 has been a in the amendme dy for other table we the current volution and the current volution of the current volu	Ci Comment Sta amended multiple f nt is based on. es in existing claus ersion of table 45-9 ight but I assume F ested remedy is ba	isco Systen atus X times. The 9 is in 802.3 P802.3dk is sed on the 15-9, chang	ns, Inc. editorial instruction d 80). 3df-2024. Other ta planned to be co label in 802.3df. e the text to:	on should state which ables may be in ompleted first)
Change from "IEEE Std 802.3xx-20: (copy from PAR)." to "IEEE Std 802.3dk-20: Gb/s Optical Access F Proposed Response C/ FM SC FM Ran, Adee	Dxx, IEEE Draft Standard for Et PHYs" <i>Response Status</i> 0 P 8 Cisco System <i>Comment Status</i> X	thernet—Amendr	nent: Bidirectional 100	Ran, Adee Comment Table 4 version Similar I believ differer (P802.) The lat Suggested In the e Insert a	Type ER 45-9 has been a in the amendme rly for other tabl ve the current v int amendments 3da is also in fl bel in the sugge <i>Remedy</i> editorial instruct a new row in Ta	Ci Comment Sta amended multiple f nt is based on. es in existing claus ersion of table 45-9 ight but I assume F ested remedy is ba tion before Table 4 bble 45–9 (as modi	isco Systen atus X times. The 9 is in 802.3 P802.3dk is sed on the 15-9, chang- fied by IEE	ns, Inc. editorial instruction d 80). Bdf-2024. Other ta planned to be co label in 802.3df. e the text to: E Std 802.3db-20	on should state which ables may be in ompleted first) 022, IEEE Std 802.3d
Change from "IEEE Std 802.3xx-20: (copy from PAR)." to "IEEE Std 802.3dk-20: Gb/s Optical Access F Proposed Response C/ FM SC FM Ran, Adee Comment Type E Placeholder should be	Dxx, IEEE Draft Standard for Et PHYs" <i>Response Status</i> 0 P 8 Cisco System <i>Comment Status</i> X	thernet—Amendr	nent: Bidirectional 100	Ran, Adee Comment T Table 4 version Similar I believ differer (P802.1 The lat Suggested In the e Insert a 2022, a follows	Type ER 45-9 has been a in the amendme rly for other tably ve the current vi- nt amendments 3da is also in fl bel in the sugge Remedy editorial instruct a new row in Ta and IEEE 802.3 s (some unchan	Ci Comment Sta amended multiple f nt is based on. es in existing claus ersion of table 45-9 ight but I assume F ested remedy is ba tion before Table 4 ble 45–9 (as modi df-2024) after the ged rows not show	isco Systen atus X times. The ses (45 and 9 is in 802.3 P802.3dk is sed on the 15-9, change fied by IEE row for "100 vn):"	ns, Inc. editorial instruction d 80). Bdf-2024. Other ta planned to be co label in 802.3df. e the text to: E Std 802.3db-20 DGBASE-LR4, 10	on should state which ables may be in ompleted first) 022, IEEE Std 802.30 00GBASE-ER4", as
Change from "IEEE Std 802.3xx-20: (copy from PAR)." to "IEEE Std 802.3dk-20: Gb/s Optical Access F Proposed Response C/ FM SC FM Ran, Adee Comment Type E Placeholder should be SuggestedRemedy	Dxx, IEEE Draft Standard for Et PHYs" <i>Response Status</i> 0 P 8 Cisco System <i>Comment Status</i> X	thernet—Amendr <i>L</i> 31 ns, Inc.	nent: Bidirectional 100	Ran, Adee Comment T Table 4 version Similar I believ differer (P802.1 The lat Suggested In the e Insert a 2022, a follows	Type ER 45-9 has been a in the amendme rly for other tabl ve the current v int amendments 3da is also in fl bel in the sugge <i>Remedy</i> editorial instruct a new row in Ta and IEEE 802.3 s (some unchan e other instruct	Ci Comment Sta amended multiple f nt is based on. es in existing claus ersion of table 45-9 ight but I assume F ested remedy is ba tion before Table 4 ble 45–9 (as modi df-2024) after the	isco Systen atus X times. The ses (45 and 9 is in 802.3 P802.3dk is sed on the 15-9, chang fied by IEE row for "100 vn):" and clause 8	ns, Inc. editorial instruction d 80). Bdf-2024. Other ta planned to be co label in 802.3df. e the text to: E Std 802.3db-20 DGBASE-LR4, 10	on should state which ables may be in ompleted first) 022, IEEE Std 802.30 00GBASE-ER4", as

C/ 157 SC 157	P 17	L1	# 30	C/ 157	SC 157.3	P 24	L 7	# 33
Ran, Adee	Cisco System	is, Inc.		Ran, Adee	l	Cisco System	s, Inc.	
Comment Type ER	Comment Status X			Comment	Туре Е	Comment Status X		
0	ruction for clause 157.			Missin	g period at the	end of the last paragraph.		
	nendment includes the whole class specific changes, per the IEEE \$			Suggested	IRemedy			
-		-		Add a	period.			
	to tables and the addition of a r that are not changed at all (such the draft.			Proposed	Response	Response Status 0		
Previous amendmen	ts can be used as references.			C/ 157	SC 157.6	P 24	L 46	# 34
SuggestedRemedy				Ran, Adee	1	Cisco System	s, Inc.	
Add editorial instruct amendments.	ions to each subclause that is c	hanged, as don	e in previous	Comment	51	Comment Status X		
						include a PICS - it only refers to		
Proposed Response	Response Status O					Subclause 157.6 should be ren be in scope), but even if it is no		
				ameno	dment - it is not	helpful for readers and only ad	lds editiorial bur	den.
C/ 157 SC 157.1.2	2 P17	L30	# 31	Note t clause		through 167, added by the ch	ange in this drat	ft, are not related to this
Ran, Adee	Cisco System	is, Inc.		Suggested				
Comment Type E	Comment Status X			00	ve 157.6 from t	he draft.		
Missing "and" before	80.1.3			Proposed	Resnonse	Response Status 0		
SuggestedRemedy				1 Toposed	100000100			
Insert "and"								
Proposed Response	Response Status 0			C/ 168	SC 168	P 26	L 1	# 35
				Ran, Adee	!	Cisco System	s, Inc.	
				Comment	Type ER	Comment Status X		
C/ 157 SC 157.2.1		L 31	# 32	Missin	g editorial instr	uction for clause 168.		
Ran, Adee	Cisco System	is, Inc.		Suggested	lRemedy			
Comment Type TR	Comment Status X			Add a	n editorial instru	uction: "Insert new clause 168".		
	efined in 802.3ck (100GAUI-1 C Ys. They should be included in		e very relevant for the	Proposed	Response	Response Status O		
SuggestedRemedy								
Add columns for Ann	nexes 120F and 120G, optional	for all PHYs.						
Proposed Response	Response Status 0							

 47 # <u>36</u> C2M) are very relevant for the 68-1. 8 # <u>37</u> iagram in Figure 168-2 is not of us clauses, but an error should 	ppm, to avoid possil The 100 Gb/s AUIs See 800GBASE-VR from 802.3db) as ar SuggestedRemedy	Cisco Syste <i>Comment Status</i> X for recent PMDs with 100 Gb/ ble performance degradatation defined in Annex 120F and 12 8/SR8 PMDs in 802.3df, Table n example of how this is impler Table 168-7, change the signal <i>Response Status</i> O	/s per lane has bee n. 20G support this na e 167-7 and Table mented in new PMI aling rate range to {	arrower range. 167-8 (both amended Ds.
68-1. 8 # <u>37</u> iagram in Figure 168-2 is not of us clauses, but an error should	Comment Type TR The signaling range ppm, to avoid possil The 100 Gb/s AUIs See 800GBASE-VR from 802.3db) as ar SuggestedRemedy In Table 168-6 and Proposed Response	Comment Status X for recent PMDs with 100 Gb/ ble performance degradatation defined in Annex 120F and 12 8/SR8 PMDs in 802.3df, Table n example of how this is impler Table 168-7, change the signa <i>Response Status</i> O	/s per lane has bee n. 20G support this na e 167-7 and Table mented in new PMI aling rate range to {	arrower range. 167-8 (both amended Ds.
68-1. 8 # <u>37</u> iagram in Figure 168-2 is not of us clauses, but an error should	The signaling range ppm, to avoid possil The 100 Gb/s AUIs See 800GBASE-VR from 802.3db) as ar SuggestedRemedy In Table 168-6 and Proposed Response	for recent PMDs with 100 Gb/ ble performance degradatation defined in Annex 120F and 12 8/SR8 PMDs in 802.3df, Table n example of how this is impler Table 168-7, change the signa <i>Response Status</i> O	n. 20G support this na e 167-7 and Table mented in new PMI aling rate range to §	arrower range. 167-8 (both amended Ds.
iagram in Figure 168-2 is not of us clauses, but an error should	See 800GBASE-VR from 802.3db) as ar SuggestedRemedy In Table 168-6 and Proposed Response Cl 168 SC 168.6.	8/SR8 PMDs in 802.3df, Table a example of how this is impler Table 168-7, change the signa <i>Response Status</i> O	e 167-7 and Table nented in new PMI aling rate range to {	167-8 (both amended Ds.
iagram in Figure 168-2 is not of us clauses, but an error should	from 802.3db) as ar SuggestedRemedy In Table 168-6 and Proposed Response Cl 168 SC 168.6.	n example of how this is impler Table 168-7, change the signa <i>Response Status</i> O	nented in new PMI	Ds.
iagram in Figure 168-2 is not of us clauses, but an error should	In Table 168-6 and Proposed Response Cl 168 SC 168.6.	Response Status O		53.125 +/- 50 ppm.
iagram in Figure 168-2 is not of us clauses, but an error should	Proposed Response	Response Status O		53.125 +/- 50 ppm.
us clauses, but an error should	Cl 168 SC 168.6.		/ 00	
us clauses, but an error should		1 <i>P</i> 33	1.00	
us clauses, but an error should		1 P33	1.00	
	Ran, Adee		L 28	# 40
		Cisco Syste	ems, Inc.	
	Comment Type ER	Comment Status X		
in P802.3dj.	indicated by indenta			
lock diagram".				
			= TDECQ(max)" is	overly long and can
	SuggestedRemedy			
53 # <u>38</u>				
	0	<= max(TECQ, TDECQ) <= 11	DECQ(max)" to "fo	or max(TECQ, TDECC
		Response Status		
be bypassed for any operating				
lso, this statement is out of				
Nso, this statement is out of				
Also, this statement is out of				
	lock diagram". 53 # <u>38</u>	indicated by indenta that these are two c The phrase "for 1.4 be shortened to imp SuggestedRemedy Indent the sub-rows Change "for 1.4 dB >= 1.4" Proposed Response	 indicated by indentation, as done in the "Receiver that these are two cases. The phrase "for 1.4 dB <= max(TECQ, TDECQ) < be shortened to improve readability. SuggestedRemedy Indent the sub-rows starting with "for". Change "for 1.4 dB <= max(TECQ, TDECQ) <= T >= 1.4" 	 indicated by indentation, as done in the "Receiver sensitivity" row in that these are two cases. The phrase "for 1.4 dB <= max(TECQ, TDECQ) <= TDECQ(max)" is be shortened to improve readability. SuggestedRemedy Indent the sub-rows starting with "for". Change "for 1.4 dB <= max(TECQ, TDECQ) <= TDECQ(max)" to "for >= 1.4"

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 50	# 41	C/ 168	SC 168.6.1	P33	L36	# 43
Ran, Adee	00 100.0.1	Cisco System		# 41	Ran, Adee		Cisco Syster		# 43
,		-	5, 1110.		,			115, 1110.	
irreleva change	ate b of Table 16 ant. The relevant as need to be ma	,	assuming it is co	nsistent; if not, further	The de unders	mitter over/unde finitions in subo shoot, while "ove	Comment Status X er -shoot" is shorthand that sl lause 168.7.7 are actually to r/under-shoot" is not defined as been changed to "oversh	two different para l at all.	ameters, overshoot and
Also, e	xternal reference	es should be indicated by "for	est green" text c	olor.					
Suggested		o "Clause 140" and format as	ovtornal rafaran	on (forget groop)		he definition sub .8) instead of ol	clause 168.7.7 should be ali ler clauses.	gned with the rec	cent text in 802.3db
0				ce (lolest gleell).	Suggestea	lRemedy			
Proposed F	Response	Response Status 0			Chang	e the text in 168	vershoot/undershoot (max)" .7.7 to align it with 167.8.8 ir 10 and elsewhere accordingl	n 802.3db-2022.	
7 168	SC 168.6.1	P 34	L 1	# 42	Proposed	Response	Response Status 0		
Ran, Adee		Cisco System	s, Inc.						
Comment T		Comment Status X			C/ 168	SC 168.7.1	P36	L1	# 44
		gh 168-3 are not equations - the state of th	hey are expressi	ons that don't mean	Ran, Adee		Cisco Syster		# 44
It would	d ha a hattar sar	vice to the reader if these exp	pressions are nla	ced directly in the	Comment	Type TR	Comment Status X		
table.							10 is incorrect. It does not inc		
Suggested	Remedy				definiti sublcla		tains is the mapping of parar	neters to test pat	terns and related
Move t equatio		s into Table 168-8, OMA_out	er row, replacing	the references to the			me title exists in many previo	ous clauses, but a	an error should not be
Proposed F	Response	Response Status 0			carried		lause. It has been corrected		
					Suggestea	IRemedy			
						e the title of Tal	le 168-10 to "Mapping of pa	rameters to test p	patterns and related
					D	D			

Proposed Response Response Status **0**

C/ 168	SC 168.7.1	P 36	L7	# 45	C/ 168 SC 168.7.1	1 P41	L 3	# 48
Ran, Adee		Cisco System	s, Inc.		Ran, Adee	Cisco Syst	ems, Inc.	
ر <i>Comment T</i> y Typo in		Comment Status X			<i>Comment Type</i> T The signaling rate is	Comment Status X 53.125 GBd, so the number	should be 53.125	GHz, not 53.2.
S <i>uggestedR</i> Change	Remedy e to "Side"				SuggestedRemedy Change per commen	t.		
Proposed R	esponse	Response Status O			Proposed Response	Response Status O		
C/ 168	SC 168.7.5.3	P38	L 50	# 46	C/ 168 SC 168.7.1	2 P41	L 32	# 49
Ran, Adee		Cisco System	s, Inc.		Ran, Adee	Cisco Syst	ems, Inc.	
Comment Ty	ype ER	Comment Status X			Comment Type E	Comment Status X		
Referen referenc		s not a functional link. It sho	uld be formatted	d as an external		uation 168-4 is not active. s 168-5 and 168-6 in the su		h e
101010110	Je.				Similarly for equation	s 100-5 and 100-0 in the su	osequent paragrap	ons.
		foreness opposin 169 7 12	1 160 7 12 0 1	160 7 10 0 160 7 7 (2	SuggestedRemedy		psequent paragrap	ins.
Other si	imilar external re	ferences appear in 168.7.13 68.8.1, and maybe other pla		168.7.13.3, 168.7.7 (3			osequent paragrap	ins.
Other sin	imilar external re ces), 168.7.11, 10			168.7.13.3, 168.7.7 (3	SuggestedRemedy		osequent paragrap	ns.
Other sin referenc SuggestedR	imilar external re ces), 168.7.11, 10 Remedy		ces.	168.7.13.3, 168.7.7 (3	SuggestedRemedy Make the cross-refere	ences active.	osequent paragrap	ns.
Other si referenc SuggestedR Format a	imilar external re ces), 168.7.11, 19 Remedy all external refere	68.8.1, and maybe other pla	ces.	168.7.13.3, 168.7.7 (3	SuggestedRemedy Make the cross-refere Proposed Response	ences active. Response Status O		
Other sin reference SuggestedR Format a	imilar external re ces), 168.7.11, 19 Remedy all external refere	68.8.1, and maybe other pla ences in forest green text co	ces.	168.7.13.3, 168.7.7 (3	SuggestedRemedy Make the cross-reference Proposed Response Cl 168 SC 168.7.1	ences active. <i>Response Status</i> O 2 P41	L40	# <u>50</u>
Other si reference SuggestedR Format a Proposed Re	imilar external reces), 168.7.11, 10 Remedy all external references Pesponse	68.8.1, and maybe other pla ences in forest green text co <i>Response Status</i> O	ces. lor.		SuggestedRemedy Make the cross-reference Proposed Response C/ 168 SC 168.7.1 Ran, Adee	ences active. <i>Response Status</i> O 2 P41 Cisco Syst	L40	
Other si reference SuggestedR Format a Proposed Re	imilar external re ces), 168.7.11, 19 Remedy all external refere	68.8.1, and maybe other pla ences in forest green text co	ces.	168.7.13.3, 168.7.7 (3 # <u>47</u>	SuggestedRemedy Make the cross-reference Proposed Response Cl 168 SC 168.7.1 Ran, Adee Comment Type TR	ences active. Response Status O 2 P41 Cisco Syst Comment Status X	<i>L</i> 40 ems, Inc.	# 50
Other si reference SuggestedR Format a Proposed Ro Cl 168	imilar external reces), 168.7.11, 10 Remedy all external references Pesponse	68.8.1, and maybe other pla ences in forest green text co <i>Response Status</i> O	ces. olor. L 3		SuggestedRemedy Make the cross-reference Proposed Response Cl 168 SC 168.7.1 Ran, Adee Comment Type TR Equations 168-4 thro	ences active. <i>Response Status</i> O 2 P41 Cisco Syst <i>Comment Status</i> X ugh 168-5 have equal signs	L40 ems, Inc. and define receive	# <u>50</u> er sensitivity - but the
Other sii reference SuggestedR Format a Proposed Ro Cl 168 Ran, Adee Comment Ty	imilar external re ces), 168.7.11, 10 Remedy all external refere response SC 168.7.5.4 type E	68.8.1, and maybe other pla ences in forest green text co <i>Response Status</i> O <i>P</i> 39 Cisco System <i>Comment Status</i> X	ces. olor. L 3		SuggestedRemedy Make the cross-reference Proposed Response Cl 168 SC 168.7.1 Ran, Adee Comment Type TR Equations 168-4 thro	ences active. <i>Response Status</i> O 2 P41 Cisco Syst <i>Comment Status</i> X ugh 168-5 have equal signs tes not need to be equal to a	L40 ems, Inc. and define receive	# <u>50</u> er sensitivity - but the
Other sii reference SuggestedR Format a Proposed Re CI 168 Ran, Adee Comment Ty "5 tap, T	imilar external re ces), 168.7.11, 10 Remedy all external refere response SC 168.7.5.4 Sype E F spaced" should	68.8.1, and maybe other pla ences in forest green text co <i>Response Status</i> O <i>P</i> 39 Cisco System <i>Comment Status</i> X I be "5-tap, T-spaced".	ces. olor. L 3		SuggestedRemedy Make the cross-reference Proposed Response Cl 168 SC 168.7.1 Ran, Adee Comment Type TR Equations 168-4 thro receiver sensitivity do	ences active. <i>Response Status</i> O 2 P41 Cisco Syst <i>Comment Status</i> X ugh 168-5 have equal signs tes not need to be equal to a	L40 ems, Inc. and define receive	# <u>50</u> er sensitivity - but the
Other sii reference SuggestedR Format a Proposed Re Cl 168 Ran, Adee Comment Ty "5 tap, T	imilar external re ces), 168.7.11, 10 Remedy all external refere response SC 168.7.5.4 type E	68.8.1, and maybe other pla ences in forest green text co <i>Response Status</i> O <i>P</i> 39 Cisco System <i>Comment Status</i> X I be "5-tap, T-spaced".	ces. olor. L 3		SuggestedRemedy Make the cross-reference Proposed Response Cl 168 SC 168.7.1 Ran, Adee Comment Type TR Equations 168-4 thro receiver sensitivity do maximum, as shown SuggestedRemedy Either change the eq	ences active. <i>Response Status</i> O 2 P41 Cisco Syst <i>Comment Status</i> X ugh 168-5 have equal signs tes not need to be equal to a	L40 ems, Inc. and define receive a value - it should I	# <u>50</u> er sensitivity - but the be below some
Other sii reference SuggestedR Format a Proposed Ro Cl 168 Ran, Adee Comment Ty "5 tap, T (see for I am awa	imilar external re ces), 168.7.11, 10 Remedy all external refere response SC 168.7.5.4 Cype E T spaced" should example 167.8.6 vare that the sam	68.8.1, and maybe other pla ences in forest green text co <i>Response Status</i> O <i>P</i> 39 Cisco System <i>Comment Status</i> X I be "5-tap, T-spaced". 6.1 in 802.3db) e text exists in many previou	ces. blor. <i>L</i> 3 s, Inc.	# <mark>47</mark>	SuggestedRemedy Make the cross-reference Proposed Response Cl 168 SC 168.7.1 Ran, Adee Comment Type TR Equations 168-4 thro receiver sensitivity do maximum, as shown SuggestedRemedy Either change the eq maximum RS.	ences active. <i>Response Status</i> 0 2 <i>P</i> 41 Cisco Syst <i>Comment Status</i> X ugh 168-5 have equal signs les not need to be equal to a in the figure. uation to have a "lower than	L40 ems, Inc. and define receive a value - it should I	# <u>50</u> er sensitivity - but the be below some
Other sii reference SuggestedR Format a Proposed Re Cl 168 Ran, Adee Comment Ty "5 tap, T (see for I am awa carried o	imilar external re ces), 168.7.11, 10 Remedy all external reference response SC 168.7.5.4 Sype E F spaced" should example 167.8.6 rare that the sam over to a new cla	68.8.1, and maybe other pla ences in forest green text co <i>Response Status</i> O <i>P</i> 39 Cisco System <i>Comment Status</i> X I be "5-tap, T-spaced". 6.1 in 802.3db) e text exists in many previou	ces. blor. <i>L</i> 3 s, Inc.	# <mark>47</mark>	SuggestedRemedy Make the cross-reference Proposed Response Cl 168 SC 168.7.1 Ran, Adee Comment Type TR Equations 168-4 thro receiver sensitivity do maximum, as shown SuggestedRemedy Either change the eq	ences active. <i>Response Status</i> 0 2 <i>P</i> 41 Cisco Syst <i>Comment Status</i> X ugh 168-5 have equal signs bes not need to be equal to a in the figure.	L40 ems, Inc. and define receive a value - it should I	# <u>50</u> er sensitivity - but the be below some
Other sii reference SuggestedR Format a Proposed Ro Cl 168 Ran, Adee Comment Ty "5 tap, T (see for I am awa carried o SuggestedR	imilar external reces), 168.7.11, 10 Remedy all external reference response SC 168.7.5.4 Sype E If spaced" should example 167.8.6 vare that the sam over to a new cla Remedy	68.8.1, and maybe other pla ences in forest green text co <i>Response Status</i> O <i>P</i> 39 Cisco System <i>Comment Status</i> X I be "5-tap, T-spaced". 6.1 in 802.3db) e text exists in many previou	ces. blor. <i>L</i> 3 s, Inc.	# <mark>47</mark>	SuggestedRemedy Make the cross-reference Proposed Response Cl 168 SC 168.7.1 Ran, Adee Comment Type TR Equations 168-4 thro receiver sensitivity do maximum, as shown SuggestedRemedy Either change the eq maximum RS.	ences active. <i>Response Status</i> 0 2 <i>P</i> 41 Cisco Syst <i>Comment Status</i> X ugh 168-5 have equal signs les not need to be equal to a in the figure. uation to have a "lower than	L40 ems, Inc. and define receive a value - it should I	# <u>50</u> er sensitivity - but the be below some
Other sii reference SuggestedR Format a Proposed Ro Cl 168 Ran, Adee Comment Ty "5 tap, T (see for I am awa carried o SuggestedR	imilar external reces), 168.7.11, 19 Remedy all external reference response SC 168.7.5.4 Sype E T spaced" should example 167.8.6 vare that the sam over to a new clar Remedy e per comment.	68.8.1, and maybe other pla ences in forest green text co <i>Response Status</i> O <i>P</i> 39 Cisco System <i>Comment Status</i> X I be "5-tap, T-spaced". 6.1 in 802.3db) e text exists in many previou	ces. blor. <i>L</i> 3 s, Inc.	# <mark>47</mark>	SuggestedRemedy Make the cross-reference Proposed Response Cl 168 SC 168.7.1 Ran, Adee Comment Type TR Equations 168-4 thro receiver sensitivity do maximum, as shown SuggestedRemedy Either change the eq maximum RS.	ences active. <i>Response Status</i> 0 2 <i>P</i> 41 Cisco Syst <i>Comment Status</i> X ugh 168-5 have equal signs les not need to be equal to a in the figure. uation to have a "lower than	L40 ems, Inc. and define receive a value - it should I	# <u>50</u> er sensitivity - but the be below some

