C/FM SC FM	P1	L10	# 147	C/ FM	SC FM	P1	L24	# 86
Marris, Arthur	Cadence Des	ign Systems		Grow, Rob	pert	RMG Consult	ing	
Comment Type ER	Comment Status X			Comment	Туре Т	Comment Status X		
State this is amendm	nent 11 and list the prior amend	ments				ed. On the date of this comme		
SuggestedRemedy					,	hich are published, and at least 10 and 11 that are ahead of th		5
	This draft is an amendment of I		, , , , , , , , , , , , , , , , , , ,	Suggestea	lRemedv			
802.3cn-2019, IEEE	018, IEEE Std 802.3bt-2018, IEE Std 802.3cg-2019, IEEE Std 80 020, IEEE Std 802.3ca-2020, an	2.3cq-2020, IEE	E Std 802.3cm-2020,	00	,	r-20xx to the list as the 10th an	mendment (befo	re IEEE Std 802.3cu-
Proposed Response	Response Status O			Proposed	Response	Response Status O		
C/FM SC FM	P1	L13	# 11	C/ FM	SC FM	P1	L 24	# 68
Hajduczenia, Marek	Charter			Nicholl, Sh	nawn	Xilinx		
Comment Type E	Comment Status X			Comment	Type ER	Comment Status X		
Suggest to break title	e before "and 50"			Missin	ig some existing	g amendments in the frontmatt	er.	
	e before "and 50"			Missin Suggestea	0	g amendments in the frontmatt	er.	
SuggestedRemedy	e before "and 50" ore "and 50" to make title look a	bit better		Suggested Propos	<i>Remedy</i> se to replace ",	and IEEE Std 802.3cd-2018" v	with ",IEEE Std 8	
SuggestedRemedy		bit better		Suggestea Propos 802.30	<i>Remedy</i> se to replace ", cn-2019, IEEE	and IEEE Std 802.3cd-2018" v Std 802.3cg-2019, IEEE Std 80	with ",IEEE Std a 02.3cq-2020, IEI	
SuggestedRemedy Insert line break befo	ore "and 50" to make title look a	bit better		Suggestea Propos 802.30	IRemedy se to replace ", cn-2019, IEEE Il as any other r	and IEEE Std 802.3cd-2018" v	with ",IEEE Std a 02.3cq-2020, IEI	
SuggestedRemedy Insert line break befo Proposed Response	ore "and 50" to make title look a	bit better	# 50	Suggesteo Propos 802.30 as wel	IRemedy se to replace ", cn-2019, IEEE Il as any other r	and IEEE Std 802.3cd-2018" v Std 802.3cg-2019, IEEE Std 80 relevant in-progress amendmer	with ",IEEE Std a 02.3cq-2020, IEI	
SuggestedRemedy Insert line break befo Proposed Response	ore "and 50" to make title look a Response Status O		# 50	Suggesteo Propos 802.30 as wel	IRemedy se to replace ", cn-2019, IEEE Il as any other r	and IEEE Std 802.3cd-2018" v Std 802.3cg-2019, IEEE Std 80 relevant in-progress amendmer	with ",IEEE Std a 02.3cq-2020, IEI	
SuggestedRemedy Insert line break befo Proposed Response C/ FM SC FM Lewis, Jon Comment Type ER	ore "and 50" to make title look a Response Status O P1 Dell EMC Comment Status X		# <u>50</u>	Suggestea Propos 802.3c as wel Proposed	IRemedy se to replace ", cn-2019, IEEE Il as any other r Response SC FM	and IEEE Std 802.3cd-2018" v Std 802.3cg-2019, IEEE Std 80 relevant in-progress amendmer <i>Response Status</i> O	with ",IEEE Std a 02.3cq-2020, IEI nts.	EE Std 802.3cm-2020"
SuggestedRemedy Insert line break befo Proposed Response C/ FM SC FM Lewis, Jon Comment Type ER	ore "and 50" to make title look a <i>Response Status</i> O <i>P</i> 1 Dell EMC		# <u>50</u>	Suggestea Propos 802.3c as wel Proposed f	IRemedy se to replace ", cn-2019, IEEE I as any other r Response SC FM	and IEEE Std 802.3cd-2018" v Std 802.3cg-2019, IEEE Std 80 relevant in-progress amendmer <i>Response Status</i> O <i>P</i> 1	with ",IEEE Std a 02.3cq-2020, IEI nts.	EE Std 802.3cm-2020"
SuggestedRemedy Insert line break befo Proposed Response CI FM SC FM Lewis, Jon Comment Type ER The list of "as amend	ore "and 50" to make title look a Response Status O P1 Dell EMC Comment Status X		# <u>50</u>	Suggestea Propos 802.3c as wel Proposed of C/ FM Lewis, Jor Comment	IRemedy se to replace ", cn-2019, IEEE I as any other r Response SC FM	and IEEE Std 802.3cd-2018" v Std 802.3cg-2019, IEEE Std 80 elevant in-progress amendmer <i>Response Status</i> O <i>P</i> 1 Dell EMC	with ",IEEE Std a 02.3cq-2020, IEI nts.	EE Std 802.3cm-2020"
SuggestedRemedy Insert line break befo Proposed Response C/ FM SC FM Lewis, Jon Comment Type ER The list of "as amend SuggestedRemedy Please align with the	ore "and 50" to make title look a <i>Response Status</i> O <i>P</i> 1 Dell EMC <i>Comment Status</i> X ded by" is not up to date. Patenter FM template available or	L23	nis should at a	Suggestea Propos 802.3c as wel Proposed of C/ FM Lewis, Jor Comment	IRemedy se to replace ", cn-2019, IEEE Il as any other r Response SC FM Type E raft is for Initial	and IEEE Std 802.3cd-2018" v Std 802.3cg-2019, IEEE Std 80 relevant in-progress amendmer <i>Response Status</i> O <i>P</i> 1 Dell EMC <i>Comment Status</i> X	with ",IEEE Std a 02.3cq-2020, IEI nts.	EE Std 802.3cm-2020"
SuggestedRemedy Insert line break befo Proposed Response CI FM SC FM Lewis, Jon Comment Type ER The list of "as amend SuggestedRemedy Please align with the minimum include "IEI	ore "and 50" to make title look a Response Status O P1 Dell EMC Comment Status X ded by" is not up to date.	L23 h the website. Th 802.3bt-2018, II	his should at a EEE Std 802.3cd-	Suggested Proposed 802.3c as wel Proposed I C/ FM Lewis, Jor Comment This d Suggested Chang	IRemedy se to replace ", cn-2019, IEEE Il as any other r Response SC FM Type E raft is for Initial IRemedy ge "Draft D1.3 is	and IEEE Std 802.3cd-2018" v Std 802.3cg-2019, IEEE Std 80 relevant in-progress amendmer <i>Response Status</i> O <i>P</i> 1 Dell EMC <i>Comment Status</i> X	with ",IEEE Std a D2.3cq-2020, IEI nts. <i>L</i> 24 ew [review/ballot	EE Std 802.3cm-2020" # <u>51</u> ing stage]" to "Draft

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

C/ FM SC FM

C/ FM SC FM	P1	L 24	# 12	C/FM SC FM	P1	L 25	# 284
Hajduczenia, Marek	Charter			Dawe, Piers	Nvidia		
Comment Type ER This is not draft D1.3	Comment Status X			Comment Type E [review/balloting stag	Comment Status X		LATI
SuggestedRemedy FM summary must be f	filled in as well			SuggestedRemedy Delete			
Proposed Response	Response Status O			Proposed Response	Response Status O		
C/FM SC FM	P1	L 24	# 283	C/FM SC FM	P2	L1	# 99
Dawe, Piers	Nvidia			Wienckowski, Natalie	General Mot	ors	
Comment Type E D1.3	Comment Status X		LATE	Comment Type E Abstract needs to be	Comment Status X completed.		
SuggestedRemedy				SuggestedRemedy			
Would be D2.1 next tim Proposed Response	ne Response Status O				his amendment to IEEE Std 8 mendment to IEEE Std 802.3- ptical Access PHYs.		
				Proposed Response	Response Status O		
				- p			
C/FM SC FM	P1	L 24	# 282				
	P 1 Nvidia	L 24	# 282	C/ FM SC FM	P2	L1	# 285
Dawe, Piers Comment Type E	-	L 24	# <u>282</u> LATE			L1	# 285
Dawe, Piers Comment Type E [complete]	Nvidia	L 24		C/FM SC FM	P 2	L1	# 285
Dawe, Piers Comment Type E [complete] SuggestedRemedy	Nvidia	L 24		C/ FM SC FM Dawe, Piers	P 2 Nvidia	L1	
Dawe, Piers Comment Type E [complete]	Nvidia	L 24		C/ FM SC FM Dawe, Piers Comment Type E	P 2 Nvidia	L1	
Dawe, Piers Comment Type E [complete] SuggestedRemedy Complete it	Nvidia Comment Status X	L 24		C/ FM SC FM Dawe, Piers Comment Type E Abstract SuggestedRemedy	P 2 Nvidia	L1	
Dawe, Piers Comment Type E [complete] SuggestedRemedy Complete it Proposed Response	Nvidia Comment Status X	L 24 L 24		C/ FM SC FM Dawe, Piers Comment Type E Abstract SuggestedRemedy Write it	P 2 Nvidia Comment Status X	L1	
Dawe, Piers <i>Comment Type</i> E [complete] <i>SuggestedRemedy</i> Complete it <i>Proposed Response</i> <i>CI</i> FM SC FM	Nvidia Comment Status X Response Status O		LATE	C/ FM SC FM Dawe, Piers Comment Type E Abstract SuggestedRemedy Write it	P 2 Nvidia Comment Status X	L1	
Dawe, Piers <i>Comment Type</i> E [complete] <i>SuggestedRemedy</i> Complete it <i>Proposed Response</i> <i>CI</i> FM <i>SC</i> FM Dawe, Piers <i>Comment Type</i> E	Nvidia Comment Status X Response Status O P1 Nvidia Comment Status X		LATE	C/ FM SC FM Dawe, Piers Comment Type E Abstract SuggestedRemedy Write it	P 2 Nvidia Comment Status X	L1	
Dawe, Piers <i>Comment Type</i> E [complete] <i>SuggestedRemedy</i> Complete it <i>Proposed Response</i> <i>CI</i> FM SC FM Dawe, Piers <i>Comment Type</i> E [list to be populated dur	Nvidia Comment Status X Response Status O P1 Nvidia		LATE # 281	C/ FM SC FM Dawe, Piers Comment Type E Abstract SuggestedRemedy Write it	P 2 Nvidia Comment Status X	L1	
Dawe, Piers <i>Comment Type</i> E [complete] <i>SuggestedRemedy</i> Complete it <i>Proposed Response</i> <i>CI</i> FM SC FM Dawe, Piers <i>Comment Type</i> E [list to be populated dual <i>SuggestedRemedy</i>	Nvidia Comment Status X Response Status O P1 Nvidia Comment Status X Iring publication process]	L 24	# 281 LATE	C/ FM SC FM Dawe, Piers Comment Type E Abstract SuggestedRemedy Write it	P 2 Nvidia Comment Status X	L1	

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

C/ FM SC FM Page 2 of 48 6/28/2020 10:36:09 PM

CI FM SC FM	P 2	L1	# 6	CI FM SC FM	P 2	L 2	# 100
Anslow, Pete	Self		_	Wienckowski, Natalie	General Moto	ors	
Comment Type ER The abstract and keyw	Comment Status X vords are not populated			Comment Type E Keywords need to be co	Comment Status X mpleted.		
SuggestedRemedy Add appropriate abstra	act text and suitable keywords	3		SuggestedRemedy Change: Keywords: Eth	ernet: [keywords list]		
Proposed Response	Response Status O			To: Keywords: Ethernet, BR40, and 10GBASE-BF	rrGBASE-BRx-d, 10GBAS R40+, 25GBASE-BR10, 25G RASE-BR10, 50GBASE-BR	GBASE-BR20, 2	5GBASE-BR40, and
CIFM SCFM	P 2	L1	# 148	Proposed Response	Response Status O		
Marris, Arthur	Cadence Des	sign Systems					
Comment Type ER Missing abstract text	Comment Status X			C/FM SC FM	P2	L 2	# 286
SuggestedRemedy				Dawe, Piers	Nvidia		
Add abstract text Proposed Response	Destruction of the function			Comment Type E Keywords	Comment Status X		LATI
	Response Status O			SuggestedRemedy List them			
CIFM SCFM	P 2	L1	# 87	Proposed Response	Response Status O		
Grow, Robert	RMG Consult	ting					
Comment Type E Front matter is incomp	Comment Status X			C/FM SC FM	P 2	L 3	# 88
SuggestedRemedy				Grow, Robert	RMG Consult	ing	
Add Abstract.				Comment Type E	Comment Status X		
Proposed Response	Response Status O			Front matter is incomplet	te.		
				SuggestedRemedy Add Keywords.			
C/FM SCFM	P 2	L1	# 13	Proposed Response	Response Status O		
Hajduczenia, Marek	Charter				,		
Comment Type ER Abstract and keywords	Comment Status X s should be filled in at this time	e					
SuggestedRemedy Please fill in abstract a	and keywords						
Proposed Response	Response Status O						
,							

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

C/ FM SC FM

C/FM SC FM	P7	L 4	# 89	C/FM SC FM	P 7	L19	# 90
Grow, Robert	RMG Consulti	ng		Grow, Robert	RMG Consult	ing	
Comment Type E This number of this s	Comment Status X standard is known.			Comment Type E The WG ballot group list is	Comment Status X now known.		
SuggestedRemedy 802.3cp				SuggestedRemedy Fill in WG list.			
Proposed Response	Response Status O			Proposed Response F	Response Status O		
C/FM SC FM	P7	L 9	# 146	C/FM SC FM	P 9	L 4	# 101
Lusted, Kent	Intel Corporati	on		Wienckowski, Natalie	General Moto	rs	
Comment Type ER	Comment Status X			51	Comment Status X		
The IEEE 802.3 WG	Recording Secretary is now "Jo	on Lewis", not "	Pete Anslow"	Amendment title is not add	ed in box.		
SuggestedRemedy				SuggestedRemedy			
Change to "Jon Lewi				Change: Amendment: Am To: Amendment: Bidirection			al Access PHVs
Proposed Response	Response Status O				Response Status O		ai Autoss i 1113
C/FM SCFM	P7	L 9	# 49	C/FM SC FM	P9	L 29	# 100
Lewis, Jon	Dell EMC				-		# 102
Comment Type ER Pete Anslow is no lo	Comment Status X nger the 802.3 WG secretary			21	General Moto Comment Status X	irs	
SuggestedRemedy Change "Pete Anslo	w" to ".lon Lewis"			Ammendment identifier no SuggestedRemedy	l added.		
Proposed Response	Response Status O			Change: IEEE Std 802.3x To: IEEE Std 802.3cp-20x			
				Proposed Response F	Response Status O		
C/FM SC FM	P 7	L15	# 14				
Hajduczenia, Marek	Charter						
Comment Type E	Comment Status X ge, it is usual to designate them	separately as I	Phase 1 and Phase 2				
editors							

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

C/ FM SC FM Page 4 of 48 6/28/2020 10:36:09 PM

CI FM SC FM	P10	L 1	# 15	C/ FM SC FM	P 10	L48	# 104
Hajduczenia, Marek	Charter			Wienckowski, Natalie	General Moto	rs	
Comment Type ER Front Matter is not up	Comment Status X			Comment Type E Missing ammendmen	Comment Status X nt descriptions		
SuggestedRemedy Update FM text and c constant process. Proposed Response	content to match the latest amo Response Status O	endments publisł	ned. Yes, it is a	amendments and ad This amendment ado	3cg™-2019 amendment includes changes ds Clause 146 through Clause is 10 Mb/s Physical Layer spec igle balanced pair of conductors	148 and Annex 2 ifications and ma	46A and Annex 146B.
C/FM SCFM	P10	L 47	# 149	Proposed Response	Response Status O		
Marris, Arthur	Cadence Des	sign Systems					
Comment Type ER	Comment Status X			C/FM SC FM	P10	L48	# 105
This list is missing an	naendments 4 to 10			Wienckowski, Natalie	General Moto	rs	
<i>uggestedRemedy</i> Add descriptions of a	mendments 4 to 10			Comment Type E Missing ammendme	Comment Status X		
Proposed Response	Response Status O	L 48	# 107		3cq™-2020 amendment includes editorial a Clause 33 and related portions o		rrections, refinements,
Vienckowski. Natalie	General Moto			Proposed Response	Response Status O		
Comment Type E	Comment Status X						
Missing ammendmen	nt descriptions			C/FM SC FM	P10	/ 48	# 400
uggestedRemedy					General Moto		# 103
Add: IEEE Std 802.3	3ch™-2020			Wienckowski, Natalie		rs	
	amendment includes changes 49A, Annex 149B, and Annex			Comment Type E Missing ammendmer	Comment Status X		
layer specifications ar	nd management parameters for			SuggestedRemedy			
Ũ	lanced pair of conductors.			Add: IEEE Std 802.3	3cn™-2019		
Proposed Response	Response Status O			Amendment 4—This Gb/s, 200 Gb/s, and	amendment includes changes 400 Gb/s Physical Layer specif Igle-mode fiber with reaches of	ications and ma	
				Proposed Response	Response Status O		

C/ FM SC FM

C/FM SC FM	P10	L 48	# 108	C/ FM	SC FM	P 10	L 49	# 91
Vienckowski, Natalie	General Motor	rs		Grow, Ro	bert	RMG Consultin	ng	
omment Type E Missing ammendme	Comment Status X nt descriptions				plete list of ame	Comment Status X endment descriptions, including thers can copy into their front n		on for IEEE Std
ggestedRemedy				Suggester	•			
Ethernet Passive Op symmetric and asym 25/10 Gb/s, 25/25 G specifies the 25 Gb/s Nx25G-EPON PHYs and Physical Mediur asymmetric data rate	amendment to IEEE Std 802.3 tical Networks (EPONs) to mult imetric operation for the followin b/s, 50/10 Gb/s, 50/25 Gb/s, and s EPON Multi-Channel Reconcil ical Coding Sublayers (PCSs), F n Dependent sublayers (PMDs) es while maintaining backward co	iple channels of g data rates (do d 50/50 Gb/s. Th iation Sublayer (Physical Media / that support bot compatibility with	25 Gb/s providing both wnstream/upstream): nis amendment MCRS), 25GBASE- Attachments (PMAs), h symmetric and already deployed 10	drafts using Write	. If properly writ Mr. Laws list of	nrough 9 at a minimum, copying ten, this draft should also be de 24 June that has this project as of this amendment. <i>Response Status</i> O	pendent on P8	02.3cu. Recommend
for a split ratio of at l	ent. The EPON operation is define east 1:32.	ned for distance	s of at least 20 km, and	C/ FM	SC FM	P10	L 49	# 109
oposed Response	Response Status O			Wienckow	vski, Natalie	General Motor	s	
				Comment	Type E	Comment Status X		
FM SC FM	P10	L48	# 106	Missir	ng description of	this ammendment.		
ienckowski, Natalie	General Motor		# 100	Suggested	dRemedy			
<i>omment Type</i> E Missing ammendme	Comment Status X	5		This a To: IB	EEE Std 802.3c	udes [complete] p™-20xx	Ctd 000 2 204	P and adda Clausa
<i>uggestedRemedy</i> Add: IEEE Std 802.	3cm™-2020			157, C	Clause 158, Cla	udes includes changes to IEEE use 159, and Clause 160. This) Gb/s Optical Access PHYs.		
Clause 150. This am parameters for 400 (amendment includes changes endment adds Physical Layer (I Sb/s operation on four pairs (400 multimode fiber, over reaches of	PHY) specificati)GBASE-SR4.2	ons and management and eight pairs		Response	Response Status O		
roposed Response	Response Status O			C/ FM	SC FM	P10	L 49	# 52
	, -			Lewis, Joi		Dell EMC		
				<i>Comment</i> Temp	51	Comment Status X e draft for additional ammendme	ents.	
				Suggester				

SuggestedRemedy

Update from line 49 to include prior amendments to the base standard.

Proposed Response Response Status **O**

C/FM SC FM	P10	L 50	# 150	C/FM SC FM	P13	L 28	# 287
Marris, Arthur	Cadence Des	ign Systems		Dawe, Piers	Nvidia		
Comment Type ER Missing description fo	Comment Status X or "IEEE Std 802.3cp™-20xx"			Comment Type E Formatting problem v	Comment Status X with the contents list for the net	w clauses. Miss	LAT ing tab in the template?
S <i>uggestedRemedy</i> Replace "[complete]"	' with suitable text			SuggestedRemedy Fix			
Proposed Response	Response Status O			Proposed Response	Response Status O		
C/FM SCFM	P10	L51	# 7	C/FM SC FM	P13	L 49	# 92
Anslow, Pete	Self			Grow, Robert	RMG Consul	ting	
Comment Type ER	Comment Status X			Comment Type E	Comment Status X		
The amendment sum	nmary is not populated				13 is added to the end of the cl		0
SuggestedRemedy				and clause 160. Eac the title.	h ends with "-BR40+", and eac	ch has a differen	t number tacked onto
Add appropriate sum	many toxt						
Add appropriate sum				SuggestedRemedy			
	imary text Response Status O			<i>SuggestedRemedy</i> If this is a FrameMak title may help eliinate	er "feature" perhaps appendin the TOC problem. It is a mys n with a title ending in "+".		
Proposed Response		<i>L</i> 1	# 110	<i>SuggestedRemedy</i> If this is a FrameMak title may help eliinate	the TOC problem. It is a mys		
Proposed Response	Response Status O	-	# 110	<i>SuggestedRemedy</i> If this is a FrameMak title may help eliinate FrameMaker problem	the TOC problem. It is a mys with a title ending in "+".		
Proposed Response	P12 Comment Status X	-	# 110	<i>SuggestedRemedy</i> If this is a FrameMak title may help eliinate FrameMaker problem	the TOC problem. It is a mys with a title ending in "+".		
Proposed Response C/ FM SC FM Wienckowski, Natalie Comment Type E There should not be b	Response Status 0 P12 General Motor	-	# <u>110</u>	SuggestedRemedy If this is a FrameMak title may help eliinate FrameMaker problem Proposed Response	the TOC problem. It is a mys n with a title ending in "+". <i>Response Status</i> O	tery to me thoug	h what to do if this is a
C/ FM SC FM Wienckowski, Natalie Comment Type E There should not be I SuggestedRemedy	Response Status O P12 General Motor Comment Status X blank pages in the document.	rs		SuggestedRemedy If this is a FrameMak title may help eliinate FrameMaker problem Proposed Response	e the TOC problem. It is a mys n with a title ending in "+". <i>Response Status</i> O <i>P</i>	tery to me thoug	h what to do if this is a
Proposed Response C/ FM SC FM Wienckowski, Natalie Comment Type E There should not be I SuggestedRemedy Delete blank page (In version 4p2 Also delete blank page	Response Status O P12 General Motor Comment Status X blank pages in the document. Instruction on how to do this are ge 16, 20, 38, 64, and 82.	rs		SuggestedRemedy If this is a FrameMak title may help eliinate FrameMaker problem Proposed Response CI 00 SC DeAndrea, John Comment Type E Table 159-4 The Tal 25GBASE-BR-10.15	e the TOC problem. It is a mys n with a title ending in "+". <i>Response Status</i> O <i>P</i> Finisar/ /II-VI <i>Comment Status</i> X oble shows a value of -20 dBm fo pelieve there is a typo, because	tery to me thoug	h what to do if this is a # 2
Proposed Response C/ FM SC FM Wienckowski, Natalie Comment Type E There should not be I SuggestedRemedy Delete blank page (In version 4p2 Also delete blank page	Response Status O P12 General Motor Comment Status X blank pages in the document.	rs		SuggestedRemedy If this is a FrameMak title may help eliinate FrameMaker problem Proposed Response C/ 00 SC DeAndrea, John Comment Type E Table 159-4 The Tal 25GBASE-BR-10. I to BR20, -BR40, and -E	e the TOC problem. It is a mys n with a title ending in "+". <i>Response Status</i> O <i>P</i> Finisar/ /II-VI <i>Comment Status</i> X oble shows a value of -20 dBm fo pelieve there is a typo, because	tery to me thoug	h what to do if this is a # 2
CI FM SC FM Wienckowski, Natalie Comment Type E There should not be I SuggestedRemedy Delete blank page (In version 4p2	Response Status O P12 General Motor Comment Status X blank pages in the document. Instruction on how to do this are ge 16, 20, 38, 64, and 82.	rs		SuggestedRemedy If this is a FrameMak title may help eliinate FrameMaker problem Proposed Response C/ 00 SC DeAndrea, John Comment Type E Table 159-4 The Tal 25GBASE-BR-10.11 BR20, -BR40, and -E SuggestedRemedy	e the TOC problem. It is a mys n with a title ending in "+". <i>Response Status</i> O <i>P</i> Finisar/ /II-VI <i>Comment Status</i> X oble shows a value of -20 dBm fo pelieve there is a typo, because	for 25GBASE-BF e the PMD has (4	# 2 # 2 R10 and -26 dBm for 4) types, -BR10, -

CI **00** SC

C/ 00 SC 0	P 0	LO	# 165	C/ 00 SC 0		P 7	L15	# 231
Dawe, Piers	Nvidia		<u> </u>	Thompson, Geoff		GraCaSI S.A	A./Independent	
Comment Type E Editorial comments	Comment Status X			51	ER Comment S is no longer an editor of		t.	
SuggestedRemedy To follow				SuggestedRemedy Remove his na	me or revise the text.			
Proposed Response	Response Status O			Proposed Response	e Response S	tatus O		
C/ 00 SC 0	P 0	LO	# 164	C/ 00 SC 0		P 9	L15	# 232
Dawe, Piers	Nvidia			Thompson, Geoff		GraCaSI S.A	A./Independent	
Comment Type T Tecehnical comments	Comment Status X			Comment Type The word "Ethe	E Comment S rnet" in this line is inco			
SuggestedRemedy To follow				SuggestedRemedy See maintenan	ce request 1350			
Proposed Response	Response Status O			Proposed Response	e Response S	tatus O		
C/ 00 SC 0	P1	L15	# 159	C/ 00 SC 0		P10	L 49	# 158
Maguire, Valerie	The Siemon	Company		Maguire, Valerie		The Siemon	Company	
Comment Type E "50" and "Gb/s" shoul	Comment Status X d be on the same line			<i>Comment Type</i> Missing the des	E Comment S criptive content for am		through 11	
SuggestedRemedy				SuggestedRemedy				
Insert non-breaking s	pace between "50" and "Gb/s'	in the title of the	amendment		t on lines 49 through 5			
Proposed Response	Response Status O			Proposed Response	of IEEE 802.3cv (lines		ige 10 and lines 1 -	50 on page 11)
				Fioposed Response	e Response S			
C/00 SC 0	P7	L9	# 230					
Thompson, Geoff	GraCaSI S.A	./Independent						
Comment Type ER	Comment Status X ger 802.3 WG Secretary							
Pete Anslow is no lon								
Pete Anslow is no lon SuggestedRemedy Replace "Pete Anslov	v" with "Jon Lewis"							