C/ 168 SC 168.7.12	2 <i>P</i> 41	L 7	# 51	C/ Particip SC Participants	P 7	L 4	# 54
Ran, Adee	Cisco System	ns, Inc.		Regev, Alon	Keysight		
Comment Type ER Figure 168-6 is a bitm	<i>Comment Status</i> X hap with poor quality.			Comment Type E Comment St "P802.3xx" should be "P802.3dk"	atus X		
SuggestedRemedy Replace the figure wit	h an SVG one.			SuggestedRemedy change "P802.3xx" to "P802.3dk"			
Proposed Response	Response Status O			Proposed Response Response St.	atus O		
C/ 168 SC 168.7.12	2 <i>P</i> 41	L15	# 52	C/ Introdu SC Introduction	P 8	L31	# 55
Ran, Adee	Cisco System	ns, Inc.		Regev, Alon	Keysight		
Comment Type TR	Comment Status X			Comment Type E Comment St	atus X		
	ation constraints" appears betw een these lines, which is incor		uggests that the	"802.3xx" should be "802.3dk"			
-	een these lines, which is incor	neci.		SuggestedRemedy			
SuggestedRemedy Move the label below	the bottom line			"802.3xx" should be "802.3dk"			
Proposed Response				Proposed Response Response Sta	atus O		
Toposed Nesponse	Response Status O						
C/00 SC 0		10	# [50]	C/ Introdu SC Introduction	P 8	L 4	# 56
	P 0 Kousisht	L 0	# 53	Regev, Alon	Keysight		
Regev, Alon	Keysight Comment Status X			Comment Type E Comment St	atus X		
Comment Type E	rties contain incorrect data:			"802.3xx" should be "802.3dk"			
Tile is listed as "IEEE	Draft P802.3xx"			SuggestedRemedy			
Author is listed as "IE Subject is listed as "IE	EE P802.3xx Task Force"			"802.3xx" should be "802.3dk"			
	opyright © 201x IEEE. All righ	ts reserved."		Proposed Response Response Sta	atus O		
SuggestedRemedy							
	E Draft P802.3xx" to "IEEE Di		"	C/ 45 SC 45.2.1.28	P 15	L 44	# 57
	EEE P802.3xx Task Force" to "IEEE P802.3aj" to ""IEEE P80		Task Force"	Regev, Alon	Keysight		
change copyright noti	ce from "Copyright © 201x IEE		erved." to "Copyright ©	Comment Type T Comment St			
2025 IEEE. All rights i				Instead of just deleting "1 0 1 x x x = Re	eserved", rep	lace it with "1 0 1	1 1 x = Reserved"
Proposed Response	Response Status O			SuggestedRemedy			
				Instead of deleting "1 0 1 x x x = Reser	ved", replace	it with "10111	x = Reserved"

C/ 30 SC 30.5.1.1	1.2 <i>P</i> 12	L20	# 58	C/ 157 SC 157.3	P 24	L23	# 61
Regev, Alon	Keysight			Regev, Alon	Keysight		
Comment Type E References to "Claus	Comment Status X se 168" should be links			<i>Comment Type</i> E "80.4" should be a link	Comment Status X		
SuggestedRemedy				SuggestedRemedy			
on lines 20, 23, 26, 29 "Clause 168"	9, 32, and 35 make the referen	nces to "Clause 16	68" into links to	change "80.4" to a link to			
Proposed Response	Response Status 0			Proposed Response	Response Status O		
C/ 157 SC 157.2.1	Daa	1 22	# 59	C/ 168 SC 168.1	P 26	L7	# 62
		L 32	# 59	Regev, Alon	Keysight		
Regev, Alon Comment Type E	Keysight <i>Comment Status</i> X			Comment Type E	Comment Status X		
••	in the column headers should l	be links to the cla	uses	remove editor's notes pri	ior to publication		
SuggestedRemedy				SuggestedRemedy			
,	abels "81", "82", "91", "83", "83/	A" 83B" "83D" "8	83F" "135" "135D"	remove editor's notes pri	ior to publication		
"135E", "135F", and "		(, 00D , 00D , 1	, 100 , 100D ,	Proposed Response	Response Status 0		
Proposed Response	Response Status 0						
				C/ 158 SC 158.2	P 28	L12	# 63
C/ 157 SC 157.3	P24	L7	# 60	Cl 158 SC 158.2 Regev, Alon	P 28 Keysight	L 12	# 63
Regev, Alon	P 24 Keysight Comment Status X	L7	# 60			L12	# 63
Regev, Alon Comment Type E "80.3" should be a linl	Keysight Comment Status X	L7	# 60	Regev, Alon Comment Type E	Keysight Comment Status X	L12	# 63
Regev, Alon <i>Comment Type</i> E "80.3" should be a linl	Keysight <i>Comment Status</i> X k	L7	# <u>60</u>	Regev, Alon Comment Type E "80.3" should be a link SuggestedRemedy	Keysight Comment Status X	L12	# 63
Regev, Alon Comment Type E "80.3" should be a linl SuggestedRemedy change "80.3" to a lin	Keysight <i>Comment Status</i> X k	L7	# <u>60</u>	Regev, Alon Comment Type E "80.3" should be a link SuggestedRemedy change "80.3" to a link to	Keysight Comment Status X	L12	# <u>63</u>
Regev, Alon Comment Type E "80.3" should be a linl SuggestedRemedy change "80.3" to a lin	Keysight <i>Comment Status</i> X kk	L7	# <u>60</u>	Regev, Alon Comment Type E "80.3" should be a link SuggestedRemedy change "80.3" to a link to	Keysight Comment Status X	L 12 L 30	# <u>63</u> # <u>64</u>
Regev, Alon Comment Type E "80.3" should be a linl SuggestedRemedy change "80.3" to a lin	Keysight <i>Comment Status</i> X kk	L7	# <u>60</u>	Regev, Alon Comment Type E "80.3" should be a link SuggestedRemedy change "80.3" to a link to Proposed Response	Keysight Comment Status X o "80.3" Response Status O		
Regev, Alon Comment Type E "80.3" should be a linl SuggestedRemedy change "80.3" to a lin	Keysight <i>Comment Status</i> X kk	L7	# <u>60</u>	Regev, Alon <i>Comment Type</i> E "80.3" should be a link <i>SuggestedRemedy</i> change "80.3" to a link to <i>Proposed Response</i> <i>Cl</i> 157 SC 157.1.2	Keysight Comment Status X o "80.3" Response Status O P17 Keysight Comment Status X		
Regev, Alon Comment Type E "80.3" should be a linl SuggestedRemedy	Keysight <i>Comment Status</i> X kk	L7	# <u>60</u>	Regev, Alon <i>Comment Type</i> E "80.3" should be a link <i>SuggestedRemedy</i> change "80.3" to a link to <i>Proposed Response</i> <i>Cl</i> 157 <i>SC</i> 157.1.2 Regev, Alon <i>Comment Type</i> E	Keysight Comment Status X o "80.3" Response Status O P17 Keysight Comment Status X 0.1.3"		

Regev, Alon Keysight Comment Type E Comment Status X "sidn" should be "side" SuggestedRemedy change "sidn-mode" to "side-mode" Proposed Response Response Status O	Opsasnick, Eugene Comment Type TR Comm Table 168-1 lists the Clause 91 BR40. Clause 91 defines both R these two FEC codes should be 91.5.3.3 list which PHYs use RS features of each FEC code. SuggestedRemedy	RS[528] and RS[544] used with the BR10	d for 100GBASE-E , but there is no in	
"sidn" should be "side" SuggestedRemedy change "sidn-mode" to "side-mode"	Table 168-1 lists the Clause 91 BR40. Clause 91 defines both R these two FEC codes should be 91.5.3.3 list which PHYs use RS features of each FEC code.	RS-FEC as Required S[528] and RS[544] used with the BR10	, but there is no in	
SuggestedRemedy change "sidn-mode" to "side-mode"	BR40. Clause 91 defines both R these two FEC codes should be 91.5.3.3 list which PHYs use RS features of each FEC code.	RS[528] and RS[544] used with the BR10	, but there is no in	
change "sidn-mode" to "side-mode"	these two FEC codes should be 91.5.3.3 list which PHYs use RS features of each FEC code.	used with the BR10		
5	91.5.3.3 list which PHYs use RS features of each FEC code.			
Proposed Response Response Status O			e RS[544] along wi	
	SuggestedRemedy			
	Add Clause 91 to the standard a that implement RS[544] as was			
C/ 157 SC 157.2.1 P22 L41 # 66	that implement (G[044] as was		100GBASE-CR1/r	MAT.
Aaki, Jeffery Juniper Networks	In 91.5.2.7 add:			
Comment Type T Comment Status X	Change the second sentence of Std 802.3ck-2022)	the second paragra	ph of 91.5.2.7 (as	modified by IEEE
100GAUI-1 C2C & 100GAUI-1 C2M are missing.	as follows:			
SuggestedRemedy	When used to form a 100GBAS	E-KPA 100GBASE-	CR2 100CBASE	KR2 100GBASE
Add 100GAUI-1 C2C & 100GAUI-1 C2M	VR1, 100GBASE-SR2, 100GBA	,	,	,
Proposed Response Response Status O	LR1,100GBASE-CR1, or 100GE			
	100GBASE-BR40 PHY, the RS-	FEC sublayer shall i	mplement RS(544	ł,514).
C/ 168 SC 168.1 P26 L48 # 67	In 91.5.3.3 add:			
	Change the second sentence of	the second paragra	ph of 91.5.3.3 (as	modified by IEEE
Aaki, Jeffery Juniper Networks	Std 802.3ck-2022) as follows:			
Comment Type T Comment Status X 100GAUI-1 C2C & 100GAUI-1 C2M are missing.				
J. J	When used to form a 100GBAS VR1, 100GBASE-SR2, 100GBA			
	LR1, 100GBASE-CR1, or 100G			
Add 120F-100GAUI-1 C2C & 120G-100GAUI-1 C2M	100GBASE-BR40 PHY, the RS-			ecting any
Proposed Response Response Status O	combination of up to t=15 symbol	ol errors in a codewo	ora.	
	Change the third paragraph of 9	1.5.3.3 (as modified	by IEEE Std 802.	3ck-2022) as follows:
	The Reed-Solomon decoder ma			
	correction to reduce the delay of	ontributed by the RS	-FEC sublayer. Th	te presence of this
	option is indicated by the assert 91.6.8). When the option is prov			
	FEC_bypass_correction_enable	variable (see 91.6.1). This option sha	II not be used when
	the RS-FEC sublayer is used to			
	100GBASE-VR1, 100GBASE-S 100GBASE-FR1, 100GBASE-LI	,	,	, , ,
	BR10, 100GBASE-BR20, or 100			,
	Change the last sentence of the 802.3ck-2022) as	last paragraph of 91	I.5.3.3 (as modifie	d by IEEE Std
"YPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general required STATUS: D/open W/writte COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/writte	neral		ent ID 68	Page 12 of 48

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

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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 0

C/ 168	SC 168.1	P 26	L 33	# 69
Opsasnic	k, Eugene	Broadcom, Inc.		

Comment Type **TR** Comment Status X

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.

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	ο	

C/ 168	SC ·	168.6.1	P33	L 24	# 70
Johnson,	John		Broadcom		
Comment	Туре	TR	Comment Status X		

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 0

Cl 168	SC 168.6.1	P 33	L 38	# 71
Johnson,	John	Broadcom		

Comment Type **TR** Comment Status X

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 0

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

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 0

C/ 168	SC 168.7.4	P36	L 46	# 73
Johnson,	John	Broadcom		
<u> </u>				

Comment Type TR Comment Status X

Add text to clarify the reference receiver used to measure OMAouter, refering to the definitions in 168.7.5.

SuggestedRemedy

Add the following sentence to the end of the paragraph:

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

Proposed Response Response Status 0

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

/ 168	SC 168.7.	5	P 37	L 21	# 74	C/ 168	SC	168.7.7	P 39	L37	# 75
ohnson, J	lohn		Broadcom			Johnson,	John		Broadcom		
omment	Type TR	Comme	nt Status X			Comment	Туре	TR	Comment Status X		
of 168	.7.5.1 lists tes	t method exce	ptions that should	be in 168.7.5.3.				arify the re s in 168.7.	ference receiver used to n 5.	neasure TX over/u	ndershoot, refering to
					ame as 121.8.5.4). nethod exceptions	Suggested	dReme	dy			
	c to Cl. 168.		5.5 and list a comp			Repla	ce "but	without the	e reference equalizer bein	g applied in either	case."
uggestea	Remedy					with "a equali		utput of the	e reference receiver define	d in 168.7.5, befo	re the reference
descrij Remov	otions of the revealed of the r	eference receiv		n other test meth		Proposed	Respoi	nse	Response Status O		
Керіас		00.7.5 WITH TH	e tonowing.			C/ 168	SC	168.7.8	P 40	L17	# 76
The TI		lane shall be	within the limits gi	ven in Table 168	-6 if measured using	Johnson, J	John		Broadcom		
		1. 121.8.5.3. 1	21.8.5.4 and 168.	7.5.1. with the fol	lowing exceptions:	Comment	Type	TR	Comment Status X		
specified in 121.8.5.1, 121.8.5.3, 121.8.5.4 and 168.7.5.1, with the following exceptions: — The signaling rate of the test pattern generator is as given in Table 168-6 and uses the test pattern specified for TDECQ in Table 168-10.								arify the re s in 168.7.	ference receiver used to n 5.	neasure TX power	excursion, refering t
			ed of the combination	ation of the O/F c	onverter and the	Suggested	dReme	dy			
oscillo a 3 dB	scope, has	•	26.5625 GHz wit				at the o		e reference equalizer being reference receiver define		re the reference
not ex –20 dE	ceed 3. Compensat				the response should fourth-order Bessel-	Proposed	Respor	nse	Response Status O		
Thoms respor						C/ 168	SC	168.7.9	P 40	L32	# 77
	e normalized n h order	oise power de	nsity spectrum N(f) is equivalent to	white noise filtered by	Johnson, J	John		Broadcom		
		ponse filter wi	th a 3 dB bandwid	lth of 26 5625 GH	17	Comment	Tvpe	TR	Comment Status X		
— The — The	optical returr lowest meas	loss is as give	en in Table 168-6. alues are achieve			Add te	ext to cl		ference receiver used to n	neasure extinction	ratio, refering to the
	d described 8.5 Alternativ	e ontimization	methods such as	minimum mean	squared error (MMSE)	Suggested	dReme	dv			
may be	e o determine e				expected to report	Add th "The e	ne follov extinctio	wing to the	end of the paragraph: neasured using waveforms 7.5, before the reference e		output of the reference
higher sensiti	values of TDI vity and		ternative methods	should not be us	sed for receiver	Proposed			Response Status O	,	
stresse	ea receiver se	nsitivity calibra	luon.								

C/ 168 SC 168.7.10 P40	L 41	# 78	C/ 168	SC	168.7.13	P 42	L1	# 79
Johnson, John Broadd	om		Johnson,	John		Broadcom		
Comment Type TR Comment Status	ĸ		Comment	Туре	TR	Comment Status X		
The reference receiver is previously defined i redefining it in this clause.	n 168.7.5, so it can be	referenced rather than			receiver so ified in 121	ensitivity test method in 16 .8.10.	8.7.13 needlessl	reiterates the test
SuggestedRemedy			Suggestee	dRemec	dy			
Delete the following text: "as measured through an O/E converter and of approximately 26.5625 GHz with a fourth-o × 53.125 GHz and at frequencies above 1.3 × -20 dB. Compensation may be made for any Thomson response." Replace with the following text: "The transmitter transition time is measured u reference receiver defined in 168.7.5, before Proposed Response Response Status	rder Bessel-Thomson 53.125 GHz the respo deviation from an idea sing waveforms captur he reference equalized	response to at least 1.3 onse should not exceed I fourth-order Bessel- red at the output of the	along Stress metas — The 168.7 that th signal no gre — Wit turnee RINXC 168-6 — The conve given — The Stress closur given Table	with a s sed rece ured usiod define e SECQ 5, exce e test fi is eater that the G d off, the DMA of e signal riter are in Table e require sed eye e for PA in 168-7.	short list of eiver sensit ing the ed in 121.8 of the stra- ppt iber is not i an the value aussian not e the SRS te ing rate of as e 168-6 usi ed values of AM4 (SEC0	method of 802.3dj D1.5, 0 exceptions. Replace the sivity of each lane shall be a.10 with the following exc essed receiver conforman- used. The transition time of e specified in Table 168-6 bise generator on and the est source should be no gr the test pattern generator ing test patterns specified of the "Stressed receiver s Q), lane under test" and "O	entirety of 168.7.7 within the limit give peptions: ce test signal is m of the stressed rec sinusoidal jitter ar eater than the val and the extinction in Table 168-10. ensitivity (OMAou	3 with the following text: ven in Table 168-7 if easured according to ceiver conformance test ad sinusoidal interferer ue specified in Table in ratio of the E/O uter), each lane (max)", "
			Proposed	•		Response Status 0		
			C/ 45		45.2.1.28	P15	L 44	# 80
			Simms, W	illiam		NVIDIA		
			Comment	Туре	E	Comment Status X		

Comment ID 80

In Table 45-30, values 101110 and 101111 are undefined

Response Status 0

Make these two remaining vlalues reserved

SuggestedRemedy

Proposed Response

				· · · · · · · · · · · · · · · · · · ·			
C/ 157 SC 157.1.2	2 P17	L30	# 81	C/ 168 SC 168.7.12	P 41	L32	# 84
Simms, William	NVIDIA			Simms, William	NVIDIA		
Comment Type E	Comment Status X			Comment Type E	Comment Status X		
missing 'and' before	80.1.3				an x-axis of TECQ but the tes	st below the figure	e references SECQ.
SuggestedRemedy				Line 32, 35, and 38			
add the 'and' to be co	onsistent with the one removed	d in front of 50 Gb	/s	SuggestedRemedy			
Proposed Response	Response Status O			Not sure if this is an err	or		
				Proposed Response	Response Status O		
C/ 168 SC 168.4	P 29	L 26	# 82		D 10		
Simms, William	NVIDIA			C/ 168 SC 168.9	P 45	L17	# 85
Comment Type E	Comment Status X			Simms, William	NVIDIA		
strage break in body	text and insertion of Tables			Comment Type E	Comment Status X		
0	text and insertion of Tables			another break in text fo			
SuggestedRemedy	text and insertion of Tables and picking up at line 49 unbro	oken and move ta	bles to appropriate	51			
SuggestedRemedy Leave text at line 23 location		oken and move ta	bles to appropriate	another break in text fo SuggestedRemedy			
SuggestedRemedy Leave text at line 23 location Proposed Response	and picking up at line 49 unbro <i>Response Status</i> O	oken and move ta	bles to appropriate	another break in text fo SuggestedRemedy move table after text	r table	L30	# 86
SuggestedRemedy Leave text at line 23 location Proposed Response Cl 168 SC 168.7.5	and picking up at line 49 unbro <i>Response Status</i> O			another break in text fo SuggestedRemedy move table after text Proposed Response	r table Response Status 0 P17	L 30 nologies Co., Ltd	
SuggestedRemedy Leave text at line 23 location Proposed Response Cl 168 SC 168.7.5 Simms, William	and picking up at line 49 unbro <i>Response Status</i> O 5.4 <i>P</i> 39			another break in text fo SuggestedRemedy move table after text Proposed Response Cl 157 SC 157.1.2	r table Response Status 0 P17		
SuggestedRemedy Leave text at line 23 location Proposed Response Cl 168 SC 168.7.5 Simms, William Comment Type E	and picking up at line 49 unbro Response Status O 5.4 <i>P</i> 39 NVIDIA	L3		another break in text fo SuggestedRemedy move table after text Proposed Response Cl 157 SC 157.1.2 Mi, Guangcan Comment Type ER in "131.1.2 (for 50 Gb/s	r table <i>Response Status</i> O <i>P</i> 17 Huawei Tech <i>Comment Status</i> X), 80.1.3 (for		
SuggestedRemedy Leave text at line 23 location Proposed Response Cl 168 SC 168.7.5 Simms, William Comment Type E strange break in text	and picking up at line 49 unbro Response Status O 5.4 P39 NVIDIA Comment Status X	L3		another break in text fo SuggestedRemedy move table after text Proposed Response Cl 157 SC 157.1.2 Mi, Guangcan Comment Type ER	r table <i>Response Status</i> O <i>P</i> 17 Huawei Tech <i>Comment Status</i> X), 80.1.3 (for		
SuggestedRemedy Leave text at line 23 location Proposed Response Cl 168 SC 168.7.5 Simms, William Comment Type E strange break in text	and picking up at line 49 unbro <i>Response Status</i> O 5.4 <i>P</i> 39 NVIDIA <i>Comment Status</i> X t between line 3 and 17 with fig	L3		another break in text fo SuggestedRemedy move table after text Proposed Response CI 157 SC 157.1.2 Mi, Guangcan Comment Type ER in "131.1.2 (for 50 Gb/s 100 Gb/s)", missing a SuggestedRemedy	r table Response Status O P 17 Huawei Tech Comment Status X), 80.1.3 (for nd		
SuggestedRemedy Leave text at line 23 location Proposed Response Cl 168 SC 168.7.5 Simms, William Comment Type E strange break in text SuggestedRemedy	and picking up at line 49 unbro <i>Response Status</i> O 5.4 <i>P</i> 39 NVIDIA <i>Comment Status</i> X t between line 3 and 17 with fig	L3		another break in text fo SuggestedRemedy move table after text Proposed Response CI 157 SC 157.1.2 Mi, Guangcan Comment Type ER in "131.1.2 (for 50 Gb/s 100 Gb/s)", missing a SuggestedRemedy	r table <i>Response Status</i> O <i>P</i> 17 Huawei Tech <i>Comment Status</i> X), 80.1.3 (for		

C/ 157 SC	C 157.2.1	P 22	L 27	# 87	C/ 168	SC 168.7.4	P 36	L 41		# 90	
Mi, Guangcan		Huawei Techno	logies Co., Ltd		Mi, Guang	gcan	Huawe	i Technologies C	o., Ltd		
Comment Type	TR	Comment Status X			Comment	Type TR	Comment Status	x			
Table 157-6	6. The 100G	bidi PMDs should also suppor	t 100G AUI-1 (C2M			en pointing out the sou	ce of OMAout da	ata. Reco	ommend to add in	
SuggestedReme	edv				CL168 as well.						
	-	0G AUI-1 C2C(CL120F) and 1	00G AUI-1 C2	M(120G) respectively .	SuggestedRemedy						
Proposed Respo	onse	Response Status O					asured using waveforms 8.7.5, before the referer		output o	f the reference	
					Proposed	Response	Response Status	0			
C/ 168 SC	C 168.1	P 26	L 21	# 88							
Mi, Guangcan		Huawei Techno	logies Co., Ltd								
Comment Type	TR	Comment Status X									
Table 168-1	. The 100G	bidi PMDs should also suppor	t 100G AUI-1 (C2M							
SuggestedReme	-	AUI-1 C2C(CL120F) and 100G	AUI-1 C2M(1	20G) respectively							
Proposed Respo		Response Status 0									
C/ 168 SC	C 168.6.1	P33	L15	# 89							
Mi, Guangcan		Huawei Techno	logies Co., Ltd								
Comment Type	ER	Comment Status X	-								
(range) or 1 upstream ar be precisely	00GBAŠE-I nd down stro / controlled,	is currently written as 100GBA BRx-U center wavelengths (rar eam would only have one wave thus a range is specified allow ngle wavelength, therefore the p	ige). This does elength each. 1 ing the center	n't seem right. The 'he wavelength can not wavelength to drift or							
SuggestedReme change wav	-	wavelength in both cases of u	ostream and d	ownstream.							
0	U	Boononoo Statua									

Proposed Response Response Status **0**

C/ 168	SC 168.7.5	P 37	L 20	# 91	Proposed F	Doononoo				
/li, Guang	can	Huawei Techr	nologies Co., Ltd		Proposed F	kesponse	Response Status O			
Comment	Type ER	Comment Status X								
		0.7 and other IMDD clauses in			C/ 168	SC 168.7.6	P39	L 27	# 92	
		setup has been referencing as ing only the changes and diffe			Mi, Guango	an	Huawei Te	chnologies Co., Ltd	1	
		GBASE-DR only, TDECQ – 10			Comment	ype ER	Comment Status X			
specifi	140–6 if measu ed in 140.7.5.2	red using the test setup specif , using the measurement meth s described in 140.7.5.1, with t	od specified in 12	21.8.5.3, and using a	method	Is specified for	ne is measured using the TDECQ in 168.7.5, except		s not used."	
			0				in BRx PMDs in each dire	ction.		
		the content of 168.7.5.1, there L 140.7.5 or CL 124.8.5, exce			Suggested	-				
referer	nces. For the sa	L 140.7.5 or CL 124.8.5, exce ike of clarity and consistence,	also avoiding mis	es to the table sleading message of		of each lane"				
new te		ommended to update the sect			Proposed F	Response	Response Status O			
Suggested	-				C/ 168	SC 168.7.7	P 39	L31	# 93	
delet s	ections 168.7.5	5.1, 168.7.5.3,168.7.5.4. make verall standard of 802.3 is coh	appropriate refer	ences to existing with editorial licenses	Mi, Guango			chnologies Co., Ltd		
014400	o, oo alat alo o				Comment T		Comment Status X		•	
The TI		ges: within the limits given in red using the test setup specif	ied in 121.8.5.1.	with an optical channel	There seems to be no change from the method defined in CL 140. reference to CL 140 regarding the calculation. SuggestedRemedy possible language from CL 151, and update the reference tables should serve the purpose					
specifi referei	ed in 168.7.5.2 nce equalizer as	, using the measurement meth s described in 168.7.5.1, with t	od specified in 12 he following exce	21.8.5.3, and using a ptions:						
The signaling rate of the test pattern generator is as given in Table 168–6 and uses a test pattern specified for TDECQ in Table 168–10. — The combination of the O/E converter and the oscilloscope has a 3 dB bandwidth of approximately 26.5625 GHz with a fourth-order Bessel-Thomson response to at least 1.3 × 53.125 GHz and at frequencies above 1.3 × 53.125 GHz the response should not exceed – 20 dB. Compensation may be made for any deviation from an ideal fourth-order Bessel-Thomson response. — The normalized noise power density spectrum, N(f) in Equation (121–9), is equivalent to			measu pattern Oversh (see 15 referen	red using a test specified for ov oot and unders i1.8.5) and the ce equalizer be	of each lane shall be with ver/under-shoot in Table 19 hoot are measured using t waveform captured for the ing applied in each case. hoot are calculated using t	51–11. he waveform captur TECQ test (see 15	red for the TDECQ tes 1.8.6), but without the			
white r		a fourth-order Bessel-Thomso			Proposed F	Response	Response Status O			
or										
setup	specified in 121 irement method	within the limits given in Table .8.5.1, with an optical channel specified in 140.7.5, and usin	specified in 168.	7.5.2, using the						

or other format that fits.

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 93

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C/ 168 SC 168.7.11	P 40	L 51	# 94	C/ 1	SC 1.4	P 11	LO	# 96
Vi, Guangcan	Huawei Techr	nologies Co., Ltd		Slavick, J	eff	Broadcom		
update the definition of F with what is being used i	Comment Status X discussed the definition of R RINxOMA which better desc n the field. Related contribu /3/dj/public/24_09/chayeb_3 n dj. Response Status O	ribes the actual b tion from Ahmad	ehaviour and aligns	Suggeste 1.4.x bidire differ path 1.4.y bidire	ng definitions for dRemedy 100GBASE-BR1(ctional link over o ent specifications connects one to th 100GBASE-BR2(ctional link over o	Comment Status X 100GBASE-BR10/20 D: IEEE 802.3 Physical Layer ine single-mode fiber with rear for 100GBASE-BR10-D and the other. (See IEEE Std 802.3 D: IEEE 802.3 Physical Layer ine single-mode fiber with rear for 100GBASE-BR20-D and	ch up to at least 100GBASE-BR1 3, Clause 168.) specification for ch up to at least	10 km. There are 0-U; a transmission a 100 Gb/s 20 km. There are
	P33 Huawei Comment Status X /undershoot", In P802.3dj it dershoot", Also in 168.7,1 a		# 95	path 1.4.z bidire differ path	connects one to th 100GBASE-BR40 ctional link over o ent specifications	be other. (See IEEE Std 802.3): IEEE 802.3 Physical Layer ine single-mode fiber with rear for 100GBASE-BR40-D and the other. (See IEEE Std 802.3 <i>Response Status</i> 0	3, Clause 168.) specification for ch up to at least 100GBASE-BR4	a 100 Gb/s 40 km. There are
SuggestedRemedy 168.6.1 change "Transm In 168.7.1, Table 168-10 undershoot". Change he	itter over/under -shoot" to " change "Over/under-shoot" ading of 168.7.7 from "Over graphs 1 and 2 of 168.7.7 c <i>Response Status</i> 0	Fransmitter overs ' to "Transmitter o /under-shoot" to '	overshoot and 'Transmitter overshoot	CI 45 Slavick, J Comment Std 8 Suggeste	t <i>Type ER 02.3-2022 BiDi Pl</i>	b P14 Broadcom <i>Comment Status</i> X MA/PMD extended ability 2 is	L13 clause 45.2.1.3	# <u>97</u> 3 and Table 45-37.

Proposed Response Response Status **0**

C/ 45								
J 45	SC 45.2.1.27b	o P14	L 44	# 98	C/ 80 SC 80.4	P 16	L13	# 101
Slavick, Jef	ff	Broadcom			Slavick, Jeff	Broadcom		
Comment 1	Type ER	Comment Status X			Comment Type TR	Comment Status X		
		bits are done from highest nu			The other optical PH	HYs in this table note that the del	lay time includes	a 2m of fiber.
	s that are adding describing bits 5:	higher numbered bits should	be inserted "be	fore" the existing sub-	SuggestedRemedy			
Suggestedl	0				Add "Includes 2m of	fiber." before the See 168.3.1		
Change		on to insert the new clauses ' umbers)	before 45.2.1.3	3.1" (after correcting to	Proposed Response	Response Status 0		
Proposed F	Response	Response Status O			C/ 157 SC 157.1	P 17	L1	# 102
					Slavick, Jeff	Broadcom		
C/ 45	SC 45.2.1.28	P 15	L 44	# 99	Comment Type TR	Comment Status X		
Slavick, Jef	ff	Broadcom			There is no editing i	nstruction for Clause 157 which	is an existing ba	se standard clause.
· · ·		Comment Status X						
Comment I	Type TR				SuggestedRemedy			
		es for 101110 and 101111 ar	e no longer spec	cified.	Reduce the amount	of text, Figures and Tables to or		
In Tabl	le 45-30 the entrie		e no longer spec	cified.	Reduce the amount 157 and not the enti	of text, Figures and Tables to or re Clause. Inserting appropriate		
Suggestedl	le 45-30 the entrie		e no longer spec	cified.	Reduce the amount 157 and not the enti being changed.	re Clause. Inserting appropriate		
In Tabl Suggestedi Add in	le 45-30 the entrie <i>Remedy</i> a 10111x = Rese	es for 101110 and 101111 ar	e no longer spec	cified.	Reduce the amount 157 and not the enti			
In Tabl Suggestedi Add in Proposed F	le 45-30 the entrie <i>Remedy</i> a 10111x = Rese <i>Response</i>	es for 101110 and 101111 an erved to Table 45-30 <i>Response Status</i> O			Reduce the amount 157 and not the enti being changed.	re Clause. Inserting appropriate		
In Tabl Suggested Add in Proposed F	Ie 45-30 the entrie IRemedy a 10111x = Rese Response SC 168.1	es for 101110 and 101111 and erved to Table 45-30 <i>Response Status</i> O <i>P</i> 26	e no longer spec	;ified. # 100	Reduce the amount 157 and not the enti being changed. Proposed Response	re Clause. Inserting appropriate Response Status O	e éditing instructi	ons for section that is
In Tabl Suggested Add in Proposed F Cl 168 Slavick, Jef	le 45-30 the entrie Remedy a 10111x = Rese Response SC 168.1 ff	es for 101110 and 101111 an erved to Table 45-30 <i>Response Status</i> O <i>P</i> 26 Broadcom			Reduce the amount 157 and not the enti- being changed. Proposed Response	re Clause. Inserting appropriate Response Status O P 24	e éditing instructi	ons for section that is
In Tabl Suggested Add in Proposed F Cl 168 Slavick, Jef Comment T	le 45-30 the entrie Remedy a 10111x = Rese Response SC 168.1 ff Type TR	es for 101110 and 101111 and erved to Table 45-30 <i>Response Status</i> O <i>P</i> 26 Broadcom <i>Comment Status</i> X	L7	# [<u>100</u>	Reduce the amount 157 and not the enti- being changed. Proposed Response Cl 157 SC 157.6 Slavick, Jeff Comment Type TR	re Clause. Inserting appropriate Response Status O P 24 Broadcom	e éditing instructi	ons for section that is
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vick, Jeff Broadcom mmert Type TR Comment Status X Jack a conditional in 168.12.4.8 bot in deas a * gestedRemedy Add a* balone INS in the item column in 168.12.3 posed Response Response Status O status Z Add a* balone INS in the item column in 168.12.4 Add a* balone INS in the item co										
Imment Type TR Comment Status X INS is used as a conditional in 168.12.4.8 so it needs a " gosted/Remedy Add a " before INS in the item column in 168.12.3 gosted/Remedy Comment Status X 30 SC 30.5.1.1.2 P12 L12 # 105 30 SC 30.5.1.1.2 P12 L12 # 105 wick, Jeff Broadcom Mark cross references to sections 80.5. Figure 80-9, 83.5.3.4, all point nowhere, they in on the draft for external cross references in sections 80.5. Figure 80-9, 83.5.3.4, all point nowhere, they in on the sectores and they need to be checked. 30 SC 30.5.1.1.2 P12 L12 # 105 Wick, Jeff Broadcom Mark cross references as external. Editor to check the draft for external cross references in globally and fix. 100GBASE-T does not exist. gested/Remedy Comment Type Response Status 0 C1 168 SC 168.3.2 P29 L2 # 108 2002;2): "'s if for statements of fact. The limitation on the skew seems to be a requirement. Type E Comment Status X 1157 SC 167.3 P24 L7 # 106 1168 SC 168.12.3 P49 L28 # 100 117 gested/Remedy Comment Status X Stoud be a Extenal cross refere	C/ 168 SC 1	68.12.3	P 49	L15	# 104	C/ 168	SC 168.3.2	P 28	L 52	# 107
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30 SC 30.5.1.1.2 P12 L12 # 105 30 SC 30.5.1.1.2 P12 L12 # 105 mment Type ER Comment Status X 100GBASE.T does not exist. O 100GBASE.T does not exist. Immeriating instructions to be "Insert the following types into the "APPROPRIATE SYNTAX" section of 30.5.1.1.2 before 100GBASE-CR1 (as inserted by IEEE Std. 802.3ck-2022)." Immerian, George ADI.APLgp.Cisco.Marvell,OnSemi,Sony.SenTekse posed Response Response Status O Ist is for statements of fact. The limitation on the skew seems to be a requirement. 157 SC 157.3 P24 L7 # 106 157 SC 157.3 P24 L7 # 106 157 SC 157.3 P24 L7 # 106 158 O3 should be an External cross reference or else bring it in to the draft (do changes need to be made? - the existing 80.3 does NOT reference that it applies to 100GBASE-BRx PHYs. O Change "Skew at SP2 is limited to 43 ns as defined by 83.53.4" to "Skew and skew variation. 100 Status X SuggestedRemedy Canage "Skew at SP2 is limited to 43 ns as a defined by 83.53.4" to "Skew and skew variation. SuggestedRemedy 10.1 Image at the existing 80.3 does NOT reference that it applies to 100GBASE-Brx PHYs. O <td>roposed Respons</td> <td>e Re</td> <td>esponse Status O</td> <td></td> <td></td> <td>Suggested</td> <td>dRemedy</td> <td></td> <td></td> <td></td>	roposed Respons	e Re	esponse Status O			Suggested	dRemedy			
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Change the editing instructions to be "Insert the following types into the "APPROPRIATE SYNTAX" section of 30.5.1.1.2 before 100GBASE-CR1 (as inserted by IEEE Std. 802.3ck- 2022):" The section of 30.5.1.1.2 before 100GBASE-CR1 (as inserted by IEEE Std. 802.3ck- 2022):" The section of 30.5.1.1.2 before 100GBASE-CR1 (as inserted by IEEE Std. 802.3ck- 2022):" The section of 30.5.1.1.2 before 100GBASE-CR1 (as inserted by IEEE Std. 802.3ck- 2022):" The section of 30.5.1.1.2 before 100GBASE-CR1 (as inserted by IEEE Std. 802.3ck- 2022):" The section of 30.5.1.1.2 before 100GBASE-CR1 (as inserted by IEEE Std. 802.3ck- 2022):" The section of 30.5.1.1.2 before 100GBASE-OR1 (as inserted by IEEE Std. 802.3ck- 2022):" The section of 30.5.1.1.2 before 100GBASE-OR1 (as inserted by IEEE Std. 802.3ck- 2022):" The section of 30.5.1.1.2 before 100GBASE-OR1 (as inserted by IEEE Std. 802.3ck- 2022):" The section of 30.5.1.1.2 before 100GBASE-OR1 (as inserted by IEEE Std. 802.3ck- 2022):" The section of 30.5.1.1.2 before 100GBASE-OR1 (as inserted by IEEE Std. 802.3ck- 2022):" The section of 30.5.1.1.2 before 100GBASE-OR1 (as inserted by IEEE Std. 802.3ck- 2022):" The section of 30.5.1.1.2 before 100GBASE-OR1 (as inserted by IEEE Std. 802.3ck- 2022):" The section of 30.5.1.1.2 before 100GBASE-OR1 (as inserted by IEEE Std. 802.3ck- 2022):" The section of 10.2 Before 100GBASE-OR1 (as inserted by IEEE Std. 802.3ck- 2022):" The section of 100GBASE-OR1 (as inserted by IEEE Std. 802.3ck- 2022):" The section of 100GBASE-OR1 (as inserted by IEEE Std. 802.3ck- 2022):" The section of 100GBASE-OR1 (as inserted by IEEE Std. 802.3ck- 2022):" The section of 100GBASE-OR1 (as inserted by IEEE Std. 802.3ck- 2022):" The section of the PICS, not acapability or option. These are requirements that need to be section of the PICS, statements. Go through 168.3 and call out the delay constraint requirements one-by-one to populate (this is where having the "shalls" would to be one useful). The section of the Section of 10.12.1.1 belay and skew specification a	uaaestedRemedv	,				Zimmerma	an, George	ADI,AP	Lgp,Cisco,Marvell,O	nSemi,Sony,SenTekse
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Imment Type E Comment Status X 80.3 should be an External cross reference or else bring it in to the draft (do changes need to be made? - the existing 80.3 does NOT reference that it applies to 100GBASE-BRx PHYs Image: Cl 168 SC 168.12.3 P49 L28 # 109 ggestedRemedy Mark 80.3 as External (green) or bring it into the draft with appropriate changes to refernece application to 100GBASE-BRx PHYs. T Comment Status X posed Response Response Status O T Comment Status X Delay constaints is a section of the PICS, not a capability or option. These are requirements that need to be spelled out in their own table. SuggestedRemedy SuggestedRemedy Delete row "DC" in 168.12.3, add new section 168.12.4.1 Delay and skew specification and renumber subsequent PICS statements. Go through 168.3 and call out the delay constraint requirments one-by-one to populate (this is where having the "shalls" would heen useful).	157 SC 1	57.3		-						o "Skew and skew
80.3 should be an External cross reference or else bring it in to the draft (do changes need to be made? - the existing 80.3 does NOT reference that it applies to 100GBASE-BRx PHYs) ggestedRemedy Mark 80.3 as External (green) or bring it into the draft with appropriate changes to refernece application to 100GBASE-BRx PHYs. ADI,APLgp,Cisco,Marvell,OnSemi,Sony,SenTeks <i>posed Response</i> Response Status O <i>Cl</i> 168 SC 168.12.3 P49 L28 # [109 <i>L</i> 2000	· 0	•	•.	sco,Marvell,OnS	Semi,Sony,SenTekse	Proposed	Response	Response Status	C	
to be made? - the existing 80.3 does NOT reference that it applies to 100GBASE-BRx PHYs) ggestedRemedy Mark 80.3 as External (green) or bring it into the draft with appropriate changes to refernece application to 100GBASE-BRx PHYs. posed Response Response Status O Response Status O C/ 168 SC 168.12.3 P49 L28 # 109 Zimmerman, George ADI,APLgp,Cisco,Marvell,OnSemi,Sony,SenTeks Comment Type T Comment Status X Delay constaints is a section of the PICS, not a capability or option. These are requiremetns that need to be spelled out in their own table. SuggestedRemedy Delete row "DC" in 168.12.3, add new section 168.12.4.1 Delay and skew specification and renumber subsequent PICS statements. Go through 168.3 and call out the delay constraint requirements one-by-one to populate (this is where having the "shalls" would h been useful).	51									
ggestedRemedy Mark 80.3 as External (green) or bring it into the draft with appropriate changes to refernece application to 100GBASE-BRx PHYs. apposed Response Response Status O Zimmerman, George ADI,APLgp,Cisco,Marvell,OnSemi,Sony,SenTeks Delay constaints is a section of the PICS, not a capability or option. These are requirements that need to be spelled out in their own table. SuggestedRemedy Delay constaints is a section of the PICS, not a capability or option. These are requirements that need to be spelled out in their own table. SuggestedRemedy Delete row "DC" in 168.12.3, add new section 168.12.4.1 Delay and skew specification and renumber subsequent PICS statements. Go through 168.3 and call out the delay constraint requirments one-by-one to populate (this is where having the "shalls" would heen useful).	to be made? - t					C/ 168	SC 168.12.3	3 P 49	L 28	# 109
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Delete row "DC" in 168.12.3, add new section 168.12.4.1 Delay and skew specification and renumber subsequent PICS statements. Go through 168.3 and call out the delay constraint requirments one-by-one to populate (this is where having the "shalls" would h been useful).	oposed Respons	e Re	esponse Status O					d to be spelled out in the	eir own table.	
Proposed Response Response Status						Delete and re constr	e row "DC" in 16 enumber subseq raint requirments	uent PICS statements.	Go through 168.3 ar	nd call out the delay
						Proposed	Response	Response Status	C	