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

C/ 00 SC 0

Lewis, Jon Dell EMC Comment Type E Comment Status X bank page SuggestedRemedy Remove the bank page, Also page 16, 20, 38 is blank. Please remove all blank pages in the document. The latest template has instructions for removing blank pages throughout the draft fine cossays. Proposed Response Response Status 0 C1 SC 1.3 P18 L1 # 16 Hajduczenia, Marek Chatter Comment Type ER Comment Status X No normative references, no need for 1.3 SuggestedRemedy Sink 1.3 Proposed Response Response Status 0 C(1 SC 1.3 P18 L1 # 11 Vianckwski, Natalia General Motors Comment Type E Comment Status X SuggestedRemedy Sink 1.3 Proposed Response Response Status 0 C(1 SC 1.3 P18 L1 # 11 Vianckwski, Natalia General Motors Comment Type E Comment Status X SuggestedRemedy Sink 1.3 Proposed Response Response Status 0 C(1 SC 1.3 P18 L1 # 11 Vianckwski, Natalia General Motors Comment Type E Comment Status X SuggestedRemedy Sink 1.3 Proposed Response Response Status 0 C(1 SC 1.4 P18 L12 # 288 Comment Type T Comment Status X Vianckwski, Natalia General Motors Comment Type E Comment Status X Uian key Content Status X SuggestedRemedy Sink 1.3 Proposed Response Response Status 0 C(1 SC 1.4 P18 L12 # 288 Comment Type T Comment Status X Uian key Content Status X SuggestedRemedy SuggestedRemedy SuggestedRemedy SuggestedRemedy SuggestedRemedy SuggestedRemedy SuggestedRemedy Uia Status Comment Status X Uian key Content Status X SuggestedRemedy Suggeste	C/00 SC 0	P 12	L 1	# 53	C/ 1 SC 1.4	P 18	L 8	# 228
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I SC 1.3 P18 L1 # 111 It inckowski, Natalie General Motors General Motors omment Type E Comment Status X Change to "There are different specifications": I know this is copied from before but it disagrees with the definition of "link" and anyway a link is a thing not a document; it does not contain specifications uggestedRemedy Change to "There are different specifications for 10GBASE-BR10-D and 10GBASE-BR10 Delete empty section. roposed Response Response Status CI SC 1.4 P18 L13 # 18 CI SC 1.4 P18 L13 # 18 Comment Type ER Comment Status X Units need to be separated from numeric value/ SuggestedRemedy SuggestedRemedy Units need to be separated from numeric value/	Strike 1.3				Dawe, Piers	Nvidia		
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 TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
 C/ 1

 COMMENT STATUS: D/dispatched A/accepted R/rejected
 RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
 SC 1.4

 SORT ORDER: Clause, Subclause, page, line
 SC 1.4
 SC 1.4

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C/ 1	SC 1.4	P18	L14	# 17	C/ 1	SC 1.4.52a	P18	L12	# 69	
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D'Ambro	sia, John	Futurewei, U.	S. Subsidiary of	Huawei	C/ 1	SC 1.4.52a	P18	L12	# 289	
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		hich are noted as differing by - two different solutions that car			10km					
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C/ 1 SC 1.4.52d

C/ 1	SC 1.4.52d	P18	L 24	# 219	C/ 1	30 1	.4.128		P 18	L 45	# 93
aw, David		Hewlett Packa	ard Enterprise		Grow, Rol	bert		F	RMG Consul	ting	
Comment T	Type TR	Comment Status X			Comment	Туре	Е	Comment St	atus X		
		is part of the PHY name, due	to its position it is	resulting in the string	Insert	t point is v	wrong.				
	PHY names.				Suggested	dRemedy	/				
SuggestedF	•	rence between the 40 and 40+	+ PHVs and base	d on the difference						serted by IEEE S	td 802.3ca-20xx.
choose	an additional le	etter to add after the '40' sepa	rated with a dash	. This would be of the	Proposed			red 1.4.128aad <i>Response Sta</i>	•	Tzoaay.	
	10GBASE-BR4	0-X, with a 10GBASE-BR40->	K-D and 10GBASI	E-BR40-X-U where 'X'	Fioposeu	Respons	be	Response Sta			
Proposed R		Response Status O			C/ 1	SC 1	.4.128d		P19	L 5	# 234
					Thompson			(./Independent	
2/1	SC 1.4.52d	P18	L 25	# 70	Comment	,	Е	Comment St		a, independent	
Nicholl, Sha		Xilinx				•••				lash (and dash ha	as been bad enough
Comment T		Comment Status X			will be	e problem	natical ove	er the long haul	in the popul	lar press editorial	sense.
	51				– .	dDomodu	/				
Concer	ns about readal	bility of "+-" in 10GBASE-BR4	0+-D and 10GBA	SE-B40+-U PMD	Suggested	urrenieuy					
Concer names.		bility of "+-" in 10GBASE-BR4	0+-D and 10GBA	SE-B40+-U PMD		•		E-BR40+" to "50)GBASE-BR	40plus" here and	throughout the draft
names. SuggestedF	Remedy					ge from "	50GBASI	E-BR40+" to "50 Response Sta		40plus" here and	throughout the draft
names. SuggestedF Propose	R <i>emedy</i> se to replace "10	GBASE-BR40+" with someth	ing else. Perhap	s "10GBASE-BR40X",	Chang	ge from "	50GBASI			40plus" here and	throughout the draft
names. SuggestedF Propose where >	Re <i>medy</i> e to replace "10 X is a letter A-Z)GBASE-BR40+" with someth (perhaps "L" for "Legacy" or "	ing else. Perhap: 'Long''). Perhaps	s "10GBASE-BR40X", "10GBASE-BR40-X",	Chang	ge from ": Respons	50GBASI	Response Sta		240plus" here and	
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C/ 30 SC 30.5.1.1.2

C/ 30 SC 30.5.1.1	.2 P21	L16	# 20	C/ 45 SC 45.2.1	P23	L8	# 40
lajduczenia, Marek	Charter		# 20	Zimmerman, George		Lo CommScope, Ma	
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Fix the location of "	n			modified this table. Since mo generally left out.	st amendments modify	y this table, the 'ı	nodified by' list is
Proposed Response	Response Status O			SuggestedRemedy Delete "(as modified by 80	2 2vv)" from aditing inc	struction	
					sponse Status O	Struction	
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Dudek, Mike Comment Type T	Marvell Comment Status X			C/ 45 SC 45.2.1	P23	L8	# 112
All the other -D Phys	are OLT			Wienckowski, Natalie	General Moto	ors	
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Change ONU to OLT Proposed Response Cl 30 SC 30.5.1.1 Hajduczenia, Marek Comment Type E	Response Status 0 1.2 P22 Charter	L14	# <u>21</u>	Incorrect editor instructions. rows in cp. SuggestedRemedy Make editor instruction: Cha Proposed Response Res	Cb and cd didn't make nge Table 45–3 as sh sponse Status O	own (unchanged	rows not shown):
Change ONU to OLT Proposed Response	Response Status O 1.2 P 22 Charter Comment Status X	L14	# <u>21</u>	Incorrect editor instructions. rows in cp. SuggestedRemedy Make editor instruction: Cha Proposed Response Res Cl 45 SC 45.2.1 Marris, Arthur Comment Type E Co	Cb and cd didn't make nge Table 45–3 as sh sponse Status O P23	own (unchanged	rows not shown):
Change ONU to OLT Proposed Response Cl 30 SC 30.5.1.1 Hajduczenia, Marek Comment Type E " SuggestedRemedy Fix line spacing in 30.	Response Status O 1.2 P22 Charter Comment Status X .5.1.1.2	L14	# 2 <u>1</u>	Incorrect editor instructions. rows in cp. SuggestedRemedy Make editor instruction: Cha Proposed Response Res Cl 45 SC 45.2.1 Marris, Arthur	Cb and cd didn't make nge Table 45–3 as sh sponse Status O P 23 Cadence Des	own (unchanged	rows not shown):
Proposed Response C/ 30 SC 30.5.1.1 Hajduczenia, Marek Comment Type E " SuggestedRemedy	Response Status O 1.2 P 22 Charter Comment Status X	L 14	# <u>21</u>	Incorrect editor instructions. rows in cp. SuggestedRemedy Make editor instruction: Cha Proposed Response Res Cl 45 SC 45.2.1 Marris, Arthur Comment Type E Co	Cb and cd didn't make nge Table 45–3 as sh sponse Status O P 23 Cadence Des omment Status X	own (unchanged <i>L</i> 8 sign Systems	rows not shown):

C/ **45** SC **45.2.1**

C/ 45 SC 45.2.1	P23	L15	# 113	Cl 45	SC 45.2.1.7	P 25	L18	# 42
Wienckowski, Natalie	General Motors	S	<u>-</u>	Zimmerma	an, George	ADI, Cisco,	, CommScope, Ma	arvell, SenTekSe
Comment Type E	Comment Status X			Comment 7	Туре Е	Comment Status X		
missing rows above a aren't changed.	and below changed rows to show	v there are rows	s above and below that	45-9.	Similarly for 130	l.2.2, and 137.8.9 should b .6.9, 71.6.11, 89.5.9, and 1 137.8.10 in Table 45-12		
SuggestedRemedy				,		137.0.10 III Table 43-12		
	below the contented rows. "strad M template for example.	ldle" each row t	hen add an "…" -See	Suggested Chang	,	in the draft to externals		
Proposed Response	Response Status O			Proposed F	Response	Response Status O		
C/ 45 SC 45.2.1.6	6 P24	L12	# 115	C/ 45	SC 45.2.1.7.	I P25	L 20	# 240
Wienckowski, Natalie	General Motors	S		Dawe, Pier	rs	Nvidia		
Comment Type E	Comment Status X			Comment T	Туре Е	Comment Status X		LATE
missing rows above a	and below changed rows to show	v there are rows	above and below that	This ve	any long table ca	n be laid out better		
5				1115 VC	ary long table ca			
aren't changed.				Suggested	, ,			
aren't changed. SuggestedRemedy Add row above and b	pelow the contented rows. "strad M template for example.			<i>Suggested</i> Make t 12. Th	<i>Remedy</i> he left column w	vider, at least wide enough	to fit the contents.	, as done for Table 45-
aren't changed. S <i>uggestedRemedy</i> Add row above and b	below the contented rows. "strad			<i>Suggested</i> Make t 12. Th	<i>Remedy</i> the left column w ne right column c able 45-10.	<i>i</i> ider, at least wide enough	to fit the contents.	, as done for Table 45-
aren't changed. SuggestedRemedy Add row above and b 45.2.1 in the 802.3 Ft Proposed Response	below the contented rows. "strad M template for example. <i>Response Status</i> O			<i>Suggested</i> Make t 12. Th Also Ta	Remedy the left column w ne right column c able 45-10.	vider, at least wide enough could be narrower. <i>Response Status</i> O	to fit the contents	, as done for Table 45- # 8
aren't changed. SuggestedRemedy Add row above and b 45.2.1 in the 802.3 Ft Proposed Response	below the contented rows. "strad M template for example. <i>Response Status</i> O	Idle" each row t	hen add an "" - See	Suggested Make t 12. Th Also Ta Proposed F	Remedy the left column w a right column c able 45-10. Response SC 45.2.1.7.2	vider, at least wide enough could be narrower. <i>Response Status</i> O		
aren't changed. SuggestedRemedy Add row above and b 45.2.1 in the 802.3 FP Proposed Response C/ 45 SC 45.2.1.7 Zimmerman, George	below the contented rows. "strad M template for example. <i>Response Status</i> O	Idle" each row t	hen add an "" - See # <u>41</u>	Suggested Make t 12. Th Also Ta Proposed F Cl 45	Remedy the left column was right column of able 45-10. Response SC 45.2.1.7.4	vider, at least wide enough could be narrower. <i>Response Status</i> O 1 P25		
aren't changed. SuggestedRemedy Add row above and b 45.2.1 in the 802.3 FP Proposed Response C/ 45 SC 45.2.1.7 Zimmerman, George Comment Type E Tables 45-9 and 45-1 out. However, if they	pelow the contented rows. "strad M template for example. <i>Response Status</i> O 7 P25 ADI, Cisco, Co <i>Comment Status</i> X 10 are commonly modified, modi are to be included, at least 802.3	Idle" each row t <i>L</i> 7 ommScope, Mar fying amendme	hen add an "" - See # <u>41</u> rvell, SenTekSe ents are generally left	Suggested Make t 12. Th Also Ta Proposed F CI 45 Anslow, Pe Comment T	Remedy the left column was right column of able 45-10. Response SC 45.2.1.7.* ete Type E 45-9 and Table 4	vider, at least wide enough could be narrower. <i>Response Status</i> O I <i>P</i> 25 Self	L 20	# 8
aren't changed. SuggestedRemedy Add row above and b 45.2.1 in the 802.3 FP Proposed Response Cl 45 SC 45.2.1.7 Zimmerman, George Comment Type E Tables 45-9 and 45-1 out. However, if they tables should be inclu	pelow the contented rows. "strad M template for example. <i>Response Status</i> O 7 P25 ADI, Cisco, Co <i>Comment Status</i> X 10 are commonly modified, modi are to be included, at least 802.3	Idle" each row t <i>L</i> 7 ommScope, Mar fying amendme	hen add an "" - See # <u>41</u> rvell, SenTekSe ents are generally left	Suggested, Make t 12. Th Also Ta Proposed F C/ 45 Anslow, Pe Comment T Table 4	Remedy the left column whe right column cable 45-10. Response SC 45.2.1.7.7 ete Type E 45-9 and Table 4 does).	ider, at least wide enough could be narrower. <i>Response Status</i> O I <i>P</i> 25 Self <i>Comment Status</i> X	L 20	# 8
aren't changed. SuggestedRemedy Add row above and b 45.2.1 in the 802.3 FP Proposed Response Cl 45 SC 45.2.1.7 Zimmerman, George Comment Type E Tables 45-9 and 45-1 out. However, if they tables should be inclu SuggestedRemedy	pelow the contented rows. "strad M template for example. <i>Response Status</i> O 7 P25 ADI, Cisco, Co <i>Comment Status</i> X 10 are commonly modified, modi are to be included, at least 802.3	Idle" each row t L 7 ommScope, Mar fying amendme 3cg and 802.3c	hen add an "" - See # 41 rvell, SenTekSe ents are generally left h which modified these	Suggested Make t 12. Th Also Ta Proposed F Cl 45 Anslow, Pe Comment T Table 4 45-12 of Suggested	Remedy the left column whe right column cable 45-10. Response SC 45.2.1.7.1 ete Type E 45-9 and Table 4 does). Remedy	ider, at least wide enough could be narrower. <i>Response Status</i> O I <i>P</i> 25 Self <i>Comment Status</i> X	L 20 in any of the existi	# 8

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

C/ 45 SC 45.2.1.7.1 Page 13 of 48 6/28/2020 10:36:09 PM

C/ 45	SC 45.2.1.16	P 24	L 4	# 153	C/ 45	SC 45.2.1.	27b P31	L 7	# 22
Marris, Arth	nur	Cadence Des	ign Systems	<u>-</u>	Hajducze	nia, Marek	Charter		
Comment T I thougl	51	Comment Status X mending 802.3cp			<i>Comment</i> Title s	51	Comment Status X all entries show "50GBASE		
	reference to 802	.3ct and review the changes xxxx and 1111001 does not s		bit description in Table	Suggester Fix th	,	ay "50G PMA/PMD"		
Proposed R	e e	Response Status O	seem ngnt.		Proposed	Response	Response Status O		
 C/ 45	SC 45.2.1.27a	P 28	L33	# 167	C/ 56	SC 56.1	P33	L 5	# 116
Dudek. Mik		Marvell	233	# 107	Wienckov	vski, Natalie	General Mo	tors	
Comment T	Гуре Т	Comment Status X			Comment The e write	ditorial instruct	Comment Status X ion includes (as changed by F	2802.3ca) which is	not the correct way t
S <i>uggestedF</i> Make it	,					ge: (as change	ed by P802.3ca) IEEE Std 802.3ca-2020)		
Proposed R	Response	Response Status O			`	Response	Response Status O		
CI 45	SC 45.2.1.27a		L 25	# 168	C/ 56	SC 56.1	P33	L5	# 154
	Type TR	Marvell Comment Status X uld not be described in a sec	tion titles 25GB/	ASE-BR40-D and it	Marris, Ar Comment	thur <i>Type</i> E		esign Systems	
	,	lifferent section with its own	bit and title and	renumber the rest of		ge P802.3ca to	DIEEE Std 802.3ca-2020		
Proposed R	Response	Response Status O			Proposed	Response	Response Status O		

CI 56 SC 56.1

C/ 56 SC 56.1	P33	L14	# 117	C/ 56 SC 56.1.1.	1 P34	L18	# 24
Wienckowski, Natalie	General Moto	rs		Hajduczenia, Marek	Charter		
Comment Type E	Comment Status X			Comment Type ER	Comment Status X		
This should show the	he changes made by ca.			External references	(not live) are to be marked in F	orest Green - "as	s defined in >>66.1<<"
SuggestedRemedy				SuggestedRemedy			
	re 56–5 for EPoC topologies			Multiple locations in	the draft - please scrub accord	ingly.	
	r EPoC topologies, and x25G-EPON topologies.			Proposed Response	Response Status O		
Proposed Response	Response Status O						
, ,				C/ 56 SC 56.1.1.	1 P34	L18	# 43
C/ 56 SC 56.1	P33	L38	# 241	Zimmerman, George	ADI, Cisco, (CommScope, Ma	rvell, SenTekSe
Dawe, Piers	Nvidia			Comment Type E	Comment Status X		
Comment Type T	Comment Status X		LATE	66.1 and 66.2 (line 2	0) should be external cross ref	erences	
Wrong PCS: wrong	font. As the lower sublayers are	e rate-specific to	o. I don't know that we	SuggestedRemedy			
need to give that de		·	,	Change references r	not in the draft to externals		
SuggestedRemedy				Proposed Response	Response Status O		
	GBASE-R PCS 25GBASE-R PC	CS 50GBASE-R	PCS, in the usual font,				
and make the stack	RS of boxes wider, PCS PCS, in the usual font.			C/ 56 SC 56.1.1.	1 P34	L21	# 242
Also Fig 157-1.						L21	# 242
Proposed Response	Response Status O			Dawe, Piers	Nvidia		
	·			Comment Type E Too much "support"	Comment Status X		LATE
C/ 56 SC 56.1.1	1 P34	L1	# 23	SuggestedRemedy			
Hajduczenia, Marek	Charter			Change			
Comment Type E	Comment Status X			sublayers are used t	o support a bit rate		
What does text in {	} mean?			sublayers are used f	or a bit rate		
SuggestedRemedy				four times			
Use known designa	ation for text and editorial instruct	ions		Proposed Response	Response Status O		
Proposed Response	Response Status O						

C/ 56 SC 56.1.1.1

C/ 56 SC 56.1.1.1	P34	L 24	# 243	C/ 56 SC 56.1.2.	2 P34	L 44	# 118
Dawe, Piers	Nvidia			Wienckowski, Natalie	General Mot	ors	
Comment Type E Should mention the FE	Comment Status X C sublayers too where they a	re required for a	<i>LATE</i> Il variants.	Comment Type E ca was approved in 2	Comment Status X		
50GBASE-R PCS, RS-	FEC, and PMA sublayers FEC, and PMA sublayers			SuggestedRemedy Change: 802.3ca-Y` To 802.3ca-2020 Also P36L1	ΥY		
Proposed Response	Response Status O			Proposed Response	Response Status O		
C/ 56 SC 56.1.2.1	P34	L 40	# 61				" 22
Kramer, Glen	Broadcom			C/ 56 SC 56.1.3	P35	L 9	# 26
Comment Type E	Comment Status X			Hajduczenia, Marek	Charter		
Subclause number repe	eated twice			Comment Type E	Comment Status X		
SuggestedRemedy				None of the lists add	ed in 56.1.3 need to be lettered	d, we do not refe	erence them.
delete an extra "56.1.2.	.1"			SuggestedRemedy			
Proposed Response	Response Status O			Convert lettered lists Other locations inclu			
				Proposed Response	Response Status O		
C/ 56 SC 56.1.2.1	P34	L 40	# 25				
Hajduczenia, Marek	Charter						
Comment Type E Seems like subclause r	Comment Status X number is doubled?						
SuggestedRemedy remove one instance of	f 56.1.2.1						
Proposed Response	Response Status O						

C/ 56 SC 56.1.3

C/ 56 SC 56.1.3	P37	L	# 246	C/ 56	SC 56.1	.3 P37	L18	# 244
Dawe, Piers	Nvidia			Dawe, P	ers	Nvidia		
Comment Type T	Comment Status X		LATE	Commen	t Type E	Comment Status X		LATE
RS-FEC is missing.	Maybe EEE is missing.			Subl	ayer names			
SuggestedRemedy				Suggeste	dRemedy			
OAM EEE 100BASE-LX10 PME)			10GI	BASE-BRX PI BASE-BRX PI	MA to 10GBASE-R PMA CS to 10GBASE-R PCS MA to 25GBASE-R PMA		
10GBASE-R PCS 25GBASE-R RS-FE(10GBASE-R PMA				50GI	BASE-BRx P	CS to 25GBASE-R PCS MA to 50GBASE-R PMA CS to 50GBASE-R PCS		
10GBASE-BRx PMD 25GBASE-R PCS 10GBASE-R RS-FE0 25GBASE-R PMA				Proposed	l Response	Response Status O		
25GBASE-BRx PMD)			C/ 56	SC 56.1	.3 P37	L 21	# 203
50GBASE-R PCS	2 404			Law, Dav	vid	Hewlett Pa	ackard Enterprise	
50GBASE-R RS-FE0 50GBASE-R PMA				Commen	t Type T	Comment Status X		
Proposed Response	Response Status O	L	# 245	there This even	fore the text matches the though the F	e 49 is 'Physical Coding Subla' in the Clause 49 heading in Ta existing Clause 66 column wic PCS is used to from the 1000B/ needs to be made to the Clause	ble 56-2 should rea h is labelled '1000E ASE-LX10 and 100	ad '10GBASE-R PCS'. BASE-X PCS, PMA' 0BASE-BX10 PHYs. A
Dawe, Piers	Nvidia			Suggeste	dRemedy			
Comment Type E	Comment Status X		LATE		-	E-BRx PCS to read '10GBASE	-R PCS' for the Cla	ause 49 column
Order: should go dov several others	vn the layers. Compare Table	44-1, Table 10	5-2, Table 131-3 and			SE-BRx PCS' to read '25GBAS PCS' to read '50GBASE-R PCS		
SuggestedRemedy				Proposed	l Response	Response Status O		
10GBASE-R PCS 10GBASE-R PMA 10GBASE-BRx PMD 25GBASE-R PCS 25GBASE-R PMA 25GBASE-BRx PMD 50GBASE-R PCS 50GBASE-R PMA 50GBASE-BRx PMD								
Proposed Response	Response Status O							

C/ 56 SC 56.1.3

CI 56	SC 56.1.3	P37	L 21	# 204	C/ 108	SC 108	Р	L	# 248
Law, Davi	id	Hewlett Pack	ard Enterprise		Dawe, Pie	rs	Nvidia		
Comment	Туре Т	Comment Status X			Comment	Туре Т	Comment Status X		LATE
theref This n even f	ore the text in the natches the exist though the PCS i	is 'Physical Medium Attachm Clause 51 heading in Table ing Clause 66 column wich is s used to from the 1000BASI to be made to the Clause 10	56-2 should read labelled '1000BA E-LX10 and 1000	'10GBASE-R PMA'. ASE-X PCS, PMA' BASE-BX10 PHYs. A		will need sor	Solomon Forward Error Correction ne modifications for its new use a		blayer for 25GBASE-R
Suggested	dRemedy			Ū	Proposed I	Response	Response Status O		
headii	ng, '25GBASE-BI	X PMA' to read '10GBASE-R Rx PMA' to read '25GBASE-F to read '50GBASE-R PMA' fo	R PMA' for the Cla	ause 109 heading, and	C/ 157	SC	P39	L1	# 4
Proposed	Response	Response Status O			Baggett, T <i>Comment</i>	Туре Е	Microchip Comment Status X		
C/ 56	SC 56.1.4	P37	L 50	# 27			ed extensively throughout the doo ound anywhere else in the existin		here isn't a clear
Hajduczei Comment	nia, Marek <i>Type</i> E	Charter Comment Status X			<i>Suggested</i> Consic		inition should be added to clause	1.4	
56.1.4	1 is empty				Proposed I	Response	Response Status O		
S <i>uggested</i> Remo	dRemedy ove it please						,		
Proposed	Response	Response Status O			C/ 157 Hajduczen	SC 157 iia, Marek	P 38 Charter	L 1	# 28
CI 78	SC 78.1.4	Р	L	# 247	<i>Comment</i> Title m		Comment Status X when listing speeds		
Dawe, Pie	ers	Nvidia			Suggested	Remedv			
Comment Need	<i>Type</i> T to modify the EE	Comment Status X		LATE	Chang	e to "Introduc	ction to 10 Gbps, 25 Gbps, and 5	0 Gbps BiDi Pł	HYs"
Suggested Modify	dRemedy y Table 78-1 to sl	how which PHYs may optiona p mode of EEE is not suppor	2 11	For each, footnote b	Proposed I	<i>≺esponse</i>	Response Status O		

Proposed Response

Response Status O

C/ 157 SC 157

C/ 157 SC 157	P 39	L1	# 9	C/ 157 SC 157.1.1	I P 39	L10	# 144
Anslow, Pete	Self			Lusted, Kent	Intel Corpora	ation	
	Comment Status X r than Gbps. See: g/3/WG_tools/editorial/require /s and Gb/s should be used"	ements/words.hti	ml#bps		Comment Status X ed repeatedly throughout the d ver, it is not defined as an abbr		
SuggestedRemedy					previation for "Bidirectional" in	Clause 1.5	
Change the title of Cla	use 157 to "Introduction to 10	0 Gb/s, 25 Gb/s,	50 Gb/s BiDi PHYs	Proposed Response	Response Status O		
Proposed Response	Response Status O						
	P39	L1	# 249	C/ 157 SC 157.1.1	P 39	L11	# 250
Dawe, Piers	r 39 Nvidia	21	# 249	Dawe, Piers	Nvidia		
Comment Type E 802.3 doesn't use Gbp	Comment Status X			Comment Type E E Net-work	Comment Status X		LATE
SuggestedRemedy				SuggestedRemedy Network			
Change to Gb/s (3 time	es)			Proposed Response	Response Status O		
Proposed Response	Response Status O						
	D 20	1.44	# 00	C/ 157 SC 157.1.1	P 39	L11	# 196
C/ 157 SC 157.1.1	P 38 Charter	L11	# 29	Law, David	Hewlett Pack	ard Enterprise	
Hajduczenia, Marek Comment Type ER Extra "-" in Net-work	Comment Status X			Comment Type E Net-work' shoul	Comment Status X		
SuggestedRemedy				SuggestedRemedy			
	are multiple instances where	likely import fron	n Word resulted in	See comment. Proposed Response	Response Status O		
Proposed Response	Response Status O						
				C/ 157 SC 157.1.1	P 39	L11	# 71
				Nicholl, Shawn	Xilinx		
				Comment Type ER Typo "Net-work"	Comment Status X		
				SuggestedRemedy Replace "Net-work" v	with "Network"		
				Proposed Response	Response Status O		

COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SC 157.1.1 6/28/2020 10:36:10 PM SORT ORDER: Clause, Subclause, page, line