C/ 168	SC 168.6.3	P35	L11	# 110	C/ FM	SC FM	P 1	L 23	# 112
Zimmerma	an, George	ADI,APLgp,C	isco,Marvell,On	Semi,Sony,SenTekse	Zimmerma	an, George	ADI,APL	_gp,Cisco,Marvell,Or	Semi,Sony,SenTekse
Comment	Туре Т	Comment Status X			Comment	Type ER	Comment Status X	<u> </u>	
	nit for a power bu for ratios.	dget can't be dB - power has	s units - dBm, for	example dB is only	least	9 published am	g IEEE Std 802.3-2022 w endments, and at least or	ne in WG ballot ahea	d of this draft. It is
		oudget" so it is clear it is a ra	tio, or change ur	its to reflect a unit of	correl chang	ated with clauses 3	ck of the other changes so e numbers and other char 0 & 45 in places near or a my marking this commen	nges made. Since th at where other amene	is amendment makes dments have, this may
Proposed	Response	Response Status 0			Suggestee	dRemedy			
C/ 168	SC 168.7.12	P41	L15	# 111	of this	amendment in	02.3y-20xx" with the list o the process. (Note - Inclu cy, df, and Cor1 listed in	ude at least the publi	shed amendments (dd,
	an, George			Semi,Sony,SenTekse	is ahe	ad of this amer	ndment.	,	
Comment	<i>,</i> 0	Comment Status X					to existing clauses (30, 4 instructions for location o		
is rece equat shoul	eiver sensitivity bu ions 168-4, 168-5 d be sensitive to a	aints" cannot possibly be rig ut the axis says OMAouter(dl , and 168-6 and the text to u a signal with an OMA of the le	Bm). This needs inravel. Is this sa evel of equations	further definition in the aying that the RS 168-4, 168-5, and 168-		Response	Response Status C	0	# 113
		IY type) (but can be sensitive erent labels, each indicating				an, George			Semi,Sony,SenTekse
bottor	n side of the line.	The equations need more ow well enough what you me	words to describ	e the measurement.	Comment		Comment Status X		isemi,sony,semiekse
Suggeste	dRemedy	- /	0				ASE-T guy, I'm pretty sure		
See c Consi	omment. Adjust l	ocation of "Meets equation of tory words and converting th			MAUs	are the first in	e does this go? Most of t the 100G section (when of the new row in the fau	reas "T" would be in	an odd place, near the

LR4/ER4 row... - that's why I'm not sure)

SuggestedRemedy

change 100GBASE-T to 50GBASE-SR

Proposed Response Response Status **0**

inequalities.

Proposed Response

Response Status 0

C/ 30 SC 30.5.1.	.1.2 P12	L 20	# 114	C/ 168	SC 168	P 26	L1	# 117
Zimmerman, George			Semi,Sony,SenTekse	Zimmerma			-	Semi,Sony,SenTekse
Comment Type E	Comment Status X			Comment	, U	Comment Status X	, , , -	
SuggestedRemedy Replace "Clause 168	8" text at lines 20, 23, 26, 29, 3	2, and 35 with ac	tive cross references	Suggested Insert e	-	on prior to header, "Insert Clau	ise 168 after Cla	use 167."
Proposed Response	Response Status O			Proposed I	Response	Response Status 0		
C/ 45 SC 45.2.1.	.27b.7 P14	L 43	# 115	C/ 168	SC 168.1	P 26	L 50	# 118
Zimmerman, George	ADI,APLgp,C	cisco,Marvell,OnS	Semi,Sony,SenTekse	Zimmerma	n, George	ADI,APLgp,C	isco,Marvell,OnS	Semi,Sony,SenTekse
Comment Type E	Comment Status X		·	Comment	Туре Т	Comment Status X		
Insert editorial instru instruction)	ictions are without underscores	(those are for ins	serts on a "Change"			e hit the point. Physical implem I applies (which is what the "Ho		CGMII is optional. The
SuggestedRemedy				Suggested	Remedy			
Remove underscore Proposed Response	s in 45.2.1.27b.7 through 45.2. Response Status 0	1.27b.12 (includir	ng on paragraph text).	Chang is optic		s an optional interface." to "Ph	ysical implemen	tation of the the CGMII
				Proposed I	Response	Response Status 0		
CI 157 SC 157	P 17	L1	# 116	C/ 168	SC 168.1	P 27	L13	# 119
Zimmerman, George	ADI,APLgp,C	Cisco,Marvell,OnS	Semi,Sony,SenTekse					_
Comment Type E	Comment Status X			Zimmerma	, U		isco, Marvell, On	Semi,Sony,SenTekse
	nstruction for this clause. As th hange' editing marks (which is			Comment T Physic	51	Comment Status X ion of the CGMII is optional, bu	it that is not wha	t Figure 168-1 shows.
title and text of Clau	se 157 as shown:" may be used	d - even though it	is REALLY unusual.	Suggested	Remedy			
				Add for	otnote 1 to CG	MII at line 13. Add text of "NO	TE - Physical im	plementation of CGMII
SuggestedRemedy	tion prior to header, "Change ti	tle and text of Cla	use 157 as shown:"	is optic	onal" at line 29	(below PCS).		

C/ 168 SC 16	8.1	P 26	L 6	# 120	C/ 45	SC 45.2.1.2	?7b	P 14	L13	# 123
zimmerman, George	9	ADI,APLgp,C	Cisco,Marvell,On	Semi,Sony,SenTekse	Huber, Th	iomas	Ν	okia		
omment Type	E Comme	nt Status 🗙			Comment	tType E	Comment Sta	atus X		
removed. They		I their purpose n	ow, through d2.0	need eventually to be , and may be deleted, SA ballot	table	number is 45-37		extended ab	ility 2 (register 1.3	35) is 45.2.1.33. The
SuggestedRemedy		a,,	p		Suggeste	-				
Either: change e	editor's notes to say otes on origin for s		to be removed pri	ior to SA Ballot:" or	say "l	nsert new rows	Imber from 45.2.1. in Table 45-37 abo shown):", and char	ve the row	for "1.35.5" as sho	editing instruction to own (additional -31b to 45-37.
Proposed Response	e Respons	e Status O			Proposed	Response	Response Sta	tus O		
C/ 157 SC 15	7.4	P 24	L 23	# 121	C/ 45	SC 45.2.1.2	?7b.7	P 14	L 46	# 124
/immerman, George	9	ADI,APLgp,C	Cisco,Marvell,On	Semi,Sony,SenTekse	Huber, Th	iomas	N	okia		
Comment Type	E Comme	nt Status X			Comment	tType E	Comment Sta	atus X		
80.4 should be a	an active cross refe	erence.					ted to the new bits			
SuggestedRemedy Replace 80.4 wi	th an active cross i	eference			45.2.	1.33.1 concerns	27b. Since the curr bit 5, 45.2.1.33.2 o d before the existi	concerns bit	4, etc.), for consi	stency, the new
Proposed Response	e Respons	e Status O			Suggeste	dRemedy				
Huber, Thomas Comment Type 100GBASE-T is Further, In the riset BRxx PHYs SuggestedRemedy	not included in 30. est of 30.5.1.1.2, th should be inserted	e PHYs are liste before 100GBA	ed alphabetically b SE-CR	by rate; as such, this	befor 45.2. 45.2. 45.2. 45.2. 45.2. 45.2. 45.2.		1.33.b 1.33.c 2.1.33.d 2.1.33.e	use heading		3.a to 45.2.1.33.f
	ing instruction to sa on of 30.5.1.1.2 afte			the "APPROPRIATE	C/ 45	SC 45.2.1.2	:8	P 15	L 44	# 125
Proposed Response		e Status O			Suggeste	t <i>Type</i> T ralues 10111x n <i>dRemedy</i> t a line "1 0 1 1 1	N Comment Sta eed to be indicated I x = Reserved" ab Response Sta	as reserve ove the line		

C/ 157 SC 157	P 17	L1	# 126	C/ 157	SC 157.6	P 24	L 50	# 128
Huber, Thomas	Nokia			Huber, Thor	nas	Nokia		
Comment Type E	Comment Status X			Comment T	vpe T	Comment Status X		
This clause is miss SuggestedRemedy	ing editing instructions				nge to repl ctional PH	ace clause 160 with 168 is not c ⁄rs.	orrect; clauses 16	61 to 167 are unrelated
"Change clauses 1 Add an editing inst Delete tables 157-3 Add an editing inst	ruction at the top of the page: 57 and 157.1 as shown:" ruction below clause 157.2: "Cha 3 through 157-5, as they are not b ruction: "Insert Table 157-6 below ruction: "Change clauses 157.2.2	peing modified. / Table 157-5."			e replacem 114, Clause	ent of 160 with 168, and add Cla e 158 through Clause 160, Claus <i>Response Status</i> O		
Add an editing inst	7.2.6 and 157.2.7 since they are n ruction: "Change clauses 157.3, 1			C/ 168	SC 168.5		L 21	# 129
Proposed Response	Response Status 0			Huber, Thor <i>Comment T</i> The firs	ype E	Nokia <i>Comment Status</i> X of this clause is a comma splice.		
			# 107					
C/ 157 SC 157.1	I.3 P18	L1	# 127	SuggestedF	Remedy			
C/ 157 SC 157.1 Huber, Thomas	1.3 P18 Nokia	L1	# 127	SuggestedF Replace		a with a semicolon solit into two	senarate senter	ces for the LI and D
uber, Thomas		L1	# 127	Replace	e the comm	a with a semicolon,split into two s "The PMD_receive_fault functions"		
luber, Thomas Comment Type T	Nokia			Replace PMDs, o	the common or write it as	· · ·	on is mandatory i	

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 **O**

Cl 168 SC 168.6 P 32 L 40 # 130 Huber, Thomas Nokia Comment Type T Comment Status X

The sentence concerning BR40 working with BR20 or BR10 as long as the shorter reach channel requirements are met is helpful, but it seems incomplete. Would is also not be true that the BR20 PMD operates with a BR10 PMD as long as the channel requirements of the BR10 PMD are met?

SuggestedRemedy

Make the sentence more generic: "A longer reach PMD interoperates with a shorter reach PMD as long as the channel requirments of the shorter reach PMD are met."

Proposed Response Response Status **0**

SuggestedRemedy orde Populate with correct data Suggested Proposed Response Response Status 0 Cl FM P1 L26 # 132 Dawe, Piers Nvidia Cl 30 Comment Type E Comment Status X Task Force review Dawe, P SuggestedRemedy So t SuggestedRemedy So t SuggestedRemedy So t Vorking Group ballot Propose Propose Proposed Response Response Status 0 Pleat Cl Content SC Contents P12 L0 # 133 Cl 30 Dawe, Piers Nvidia Cl 30 Dawe, P Comment Status X Dawe, P Content SC Contents P12 L0 # 133 Cl 30 Dawe, P Content Type E Comment Status X Dawe, P Dawe, P Comment Status X Dawe, P Contents is missing Comment Status X Dawe, P In 33 SuggestedRemedy In 33 Add Contents SuggestedRemedy In 34 SuggestedRemedy In 34 <th>ype E most tables wh Remedy 30.5.1.1.2 at after 50GBASE Response SC 30.5.1.1 S ype E the reviewers Remedy show one row</th> <th>which are in ord after 100GBAS SE-SR and bef <i>Respons</i> I.1.2 Comme rs can confirm to bw before and o</th> <th>SE-T" to "30.5.1.1 ore 100GBASE-0 e Status O <i>P</i>12 Nvidia nt Status X</th> <th>.2 (as modified b) CR1" <i>L</i>16 erial is inserted in</th> <th>nis is in alphanumeric by IEEE Std 802.3ck- # <u>136</u> hthe correct place</th>	ype E most tables wh Remedy 30.5.1.1.2 at after 50GBASE Response SC 30.5.1.1 S ype E the reviewers Remedy show one row	which are in ord after 100GBAS SE-SR and bef <i>Respons</i> I.1.2 Comme rs can confirm to bw before and o	SE-T" to "30.5.1.1 ore 100GBASE-0 e Status O <i>P</i> 12 Nvidia nt Status X	.2 (as modified b) CR1" <i>L</i> 16 erial is inserted in	nis is in alphanumeric by IEEE Std 802.3ck- # <u>136</u> hthe correct place
pdf metadata is at default Unition of the second secon	most tables wh Remedy = "30.5.1.1.2 af after 50GBASE Response SC 30.5.1.1 S Sype E the reviewers Remedy show one row	which are in ord after 100GBAS SE-SR and bef <i>Respons</i> I.1.2 Comme rs can confirm to bw before and o	Ber of MAC rate - SE-T" to "30.5.1.1 ore 100GBASE- the Status O P 12 Nvidia <i>nt Status</i> X that the new mate	.2 (as modified b) CR1" <i>L</i> 16 erial is inserted in	y IEEE Std 802.3ck- # <u>136</u>
SuggestedRemedy orde Populate with correct data Suggest Proposed Response Response Status O 2022 Proposed Response Status O 2022 Dawe, Piers Nvidia Cl 30 2022 Dawe, Piers Nvidia Cl 30 2030 SuggestedRemedy So t Dawe, P Comment SuggestedRemedy So t SuggestedRemedy So t Vorking Group ballot Proposed Propose Propose Proposed Response Response Status O Propose Cl Content SC Contents P12 L0 # 133 Cl 30 Dawe, Piers Nvidia Cl 30 Dawe, P Dawe, P Contents is missing Comment Status X Dawe, P Dawe, P SuggestedRemedy Add Contents SoG SoG Add Contents Response Status O <td< td=""><td>Remedy = "30.5.1.1.2 at after 50GBASE Response SC 30.5.1.1 S Type E the reviewers Remedy show one row</td><td>after 100GBAS SE-SR and bef <i>Respons</i> I.1.2 Comme rs can confirm t ow before and o</td><td>SE-T" to "30.5.1.1 fore 100GBASE-(the Status O P12 Nvidia nt Status X that the new mate</td><td>.2 (as modified b) CR1" <i>L</i>16 erial is inserted in</td><td>y IEEE Std 802.3ck- # <u>136</u></td></td<>	Remedy = "30.5.1.1.2 at after 50GBASE Response SC 30.5.1.1 S Type E the reviewers Remedy show one row	after 100GBAS SE-SR and bef <i>Respons</i> I. 1.2 Comme rs can confirm t ow before and o	SE-T" to "30.5.1.1 fore 100GBASE-(the Status O P 12 Nvidia nt Status X that the new mate	.2 (as modified b) CR1" <i>L</i> 16 erial is inserted in	y IEEE Std 802.3ck- # <u>136</u>
SuggestedRemedy Suggest Propulate with correct data Suggest Proposed Response Response Status O Cl FM SC FM P1 L26 # [132] Dawe, Piers Nvidia Cl 30 Dawe, Piers Cl 30 Comment Type E Comment Status X Dawe, Piers Dawe, Piers Dawe, Piers Dawe, Piers SuggestedRemedy So t SuggestedRemedy Working Group ballot Propose Suggest Piez	 30.5.1.1.2 at after 50GBASE Response SC 30.5.1.1 Sype E the reviewers Remedy show one row 	SE-SR and bef <i>Respons</i> . 1.2 <i>Comme</i> rs can confirm to ow before and o	ore 100GBASE-(e Status O P 12 Nvidia nt Status X that the new mate	L16 L16	# <u>136</u>
Proposed Response Response Status O Cha 2022 Proposed Response Response Status O Propose CI FM SC FM P1 L26 # [132] Dawe, Piers Nvidia Cl 30 Dawe, P Comment Type E Comment Status X Dawe, P Task Force review SuggestedRemedy So t SuggestedRemedy So t Suggested Response Response Status O Propose Propose C/ Content SC Contents P12 L0 # [133] C/ 30 Dawe, Piers Nvidia C/ 30 Dawe, P Content SC Contents P12 L0 # [133] Dawe, Piers Nvidia C/ 30 Dawe, P Contents is missing Comment Status X Dawe, P SuggestedRemedy In 30 SoG SoG SoG SuggestedRemedy In 30 SoG SoG With SuggestedRemedy In 30 SoG SoG SoG SuggestedRemedy Add Contents SoG SoG With <td> 30.5.1.1.2 at after 50GBASE Response SC 30.5.1.1 Sype E the reviewers Remedy show one row </td> <td>SE-SR and bef <i>Respons</i> .1.2 <i>Comme</i> rs can confirm to ow before and o</td> <td>ore 100GBASE-(e Status O P12 Nvidia nt Status X that the new mate</td> <td>L16 L16</td> <td># <u>136</u></td>	 30.5.1.1.2 at after 50GBASE Response SC 30.5.1.1 Sype E the reviewers Remedy show one row 	SE-SR and bef <i>Respons</i> . 1.2 <i>Comme</i> rs can confirm to ow before and o	ore 100GBASE-(e Status O P 12 Nvidia nt Status X that the new mate	L16 L16	# <u>136</u>
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SuggestedRemedy In 30 Add Contents 50G Proposed Response Response Status 0	3		Nvidia		
Add Contents 50G Proposed Response Response Status O	уре Т	Comme	nt Status X		
with	one should no	not describe th	ese MAU types "	bi-directional" wh	en others such as
Proposed Response Response Status O		nd 40GBASE-T	are not describe	d like that. By the	e way, 802.3 spells it
Suggesi	a hyphen.				
E:44	,				
44		escription of ma	any MAUS (via m	antenance?) or c	don't use the word fo
C/ 1 SC 1.4 P12 L0 # 134 Propose	Response	Respons	e Status O		
Dawe, Piers Nvidia					
Comment Type E Comment Status X Physical Layer definitions are missing					
SuggestedRemedy					
Add Physical Layer definitions after 1.4.24 100BASE-X and before 1.4.24a 100GBASE-CR1					
Proposed Response Response Status O					