CI 157 SC 157.1.1	P 39	L 23	# 197	C/ 157 SC 157.1.	2 <i>P</i> 39	L 26	# 223
Law, David	Hewlett Packa	ard Enterprise		Trowbridge, Steve	Nokia		
Comment Type T	Comment Status X			Comment Type E	Comment Status X		
	isted twice, yet the PMD subla	yer is missing. Ir	n addition the list ends	Reference to Table	157-1 should be reference to Fi	gure 157-1.	
U	ver (PCS) sublayers and'.			SuggestedRemedy			
SuggestedRemedy				See comment			
(PMA), forward error (be changed to read '	hysical Medium Attachment (P correction (FEC), and Physical . Physical Coding Sublayer (P chment (PMA), physical mediu	Coding Sublayer CS), forward erro	r (PCS) sublayers' or correction (FEC),	Proposed Response	Response Status O		
Proposed Response	Response Status O			C/ 157 SC 157.1.	2 P 39	L 27	# 251
				Dawe, Piers	Nvidia		
				Comment Type E	Comment Status X		LATE
C/ 157 SC 157.1.1	P 39	L 26	# 198		.3 (for 10 Gb/s), 105.1.2 (for 25	Gb/s), and 131.	1.2 (for 50 Gb/s)
Law, David	Hewlett Packa	ard Enterprise		apply - not grammat	ical.		
Comment Type E	Comment Status X			SuggestedRemedy			
model are shown ir	Table 157–1.' should read '	model are show	n in Figure 157–1.'.	Delete "are" or "appl	ly"?		
SuggestedRemedy See comment.				Proposed Response	Response Status O		
Proposed Response	Response Status O			C/ 157 SC 157.1.2	2 <i>P</i> 39	L 28	# 169
				Dudek, Mike	Marvell		
C/ 157 SC 157.1.2	P38	L 31	# 30	Comment Type E	Comment Status X		
Hajduczenia, Marek	Charter			Sentence isn't corre	ct (has two verbs)		
Comment Type E	Comment Status X			SuggestedRemedy			
Seems like "see Clau	se XXX" should be in (), or at le	east preceded wi	th a comma	Delete "apply" on th	e end of the sentence.		
SuggestedRemedy				Proposed Response	Response Status O		
Add comma before "s	ee" in lines 31, 33, and 35				•		

C/ 157 SC 157.1.2	P 41	L34	# 222	C/ 157 SC 157.1.	3 P 39	L39	# 253
Trowbridge, Steve	Nokia	201		Dawe. Piers	Nvidia	200	" 200
Comment Type E	Comment Status X the top of the XGMII should b	be against the line	e for the bottom of the	Comment Type E	Comment Status X ne Multi-Gigabit Ethernet Bidi P	HY device use the	LATE e following
	onciliation Sublayer, as are the			nomenclature.	Ũ		0
SuggestedRemedy				SuggestedRemedy			
See comment				For Multi-Gigabit Et	hernet Bidi PHYs, the following	nomenclature is	used.
Proposed Response	Response Status O			Proposed Response	Response Status O		
C/ 157 SC 157.1.3	P38	L 40	# 31	C/ 157 SC 157.1.	3 P 39	L 39	# 5
Hajduczenia, Marek	Charter			Baggett, Tim	Microchip		
Comment Type ER	Comment Status X			Comment Type E	Comment Status X		
use the formatting for that way	naming nomenclature defined	d in 802.3ca - it is	way more readable	There are six occura P39 L39 P44 L11	ances of "Bidi" when I suspect t	the intention is "B	iDi".
SuggestedRemedy				P44 L11 P44 L17			
See 141.2.6 PMD nam	ning for reference			P44 L27			
Proposed Response	Response Status O			P44 L38 P44 L45			
				SuggestedRemedy			
CI 157 SC 157.1.3	P 39	L37	# 252	Search for "Bidi" an	d replace with "BiDi"		
Dawe, Piers	Nvidia			Proposed Response	Response Status 0		
Comment Type E Space before "Nomen	Comment Status X		LATE				
SuggestedRemedy				C/ 157 SC 157.1.	3 P 39	L 41	# 155
Remove				Marris, Arthur		sign Systems	
Proposed Response	Response Status O			Comment Type E "rr" is hard to decipt	Comment Status X ner in the nomenclature		
				SuggestedRemedy Consider changing	'rr" to "r"		
				Proposed Response	Response Status O		

C/ 157 S	SC 157.1.3	P39	L 47	# 221	C/ 157	SC 157.1.3	P39	L 47	# 63
Trowbridge, St	teve	Nokia			Kramer, Gler	1	Broadcom		
Comment Type	e E	Comment Status X			Comment Typ	be T	Comment Status X		
		e next element of the list othing indent instead of wrapping			km), 40 (40 km), or 40 [.]	nal 64B/66B encoding.x refer + (legacy 40 km)" it is not clea than a "new 40 km"?		
SuggestedRen	nedy				8,		ulali a new 40 km ?		
See comm	nent				SuggestedRe	2			
Proposed Res	ponse	Response Status O					cy 40 km)" or add an explanat	ion of what that	means.
					Proposed Re	sponse	Response Status O		
C/ 157 S	SC 157.1.3	P39	L 47	# 254	C/ 157	SC 157.1.3	P39	L 47	# 75
Dawe, Piers		Nvidia						241	# 15
Comment Type		Comment Status X		LATE	Laubach, Ma		Self		
encoding.>	k refers				Comment Typ		Comment Status X		
SuggestedRen	nedy					ability, sugges			
encoding. x refers					SuggestedRe add tabs	2	(m)" under "Bidirectional"		
Proposed Res	ponse	Response Status O			Proposed Re	sponse	Response Status O		
C/ 157 S	SC 157.1.3	P 39	L47	# 143	C/ 157	SC 157.1.3	P39	L 48	# 215
Lusted, Kent		Intel Corporat	ion		Law, David		Hewlett Packa	ard Enterprise	
Comment Type	e E	Comment Status X			Comment Ty	be TR	Comment Status X		
the variabl	e "x" and its	associated text is on the sam	e line as the var	iable "BR"			nean by '40+ (legacy 40 km)',	perhaps it is in i	reference to the optical
SuggestedRen	nedv				budget.			·	
00		nd its associated text a sepa	rate line		SuggestedRe	emedy			
Proposed Res	ponse	Response Status O			Please pr	rovide a desci	ription of the technical differen	ce is between '	40' and '40+'.
					Proposed Re	sponse	Response Status O		

C/ 157 SC 157.1.3	P 39	L 53	# 255	C/ 15	7 SC	C 157.1.3	P 40	L 5	# 10
Dawe, Piers	Nvidia			Anslo	w, Pete		Self		
Comment Type E	Comment Status X		L	ATE Comn	ent Type	Е	Comment Status X		
GMII							nstances of "xxG-BASE", whi		
SuggestedRemedy XGMII					ie first exa R10-D"	ample is in	Table 157-1 where "10G-BAS	SE-BR10-D" sho	ould be "10GBASE-
				Sugge	stedRem	edy			
Proposed Response	Response Status O			С	hange all s	52 instance	es of "xxG-BASE" to "xxGBAS	SE"	
				Propo	sed Respo	onse	Response Status O		
C/ 157 SC 157.1.3	P 39	L 53	# 170						
Dudek, Mike	Marvell			C/ 15	r so	C 157.1.3	P40	L 5	# 119
Comment Type T	Comment Status X			Wien	kowski, N	Vatalie	General Moto	ors	
GMII is for 1G which is	sn't part of this project.				`	-			
				Comn	ent Type	E	Comment Status X		
SuggestedRemedy					<i>ent Type</i> nere are "-		Comment Status X nes after 10G/25G/50G here	e that aren't in th	ne rest of the document.
				т	21	-" in the nan		e that aren't in th	ne rest of the document.
SuggestedRemedy Change GMII to XGMI				T Sugge	nere are "- stedReme	-" in the nan edy		e that aren't in th	ne rest of the document.
SuggestedRemedy Change GMII to XGMI	I			T Sugge R	nere are "- stedReme	-" in the nan <i>edy</i> e "-" after th	nes after 10G/25G/50G here	e that aren't in th	ne rest of the document.
SuggestedRemedy Change GMII to XGMI Proposed Response	I	L5	# 44	T Sugge R	nere are "- stedReme emove the	-" in the nan <i>edy</i> e "-" after th	nes after 10G/25G/50G here e "G" in each of the names.	e that aren't in th	ne rest of the document.
SuggestedRemedy Change GMII to XGMI Proposed Response	Response Status O	L 5 CommScope, Mar		T Sugge R	nere are "- stedReme emove the sed Respo	-" in the nan <i>edy</i> e "-" after th	nes after 10G/25G/50G here e "G" in each of the names.	e that aren't in th	the rest of the document.
SuggestedRemedy Change GMII to XGMI Proposed Response CI 157 SC 157.1.3	Response Status O			T Sugge Propo	nere are "- stedReme emove the sed Respo 7 SC	-" in the nan edy e "-" after th onse	nes after 10G/25G/50G here e "G" in each of the names. <i>Response Status</i> O <i>P</i> 40		
SuggestedRemedy Change GMII to XGMI Proposed Response Cl 157 SC 157.1.3 Zimmerman, George Comment Type E All phy names in Table	Response Status O P 40 ADI, Cisco, C Comment Status X es 157-1, 157-2, 157-3, and 1	CommScope, Mar 57-4 have an ext	vell, SenTekSe	T Sugge Propo C/ 15 Dawe	nere are "- stedRemove the sed Respo 7 SC	" in the nan edy e "-" after th onse C 157.1.3	nes after 10G/25G/50G here e "G" in each of the names. <i>Response Status</i> O <i>P</i> 40 Nvidia		# 257
SuggestedRemedy Change GMII to XGMI Proposed Response Cl 157 SC 157.1.3 Zimmerman, George Comment Type E All phy names in Table	Response Status O P 40 ADI, Cisco, C Comment Status X	CommScope, Mar 57-4 have an ext	vell, SenTekSe	T Sugge Propo CI 15 Dawe G- Comm	nere are "- stedRemove the sed Respo 7 SC Piers pent Type	" in the nan edy e "-" after th onse C 157.1.3 E	nes after 10G/25G/50G here e "G" in each of the names. <i>Response Status</i> O <i>P</i> 40 Nvidia <i>Comment Status</i> X	L 5	# 257 LATI
SuggestedRemedy Change GMII to XGMI Proposed Response Cl 157 SC 157.1.3 Zimmerman, George Comment Type E All phy names in Table BASE-BR10-D should	Response Status O P 40 ADI, Cisco, C Comment Status X es 157-1, 157-2, 157-3, and 1	CommScope, Mar 57-4 have an ext	vell, SenTekSe	T Sugge Propo CI 15 Dawe G- Comn T	nere are "- stedRemove the sed Respondent 7 SC Piers pent Type nis table is	" in the nan edy e "-" after th onse C 157.1.3 E s too long (s	nes after 10G/25G/50G here e "G" in each of the names. <i>Response Status</i> O <i>P</i> 40 Nvidia	L 5	# 257 LATI
SuggestedRemedy Change GMII to XGMI Proposed Response Cl 157 SC 157.1.3 Zimmerman, George Comment Type E All phy names in Table BASE-BR10-D should SuggestedRemedy	Response Status O P 40 ADI, Cisco, C Comment Status X es 157-1, 157-2, 157-3, and 1	CommScope, Mar 57-4 have an ext s elsewhere).	vell, SenTekSe	T Sugge Propo CI 15 Dawe G- Comn T Sugge	stedRemove the sed Respondence of Sed Respondence Sed Respondence Sed Respondence Sector Sector StedRemove StedRemove StedRemove StedRemove Ste	" in the nan edy e "-" after th onse C 157.1.3 E s too long (s edy	nes after 10G/25G/50G here e "G" in each of the names. <i>Response Status</i> O <i>P</i> 40 Nvidia <i>Comment Status</i> X spills over onto the next page	ل 5) and too repetit	# <u>257</u> LATI
SuggestedRemedy Change GMII to XGMI Proposed Response CI 157 SC 157.1.3 Zimmerman, George Comment Type E All phy names in Table BASE-BR10-D should SuggestedRemedy	Response Status O P 40 ADI, Cisco, C Comment Status X es 157-1, 157-2, 157-3, and 1 be 10GBASE-BR10-D as it is	CommScope, Mar 57-4 have an ext s elsewhere).	vell, SenTekSe	T Sugge Propo CI 15 Dawe G- Comm T Sugge A fil	ere are "- stedReme emove the sed Respo 7 SC Piers ent Type his table is stedReme dd a sente er), and in	" in the nam edy e "-" after th onse C 157.1.3 E s too long (s edy ence of intro	nes after 10G/25G/50G here e "G" in each of the names. <i>Response Status</i> O <i>P</i> 40 Nvidia <i>Comment Status</i> X	L 5) and too repetit on information (o sentence in eac	# 2 <u>57</u> LATi tive.