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

CI 30	SC 30.5.1.1.2	P 12	L 23	# 138	C/ 45 SC 4	5.2.1.8.1	P 13	L 48	# 142
Dawe, Piers	6	Nvidia			Dawe, Piers		Nvidia		
<i>Comment 1</i> Trailing	<i>ype</i> E blanks	Comment Status X			<i>Comment Type</i> Table 45-12 is		omment Status X 8 not 45.2.1.8.1		
Suggestedl Remov	•	ere are five in this page			SuggestedRemedy Delete "45.2.1		smit disable 14 (1.9.15)"	
Proposed F	Response	Response Status O			Proposed Respons	se Re	sponse Status O		
C/ 30	SC 30.5.1.1.2	P 12	L 23	# 139	C/ 45 SC 4	5.2.1.8	P 14	L 5	# 143
Dawe, Piers	6	Nvidia			Dawe, Piers		Nvidia		
Comment T	Type E	Comment Status X			Comment Type		omment Status X		
Three of					So that the rev	iewers can co	nfirm that the new mate	erial is inserted in	the correct place
Suggested	-				SuggestedRemedy				
Should	not be underlined	b			Please show o	ne row before	and one after the new	material	
Proposed F	Response	Response Status O			Proposed Respons	se Re	sponse Status O		
CI 45	SC 45.2.1.7.4	P13	L 20	# 140	C/ 45 SC 4	5.2.1.27b	P 14	L13	# 144
Dawe, Piers	6	Nvidia			Dawe, Piers		Nvidia		
<i>Comment 7</i> So that		Comment Status X n confirm that the new mate	rial is inserted in	the correct place	Comment Type Wrong subclau	_	omment Status X		
Suggested	Remedy				SuggestedRemedy	/			
Please	show one row be	fore and one after the new	material		Change 45.2.1	.27b to 45.2.1	.33 and move this and	its subclauses af	ter 45.2.1.28.
Proposed F	Response	Response Status 0			Proposed Respons	se Re	sponse Status O		
C/ 45	SC 45.2.1.7.5	P 13	L38	# 141	C/ 45 SC 4	5.2.1.27b	P14	L 39	# 145
Dawe, Piers	6	Nvidia			Dawe, Piers		Nvidia		
Comment T		Comment Status X			Comment Type	_	omment Status X		
So that	the reviewers ca	n confirm that the new mate	erial is inserted in	the correct place	So that the rev	iewers can co	nfirm that the new mate	erial is inserted in	the correct place
Suggested	Remedy				SuggestedRemedy	/			
	a fall a second a second a second fall a	fore and one after the new	material		Please show o	ne row after th	ne new material		
Please	snow one row be								

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/ 45 SC 45.2.1	.28 P15	L 31	# 146	C/ 45 SC 45.2.1.28	P 15	L 51	# 149
Dawe, Piers	Nvidia			Dawe, Piers	Nvidia		
Comment Type T Why put the 100GB 50GBASE-BR and 1	Comment Status X ASE-BR PMA/PMD types in 1 100GBASE ?	.29 with PQX rathe	r than in 1.7 with	So that the reviewers can c	Comment Status X confirm that the new mate	erial is inserted in	the correct place
SuggestedRemedy				SuggestedRemedy Please show one sub-row a	ofter the new material		
anyway, the table is 45.2.1.6 PMA/PMD register bit definition	.28 10P/2B PMA/PMD contro for 1.29) Table 45-30, PMA/F control 2 register (Register 1. is, values 1 1 1 1 x x x.	MD control 3 regist 7) Table 45-7, PMA	ter bit definitions, to /PMD control 2	Proposed Response R	Response Status O		
Proposed Response	nging bit 7 into use so there is	adequate space n	lere.	C/ 45 SC 45.2.1.28	P 15	L 51	# 150
	Response Status 0			51	Nvidia Comment Status X		
C/ 45 SC 45.2.1	.28 P15	L37	# 147	There is no following row			
Dawe, Piers	Nvidia			SuggestedRemedy Remove the row with three	dote		
					0013		
	Comment Status X MA/PMD control register (Reg	ister 1.30)		Proposed Response R	Response Status O		
45.2.1.28 10P/2B P		ister 1.30)		Proposed Response R	Response Status O		
45.2.1.28 10P/2B Pl SuggestedRemedy		,	.29) - but see another	CI 80 SC 80.1	P16	L2	# [151
45.2.1.28 10P/2B Pl SuggestedRemedy Should have been 4 comment	MA/PMD control register (Reg	,	.29) - but see another	<i>Cl</i> 80 <i>SC</i> 80.1 Dawe, Piers	P16 Nvidia Comment Status X	L 2	# <u>151</u>
45.2.1.28 10P/2B Pl SuggestedRemedy Should have been 4 comment Proposed Response Cl 45 SC 45.2.1	MA/PMD control register (Reg 5.2.1.27 PMA/PMD control 3 Response Status 0	,	.29) - but see another # <u>148</u>	Cl 80 SC 80.1 Dawe, Piers Comment Type E C	P16 Nvidia Comment Status X	L2	# 1 <u>51</u>
45.2.1.28 10P/2B Pl SuggestedRemedy Should have been 4 comment Proposed Response Cl 45 SC 45.2.1 Dawe, Piers	MA/PMD control register (Reg 5.2.1.27 PMA/PMD control 3 <i>Response Status</i> O .28 P15 Nvidia <i>Comment Status</i> X	register (Register 1	·	Cl 80 SC 80.1 Dawe, Piers Comment Type E C 80.1 (as modified by 3ck) no SuggestedRemedy Per comment	P16 Nvidia Comment Status X	L 2	# <u>151</u>
45.2.1.28 10P/2B Pl SuggestedRemedy Should have been 4 comment Proposed Response Cl 45 SC 45.2.1 Dawe, Piers Comment Type E 1 1 x x x x = Reserv SuggestedRemedy	MA/PMD control register (Reg 5.2.1.27 PMA/PMD control 3 <i>Response Status</i> O .28 P15 Nvidia <i>Comment Status</i> X	register (Register 1	·	Cl 80 SC 80.1 Dawe, Piers Comment Type E C 80.1 (as modified by 3ck) no SuggestedRemedy Per comment Proposed Response R Cl 80 SC 80.1.3	P16 Nvidia Comment Status X eeds additions Response Status O P16	L2 L2	# <u>151</u> # <u>152</u>
45.2.1.28 10P/2B Pl SuggestedRemedy Should have been 4 comment Proposed Response Cl 45 SC 45.2.1 Dawe, Piers Comment Type E 1 1 x x x x = Reserv SuggestedRemedy Also 1 0 1 1 1 x = R	MA/PMD control register (Reg 5.2.1.27 PMA/PMD control 3 <i>Response Status</i> O .28 P15 Nvidia <i>Comment Status</i> X ed	register (Register 1	·	Cl 80 SC 80.1 Dawe, Piers Comment Type E C 80.1 (as modified by 3ck) no SuggestedRemedy Per comment Proposed Response R Cl 80 SC 80.1.3 Dawe, Piers	P16 Nvidia Comment Status X eeds additions Response Status O P16 Nvidia Comment Status X		
45.2.1.28 10P/2B Pl SuggestedRemedy Should have been 4 comment Proposed Response Cl 45 SC 45.2.1 Dawe, Piers Comment Type E 1 1 x x x x = Reserv SuggestedRemedy	MA/PMD control register (Reg 5.2.1.27 PMA/PMD control 3 <i>Response Status</i> 0 .28 <i>P</i> 15 Nvidia <i>Comment Status</i> X ed eserved - but see another cor	register (Register 1	·	Cl 80 SC 80.1 Dawe, Piers Comment Type E C 80.1 (as modified by 3ck) no SuggestedRemedy Per comment Proposed Response R Cl 80 SC 80.1.3 Dawe, Piers Comment Type E C	P16 Nvidia Comment Status X eeds additions Response Status O P16 Nvidia Comment Status X		

	P 16	L 2	# 153	C/ 80 SC 80.4	P16	L 6	# 156
Dawe, Piers	Nvidia			Dawe, Piers	Nvidia		
Comment Type E	Comment Status X			Comment Type E	Comment Status X		
Table 80-1, 40 Gb/s a	nd 100 Gb/s PHYs			This table is ordered by	MAC rate - reach - length, s	o these rows dor	't go at the end
and Table 80-5 Nomencia	ture and clause correlation (100	GBASE-P ontical)		SuggestedRemedy			
need additions					ew rows at the end of Table 8		
SuggestedRemedy				80-7 (as modified by IEI 100GBASE-ER4 PMD"	EE Std 802.3db-2022) betwe	en 100GBASE-L	R1 PMD and
Per comment							
Proposed Response	Response Status O			Proposed Response	Response Status O		
C/ 80 SC 80.2.5	P 16	L 2	# 154	C/ 80 SC 80.4	P16	L 12	# 157
Dawe, Piers	Nvidia			Dawe, Piers	Nvidia		
Comment Type E	Comment Status X			Comment Type E	Comment Status X		
	(3ck) and 80.2.5 need additions				an confirm that the new mate	rial is inserted in	the correct place
				SuggestedRemedy			
SuggestedRemedy Per comment				Please show one row be	efore and one after the new i	material	
				Proposed Response	Response Status 0		
Proposed Response	Response Status O						
				C/ 80 SC 80.4	P 16	L13	# 158
CI 80 SC 80.2.5	P 16	L 2	# 155	Dawe, Piers	Nvidia		
Dawe, Piers	Nvidia			Comment Type E	Comment Status X		
	Comment Status X			To match the existing e	ntries		
Comment Type E	of Skew constraints			SuggestedRemedy			
Table 80-8, Summary							
Table 80-8, Summary and				Insert "Includes 2 m of f	iber." 3 times		
Table 80-8, Summary and	of Skew Variation constraints						
Table 80-8, Summary and Table 80-9, Summary				Insert "Includes 2 m of f Proposed Response	iber." 3 times Response Status O		
Table 80-8, Summary and Table 80-9, Summary need additions							

C/ 80	SC 80.4	P16	L17	# 159	C/ 135 SC 135.5.7	P 16	L30	# 162
Dawe, Pie	ers	Nvidia			Dawe, Piers	Nvidia		
Comment	tType E	Comment Status X			Comment Type T	Comment Status X		
	s a long table an equential change	d this amendment makes it lor	nger, so it should	make the	Should precoding be a	allowed as an option?		
	dRemedy				SuggestedRemedy			
••	-	, one for 40G and one for 100	G.		Consider including pre network operator acco	ecoding (135.5.7) as an optior ording to experience.	n. This could be o	controlled by the
Proposed	Response	Response Status O			Proposed Response	Response Status 0		
CI 80	SC 80.7	P16	L 20	# 160	C/ 157 SC 157.1.4	P 22	L 31	# 163
Dawe, Pie	ers	Nvidia			Dawe, Piers	Nvidia		
Commen	tType E	Comment Status X			Comment Type E	Comment Status X		
Need	s to mention the	new PMD clause. Insert:			Add 100GAUI-1 C2C	and C2M		
Suggeste	dRemedy				SuggestedRemedy			
					•••			
		graph of 80.7 as follows:			Add 120F, 120G after	135G (2-lane PMA) and befo	re 168 (PMD). O	ptional.
80.7 Chan The s	Protocol impleme ge the first parag supplier of a proto	entation conformance stateme graph of 80.7 (as modified by I pool implementation that is clai	EEE Std 802.3ck	-2022) as follows: to any part of IEEE	Add 120F, 120G after Proposed Response	135G (2-lane PMA) and befo Response Status O	re 168 (PMD). O	ptional.
80.7 Chan The s Std 8 throu	Protocol impleme ge the first parag supplier of a proto 02.3, Clause 45, gh Clause 95, Cla	entation conformance stateme graph of 80.7 (as modified by II pool implementation that is clai Clause 73, Clause 74, Clause ause 135 through Clause 138,	EEE Std 802.3ck imed to conform 81 through Clau Clause 140, Cla	-2022) as follows: to any part of IEEE use 89, Clause 91 use 152 through	,	()	re 168 (PMD). O	ptional. # 164
80.7 Chan The s Std 8 throu Claus	Protocol impleme ge the first parag supplier of a proto 02.3, Clause 45, gh Clause 95, Cla se 154, _Clause	entation conformance stateme graph of 80.7 (as modified by II pool implementation that is clai Clause 73, Clause 74, Clause ause 135 through Clause 138, 157,_ Clause 161 through Cla	EEE Std 802.3ck imed to conform 8 81 through Clau Clause 140, Cla nuse 163, and rel	-2022) as follows: to any part of IEEE use 89, Clause 91 use 152 through ated annexes _,_	Proposed Response	Response Status O	× /	
80.7 Chan The s Std 8 throu Claus demo	Protocol impleme ge the first parag supplier of a proto 02.3, Clause 45, gh Clause 95, Cla se 154, _Clause instrates complia	entation conformance stateme graph of 80.7 (as modified by II pool implementation that is clai Clause 73, Clause 74, Clause ause 135 through Clause 138,	EEE Std 802.3ck imed to conform 8 81 through Clau Clause 140, Cla nuse 163, and rel	-2022) as follows: to any part of IEEE use 89, Clause 91 use 152 through ated annexes _,_	Proposed Response Cl 157 SC 157.2.4 Dawe, Piers	Response Status O P 23	× /	
80.7 Chan The s Std 8 throu Claus demo (PICS	Protocol impleme ge the first parag upplier of a proto 02.3, Clause 45, gh Clause 95, Cla se 154, _Clause instrates complia S) proforma.	entation conformance stateme graph of 80.7 (as modified by Il ocol implementation that is clai Clause 73, Clause 74, Clause ause 135 through Clause 138, 157,_ Clause 161 through Cla ince by completing a protocol i	EEE Std 802.3ck imed to conform 8 81 through Clau Clause 140, Cla nuse 163, and rel	-2022) as follows: to any part of IEEE use 89, Clause 91 use 152 through ated annexes _,_	Proposed Response	Response Status O P23 Nvidia	× /	
80.7 Chan The s Std 8 throu Claus demo (PICS	Protocol impleme ge the first parag supplier of a proto 02.3, Clause 45, gh Clause 95, Cla se 154, _Clause instrates complia	entation conformance stateme graph of 80.7 (as modified by II pool implementation that is clai Clause 73, Clause 74, Clause ause 135 through Clause 138, 157,_ Clause 161 through Cla	EEE Std 802.3ck imed to conform 8 81 through Clau Clause 140, Cla nuse 163, and rel	-2022) as follows: to any part of IEEE use 89, Clause 91 use 152 through ated annexes _,_	Proposed Response Cl 157 SC 157.2.4 Dawe, Piers Comment Type E medium independent	Response Status O P23 Nvidia	× /	
80.7 Chan The s Std 8 throu Claus demo (PICS	Protocol impleme ge the first parag upplier of a proto 02.3, Clause 45, gh Clause 95, Clause (clause 95, Clause onstrates complia (clause) proforma. (clause) (clause	antation conformance stateme graph of 80.7 (as modified by Il bool implementation that is clai Clause 73, Clause 74, Clause ause 135 through Clause 138, 157,_ Clause 161 through Cla ince by completing a protocol i <i>Response Status</i> O	EEE Std 802.3ck imed to conform 81 through Clau Clause 140, Cla use 163, and rel implementation c	-2022) as follows: to any part of IEEE use 89, Clause 91 nuse 152 through ated annexes _,_ onformance statement	Proposed Response Cl 157 SC 157.2.4 Dawe, Piers Comment Type E medium independent SuggestedRemedy	Response Status O P23 Nvidia	× /	
80.7 Chan The s Std 8 throu Claus demo (PICS	Protocol impleme ge the first parag upplier of a proto 02.3, Clause 45, gh Clause 95, Cla se 154, _Clause instrates complia S) proforma.	antation conformance stateme graph of 80.7 (as modified by Il bool implementation that is clai Clause 73, Clause 74, Clause ause 135 through Clause 138, 157,_ Clause 161 through Cla ince by completing a protocol i <i>Response Status</i> O	EEE Std 802.3ck imed to conform 8 81 through Clau Clause 140, Cla nuse 163, and rel	-2022) as follows: to any part of IEEE use 89, Clause 91 use 152 through ated annexes _,_	Proposed Response Cl 157 SC 157.2.4 Dawe, Piers Comment Type E medium independent SuggestedRemedy medium-independent	Response Status O P23 Nvidia Comment Status X	× /	
80.7 Chan The s Std 8 throu Claus demo (PICS	Protocol impleme ge the first parag supplier of a proto 02.3, Clause 45, gh Clause 95, Clause 154, _Clause instrates complia b) proforma. <i>I Response</i> SC 91.5.2.7	Antation conformance stateme graph of 80.7 (as modified by II bool implementation that is clai Clause 73, Clause 74, Clause ause 135 through Clause 138, 157,_Clause 161 through Cla ince by completing a protocol i <i>Response Status</i> O <i>P</i> 16 Nvidia	EEE Std 802.3ck imed to conform 81 through Clau Clause 140, Cla use 163, and rel implementation c	-2022) as follows: to any part of IEEE use 89, Clause 91 nuse 152 through ated annexes _,_ onformance statement	Proposed Response Cl 157 SC 157.2.4 Dawe, Piers Comment Type E medium independent SuggestedRemedy	Response Status O P23 Nvidia	× /	
80.7 Chan The s Std 8 throu Claus demo (PICS Proposed	Protocol impleme ge the first parag supplier of a proto 02.3, Clause 45, gh Clause 95, Cla se 154, _Clause instrates complia B) proforma. <i>I Response</i> SC 91.5.2.7 ers	Antation conformance stateme graph of 80.7 (as modified by II bool implementation that is clai Clause 73, Clause 74, Clause ause 135 through Clause 138, 157,_Clause 161 through Cla ince by completing a protocol i Response Status O P16	EEE Std 802.3ck imed to conform 81 through Clau Clause 140, Cla use 163, and rel implementation c	-2022) as follows: to any part of IEEE use 89, Clause 91 nuse 152 through ated annexes _,_ onformance statement	Proposed Response Cl 157 SC 157.2.4 Dawe, Piers Comment Type E medium independent SuggestedRemedy medium-independent	Response Status O P23 Nvidia Comment Status X	× /	
80.7 Chan The s Std 8 throu Claus demo (PICS Proposed Cl 91 Dawe, Pie Comment	Protocol impleme ge the first parag supplier of a proto 02.3, Clause 45, gh Clause 95, Cla se 154, _Clause instrates complia B) proforma. <i>I Response</i> SC 91.5.2.7 ers	Antation conformance stateme graph of 80.7 (as modified by II bool implementation that is clai Clause 73, Clause 74, Clause ause 135 through Clause 138, 157,_Clause 161 through Cla ince by completing a protocol i <i>Response Status</i> O <i>P</i> 16 Nvidia	EEE Std 802.3ck imed to conform 81 through Clau Clause 140, Cla use 163, and rel implementation c	-2022) as follows: to any part of IEEE use 89, Clause 91 nuse 152 through ated annexes _,_ onformance statement	Proposed Response Cl 157 SC 157.2.4 Dawe, Piers Comment Type E medium independent SuggestedRemedy medium-independent	Response Status O P23 Nvidia Comment Status X	× /	
80.7 Chan The s Std 8 throu Claus demc (PICS Proposed C/ 91 Dawe, Pie Comment Missi	Protocol impleme ge the first parag upplier of a proto 02.3, Clause 45, gh Clause 95, Clause 154,Clause onstrates complia B) proforma. <i>I Response</i> SC 91.5.2.7 ers <i>Type</i> E	Antation conformance stateme graph of 80.7 (as modified by II bool implementation that is clai Clause 73, Clause 74, Clause ause 135 through Clause 138, 157,_Clause 161 through Cla ince by completing a protocol i <i>Response Status</i> O <i>P</i> 16 Nvidia	EEE Std 802.3ck imed to conform 81 through Clau Clause 140, Cla use 163, and rel implementation c	-2022) as follows: to any part of IEEE use 89, Clause 91 nuse 152 through ated annexes _,_ onformance statement	Proposed Response Cl 157 SC 157.2.4 Dawe, Piers Comment Type E medium independent SuggestedRemedy medium-independent	Response Status O P23 Nvidia Comment Status X	× /	
80.7 Chan The s Std 8 throu Claus demc (PICS Proposed C/ 91 Dawe, Pie Comment Missi Suggeste Bring	Protocol impleme ge the first parag supplier of a proto 02.3, Clause 45, gh Clause 95, Cla se 154, _Clause instrates complia b) proforma. <i>I Response</i> SC 91.5.2.7 ers <i>Type</i> E ng material <i>dRemedy</i>	Antation conformance statemel graph of 80.7 (as modified by II bool implementation that is clai Clause 73, Clause 74, Clause ause 135 through Clause 138, 157,_Clause 161 through Cla ince by completing a protocol i Response Status O P16 Nvidia Comment Status X 5.3.3, 91.5.3.3.1, 91.6.3, 91.7.3	EEE Std 802.3ck imed to conform 5 81 through Clau Clause 140, Clau use 163, and rel implementation c	#2-2022) as follows: to any part of IEEE use 89, Clause 91 ause 152 through ated annexes _,_ onformance statement	Proposed Response Cl 157 SC 157.2.4 Dawe, Piers Comment Type E medium independent SuggestedRemedy medium-independent	Response Status O P23 Nvidia Comment Status X	× /	

C/ 157 SC 157.4	P 24	L 22	# 165	C/ 168 SC 168.1	P 26	L 34	# 168
Dawe, Piers	Nvidia			Dawe, Piers	Nvidia		
Comment Type T	Comment Status X			Comment Type T	Comment Status X		
I think that the normativ restatement for clarity.	ve delay specs are in 168.3, a	nd what is in 80.	4 is sort of a		ong links, FEC latency is not ar	n issue but robus	tness may be
SuggestedRemedy				SuggestedRemedy			
Change "in 80.4" to "in	168.3 (and see 80.4)"			Consider allowing C 152—Inverse RS-FE	lause 161 RS-FEC-Int (with 91.	.6.7a 100G_RS_I	FEC_enable):
0	, , , , , , , , , , , , , , , , , , ,			161—RS-FEC-Int O			
Proposed Response	Response Status O			b Inverse RS-FEC is	s required to convert between R	RS-FEC and RS-F	EC-Int (see 152.1.2
				Proposed Response	Response Status 0		
C/ 157 SC 157.4	P 24	L 24	# 166				
Dawe, Piers	Nvidia			C/ 168 SC 168.1	P 26	L 48	# 169
Comment Type E	Comment Status X			Dawe, Piers	Nvidia		
Skew and Skew Variati	on is missing			Comment Type T	Comment Status X		
SuggestedRemedy				Add 100GAUI-1 C20			
Add text to refer to 168	.3.2, and refer to 80.5			SuggestedRemedy			
Proposed Response	Response Status O			00 ,	G below 135G. Optional.		
				Proposed Response	Response Status O		
C/ 157 SC 157.6	P 24	L 50	# 167				
Dawe, Piers	Nvidia			C/ 168 SC 168.1	P 27	L3	# 170
Comment Type E	Comment Status X			Dawe, Piers	Nvidia	-•	
Clause 114, Clause 15	8 through Clause 160Clause	168, and related	annexes demonstrates	Comment Type E	Comment Status X		
SuggestedRemedy		450.01		Add reference to 15			
Clause 114, Clause 15 168, and related anne	8 Xthrough Clause 160X , Clause demonstrates	ause 159, Clause	e 160, or Clause	SuggestedRemedy			
				Per comment			
[inserting a comma]							

		1.0		
7 168 SC 168.1	P 27	L 9	# 171	C/ 168 SC 168.5.1 P30 L39 # 174
awe, Piers	Nvidia			Dawe, Piers Nvidia
Comment Type E	Comment Status X			Comment Type E Comment Status X
In 157, this figure inclu	Ides OAM (OPTIONAL)			This says "TP1 and TP4 (these test points are not typically be accessible in an implemented system)" but this is outdated. Clause 167 (100G/lane VR and SR says "mig
SuggestedRemedy Do the same here?				not be accessible". Linear optical modules are feasible at 100G/lane now, at least for DR. Grammar: "are not typically be"
Proposed Response	Response Status 0			SuggestedRemedy
				Change "are not typically be" to "might not be"
C/ 168 SC 168.1	P 27	L 28	# 172	Proposed Response Response Status O
awe, Piers	Nvidia			
Comment Type E	Comment Status X			C/ 168 SC 168.5.4 P31 L23 # 175
Layout				Dawe, Piers Nvidia
uggestedRemedy				Comment Type T Comment Status X
Left justify				inter-sublayer service interface primitives defined in 131.3.
Proposed Response	Response Status 0			SuggestedRemedy
				inter-sublayer service interface primitives defined in 80.3.
C/ 168 SC 168.1	P 27	L 36	# 173	Proposed Response Response Status O
Dawe, Piers	Nvidia			
Comment Type E	Comment Status X			Cl 168 SC 168.5.4 P31 L25 # 176
Blank line?				Dawe, Piers Nvidia
SuggestedRemedy				Comment Type T Comment Status X
Remove?				While the status variables have "global" in their names so that 1-lane PHYs can be
Proposed Response	Response Status O			managed the same as multilane PHYs, saying that SIGNAL_DETECT is a *global* indicator of the presence of the optical signal isn't really right.
				SuggestedRemedy Delete "global" here and in PICS F10
				Proposed Response Response Status O

	P 31	L 31	# 177	C/ 168 S	SC 168.6.1	P 33	L 46	# 180
Dawe, Piers	Nvidia			Dawe, Piers		Nvidia		
Comment Type E	Comment Status X			Comment Type	e T	Comment Status X		
	not agree with the published 1 and 167. "Must" is deprecated.		sections in other			testing some transmitters for ⁻ 3. The cost in paperwork may		
SuggestedRemedy				SuggestedRen	nedy			
	able consequence" to "a consec ges to align with the published			conservati	ve).	6 to 15 here and in Table 168	-11 (simplifying a	and being
Proposed Response	Response Status 0			If it is thou	ght worthwhi annel optica	ecome RIN15OMA. ile, the discrete reflectances fo I return loss in Table 168-12 c		
C/ 168 SC 168.6.1	P33	L19	# 178	Proposed Res	ponse	Response Status 0		
awe, Piers	Nvidia							
Comment Type E	Comment Status X							
	ility, where the parameter limits	seem likely to re	main the same for all		SC 168.6.1	P 33	L51	# 181
3 (6) PMDs				Dawe, Piers		Nvidia		
Side-mode suppressi	ws, merge and straddle the trip on ratio (SMSR), (min)	le entries for				Comment Status X use 139 (50GBASE-FR LR Ef m correct.	२) doesn't seem	relevant; saying this is
Transmitter transition RINxOMA (max)	ume (max)			SuggestedRen	nedy			
	ce (max)					ven though the representation ause 139, they are consistent		er requirement is
Transmitter reflectance								
Transmitter reflectance	Response Status 0			Proposed Res	ponse	Response Status O		
Transmitter reflectance roposed Response	Response Status O	L39	# [179	Proposed Res				11 100
Transmitter reflectance Proposed Response	Response Status O	L 39	# 179	Proposed Res	ponse SC 168.6.1	Р 34	L1	# [182
Transmitter reflectance Proposed Response 7 168 SC 168.6.1 Pawe, Piers Comment Type E	Response Status O P33 Nvidia Comment Status X			Proposed Res Cl 168 S Dawe, Piers	SC 168.6.1	P 34 Nvidia	L1	# [<u>182</u>
Transmitter reflectance Proposed Response 7 168 SC 168.6.1 Pawe, Piers Comment Type E	Response Status O P33 Nvidia			Proposed Resp Cl 168 S Dawe, Piers Comment Type	SC 168.6.1 9 E	P 34 Nvidia Comment Status X	-	
Transmitter reflectance Proposed Response 2/ 168 SC 168.6.1 Dawe, Piers Comment Type E Use the emerging sta	Response Status O P33 Nvidia Comment Status X			Proposed Resp Cl 168 S Dawe, Piers Comment Type In equation	SC 168.6.1 e E ns, functions	P 34 Nvidia	-	
Transmitter reflectance Proposed Response Cl 168 SC 168.6.1 Dawe, Piers Comment Type E Use the emerging sta SuggestedRemedy	Response Status O P33 Nvidia Comment Status X Indard order for these parameter	ers (see Clause 1		Proposed Resp Cl 168 S Dawe, Piers Comment Type In equation Suggested Rem	SC 168.6.1 e E ns, functions nedy	P 34 Nvidia Comment Status X	-	

C/ 168 SC 168.6.3	P 35	L14	# 183	C/ 168 SC 168.7.5	.3 P38	L 53	# 187
awe, Piers	Nvidia			Dawe, Piers	Nvidia		
Comment Type T	Comment Status X			Comment Type T	Comment Status X		
6.3 dB doesn't seem ri	ght for the wavelengths conce	erned: see comm	ent against 168.9	More exceptions			
SuggestedRemedy Change 6.3 to 6.0 (or 6	6.1); change 10.6 to 10.3 (or 1	0.4)		SuggestedRemedy The signaling rate of	the test pattern generator is a	s given in Table 1	68-6 and uses a test
Proposed Response	Response Status O			There are no interferi between test pattern	TDECQ in Table 168–10. ng optical lanes and therefore on one lane and any other lan	e, as specified in	121.8.5.1, is redundar
C/ 168 SC 168.7.1 Dawe, Piers	P 36 Nvidia	L7	# 184	bandwidth of approxi at least 1.3 × 53.125 not exceed –20 dB. C	e combination of the O/E conv mately 26.5625 GHz with a fo GHz. At frequencies above 1 Compensation may be made fo	urth-order Bessel .3 × 53.125 GHz	-Thomson response to the response should
Comment Type E Sidn SuggestedRemedy	Comment Status X				on response.] e power density spectrum, N(f y a fourth-order Bessel-Thoms		
Side				Proposed Response	Response Status O		
Proposed Response	Response Status 0						
				C/ 168 SC 168.7.5	.4 P39	L19	# 188
C/ 168 SC 168.7.4	P 37	L 2	# 185	Dawe, Piers	Nvidia		
Dawe, Piers	Nvidia			Comment Type T	Comment Status X		
Comment Type E Blank line(s)? SuggestedRemedy	Comment Status X			troublesome for the r	a main tap at 0.8 would be un eceiver. The over/under-shoc ghtening this limit will make no limit will be helpful.	ot spec may catch	many such signals. If
Remove. Set the figur	e to float.			SuggestedRemedy			
Proposed Response	Response Status 0			Change 0.8 to 0.85			
				Proposed Response	Response Status 0		
C/ 168 SC 168.7.5.1	P 38	L 5	# 186				
Dawe, Piers	Nvidia						
	Comment Status X h two clauses is hard to under 3.10 and 151.8.1 it has been c						
SuggestedRemedy							
	equencies" to "GHz At freque	encies", here and	l in 168.7.10.				
Change "GHz and at fr	equencies to Onz. At neque						

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 168.7.7	P 39	L 33	# 189	C/ 168 SC 168.7.1	2 P41	L 8	# 192
lawe, Piers	Nvidia			Dawe, Piers	Nvidia		
Comment Type E	Comment Status X			Comment Type E	Comment Status X		
There is only one limit	t for this in the table			This figure is a bitma	p; grey and unclear		
SuggestedRemedy				SuggestedRemedy			
Change limits to limit				o 1	proper way so it appears as a "	vector graphic" ir	n the pdf;
roposed Response	Response Status O			Use black font; Make the axes black			
				Proposed Response	Response Status O		
/ 168 SC 168.7.10) P40	L 36	# 190				
awe, Piers	Nvidia			C/ 168 SC 168.7.1	2 P41	L 9	# 193
omment Type E	Comment Status X			Dawe, Piers	Nvidia		
There is only one limit	for this in the table			Comment Type E	Comment Status X		
uggestedRemedy				y axis can be optimis	ed		
Change limits to limit				SuggestedRemedy			
roposed Response	Response Status 0			Change the limits from	m (-18 to 0) to (-15 to -3)		
				Proposed Response	Response Status 0		
/ 168 SC 168.7.11	I P 40	L 53	# 191				
awe, Piers	Nvidia			C/ 168 SC 168.7.1	2 P41	L37	# 194
omment Type T	Comment Status X			Dawe, Piers	Nvidia		
	measured with the optical pow ne scope method described in			Comment Type E	Comment Status X		
,	ne advantage that RIN can be	calculated as a b	py-product of a TECQ	100GBASE-BR10			
measurement.				SuggestedRemedy			
IggestedRemedy	d of D000 2d; nonloco the com		1	100GBASE-BR10			
	ad of P802.3dj, replace the con r the optical return loss(es) and			Proposed Response	Response Status O		
	ge "Square wave" to "4 or 6".						
oposed Response	Response Status 0						

C/ 168 SC 168.7.12	2 <i>P</i> 41	L 40	# 195	C/ 168 SC 168.7	.13 P42	L 42	# 198
Dawe, Piers	Nvidia			Dawe, Piers	Nvidia		
Comment Type E	Comment Status X			Comment Type T	Comment Status X		
Units should be uprigl	ht not italic				ectance of the optical link shoul		
SuggestedRemedy				text to tell the reade in Fig 168-7.	er what to do, and unlike the TE	ECQ setup, there	e is no optical reflector
Per comment				SuggestedRemedy			
Proposed Response	Response Status O				delete the sentence.		
	, -						
				Proposed Response	Response Status O		
C/ 168 SC 168.7.1		L 38	# 196				
Dawe, Piers	Nvidia			C/ 168 SC 168.7	.13 P42	L 44	# 199
Comment Type E	Comment Status X			Dawe, Piers	Nvidia		
	e: conformance test signal, sigr			Comment Type T	Comment Status X		
			a kaak alawaal kaak				
	optical test signal, stressed rece anal, and stressed receiver con						
signal, input signal, si	optical test signal, stressed rece gnal, and stressed receiver con same name for a thing, every tin	formance input	signal. We are	While it should be o			
signal, input signal, si supposed to use the s	gnal, and stressed receiver con	formance input	signal. We are	While it should be of SuggestedRemedy	bvious	y other circuitry th	at could cause
signal, input signal, si supposed to use the s SuggestedRemedy	gnal, and stressed receiver con	formance input	signal. We are	While it should be o SuggestedRemedy Add text saying tha			
signal, input signal, si supposed to use the s <i>SuggestedRemedy</i> Try to clean this up, a	gnal, and stressed receiver con same name for a thing, every tin is much as is reasonable.	formance input	signal. We are	While it should be of SuggestedRemedy Add text saying tha crosstalk should be	bbvious t the PMD's transmitter and any	nsitivity (and regul	ar sensitivity) is
signal, input signal, si supposed to use the s SuggestedRemedy	gnal, and stressed receiver con same name for a thing, every tin	formance input	signal. We are	While it should be of SuggestedRemedy Add text saying tha crosstalk should be	bbvious t the PMD's transmitter and any operational when stressed ser	nsitivity (and regul	ar sensitivity) is
signal, input signal, si supposed to use the s SuggestedRemedy Try to clean this up, a Proposed Response	gnal, and stressed receiver con same name for a thing, every tin is much as is reasonable. <i>Response Status</i> O	formance input : ne (style guide 1	signal. We are 0.1.1 Homogeneity).	While it should be of SuggestedRemedy Add text saying tha crosstalk should be measured. The sa	bbvious t the PMD's transmitter and any operational when stressed ser me goes for transmitter measur	nsitivity (and regul	ar sensitivity) is
signal, input signal, si supposed to use the s SuggestedRemedy Try to clean this up, a Proposed Response Cl 168 SC 168.7.13	gnal, and stressed receiver con same name for a thing, every tin is much as is reasonable. <i>Response Status</i> O 3 <i>P</i> 42	formance input	signal. We are	While it should be of SuggestedRemedy Add text saying tha crosstalk should be measured. The sa	bbvious t the PMD's transmitter and any operational when stressed ser me goes for transmitter measur <i>Response Status</i> O	nsitivity (and regul	ar sensitivity) is
signal, input signal, si supposed to use the s SuggestedRemedy Try to clean this up, a Proposed Response Cl 168 SC 168.7.13 Dawe, Piers	gnal, and stressed receiver con same name for a thing, every tin is much as is reasonable. <i>Response Status</i> O 3 <i>P</i> 42 Nvidia	formance input : ne (style guide 1	signal. We are 0.1.1 Homogeneity).	While it should be of SuggestedRemedy Add text saying tha crosstalk should be measured. The sa Proposed Response	bbvious t the PMD's transmitter and any operational when stressed ser me goes for transmitter measur <i>Response Status</i> O	sitivity (and regul rements such as T	ar sensitivity) is ECQ and TDECQ.
signal, input signal, si supposed to use the s SuggestedRemedy Try to clean this up, a Proposed Response Cl 168 SC 168.7.13 Dawe, Piers Comment Type E	gnal, and stressed receiver con same name for a thing, every tin is much as is reasonable. <i>Response Status</i> O 3 P42 Nvidia <i>Comment Status</i> X	formance input : ne (style guide 1	signal. We are 0.1.1 Homogeneity).	While it should be of SuggestedRemedy Add text saying tha crosstalk should be measured. The sa Proposed Response	bbvious t the PMD's transmitter and any operational when stressed ser me goes for transmitter measur <i>Response Status</i> O .13.1 <i>P</i> 43	sitivity (and regul rements such as T	ar sensitivity) is ECQ and TDECQ.
signal, input signal, si supposed to use the s SuggestedRemedy Try to clean this up, a Proposed Response Cl 168 SC 168.7.1 Dawe, Piers Comment Type E "SRS" is not explained	gnal, and stressed receiver con same name for a thing, every tin is much as is reasonable. <i>Response Status</i> O 3 <i>P</i> 42 Nvidia	formance input : ne (style guide 1	signal. We are 0.1.1 Homogeneity).	While it should be of SuggestedRemedy Add text saying tha crosstalk should be measured. The sa Proposed Response Cl 168 SC 168.7 Dawe, Piers Comment Type E 100	bbvious t the PMD's transmitter and any operational when stressed ser me goes for transmitter measur <i>Response Status</i> O .13.1 <i>P</i> 43 Nvidia	sitivity (and regul rements such as T	ar sensitivity) is ECQ and TDECQ.
signal, input signal, si supposed to use the s SuggestedRemedy Try to clean this up, a Proposed Response Cl 168 SC 168.7.13 Dawe, Piers Comment Type E "SRS" is not explained SuggestedRemedy	gnal, and stressed receiver con same name for a thing, every tin is much as is reasonable. <i>Response Status</i> O 3 P42 Nvidia <i>Comment Status</i> X	formance input : ne (style guide 1	signal. We are 0.1.1 Homogeneity).	While it should be of SuggestedRemedy Add text saying tha crosstalk should be measured. The sa Proposed Response Cl 168 SC 168.7 Dawe, Piers Comment Type E	bbvious t the PMD's transmitter and any operational when stressed ser me goes for transmitter measur <i>Response Status</i> O .13.1 <i>P</i> 43 Nvidia	sitivity (and regul rements such as T	ar sensitivity) is ECQ and TDECQ.
signal, input signal, si supposed to use the s SuggestedRemedy Try to clean this up, a Proposed Response Cl 168 SC 168.7.13 Dawe, Piers Comment Type E "SRS" is not explained SuggestedRemedy Spell it out each time	gnal, and stressed receiver con same name for a thing, every tin is much as is reasonable. <i>Response Status</i> O 3 P42 Nvidia <i>Comment Status</i> X d. It is used only three times.	formance input : ne (style guide 1	signal. We are 0.1.1 Homogeneity).	While it should be of SuggestedRemedy Add text saying tha crosstalk should be measured. The sa Proposed Response Cl 168 SC 168.7 Dawe, Piers Comment Type E 100	bbvious t the PMD's transmitter and any operational when stressed ser me goes for transmitter measur <i>Response Status</i> O .13.1 <i>P</i> 43 Nvidia	sitivity (and regul rements such as T	ar sensitivity) is ECQ and TDECQ.
signal, input signal, si supposed to use the s SuggestedRemedy Try to clean this up, a Proposed Response Cl 168 SC 168.7.13 Dawe, Piers Comment Type E "SRS" is not explained SuggestedRemedy	gnal, and stressed receiver con same name for a thing, every tin is much as is reasonable. <i>Response Status</i> O 3 P42 Nvidia <i>Comment Status</i> X	formance input : ne (style guide 1	signal. We are 0.1.1 Homogeneity).	While it should be of SuggestedRemedy Add text saying tha crosstalk should be measured. The sa Proposed Response Cl 168 SC 168.7 Dawe, Piers Comment Type E 100 MHz	bbvious t the PMD's transmitter and any operational when stressed ser me goes for transmitter measur <i>Response Status</i> 0 .13.1 <i>P</i> 43 Nvidia <i>Comment Status</i> X	sitivity (and regul rements such as T	ar sensitivity) is ECQ and TDECQ.