C/ 157 SC 157.1.3	P 40	L 5	# 256	C/ 157 SC 157.1.3	P 41	L 22	# 200
Dawe, Piers	Nvidia			Law, David	Hewlett Pack	ard Enterprise	
Comment Type E Co	mment Status X		LATE	Comment Type E	Comment Status X		
fi- ber					ots on the right hand side of e LLC as they do on the left		n so that the lowest
SuggestedRemedy				SuggestedRemedy			
Make the right hand column	vider, set the hyphenat	ion fragment lengt	th to at least 3.	See comment.			
Proposed Response Res	ponse Status O			Proposed Response	Response Status O		
7 157 SC 157.1.3	P40	L12	# 199	C/ 157 SC 157.1.3	P41	L37	# 145
aw, David	Hewlett Packa	ard Enterprise		Lusted, Kent	Intel Corpora	ation	
Comment Type TR Co	mment Status X			Comment Type TR	Comment Status X		
The description of the 10G-B OLT PHY using 10GBASE-R 40 km (see Clause 158).'. Th	ASE-BR40-D and 10G- encoding over one sin is is also the case for th	gle-mode fiber, with he other five BR40	th reach up to at least) and BR40+ PHYs.	architectural diagrams, v	BASE-X PCS", "25GBASE- which are not the correct na enced in Table 157-2, 157-3	ames for these PO	CS layers. However,
The description of the 10G-B OLT PHY using 10GBASE-R	ASE-BR40-D and 10G- encoding over one sin is is also the case for th	gle-mode fiber, with he other five BR40	th reach up to at least) and BR40+ PHYs.	architectural diagrams, v the PCS_sections refere SuggestedRemedy	which are not the correct na enced in Table 157-2, 157-3	ames for these P0 3, and 157-4 have	CS layers. However, them correct.
The description of the 10G-B OLT PHY using 10GBASE-R 40 km (see Clause 158).'. Th As their descriptions are iden these two PHYs to select.	ASE-BR40-D and 10G- encoding over one sin is is also the case for th	gle-mode fiber, with he other five BR40	th reach up to at least) and BR40+ PHYs.	architectural diagrams, v the PCS sections refere SuggestedRemedy Change "10GBASE-X P	which are not the correct na enced in Table 157-2, 157-3 CS" to "10GBASE-R PCS",	ames for these P0 3, and 157-4 have , "25GBASE-X P0	CS layers. However, them correct.
The description of the 10G-B OLT PHY using 10GBASE-R 40 km (see Clause 158).'. Th As their descriptions are iden	ASE-BR40-D and 10G- encoding over one sing is is also the case for the tical it makes it very dif	gle-mode fiber, wi he other five BR40 ficult for a user to	th reach up to at least) and BR40+ PHYs.	architectural diagrams, v the PCS sections refere <i>SuggestedRemedy</i> Change "10GBASE-X P PCS", and "50GBASE-X	which are not the correct na enced in Table 157-2, 157-3 CS" to "10GBASE-R PCS", < PCS" to "50GBASE-R PC	ames for these P0 3, and 157-4 have , "25GBASE-X P0	CS layers. However, them correct.
The description of the 10G-B OLT PHY using 10GBASE-R 40 km (see Clause 158). ¹ . Th As their descriptions are iden these two PHYs to select. SuggestedRemedy Provide a distinct description	ASE-BR40-D and 10G- encoding over one sing is is also the case for the tical it makes it very dif	gle-mode fiber, wi he other five BR40 ficult for a user to	th reach up to at least) and BR40+ PHYs.	architectural diagrams, v the PCS sections refere SuggestedRemedy Change "10GBASE-X P	which are not the correct na enced in Table 157-2, 157-3 CS" to "10GBASE-R PCS",	ames for these P0 3, and 157-4 have , "25GBASE-X P0	CS layers. However, them correct.
The description of the 10G-B OLT PHY using 10GBASE-R 40 km (see Clause 158). ¹ . Th As their descriptions are iden these two PHYs to select. SuggestedRemedy Provide a distinct description Proposed Response Res	ASE-BR40-D and 10G- encoding over one sing is is also the case for the tical it makes it very dif for BR40 and BR40+ F sponse Status O	gle-mode fiber, wi he other five BR40 ficult for a user to PHYs.	th reach up to at least) and BR40+ PHYs. decide which of	architectural diagrams, v the PCS sections refere <i>SuggestedRemedy</i> Change "10GBASE-X P PCS", and "50GBASE-X	which are not the correct na enced in Table 157-2, 157-3 CS" to "10GBASE-R PCS", < PCS" to "50GBASE-R PC	ames for these P0 3, and 157-4 have , "25GBASE-X P0	CS layers. However, them correct.
The description of the 10G-B OLT PHY using 10GBASE-R 40 km (see Clause 158).'. Th As their descriptions are iden these two PHYs to select. BuggestedRemedy Provide a distinct description Proposed Response Res 27 157 SC 157.1.3	ASE-BR40-D and 10G- encoding over one sing is is also the case for the tical it makes it very dif for BR40 and BR40+ F sponse Status O P 41	gle-mode fiber, wi he other five BR40 ficult for a user to	th reach up to at least) and BR40+ PHYs.	architectural diagrams, v the PCS sections refere SuggestedRemedy Change "10GBASE-X P PCS", and "50GBASE-X Proposed Response	which are not the correct na enced in Table 157-2, 157-3 CCS" to "10GBASE-R PCS", CPCS" to "50GBASE-R PC <i>Response Status</i> O <i>P</i> 41	ames for these P(3, and 157-4 have , "25GBASE-X P(S"	CS layers. However, them correct. CS" to "25GBASE-R
The description of the 10G-B OLT PHY using 10GBASE-R 40 km (see Clause 158).'. Th As their descriptions are iden these two PHYs to select. SuggestedRemedy Provide a distinct description Proposed Response Res Cl 157 SC 157.1.3 Dawe, Piers	ASE-BR40-D and 10G- encoding over one sing is is also the case for the tical it makes it very dif for BR40 and BR40+ F sponse Status O P41 Nvidia	gle-mode fiber, wi he other five BR40 ficult for a user to PHYs.	th reach up to at least 0 and BR40+ PHYs. decide which of # 258	architectural diagrams, v the PCS sections refere SuggestedRemedy Change "10GBASE-X P PCS", and "50GBASE-X Proposed Response C/ 157 SC 157.1.3 Marris, Arthur Comment Type TR	which are not the correct na enced in Table 157-2, 157-3 CCS" to "10GBASE-R PCS", CPCS" to "50GBASE-R PC <i>Response Status</i> 0 <i>P</i> 41 Cadence Des <i>Comment Status</i> X	ames for these PG 3, and 157-4 have , "25GBASE-X PG S" <i>L</i> 37	CS layers. However, them correct. CS" to "25GBASE-R
The description of the 10G-B OLT PHY using 10GBASE-R 40 km (see Clause 158).'. Th As their descriptions are iden these two PHYs to select. SuggestedRemedy Provide a distinct description Proposed Response Res C/ 157 SC 157.1.3 Dawe, Piers Comment Type E Co	ASE-BR40-D and 10G- encoding over one sing is is also the case for the tical it makes it very dif for BR40 and BR40+ F sponse Status O P41 Nvidia mment Status X	gle-mode fiber, with the other five BR40 fficult for a user to PHYs.	th reach up to at least 0 and BR40+ PHYs. decide which of # 258 LATE	architectural diagrams, v the PCS sections refere SuggestedRemedy Change "10GBASE-X P PCS", and "50GBASE-X Proposed Response C/ 157 SC 157.1.3 Marris, Arthur	which are not the correct na enced in Table 157-2, 157-3 CCS" to "10GBASE-R PCS", CPCS" to "50GBASE-R PC <i>Response Status</i> 0 <i>P</i> 41 Cadence Des <i>Comment Status</i> X	ames for these PG 3, and 157-4 have , "25GBASE-X PG S" <i>L</i> 37	CS layers. However, them correct. CS" to "25GBASE-R
The description of the 10G-B OLT PHY using 10GBASE-R 40 km (see Clause 158). ¹ . Th As their descriptions are iden these two PHYs to select. SuggestedRemedy Provide a distinct description Proposed Response Res Cl 157 SC 157.1.3 Dawe, Piers Comment Type E Cc If the table spills over onto a in italics.	ASE-BR40-D and 10G- encoding over one sing is is also the case for the tical it makes it very dif for BR40 and BR40+ F sponse Status O P41 Nvidia mment Status X	gle-mode fiber, with the other five BR40 fficult for a user to PHYs.	th reach up to at least 0 and BR40+ PHYs. decide which of # 258 LATE	architectural diagrams, v the PCS sections refere SuggestedRemedy Change "10GBASE-X P PCS", and "50GBASE-X Proposed Response C/ 157 SC 157.1.3 Marris, Arthur Comment Type TR	which are not the correct na enced in Table 157-2, 157-3 CCS" to "10GBASE-R PCS", K PCS" to "50GBASE-R PC <i>Response Status</i> 0 <i>P</i> 41 Cadence Des <i>Comment Status</i> X Ses	ames for these PG 3, and 157-4 have , "25GBASE-X PG S" <i>L</i> 37	CS layers. However, them correct. CS" to "25GBASE-R
The description of the 10G-B OLT PHY using 10GBASE-R 40 km (see Clause 158).'. Th As their descriptions are iden these two PHYs to select. SuggestedRemedy Provide a distinct description Proposed Response Res Composed Response Res Composed Response Res Comment Type E Cool If the table spills over onto a	ASE-BR40-D and 10G- encoding over one sing is is also the case for the tical it makes it very dif for BR40 and BR40+ F sponse Status O P41 Nvidia mment Status X second page, the contin	gle-mode fiber, with the other five BR40 fficult for a user to PHYs.	th reach up to at least 0 and BR40+ PHYs. decide which of # 258 LATE	architectural diagrams, v the PCS sections refere SuggestedRemedy Change "10GBASE-X P PCS", and "50GBASE-X Proposed Response CI 157 SC 157.1.3 Marris, Arthur Comment Type TR These are BASE-R PCS SuggestedRemedy	which are not the correct na enced in Table 157-2, 157-3 CCS" to "10GBASE-R PCS", K PCS" to "50GBASE-R PC <i>Response Status</i> 0 <i>P</i> 41 Cadence Des <i>Comment Status</i> X Ses	ames for these PG 3, and 157-4 have , "25GBASE-X PG S" <i>L</i> 37	CS layers. However, them correct. CS" to "25GBASE-R

C/ 157 SC 157.1.3	P 41	L37	# 202	C/ 157	SC 157.1.4	P 42	L 5	# 33
Law, David	Hewlett Pacl	kard Enterprise		Hajduczer	nia, Marek	Charter		
Comment Type T	Comment Status X			Comment	Type ER	Comment Status X		
The PCS used for all	three PHY speeds in a 'BASE	E-R PCS', not a 'B	ASE-X PCS'.			l, we do not use "must" exce	pt for specific ca	ses outlined in Style
SuggestedRemedy				Manua				
	'10GBASE-X PCS' be change			Suggested	,			
	changed to read '25GBASE-	R PCS' and '50GE	BASE-X PCS' be	"PHY	types must meet	the requirements" - change	to "shall"?	
changed to read '50G				Proposed	Response	Response Status O		
Proposed Response	Response Status O							
				C/ 157	SC 157.1.4	P 42	L 9	# 206
C/ 157 SC 157.1.3	P 41	L 40	# 211	Law, Davi	d	Hewlett Pack	ard Enterprise	
Law, David	Hewlett Pacl	kard Enterprise		Comment		Comment Status X		
Comment Type T	Comment Status X				51	d read '10GBASE-BRx'.		
•	Physical Layer of the OSI re	ference model, se	e IEEE Std 802.3-	Suggested	Pemedy			
2018 figure 1-1.					omment.			
SuggestedRemedy								
	rom the bottom of the Physic the Physical Layer to the bot			Proposed	Response	Response Status O		
Proposed Response	Response Status O			C/ 157	SC 157.1.4	P 42	L 9	# 259
				Dawe, Pie	ers	Nvidia		
C/ 157 SC 157.1.3	P 41	L 47	# 32	Comment	Туре Е	Comment Status X		LAT
Hajduczenia, Marek	Charter			10G-B	BASE			
Comment Type ER	Comment Status X			Suggested	Remedy			
GMII is defined in Fig	ure 157-1, but not used in the	figure. XGMII, 25	GMII, and 50GMII are					
used and not defined		-		Proposed	Response	Response Status O		
SuggestedRemedy				rioposeu	Response	Response status U		
Fix the xMII definition	issues							

C/ 157 SC 157.1.4	P 42	L13	# 76	C/ 157 SC 157.1.4	P 42	L 20	# 201
aubach, Mark	Self			Law, David	Hewlett Pac	kard Enterprise	
omment Type E	Comment Status X			Comment Type T	Comment Status X		
	green, yet it is included in th	nis addendum. S	Same respective issue	As the title for Clause	e 49 is 'Physical Coding Subla S' column for Table 157-3 and	ayer (PCS) for 64B	/66B, type 10GBASE
on line 41 with "159".					S column for Table 157-3 and S' respectively, please chang		
SuggestedRemedy	s included in this addendum	to active cross r	ferences	'10GBASE-R PCS'.			
-		tp active closs re	fierences.	SuggestedRemedy			
Proposed Response	Response Status O			Suggest that the text	'64B/66B PCS' be changed to	o read '10GBASE-	R PCS'.
				Proposed Response	Response Status O		
C/ 157 SC 157.1.4	P 42	L13	# 120				
Vienckowski, Natalie	General Moto	rs		C/ 157 SC 157.1.4	. P 42	L 20	# 205
Comment Type E	Comment Status X			Law. David	Hewlett Pac	kard Enterprise	
Clause 158 is in this dra	aft.			Comment Type T	Comment Status X		
SuggestedRemedy				21	he XGMII, not the GMII.		
Make the 158 in the hea	ading a crosslink.			SuggestedRemedy			
Proposed Response	Response Status O				II' to read 'XGMII' in the right h	and Clause 46 co	lumn.
				Proposed Response	Response Status O		
C/ 157 SC 157.1.4	P 42	L13	# 34				
Hajduczenia, Marek	Charter			C/ 157 SC 157.1.4	P42	L36	# 235
Comment Type E	Comment Status X						# 235
Clause 158 should not	be marked in gree, but linked	l live		Thompson, Geoff		A./Independent	
SuggestedRemedy				Comment Type ER	Comment Status X is split across the page breal	k is at a minimum	confusing It needs
Same applies to Tables	157-3, and 157-4 for Clause	es 159, and 160,	respectively	to be controlled appr		x 15, at a minimum	, confusing. It fields
Proposed Response	Response Status O			SuggestedRemedy			
					single page or pro-actively cor		
7 SC 157.1.4	P42	L19	# 260	new column heading (continued).	s on the new page. Change t	he title on the 2nd	piece to Table 157-3
Dawe, Piers	r 42 Nvidia	L 13	# 200	Proposed Response	Response Status O		
Comment Type E	Comment Status X		LATE		Nesponse status U		
51	EEE is above PCS the PCS	at least; I believ					
SuggestedRemedy							
Move the EEE column	o between "Nomenclature" a	and RS.					