C/ 168 SC 168.7.13	8.3 P43	L33	# 201	C/ 168 SC 168.8.	2 P44	L17	# 204
Dawe, Piers	Nvidia			Dawe, Piers	Nvidia		
omment Type E	Comment Status X			Comment Type E	Comment Status X		
Now that we have a de	efinition of TECQ, this can be	done directly		Most sections like th	nis have a footnote:		
uggestedRemedy		-			ails to meet the manufacturer's ition in excess of the safety limi		
Change "is measured a measured according to	according to 168.7.5, except t	hat the test fiber	is not used" to "is	such a case, the hos	st manufacturer is required to o		
roposed Response	Response Status O			SuggestedRemedy If this footnote is rec	uuired add it		
				Proposed Response	Response Status O		
7 168 SC 168.7.13	.3 P43	L 41	# 202	r roposed nesponse			
awe, Piers	Nvidia			C/ 168 SC 168.9	P 45	L26	# 205
omment Type E	Comment Status X				Nvidia	20	# 205
	The word may is used to indica		ction permissible	Dawe, Piers Comment Type T	Comment Status X		
within the limits of the	standard (may equals is perm	itted to).		comment type			
					6 dB at 1310 nm. 10GBASE-Bl d 50GBASE-BR10, also 1260 r		
<i>uggestedRemedy</i> Change "under-stresse might result"	ed may result" to "under-stress	sed could result"	or "under-stressed	25GBASE-BR10 an BR's shortest wavel Calculating the char	d 50GBASE-BR10, also 1260 r ength is 1303.6 nm so the sam nnel insertion loss using the link	nm, are allowed 6. e cable won't sho	.3 dB. 100GBASE- w so much loss.
SuggestedRemedy Change "under-stresse	ed may result" to "under-stress Response Status O	sed could result"	or "under-stressed	25GBASE-BR10 an BR's shortest wavel Calculating the char 1260 or 6.02 dB at 1	d 50GBASE-BR10, also 1260 r ength is 1303.6 nm so the sam nnel insertion loss using the link	nm, are allowed 6. e cable won't sho	.3 dB. 100GBASE- w so much loss.
uggestedRemedy Change "under-stresse might result" roposed Response	Response Status O			25ĞBASE-BR10 an BR's shortest wavel Calculating the char 1260 or 6.02 dB at 1 SuggestedRemedy Change 6.3 to 6 (or	d 50GBASE-BR10, also 1260 r ength is 1303.6 nm so the sam nnel insertion loss using the link	nm, are allowed 6. e cable won't sho c model, it's 6.00 c	3 dB. 100GBASE- w so much loss. dB at 1310 nm 6.20 a
uggestedRemedy Change "under-stresse might result" roposed Response	Response Status O P 44	sed could result"	or "under-stressed # 203	25ĞBASE-BR10 an BR's shortest wavel Calculating the char 1260 or 6.02 dB at 1 <i>SuggestedRemedy</i> Change 6.3 to 6 (or 10.4).	d 50GBASE-BR10, also 1260 r ength is 1303.6 nm so the sam inel insertion loss using the link 303.6 nm 6.1). Change the budget for 10	nm, are allowed 6. e cable won't sho c model, it's 6.00 c	3 dB. 100GBASE- w so much loss. dB at 1310 nm 6.20 a
uggestedRemedy Change "under-stresse might result" roposed Response 1 168 SC 168.8.1 awe, Piers comment Type E	Response Status O P 44 Nvidia Comment Status X			25ĞBASE-BR10 an BR's shortest wavel Calculating the char 1260 or 6.02 dB at 1 SuggestedRemedy Change 6.3 to 6 (or	d 50GBASE-BR10, also 1260 r ength is 1303.6 nm so the sam anel insertion loss using the link 303.6 nm	nm, are allowed 6. e cable won't sho c model, it's 6.00 c	3 dB. 100GBASE- w so much loss. dB at 1310 nm 6.20 a
 Change "under-stresse might result" Proposed Response 168 SC 168.8.1 awe, Piers Comment Type E Links to be made by st 	Response Status O P 44 Nvidia Comment Status X			25ĞBASE-BR10 an BR's shortest wavel Calculating the char 1260 or 6.02 dB at 1 <i>SuggestedRemedy</i> Change 6.3 to 6 (or 10.4).	d 50GBASE-BR10, also 1260 r ength is 1303.6 nm so the sam inel insertion loss using the link 303.6 nm 6.1). Change the budget for 10	nm, are allowed 6. e cable won't sho c model, it's 6.00 c	3 dB. 100GBASE- w so much loss. dB at 1310 nm 6.20 a
 Change "under-stresse might result" Proposed Response 168 SC 168.8.1 awe, Piers Comment Type E Links to be made by st uggestedRemedy 	Response Status O P44 Nvidia Comment Status X taff			25ĞBASE-BR10 an BR's shortest wavel Calculating the char 1260 or 6.02 dB at 1 SuggestedRemedy Change 6.3 to 6 (or 10.4). Proposed Response	d 50GBASE-BR10, also 1260 r ength is 1303.6 nm so the sam inel insertion loss using the link 303.6 nm 6.1). Change the budget for 10 <i>Response Status</i> O	nm, are allowed 6. e cable won't sho c model, it's 6.00 c DOGBASE-BR10 f	3 dB. 100GBASE- w so much loss. dB at 1310 nm 6.20 a rom 10.6 to 10.3 (or
uggestedRemedy Change "under-stresse might result" roposed Response / 168 SC 168.8.1 awe, Piers omment Type E Links to be made by st uggestedRemedy Should be forest green	Response Status O P44 Nvidia Comment Status X taff n. Also in 168.12.4.			25ĞBASE-BR10 an BR's shortest wavel Calculating the char 1260 or 6.02 dB at 1 SuggestedRemedy Change 6.3 to 6 (or 10.4). Proposed Response	d 50GBASE-BR10, also 1260 r ength is 1303.6 nm so the sam anel insertion loss using the link 303.6 nm 6.1). Change the budget for 10 <i>Response Status</i> O <i>P</i> 45	nm, are allowed 6. e cable won't sho c model, it's 6.00 c DOGBASE-BR10 f	3 dB. 100GBASE- w so much loss. dB at 1310 nm 6.20 a rom 10.6 to 10.3 (or
uggestedRemedy Change "under-stresse might result" roposed Response / 168 SC 168.8.1 awe, Piers omment Type E Links to be made by st uggestedRemedy Should be forest green	Response Status O P44 Nvidia Comment Status X taff			25ĞBASE-BR10 an BR's shortest wavel Calculating the char 1260 or 6.02 dB at 1 SuggestedRemedy Change 6.3 to 6 (or 10.4). Proposed Response C/ 168 SC 168.9 Dawe, Piers Comment Type T	d 50GBASE-BR10, also 1260 r ength is 1303.6 nm so the sam inel insertion loss using the link 303.6 nm 6.1). Change the budget for 10 <i>Response Status</i> O <i>P</i> 45 Nvidia	nm, are allowed 6. e cable won't sho c model, it's 6.00 c D0GBASE-BR10 f	3 dB. 100GBASE- w so much loss. dB at 1310 nm 6.20 a rom 10.6 to 10.3 (or
Change "under-stresse might result" Proposed Response C 168 SC 168.8.1 Pawe, Piers Comment Type E Links to be made by st CuggestedRemedy	Response Status O P44 Nvidia Comment Status X taff n. Also in 168.12.4.			25ĞBASE-BR10 an BR's shortest wavel Calculating the char 1260 or 6.02 dB at 1 SuggestedRemedy Change 6.3 to 6 (or 10.4). Proposed Response C/ 168 SC 168.9 Dawe, Piers Comment Type T This gives the dispe SuggestedRemedy	d 50GBASE-BR10, also 1260 r ength is 1303.6 nm so the sam inel insertion loss using the link 303.6 nm 6.1). Change the budget for 10 <i>Response Status</i> 0 <i>P</i> 45 Nvidia <i>Comment Status</i> X	nm, are allowed 6. e cable won't sho c model, it's 6.00 c D0GBASE-BR10 f <i>L</i> 36 direction only	3 dB. 100GBASE- w so much loss. dB at 1310 nm 6.20 a rom 10.6 to 10.3 (or # 206

			"	01.1	00 455 15	D / A	1.00	11 0 1 0
C/ 168 SC 168.9	P45	L 44	# 207	C/ 168	SC 168.10	P 46	L 26	# 210
Dawe, Piers	Nvidia			Dawe, Pier		Nvidia		
Comment Type T	Comment Status X			Comment	51	Comment Status X	210, 20 km for 10	
	changed to the IEC definition				100GBASE-BR	tion 10 km for 100GBASE-BF 40.	10, 20 KIII IOF IU	JUGDASE-DRZU UI 40
SuggestedRemedy				Suggested	Remedv			
method"	IA-526-7/method A-1" to "the IE	-C 61280-4-2 on	e-cord reference	00		tion *at* 10 km for 100GBAS	E-BR10, 20 km f	or 100GBASE-BR20
Proposed Response	Response Status O				for 100GBASE-		,	
				Proposed I	Response	Response Status O		
C/ 168 SC 168.10	P 46	L1	# 208					
Dawe, Piers	Nvidia			C/ 168	SC 168.11	P 47	L 39	# 211
Comment Type E	Comment Status X			Dawe, Pier		Nvidia		
Table 168-12 contain	ns numbers not definitions			Comment		Comment Status X		
SuggestedRemedy						for interoperation between 1 esn't say "Requirements for".		PMDs" other similar
Change "defined in" t	to "given in" or "of"			Suggested	•			
Proposed Response	Response Status 0				•	for" here and in the table title	·.	
				Proposed I		Response Status O		
C/ 168 SC 168.10	P 46	L 9	# 209					
				C/ 168	SC 168.11	P 47	L39	# 212
Dawe, Piers	Nvidia							
Comment Type E	Comment Status X			Dawe, Pier	s	Nvidia		
Comment Type E		itive) fibers or th	e requirements in	Dawe, Pier <i>Comment</i>		Nvidia Comment Status X		
Comment Type E), or type G.657.A1	Comment Status X	itive) fibers or th	e requirements in	<i>Comment</i> This ne	<i>Type</i> T eeds some text t	Comment Status X o introduce the table, which s		
Comment Type E), or type G.657.A1 SuggestedRemedy Insert comma, as in 1	Comment Status X or type G.657.A2 (bend insens			<i>Comment</i> This ne not, wi	<i>Type</i> T eeds some text t th 100GBASE-B	Comment Status X		
Comment Type E), or type G.657.A1 SuggestedRemedy Insert comma, as in 1), or type G.657.A1	Comment Status X or type G.657.A2 (bend insens 151.11.1:			<i>Comment</i> This ne not, wi	<i>Type</i> T eeds some text t th 100GBASE-B sion limits of the	Comment Status X o introduce the table, which s R10. Presumably the mixed		
Comment Type E), or type G.657.A1 SuggestedRemedy Insert comma, as in 1), or type G.657.A1	Comment Status X or type G.657.A2 (bend insens 151.11.1: or type G.657.A2 (bend insens			Comment This ne not, wi dispers Suggested Somet 168.11 The 10	Type T eeds some text t th 100GBASE-B sion limits of the <i>Remedy</i> hing like: Interoperation to 0GBASE-BR20	Comment Status X o introduce the table, which s R10. Presumably the mixed shorter-reach PMD. Detween 100GBASE-BRx PM and 100GBASE-BR40 PMD	link has to stay v IDs s can interoperat	within the chromatic
), or type G.657.A1 SuggestedRemedy Insert comma, as in 1	Comment Status X or type G.657.A2 (bend insens 151.11.1: or type G.657.A2 (bend insens			Comment This ne not, wi dispers Suggested Somet 168.11 The 10 an eng 100GE minimu directio Interop	Type T eeds some text t th 100GBASE-B sion limits of the <i>Remedy</i> hing like: Interoperation b 0GBASE-BR20 ineered link) pro ASE-BR20 in Tau m channel inse ons separately. A peration betweer	Comment Status X o introduce the table, which s R10. Presumably the mixed shorter-reach PMD.	link has to stay v IDs s can interoperat ling (channel) ch exception of the iven in Table 168 chieve the requir	within the chromatic e with each other (ove aracteristics for maximum and 8-15 for the two link red losses.

C/ 168 SC 168.12.1	P 48	L14	# 213	C/ 168 SC 168.6	P 32	L 40	# 217
Dawe, Piers	Nvidia			Dudek, Mike	Marvell		
Comment Type E	Comment Status X			Comment Type TR	Comment Status X		
Links to be made by st	aff				e that the 100GBASE-DR40		
SuggestedRemedy					100GBASE-BR20 provided 100GBASE-BR20 are met		
Should be forest greer	1. Also at like 47				s for interoperation betweer		
Proposed Response	Response Status O				of minimum losses. Section		
					veen 100GBASE-BR40 and BASE-BR40 in the off state		
				signal detect "fail" leve			- 9
C/ 168 SC 168.12.1	P 48	L 28	# 214	SuggestedRemedy			
Dawe, Piers	Nvidia				hannel losses are specified		
Comment Type E	Comment Status X			table for the inter-oper 168.11	ation between 100GBASE-E	3R40 and 100GBA	SE-BR10 to section
Blank sub-row?				Proposed Response	Response Status O		
SuggestedRemedy				Froposed Response			
Remove. Also in 168.1	2.3, twice						
Proposed Response	Response Status 0			C/ 168 SC 168.7.12	P 41	L	# 218
				Dudek, Mike	Marvell		
C/ 168 SC 168.12.3	P49	L13	# 215	Comment Type T	Comment Status X		
		L 13	# 215	5	equation constraints" need	s to be below all th	ne lines or it needs to
Dawe, Piers	Nvidia			be deleted.			
Comment Type E	Comment Status X pplies to the U PHYs but not t			SuggestedRemedy			
	pplies to the O Firms but not t	IIE D FITTS		Fix it			
SuggestedRemedy				Proposed Response	Response Status 0		
	or U and D. Status of F12 ON	IU slient start bed					
Proposed Response	Response Status O			C/ 168 SC 168.11	P 47	L 47	# 219
				Dudek, Mike	Marvell		
	P 30	L 38	# 216	Comment Type TR	Comment Status X		
C/ 168 SC 168.5.1					between the BR20 and BR		
	Marvell			snecs for the two direc	tions. To be compliant in	hoth directions it a	nnears that the loss
Dudek, Mike	Marvell Comment Status X						
Dudek, Mike					R40 would have to be min 8.		
Dudek, Mike Comment Type E				between BR20 and B	R40 would have to be min 8.		
Dudek, Mike Comment Type E poor English. SuggestedRemedy				between BR20 and BF range but could be sp SuggestedRemedy	R40 would have to be min 8.	3dB and max 10dE	3 which is a very smal
Dudek, Mike Comment Type E poor English. SuggestedRemedy	Comment Status X			between BR20 and BF range but could be sp SuggestedRemedy	840 would have to be min 8. ecified.	3dB and max 10dE	3 which is a very smal

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

C/ 157 SC 1.3	P18	L 1	# 220	C/ 00	SC O	P 8	L 4	# 223
ffenberger, Frank	Futurewei Tec	hnologies		Wienckow	ski, Natalie	IVN Solution	s LLC	
Comment Type E	Comment Status X			Comment	Type ER	Comment Status X		
Figure 157-1(a) is unf broken up in a weird v	ortunate in how it breaks over t vay.	he pages, and t	hen Table 157-2 gets			ction" needs to be updated	with P802.3dk info	ormation.
SuggestedRemedy Try to squeeze all fou Proposed Response	r speeds onto a single figure. <i>Response Status</i> O			To: St and C	je: Std 802.3-20x d 802.3dk-202x hange: Amendme	x ent title (copy from PAR) /s Bidirectional Optical Acce	ess PHYs Task Fo	prce
				Proposed	Response	Response Status 0		
C/ 45 SC 2.1.28	P15	L 43	# 221					
Comment Type E Table 45-50: The rese be reserved. SuggestedRemedy Add the following: 1 1 x x x x = Reserved 1 0 1 1 1 x = Reserved Proposed Response		there are wo co	odepoints that need to	Comment Includ Suggested	es an unchanged IRemedy unchanged row	P13 IVN Solution <i>Comment Status</i> X row when the editing instru <i>Response Status</i> O		# 2 <u>24</u> n't.
	P1 IVN Solutions <i>Comment Status</i> X e is supposed to match the nar		# 222	Comment	es an unchanged	F P13 IVN Solution Comment Status X row when the editing instru		# <u>225</u> n't.
	Bidirectional 100 Gb/s Optical ater than 50 Gb/s Bidirectional		PHYs Task Force	Delete Proposed	unchanged row Response	Response Status O		
Also change this on the	he heading of each page.							