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

C/ 157 SC 157.1.4 Page 26 of 48 6/28/2020 10:36:10 PM

C/ 157 SC 157.1.4	P 42	L 36	# 207	C/ 157 SC 157.1.4	P 43	L18	# 208
Law, David	Hewlett Packa	ard Enterprise		Law, David	Hewlett Pack	ard Enterprise	
Comment Type E 25G-BASE-BRx' should	Comment Status X d read '25GBASE-BRx'.			Comment Type E 50G-BASE-BRx' shou	Comment Status X ld read '50GBASE-BRx'.		
SuggestedRemedy See comment.				SuggestedRemedy See comment.			
Proposed Response	Response Status O			Proposed Response	Response Status O		
7 SC 157.1.4	P42	L41	# 121	C/ 157 SC 157.1.4	P43	L 21	# 123
Vienckowski, Natalie	General Motor	rs		Wienckowski, Natalie	General Moto	rs	
<i>Comment Type</i> E Clause 159 is in this dr	Comment Status X aft.			Comment Type E Clause 160 is in this d	Comment Status X Iraft.		
<i>SuggestedRemedy</i> Make the 159 in the he	ading a crosslink.			SuggestedRemedy Make the 160 in the h	eading a crosslink.		
Proposed Response	Response Status O			Proposed Response	Response Status O		
/ 157 SC 157.1.4	P43	L1	# 122	C/ 157 SC 157.2	P 44	L1	# 236
/ienckowski, Natalie	General Motor	rs		Thompson, Geoff	GraCaSI S.A.	/Independent	
<i>comment Type</i> E The table title needs (c	Comment Status X ontinued) in it.			Comment Type ER The definition of "sybla	Comment Status X ayers" is unknown to me.		
<i>SuggestedRemedy</i> See instructions in 200	.1.1.1.1 in the 802.3 FM temp	late.		SuggestedRemedy Change "syblayers" to	"sublayers."		
Proposed Response	Response Status O			Proposed Response	Response Status O		
/ 157 SC 157.1.4	P 43	L1	# 209	C/ 157 SC 157.2	P 44	L1	# 261
aw, David	Hewlett Packa	ard Enterprise		Dawe, Piers	Nvidia		
<i>comment Type</i> E 25G-BASE-BRx' should	Comment Status X d read '25GBASE-BRx'.			Comment Type E syblayers	Comment Status X		LATE
SuggestedRemedy See comment.				SuggestedRemedy sublayers			
Proposed Response	Response Status O			Proposed Response	Response Status O		
	d ER/editorial required GR/g			G/general //written C/closed U/unsatisfied	C/ 15 Z/withdrawn SC 15		Page 27 of 48 6/28/2020 10:36:10

CI 157 SC 157.2.1	P 44	L11	# 45	C/ 157 SC 157.2.3	P44	L10	# 263
Zimmerman, George	ADI, Cisco, C	ommScope, Mar	vell, SenTekSe	Dawe, Piers	Nvidia		
Comment Type E Is it BiDi or Bidi?	Comment Status X			Comment Type E specific RS and xMII	Comment Status X specified		LATE
SuggestedRemedy Change Bidi to BiDi on Proposed Response	n P44, Lines 11, 17, 24, 38, 45 Response Status O	, and page 39 lir	ne 39	SuggestedRemedy particular RS and xM or, delete the second Also in 157.2.2, 157.	•		
				Proposed Response	Response Status O		
C/ 157 SC 157.2.2	P44	L15	# 214				
Law, David	Hewlett Packa	ard Enterprise		C/ 157 SC 157.2.3	P44	L11	# 264
Comment Type T	Comment Status X			Dawe, Piers	Nvidia		
SuggestedRemedy	II' should be changed to rea	d ' the xMII'	hear and on line 17.	Comment Type E for a given is giver	Comment Status X		LATE
See comment. Proposed Response	Response Status O			SuggestedRemedy Change "for a given" Also in 157.2.2, 157	to "for each". 2.3, 157.2.4 and 157.2.5.		
C/ 157 SC 157.2.2	P44	L16	# 65	Proposed Response	Response Status O		
Kramer, Glen Comment Type E	Broadcom Comment Status X			C/ 157 SC 157.2.3	P44	L22	# 262
	er" everywhere except in three	e places on page	44, where it uses	Dawe, Piers	Nvidia		
"sub-layer"				Comment Type T	Comment Status X		LATE
SuggestedRemedy Remove hyphens in "s	ub-layer" on lines 16 (two nins	stances) and line		Now that FEC is requ Gigabit BiDi PHYs" is	lired for some PMDs, "An FEC s too weak.	Sublayer is avai	lable for all Multi-
Proposed Response	Response Status O			SuggestedRemedy			
-				An FEC sublayer is c all other Multi-Gigabi	ptional for 10G-BASE-BR10 a BiDi PHYs.	Ind 10G-BASE-B	R40, and required for
				Proposed Response	Response Status O		

C/ 157 SC 157.2.4	4 P44	L35	# 237	C/ 157	SC 157.4	P 45	L25	# 72
Thompson, Geoff	GraCaSI S.A.	/Independent		Nicholl, S	hawn	Xilinx		
25GAUI or 50GAUI	Comment Status X PMA also may provide an obser chip-to-chip 35 (C2C) or chip-to- ndard. Anything that is not forbid	module (C2M)." ł	nas no meaning within	gramr	ntly, the sentenc mar.	Comment Status X e reads "The maximum delay	are specified	". This is improper
SuggestedRemedy	zed test points are specified or c			Anoth	osed to replace " her alternative is	The maximum delay for" with " "The maximum delay constrain		delay values for".
Proposed Response	Response Status O			Proposed	Response	Response Status O		
				C/ 157	SC 157.4	P45	L 25	# 265
C/ 157 SC 157.3	P 45	L25	# 124	Dawe, Pie	ers	Nvidia		
Vienckowski, Natalie	General Motor	ſS		Comment	Туре Т	Comment Status X		LA
omment Type E	Comment Status X			44.3 v	will need modific	ation to include FEC delay		
	be possessive or the s should be	e removed.		Suggested	dRemedy			
SuggestedRemedy				Modif	y Table 44-2.			
Change: PHYs sub To: PHY's sublayer Or To: PHY sublaye Also on L27 and L29	s ers			Proposed	Response	Response Status O		
Proposed Response	Response Status O			C/ 157	SC 157.6	P45	L 43	# 66
-				Kramer, G	Glen	Broadcom		
				Comment	Туре Т	Comment Status X		
157 SC 157.4	P45	L18	# 238			ulti-Gigabit Ethernet BiDi PHY	family are requ	ired to include PCS
hompson, Geoff	GraCaSI S.A.	Independent/			ers or variable e	quivalents that: status of the PCS (see 49.2.1	4 1 and 45 2 3	15 1) and
Comment Type TR	Comment Status X					ansmitter(see 45.2.1.8)."		iori), and
bound on the propag	E operation is not the only reaso gation delays through the networ num transit time need to be spec	k. I am given to u	nderstand that both	As de happe	,	T and ONU will disable the tra	insmitter. This is	s not what should
SuggestedRemedy				Suggested	dRemedv			
	ons for specifying delay and inclu	ude specification	of minimum delay as	The s	etting to use sile	nt mode must be pre-configure egisters or variables is an impl		
Proposed Response	Response Status O			It is be in Act	etter to introduce ive Mode, it doe	Active/Passive Mode for all B s not disable the TX. In Passiv 57.2.9 for a similar issue resol	Rx PHY. If BRx e Mode, the TX	is pre-configured to b disabled until a valid
				Dranacad	D			

Proposed Response Response Status **O**

TYPE: TR/technical required ER/editorial required GR/gener	al required T/technical E/editorial G/general	C/ 157	Page 29 of 48
COMMENT STATUS: D/dispatched A/accepted R/rejected	RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn	SC 157.6	6/28/2020 10:36:10 PM
SORT ORDER: Clause, Subclause, page, line			

				# 010	C/ 157	00 455 0	P46	14	# 00
C/ 157 SC	157.6	P 45	L 45	# 213	0/ 13/	SC 157.6	P 46	L1	# 36
Law, David		Hewlett Packa	ard Enterprise		Hajduczer	nia, Marek	Charter		
Comment Type	ER	Comment Status X			Comment	Type E	Comment Status X		
		ase that 'The access network cations networks.', but I don't			Missin Suggested	ng space in "tran dPomody	nsmitter(see"		
SuggestedRemed	-					nissing space			
by Multi-Gigat	abit Etherne services if a	paragraph of subclause 157.6 It BiDi ONU PHYs to reduce Multi-Gigabit Ethernet BiDi (work.'.	the likelihood of	disruption to	Proposed	Response	Response Status O		
Proposed Respon	nse	Response Status O			C/ 157	SC 157.6	P 46	L10	# 67
					Kramer, G	Blen	Broadcom		
C/ 157 SC	157.6	P45	L 46	# 212	Comment "Once	51	Comment Status X s enable it should not be disa	bled until the rece	eive signal is lost "
Law, David		Hewlett Packa	ard Enterprise						enve signal is lost.
					Suddesied	dRemedy			
Comment Type	Е	Comment Status X				entence is not i	ntended as an ontional requir	rement and no co	presponding PICS
	ent to replac	Comment Status X te this paragrpah is not accept hanged to read ' are, by the			This s	entence is not i . Also, a typo in	ntended as an optional requir "is enable".	rement and no co	prresponding PICS
If my commer less well' si	ent to replac should be cl	e this paragrpah is not acce			This s exists.	. Also, a typo in			
If my commer less well' sl SuggestedRemed	ent to replac should be cl <i>dy</i>	e this paragrpah is not acce			This s exists. Rephr lost." A bett "Once	. Also, a typo in rase as "Once to rer explanation ve transmission is	"is enable". ansmission is enabled, it is r	not be disabled ur	ntil the receive signal
If my commer less well' sl SuggestedRemed Proposed Respon	ent to replac should be cl <i>dy</i>	e this paragrpah is not accephanged to read ' are, by the			This s exists. Rephr lost." A bette "Once even i	. Also, a typo in rase as "Once to rer explanation ve transmission is	"is enable". ansmission is enabled, it is r vould be this: s enabled, it remains enabled	not be disabled ur	ntil the receive signal
If my commer less well' sl SuggestedRemed Proposed Respon	ent to replac should be cl dy nse 157.6	Response Status O	eir nature, less w	rell'.	This s exists. Rephr lost." A bette "Once even i	Also, a typo in rase as "Once to er explanation v transmission is f the PCS detect	"is enable". ansmission is enabled, it is r vould be this: s enabled, it remains enabled ts the received signal fault."	not be disabled ur	ntil the receive signal
If my commer less well' sl SuggestedRemed Proposed Respon Cl 157 SC Hajduczenia, Mar	ent to replac should be cl dy nse 157.6	Response Status O	eir nature, less w	rell'.	This s exists. Rephr lost." A bette "Once even i	Also, a typo in rase as "Once to er explanation v transmission is f the PCS detect	"is enable". ansmission is enabled, it is r vould be this: s enabled, it remains enabled ts the received signal fault."	not be disabled ur	ntil the receive signal
If my commer less well' sl SuggestedRemed Proposed Respon Cl 157 SC Hajduczenia, Mar Comment Type	ent to replac should be cl dy nse 157.6 urek ER eall" in "All n	Response Status O P45 Charter Comment Status X nembers of the Multi-Gigabit	eir nature, less w	# <u>35</u>	This s exists. Rephr lost." A bettu "Once even i Proposed C/ 157	Also, a typo in rase as "Once the rer explanation we transmission is f the PCS detect Response	"is enable". ansmission is enabled, it is r would be this: e enabled, it remains enabled ts the received signal fault." <i>Response Status</i> O	not be disabled ur I until the optical i	ntil the receive signal receive power is lost,
If my commer less well'sl SuggestedRemed Proposed Respon Cl 157 SC Hajduczenia, Mar Comment Type A hidden "sha to include PC	ent to replac should be cl dy nse 157.6 urek ER iall" in "All n CS registers	Response Status O P45 Charter Comment Status X nembers of the Multi-Gigabit	eir nature, less w	# <u>35</u>	CI 157 Hajduczer Comment	Also, a typo in rase as "Once the er explanation we transmission is f the PCS detect <i>Response</i> SC 157.6 nia, Marek <i>Type</i> ER	"is enable". ansmission is enabled, it is r would be this: s enabled, it remains enabled to the received signal fault." <i>Response Status</i> O <i>P</i> 46 Charter <i>Comment Status</i> X	hot be disabled un I until the optical i	ntil the receive signal receive power is lost, # <u>37</u>
If my commer less well' sl SuggestedRemed Proposed Respon Cl 157 SC Hajduczenia, Mar Comment Type A hidden "sha to include PC SuggestedRemed convert this te	ent to replac should be cl dy nse 157.6 trek ER all" in "All n CS registers dy text into "sh	Response Status O P45 Charter Comment Status X nembers of the Multi-Gigabit	<i>L</i> 52 Ethernet BiDi Pł	# <u>35</u> HY family are required	Cl 157 Comment Is this s Proposed	Also, a typo in rase as "Once the er explanation we transmission is f the PCS detect <i>Response</i> SC 157.6 nia, Marek <i>Type</i> ER intended to be	"is enable". ransmission is enabled, it is n vould be this: s enabled, it remains enabled ets the received signal fault." <i>Response Status</i> O <i>P</i> 46 Charter	hot be disabled un I until the optical i	ntil the receive signal receive power is lost, # <u>37</u>
If my commer less well' sl SuggestedRemed Proposed Respon Cl 157 SC Hajduczenia, Mar Comment Type A hidden "sha to include PC SuggestedRemed convert this te soften the lan	ent to replac should be cl dy nse 157.6 trek ER all" in "All n CS registers dy text into "sh nguage.	e this paragrpah is not accept hanged to read ' are, by the <i>Response Status</i> O <i>P</i> 45 Charter <i>Comment Status</i> X nembers of the Multi-Gigabit " all" statement if this is intend	<i>L</i> 52 Ethernet BiDi Pł	# <u>35</u> HY family are required	Cl 157 Comment Is this s Proposed	Also, a typo in rase as "Once the er explanation we transmission is fine PCS detector <i>Response</i> SC 157.6 nia, Marek <i>Type</i> ER intended to be tabled until the r	"is enable". ransmission is enabled, it is r vould be this: s enabled, it remains enabled ts the received signal fault." <i>Response Status</i> O <i>P</i> 46 Charter <i>Comment Status</i> X an optional requirement: "On	hot be disabled un I until the optical i	ntil the receive signal receive power is lost, # <u>37</u>
If my commer less well' sl SuggestedRemed Proposed Respon Cl 157 SC Hajduczenia, Mar Comment Type A hidden "sha to include PC SuggestedRemed convert this te	ent to replac should be cl dy nse 157.6 trek ER all" in "All n CS registers dy text into "sh nguage.	Response Status O P45 Charter Comment Status X nembers of the Multi-Gigabit	<i>L</i> 52 Ethernet BiDi Pł	# <u>35</u> HY family are required	Cl 157 Hajduczer Comment Is this Buggested	Also, a typo in rase as "Once the er explanation we transmission is fine PCS detector <i>Response</i> SC 157.6 mia, Marek <i>Type</i> ER intended to be abled until the rod <i>Remedy</i>	"is enable". ransmission is enabled, it is r vould be this: s enabled, it remains enabled ts the received signal fault." <i>Response Status</i> O <i>P</i> 46 Charter <i>Comment Status</i> X an optional requirement: "On	not be disabled un I until the optical i <i>L</i> 10 nce transmission i	ntil the receive signal receive power is lost, # <u>37</u>