CI 45 SC 45.2.1.8.	.1 P14	L7	# 226	C/ 45	SC 45.2.1.2	7b.7	P 14	L 43	# 229
Vienckowski, Natalie	IVN Solutions	LLC		Wienckows	ski, Natalie		IVN Solutions	s LLC	
Comment Type E	Comment Status X			Comment	Type E	Comment S	Status X		
SuggestedRemedy	d row when the editing instruct	tions say it does	n't.	2021.	Also, the highe		e defined befo	,	nbers from P802.3cp- ber bits so the new bit
Delete unchanged row	V			Suggested	Remedv	-			
Proposed Response	Response Status O			Chang	e: 45.2.1.27b.7	-45.2.1.27b.12 a 1.33.f before 45.		b.6	
C/ 45 SC 45.2.1.2		L13	# 227	Proposed I	Response	Response S	tatus O		
Vienckowski, Natalie	IVN Solutions	LLC					5		
Comment Type E	Comment Status X			Cl 45	SC 45.2.1.2		P 14	L 45	# 230
The Clause numbers f 2021.	from P802.3-2022 need to be u	used, not the nur	nbers from P802.3cp-	Wienckows Comment	,	Comment S	IVN Solutions	s LLC	
SuggestedRemedy					51			used not the nun	nbers from P802.3cp-
Change 45.2.1.27b to	45.2.1.33 and reorder to put th	he clauses in the	correct order.	2021.		101111 002.0 202	2 need to be	used, not the num	ibers nom P 002.5cp-
Change 45.2.1.27b to Proposed Response	45.2.1.33 and reorder to put the Response Status O	he clauses in the	correct order.	2021. Suggested				used, not the hun	ibers from F 602.50p-
Proposed Response	Response Status O	L15	correct order. # 228	2021. Suggested	<i>Remedy</i> e 45.2.1.27b.7			useu, not the hun	ibers non r ouz.3cp-
Proposed Response	Response Status O 7b P14 IVN Solutions	L15		2021. <i>Suggested</i> Chang	<i>Remedy</i> e 45.2.1.27b.7	to 45.2.1.33.a Response S			
Proposed Response C/ 45 SC 45.2.1.2 Vienckowski, Natalie Comment Type E	Response Status O	L15 LLC	# 228	2021. Suggested Chang Proposed I Cl 45 Wienckows	Remedy e 45.2.1.27b.7 Response SC 45.2.1.2 ski, Natalie	to 45.2.1.33.a <i>Response</i> S 7b.8	<i>itatus</i> O P 15 IVN Solutions	L1	# <u>231</u>
Proposed Response Cl 45 SC 45.2.1.2 Vienckowski, Natalie Comment Type E The Table numbers fro 2021. SuggestedRemedy	Response Status O 7b P14 IVN Solutions Comment Status X	L15 LLC sed, not the num	# 228	2021. Suggested Chang Proposed I CI 45 Wienckows Comment	Remedy e 45.2.1.27b.7 Response SC 45.2.1.2 ski, Natalie Type E	to 45.2.1.33.a Response S 7b.8 Comment S	tatus O P 15 IVN Solutions Status X	L1 SLLC	# <u>231</u>
Proposed Response Cl 45 SC 45.2.1.2 Vienckowski, Natalie Comment Type E The Table numbers fro 2021. SuggestedRemedy	Response Status O 7b P14 IVN Solutions Comment Status X om P802.3-2022 need to be us	L15 LLC sed, not the num	# 228	2021. Suggested Chang Proposed I CI 45 Wienckows Comment The CI 2021. Suggested	Remedy e 45.2.1.27b.7 Response SC 45.2.1.2 ski, Natalie Type E ause numbers 1	to 45.2.1.33.a <i>Response S</i> 7 b.8 <i>Comment S</i> from P802.3-202	tatus O P 15 IVN Solutions Status X	L1 SLLC	

2/ 45	SC 45.2.1.271	b.9	P 15	L 8	# 232	C/ 157	SC 157.1.3	P18	L 35	# 235
Vienckows	ki, Natalie		IVN Solutions	S LLC		Wienckow	/ski, Natalie	IVN Sol	utions LLC	
Comment T	Гуре Е	Commen	t Status X			Comment	Type E	Comment Status	(
The Cla 2021.	ause numbers fro	om P802.3-2	022 need to be	used, not the nu	mbers from P802.3cp-	Missir	ng editorial instrue	ction.		
	Domodu					Suggestee	dRemedy			
uggested Change	e 45.2.1.27b.9 to	4521330						: Change the second		as follows:
Proposed F			Status O			Proposed	Response	Response Status)	
, op ood a		Response								
	SC 45 0 4 07	. 40	DAE	1.40	# 000	C/ 157	SC 157.1.3	P 19	L1	# 236
/ 45	SC 45.2.1.271	0.10	P15 IVN Solutions	L13	# 233	Wienckow	/ski, Natalie	IVN Sol	utions LLC	
omment T	ski, Natalie Type E	Common	t Status X	S LLC		Comment	51	Comment Status	C	
				used not the nu	mbers from P802.3cp-	Missir	ng editorial instruc	ction.		
2021.		JIII 1 002.0-2				Suggestee				
uggested	Remedy					Add e	ditorial instructior	n: Insert Figure 157-1a	after Figure 157-1 as	follows:
Change	e 45.2.1.27b.10	to 45.2.1.33	.d			Proposed	Response	Response Status	D	
roposed F	Response	Response	Status O							
						C/ 157	SC 157.1.4	P 20	L 37	# 237
157	SC 157.1.3		P 18	L35	# 234	Wienckow	vski, Natalie	IVN Sol	utions LLC	
ienckows	ski, Natalie		IVN Solutions	s LLC		Comment	••	Comment Status	C	
omment T	Туре Е	Commen	t Status X			Missir	ng editorial instrue	ction.		
	ble should not be be shown.	broken up v	vith a Figure in t	he middle of it.	Only the new rows	Suggestee Add e	-	n: Change 157.1.4 as f	ollows:	
uggested	Remedy					Proposed	Response	Response Status)	
	litorial instruction ot shown):	Insert new	rows at the end	l of Table 157-2	as follows (unchanged			,		
Delete	the first 18 rows	of the table	which are not ch	nanged.		C/ 157	SC 157.2.1	P 20	L 45	# 238
roposed F	Response	Response	Status O			Wienckow	vski, Natalie		utions LLC	
						Comment		Comment Status	C	
						Suggestee	dRemedy			
						Add e	ditorial instructior	n: Change title 157.2.1	as follows:	
						Proposed	Response	Response Status	`	

X 157 SC 157.2.1	P 20	L 48	# 239	C/ 157 SC 1	57.2.2	P 23	L 5	# 242
/ienckowski, Natalie	IVN Solutions	LLC		Wienckowski, Natal	ie	IVN Solutions	s LLC	
omment Type E Missing editorial inst	Comment Status X			Comment Type Missing editoria		nment Status X		
<i>lggestedRemedy</i> Add editorial instruct	on: Change the last sentence	of the first parag	raph of 157.2.1 as	SuggestedRemedy Add editorial in:		ge 157.2.2 as follow	s:	
follows: Move all text to befor changes.	e the tables. Delete the uncha	nged sentences	as they have no	Proposed Respons	e Resp	oonse Status O		
roposed Response	Response Status O			C/ 157 SC 1	57.2.3	P 23	L12	# 243
				Wienckowski, Natal	ie	IVN Solutions	s LLC	
/ 157 SC 157.2. 1 /ienckowski, Natalie	P 21 IVN Solutions	LLC	# 240	Comment Type Missing editoria		nment Status X		
omment Type E Delete unchanged co	Comment Status X			SuggestedRemedy Add editorial in:		ge 157.2.3 as follow	s:	
uggestedRemedy Delete Table 157-3, [°]	Table 157-4, Table 157-5.			Proposed Respons	e Resp	oonse Status O		
oposed Response	Response Status 0			C/ 157 SC 1	57.2.4	P 23	L19	# 244
				Wienckowski, Natal	ie	IVN Solutions	s LLC	
157 SC 157.2.1 ienckowski, Natalie	P 22 IVN Solutions	2 6 LLC	# 241	Comment Type Missing editoria		nment Status X		
omment Type E Missing editorial inst	Comment Status X ruction.				struction: Char	ge the second and t doesn't have any ch		of 157.2.4 as follows:
<i>iggestedRemedy</i> Add editorial instruct	on: Insert Table 157-6 after Ta	able 157-5 as foll	ows:	Proposed Respons	e Resp	onse Status O		
oposed Response	Response Status O							
•	,			C/ 157 SC 1	57.2.5	P 23	L34	# 245
				Wienckowski, Natal	ie	IVN Solutions	s LLC	
				Comment Type Missing editoria		nment Status X		
				SuggestedRemedy Add editorial in:		ge 157.2.5 as follow	s:	

Comment ID 245

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C/ 157 SC 157.2.6	P 23	L39	# 246	C/ 157 SC 157.4	P24	L10	# 249
Wienckowski, Natalie	۲ کے IVN Solutions	•••	# 240	Wienckowski, Natalie	r 24 IVN Solutions		# 249
Comment Type E	Comment Status X			Comment Type E	Comment Status X		
Unchanged subclause				Missing editorial instruc			
SuggestedRemedy				SuggestedRemedy			
Delete 157.2.6				Add editorial instruction Delete unchanged para	: Insert paragraph at the end graphs.	of 157.4 as follows:	
Proposed Response	Response Status O			Proposed Response	Response Status O		
C/ 157 SC 157.2.7	P 23	L 43	# 247				
Wienckowski, Natalie	IVN Solutions	LLC		C/ 157 SC 157.5	P 24	L 39	# 250
Comment Type E	Comment Status X			Wienckowski, Natalie	IVN Solutions	LLC	
Unchanged subclause				Comment Type E Unchanged subclause	Comment Status X		
SuggestedRemedy				SuggestedRemedy			
Delete 157.2.7				Delete 157.5			
Proposed Response	Response Status 0						
				Proposed Response	Response Status O		
C/ 157 SC 157.3	P 23	L 51	# 248	C/ 157 SC 157.6	P 24	L 4 7	# 251
Wienckowski, Natalie	IVN Solutions	LLC					# 251
Comment Type E	Comment Status X			Wienckowski, Natalie	IVN Solutions	LLC	
Missing editorial instruct	tion.			Comment Type E Missing editorial instruc	Comment Status X tion.		
SuggestedRemedy				SuggestedRemedy			
Add editorial instruction: Delete unchanged parag	: Insert paragraph at the end graphs.	l of 157.3 as follo	ows:	Add editorial instruction	: Change the first paragraph		:
Proposed Response	Response Status 0				graph as it doesn't have any o	changes.	
				Proposed Response	Response Status O		

V 157 SC 157.6	P 24	L 49	# 252	C/ 168 SC 168.1	P 26	L 7	# 255
Vienckowski, Natalie	IVN Solutions	LLC		Wienckowski, Natalie	IVN Solution	s LLC	
Comment Type E	Comment Status X			Comment Type E	Comment Status X		
broken link					editor's notes in D2.0 or later.		
SuggestedRemedy				SuggestedRemedy			
fix the Clause 45 link a requested.	as it is in the document. Corre	ct links not in th	e document as already		g which subclause this is base 168.7, 168.8, 168.9, 168.10, a		ilar notes in 168.2,
Proposed Response	Response Status O			Proposed Response	Response Status O		
C/ 168 SC 168	P 26	LO	# 253	C/ 168 SC 168.1	P 26	L19	# 256
Vienckowski, Natalie	IVN Solutions	LLC		Wienckowski, Natalie	IVN Solution	s LLC	
Comment Type E Missing editorial instru	Comment Status X			Comment Type E broken link	Comment Status X		
SuggestedRemedy				SuggestedRemedy			
Add editorial instruction	n: Insert Clause 168.			fix the Clause 45 link	as it is in the document.		
Proposed Response	Response Status O			Proposed Response	Response Status 0		
C/ 00 SC 0	P11	L 54	# 254	C/ 168 SC 168.4	P 29	L 27	# 257
Vienckowski, Natalie	IVN Solutions	LLC		Wienckowski, Natalie	IVN Solution	s LLC	
Comment Type ER Missing table of conte	Comment Status X			Comment Type E tables should not be	Comment Status X in the middle of a paragraph		
SuggestedRemedy Create table of conten	ts and insert after the introduc	tory material an	d before Clause 30.	SuggestedRemedy Move Tables 168-2 a	and 168-3 after the paragraph t	ext.	
Proposed Response	Response Status 0			Proposed Response	Response Status O		
				C/ 168 SC 168.7.5	5. 4 P 39	L 27	# 258
				Wienckowski, Natalie	IVN Solution	s LLC	
				Comment Type E figures should not be	Comment Status X		
				SuggestedRemedy Move Figure 168-5 a	fter the paragraph text.		

C/ 168 SC 168.7.1	3.1 P42	L35	# 259	C/ 45	SC 45.2.1.27	b.12 P15	L25	# 262
Wienckowski. Natalie	IVN Solutions		# 233			IVN Solutions		# 202
,					ski, Natalie			
Comment Type E Figure 168-7 is part of	Comment Status X of 168.7.13.1, not 168.7.13.			<i>Comment</i> The C		Comment Status X rom P802.3-2022 need to be	used, not the nur	nbers from P802.3cp-
SuggestedRemedy				2021.				
,	fter the first paragraph of 168.7	7 13 1		Suggested	Remedy			
-		.10.1.		Chang	je 45.2.1.27b.12	to 45.2.1.33.f		
Proposed Response	Response Status O			Proposed	Response	Response Status 0		
C/ 168 SC 168.9	P 45	L19	# 260					
Wienckowski. Natalie	IVN Solutions	s LLC		C/ 157	SC 157.1.1	P 17	L 3	# 263
Comment Type E	Comment Status X			Wienckow	ski, Natalie	IVN Solutions	s LLC	
51	in the middle of a paragraph			Comment Missin	<i>Type</i> E g editorial instru	Comment Status X		
SuggestedRemedy					•			
Move Table 168-12 a	after the paragraph text.			Suggested				
Proposed Response	Response Status O					 Change the first and seco as it has no changes. 	nd paragraphs of	157.1.1 as follows:
				Proposed	Response	Response Status 0		
C/ 45 SC 45.2.1.	27b.11 <i>P</i> 15	L 19	# 261					
Wienckowski, Natalie	IVN Solutions	s LLC		C/ 157	SC 157.1.2	P 17	L23	# 264
Comment Type E	Comment Status X			Wienckow	ski. Natalie	IVN Solutions	s LLC	
	from P802.3-2022 need to be	used, not the nur	mbers from P802.3cp-	Comment	,	Comment Status X		
2021.					g editorial instru			
SuggestedRemedy					-			
Change 45.2.1.27b.	11 to 45.2.1.33.e			Suggested				
Proposed Response	Response Status O			Add e	ditorial instruction	n: Change 157.1.2 as follows	S:	
,				Proposed	Response	Response Status O		

-								
C/ 157 SC 157.1	.2 P17	L 28	# 265	C/ 168 S	C 168.6.1	P33	L	# 268
Wienckowski, Natalie	IVN Solution	s LLC		Maniloff, Eric		Ciena		
Comment Type ER	Comment Status X			Comment Type	TR	Comment Status X		
template: Any cros	rnal points not properly indicate s references that refer to clause endment are highlighted in gree	es, tables, equatio	ons, or figures not	TDECQ the between M	e OMA (Ìin) lin and Max f	x) values for 100GBASE-BR values for these are 3.1/-0.3 for BR20 and 0.5dB difference ce for manufacturing yield, li	3/7.8 dBm. This ce between Min	leaves 0.3 dB difference and Max for BR40. This
SuggestedRemedy				SuggestedRem	nedy			
Correct all external	references per instructions thro	ughout the docun	nent.			for 100GBASEBR20 and B		
Proposed Response	Response Status O					Iternatively the minimum ON ween Min and Max values.	IA could be red	uced. Ensure a minimum
				Proposed Resp	oonse	Response Status 0		
C/ 157 SC 157.1	.3 P17	L 51	# 266					
Wienckowski, Natalie	IVN Solution	s LLC		C/ 168 S	C 168.6.3	P35	L	# 269
Comment Type E	Comment Status X			Maniloff, Eric		Ciena		
Material and a second s								
Missing editorial ins The entire subclaus	struction. se shouldn't be included, only th	e changes should	d be included.	Comment Type		Comment Status X		
The entire subclaus SuggestedRemedy Add editorial instruct shown):	se shouldn't be included, only th ction: Change row "r" of Table ?	157-1 as follows (i		Penalty allo more for th and MPI pe	ocations incl e 20 & 40km enalties. DG	Comment Status X ude 0.9dB more than TDEC of specs. Penalty allocations D is $3.1/3.9/5.0$ ps for $10/20/40$ kms would be \geq those for	normally include 40km specs. Th	e allocations for DGD
The entire subclaus SuggestedRemedy Add editorial instruct shown): Delete text before t	se shouldn't be included, only th ction: Change row "r" of Table ² he table and unchanged table re	157-1 as follows (i		Penalty allo more for th and MPI pe	ocations inclue e 20 & 40km enalties. DG ies for 20 & 4	ude 0.9dB more than TDEC n specs. Penalty allocations D is 3.1/3.9/5.0 ps for 10/20/	normally include 40km specs. Th	e allocations for DGD
The entire subclaus SuggestedRemedy Add editorial instruct shown):	se shouldn't be included, only th ction: Change row "r" of Table ?	157-1 as follows (i		Penalty allo more for th and MPI pe that penalti SuggestedRen	ocations incl e 20 & 40km enalties. DG ies for 20 & 4 nedy penalties an	ude 0.9dB more than TDEC n specs. Penalty allocations D is 3.1/3.9/5.0 ps for 10/20/	normally include 40km specs. Th 10 km.	e allocations for DGD ne expectation would be
The entire subclaus SuggestedRemedy Add editorial instruct shown): Delete text before the Proposed Response	se shouldn't be included, only th ction: Change row "r" of Table ² he table and unchanged table re <i>Response Status</i> O	157-1 as follows (i		Penalty allo more for th and MPI pe that penalti SuggestedRen Adjust the	ocations incl e 20 & 40km enalties. DGi ies for 20 & 4 <i>nedy</i> penalties and ts.	ude 0.9dB more than TDEC n specs. Penalty allocations D is 3.1/3.9/5.0 ps for 10/20/ 40 kms would be ≥ those for	normally include 40km specs. Th 10 km.	e allocations for DGD ne expectation would be
The entire subclaus SuggestedRemedy Add editorial instruct shown): Delete text before the Proposed Response Cl 157 SC 157.1	se shouldn't be included, only th ction: Change row "r" of Table ² he table and unchanged table re <i>Response Status</i> O	L1	unchanged rows not	Penalty allo more for th and MPI pe that penalti SuggestedRem Adjust the impairment	ocations incl e 20 & 40km enalties. DGi ies for 20 & 4 <i>nedy</i> penalties and ts.	ude 0.9dB more than TDEC n specs. Penalty allocations D is 3.1/3.9/5.0 ps for 10/20/ 40 kms would be ≥ those for d corresponding related spe	normally include 40km specs. Th 10 km.	e allocations for DGD ne expectation would be
The entire subclaus SuggestedRemedy Add editorial instruct shown): Delete text before the Proposed Response Cl 157 SC 157.1 Wienckowski, Natalie	se shouldn't be included, only th otion: Change row "r" of Table 7 he table and unchanged table ro <i>Response Status</i> O .3 <i>P</i> 18	L1	unchanged rows not	Penalty alk more for th and MPI pe that penalti SuggestedRen Adjust the impairment Proposed Resp	ocations incl e 20 & 40km enalties. DGi ies for 20 & 4 <i>nedy</i> penalties and ts.	ude 0.9dB more than TDEC n specs. Penalty allocations D is 3.1/3.9/5.0 ps for 10/20/ 40 kms would be ≥ those for d corresponding related spe	normally include 40km specs. Th 10 km.	e allocations for DGD ne expectation would be
The entire subclaus SuggestedRemedy Add editorial instruct shown): Delete text before ti Proposed Response Cl 157 SC 157.1 Wienckowski, Natalie Comment Type E Missing editorial ins	se shouldn't be included, only th ction: Change row "r" of Table ² he table and unchanged table ro <i>Response Status</i> 0 .3 <i>P</i> 18 IVN Solution <i>Comment Status</i> X struction.	L1	unchanged rows not	Penalty alk more for th and MPI pe that penalti SuggestedRen Adjust the impairment Proposed Resp	ocations incl e 20 & 40km enalties. DGi ies for 20 & 4 nedy penalties and ts. ponse	ude 0.9dB more than TDECo n specs. Penalty allocations D is 3.1/3.9/5.0 ps for 10/20/ 40 kms would be ≥ those for d corresponding related spe <i>Response Status</i> O	normally include 40km specs. Th 10 km. cifications to ali	e allocations for DGD ne expectation would be gn with the link
The entire subclaus SuggestedRemedy Add editorial instruct shown): Delete text before the Proposed Response CI 157 SC 157.1 Wienckowski, Natalie Comment Type E Missing editorial inst The unchanged figure	se shouldn't be included, only th ction: Change row "r" of Table ² he table and unchanged table ro <i>Response Status</i> 0 .3 <i>P</i> 18 IVN Solution <i>Comment Status</i> X	L1	unchanged rows not	Penalty allo more for th and MPI pe that penalti SuggestedRem Adjust the impairment Proposed Resp Cl 168 S	bocations incl e 20 & 40km enalties. DG ies for 20 & 4 nedy penalties and ts. ponse C 168.6.3	ude 0.9dB more than TDEC n specs. Penalty allocations D is 3.1/3.9/5.0 ps for 10/20/ 40 kms would be ≥ those for d corresponding related spe <i>Response Status</i> O <i>P</i> 35	normally include 40km specs. Th 10 km. cifications to ali	e allocations for DGD ne expectation would be gn with the link
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	values in Table168-12 indi	cating the metho	od used to calculate the
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