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

C/ 158 SC 158	Р	L	# 181	C/ 158 SC 158.1	P 47	L7	# 186	
Stassar, Peter	Huawei			Stassar, Peter	Huawei			
Comment Type TR	Comment Status X			Comment Type ER	Comment Status X			
	teroperability between the variou u D2.2. Also for 159 and 160.	us PMDs are m	issing. See latest	in more recent opti	t in the past for 10G PHYs refere cal PMDs this term has not been s made to "serial" in 159.1 and 16	used, as in new	clauses 159 and 160.	
30	or interoperability for various PM	IDc in 158, 150	and 160	Thus comments als	so applies to 159.1 and 160.1			
·		105 11 150, 159		SuggestedRemedy				
Proposed Response	Response Status O			Make wording cons	istent with 159.1 and 160.1			
				Proposed Response	Response Status O			
C/ 158 SC 158	P 46	L 2	# 163					
Dawe, Piers	Nvidia			C/ 158 SC 158.1	P 47	L8	# 114	
Comment Type ER	Comment Status X			Wienckowski, Natalie	General Moto	rs		
10GBASE-BR40+ i	s a bad name and 10GBASE-BF	R40+-U is even	worse	Comment Type E	Comment Status X			
SuggestedRemedy	else e.g. 10GBASE-BR40p, 100			typo				
Proposed Response	Response Status O	SDAGE-DIGU		<i>SuggestedRemedy</i> Change: 10BASE-I To: 10GBASE-BR1				
C/ 158 SC 158	P47	L1	# 62	Proposed Response	Response Status O			
Kramer, Glen	Broadcom							
Comment Type E	Comment Status X			C/ 158 SC 158.1	P47	L17	# 266	
PMD name 50GBA	SE-BR40+-D is confusing as it r	eads like BR40	"plus/minus" D.	Dawe, Piers	Nvidia			
SuggestedRemedy				Comment Type T	Comment Status X		LATE	
	ing PMD names instead:			Not the usual word	ng			
	50GBASE-BR41 - "BR41" PMD class slightly better than class "BR40". 50GBASE-BR40XB - "XB" for "eXtended Budget"		40".	SuggestedRemedy				
Proposed Response	Response Status O			Change "defined in	45" to "defined in Clause 45, or e	equivalent"		
				Proposed Response	Response Status O			

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Immerman, George ADI, Cisco, CommScope, Marvell, SenTekSe comment Type E Comment Status X L "defined in 45" - the cross reference should read "Clause 45" (same thing in 159.1 and 160.1) Dawe, Piers Nvidia UggestedRemedy Change cross reference to read "Clause 45" Order of sublayers should be top to bottom. SuggestedRemedy Change cross reference to read "Clause 45" P47 L25 # 126 Vienckowski, Natalie General Motors O Comment Type E Comment Status X Cl All the "Associated clause"s in the table are not included in the draft and should be external. Wienckowski, Natalie General Motors Clause 108 should be marked as an external link as it isn't in this draft. SuggestedRemedy Change the character tag on "46" (2x), "47", "49", "51", "108" to External which will turn them green. Clause 108 should be marked as an external which will turn it green. troposed Response Response Status O Clause 108 sc 158.1 P47 L34 # 125 Clause 108 should be marked as an external which will turn them green. Proposed Response Response Status O Clause 108 sc 158.1 P47 L34 # 177										
comment Type E Comment Status X L "defined in 45" - the cross reference should read "Clause 45" (same thing in 159.1 and 160.1) Use Status X L uiggestedRemedy Change cross reference to read "Clause 45" More the row "108 RS-FEC Optional Required" to between PCS and PMA (as it is in 150 and 160.0) Vi 168 SC 158.1 P47 L25 # 126 Wienckwski, Natalie General Motors Comment Type E Comment Type E Comment Status X C Vi 168 SC 158.1 P47 L34 # 126 Wienckwski, Natalie General Motors Comment Type E Comment Status X Cl 158 SC 158.1 P47 L34 # 126 Wienckwski, Natalie General Motors Comment Type E Comment Status X Cl 158 SC 158.1 P47 L34 # 126 Wienckwski, Natalie General Motors Comment Type E Comment Status X Cl 158 SC 158.1 P47 L34 # 177 ViagestedRemedy Change the character tag on "46" (2x), "47", "49", "51, "108" to External which will turn it green. Proposed Response Response Status O Vi 158 SC 158.1 P47 L34 # 77 Vi 168	C/ 158	SC 158.1	P47	L17	# 46	C/ 158	SC 158.1	P 47	L 32	# 267
 "defined in 45" - the cross reference should read "Clause 45" (same thing in 159.1 and 160.1) UrgestedRemedy Change cross reference to read "Clause 45" Wienckowski, Natalie General Motors Wienckowski, Natalie General Motors Comment Type E Comment Status X All the "Associated clause"s in the table are not included in the draft and should be external. UrgestedRemedy Change the character tag on "46" (2x), "47", "49", "51", "106" to External which will turn them green. tropsed Response Response Status O VI 158 SC 158.1 P47 L32 # 210 Xange the character tag on "46" (2x), "47", "49", "51", "106" to External which will turn it green. tropsed Response Response Status O VI 158 SC 158.1 P47 L32 # 210 Comment Type TR Comment Status X According to Table 158-1. Clause 108 RS-FEC is optional for both a 10GBASE-BR10 performed to a 1GGBASE-BR10 PHY with an IGGBASE-BR10 PHY with and IGGBASE-BR10 PHY with and IGGBASE-BR10 PHY with and IGGBASE-BR10 PHY with a IGGBASE-BR10 I I I I I I I I I I I I I I I I I I I	Zimmerma	an, George	ADI, Cisco, Co	ommScope, Ma	rvell, SenTekSe	Dawe, Pie	ers	Nvidia		
uggestel/Remedy Change cross reference to read "Clause 45" imposed Response Response Status 0 V1 158 SC 158.1 P47 L25 # 126 Vienckowski, Natalie General Motors General Motors Comment Type Comment Status X Clause 108 Sc 158.1 P47 L34 # 125 Vienckowski, Natalie General Motors General Motors Clause 108 should be marked as an external link as it isn't in this draft. Uggested/Remedy Change the character tag on "46" (2x), "47", "49", "51", "108" to External which will turn them green. Clause 108 should be marked as an external link as it isn't in this draft. Suggested/Remedy Change the character tag on "46" (2x), "47", "49", "51", "108" to External which will turn them green. Clause 108 should be marked as an external link as it isn't in this draft. Suggested/Remedy Clause 108 should be marked as an external link as it isn't in this draft. Suggested/Remedy V1 158 SC 158.1 P47 L34 # 125 Wienckowski, Natalie General Motors Comment Type T Comment Type T<	"define	ed in 45" - the c		ause 45" (same	thing in 159.1 and	Order	of sublayers sh			LA
Imposed Response Response Status O V1 158 SC 158.1 P47 L25 # 126 Wienckowski, Natalie General Motors General Motors Sommeri Type E Comment Status X All the "Associated clause"s in the table are not included in the draft and should be external. Wienckowski, Natalie General Motors Urgested/Remedy Change the character tag on "46" (2x), "47", "49", "51", "108" to External which will turn the green. Clause 108 should be marked as an external link as it isn't in this draft. Wigested/Remedy Change the character tag on "46" (2x), "47", "49", "51", "108" to External which will turn the green. Proposed Response Response Status O V1 158 SC 158.1 P47 L32 # 210 and JOGBASE-BR40 PHY. It is not clear that a 10GBASE-BR10 pHY that implements the optional RS-FEC subayer can interoperate with a 10GBASE-BR10 PHY that does not implement the optional RS-FEC subayer. Since the IEEE PR02.3gn nomendature doesn't movie to way to indicate if 100 GBASE-BR10 PHY will interoperate with a nother JOGBASE-BR10 PHY that does not implement to IOGBASE-BR10 PHY will interoperate with a nother JOGBASE-BR10 PHY will interoperate with a nother JOGBASE-BR40 PHY will interoperate with a nother JOGBASE-BR40	Suggested	IRemedy	ice to read "Clause 45"			Move	the row "108 RS	S-FEC Optional Required" to b	etween PCS an	d PMA (as it is in 159
Vienckowski, Natalie General Motors comment Type E Comment Status X All the "Associated clause"s in the table are not included in the draft and should be external. Wienckowski, Natalie General Motors Uggested/Remedy Change the character tag on "46" (2x), "47", "49", "51", "108" to External which will turn the mere. Clause 108 should be marked as an external link as itsn't in this draft. Vienckowski, Natalie General Motors Comment Type E Comment Type Comment Type Comment Status X (158 SC 158.1 P47 L32 # 210 Comment Type E Comment Status X Comment Type Comment Type Comment Type Clause 108 should be marked as an external which will turn it green. 1/ 158 SC 158.1 P47 L32 # 210 Comment Type E Comment Status X According to Table 158-11. P47 L34 # 177 Clause 108 hould be marked as an external which will turn it green. Proposed Response Response Status O Comment Type E Comment Type C Comment Type C <td>Proposed</td> <td>Response</td> <td>Response Status O</td> <td></td> <td></td> <td>Proposed</td> <td>Response</td> <td>Response Status O</td> <td></td> <td></td>	Proposed	Response	Response Status O			Proposed	Response	Response Status O		
comment Type E Comment Status X All the "Associated clause"s in the table are not included in the draft and should be external. utgestedRemedy Change the character tag on "46" (2x), "47", "49", "51", "108" to External which will turn them green. them green. to posed Response Response Status O to 158 SC 158.1 P47 L32 # 210 to 158 SC 158.1 P47 L32 # 210 aw, David Hewlett Packard Enterprise Comment Type E Comment Status X According to Table 158-1. Clause 108 RS—FEC sublayer: Since the IEEE P802.3cp nomenclature does not implement the optional RS-FEC sublayer. Since the IEEE P802.3cp nomenclature does not implement optional FSC, it appears that user has no way to know if a 10GBASE-BR10 PHY will interoperate with a notofeASE-BR10 PHY sublayer can't interoperate with a notofeASE-BR10 PHY indices not implement the optional RS-FEC sublayer, add a way to indicate if the optional RS-FEC sublayer, add a way to indicate if the optional RS-FEC sublayer, add a way to indicate if the optional RS-FEC sublayer, add a way to indicate if the optional RS-FEC sublayer, add a way to indicate if the optional RS-FEC sublayer, add a way to indicate if the optional RS-FEC sublayer, add a way to indicate if the optional RS-FEC sublayer, add a way to indicate if the optional RS-FEC sublayer, add a way to indicate if the optional RS-FEC sublayer, add a way to indicate if the optional RS-F	C/ 158	SC 158.1	P47	L 25	# 126	C/ 158	SC 158.1	P47	L 34	# 125
All the "Associated clause"s in the table are not included in the draft and should be external. taggestedRemedy Trapsed Response Response Response Status O To 158 SC 158.1 P47 L32 # 210 To 158 SC 158.1 P47 L32 # 210 To 158 SC 158.1 P47 L32 # 210 To 158 SC 158.1 P47 L34 # 77 Comment Status X According to Table 158-1, Clause 108 RS—FEC is optional for both a 10GBASE-BR10 and 10GBASE-BR40 PHY. It is not clear that a 10GBASE-BR10 PHY that does not implement the optional RS-FEC sublayer can interoperate with a 10GBASE-BR10 PHY that does not implement the optional FEC, it appears that user has no way to know if a 10GBASE-BR10 PHY that does not implement the optional FEC, it appears that user has no way to know if a 10GBASE-BR10 PHY will interoperate with another 10GBASE-BR10 PHY Har 00GBASE-BR40 PHY implements RS-FEC or not. This seems to mean that a user won't know if one particular 10GBASE-BR10 PHY that implements the optional RS-FEC sublayer can interoperate with a 10GBASE-BR10 PHY that does not implement the optional RS-FEC or not. This seems to nean that a user won't know if one particular 10GBASE-BR10 PHY will interoperate with another 10GBASE-BR10 prive indicate if a 10GBASE-BR10 PHY will interoperate with another 10GBASE-BR10 PHY will interoperate with a 10GBASE-BR10 PHY will interoperate with another 10GBASE-BR10 PHY that does not implement the optional RS-FEC or not. This seems to mean that a user won't know if one particular 10GBASE-BR10 PHY will interoperate with another 10GBASE-BR10 prive to indicate if the optional RS-FEC sublayer can interoperate with a 10GBASE-BR10 pHY that does not implement the optional RS-FEC or not. This seems to mean that a user won't know if one particular 10GBASE-BR10 PHY will interoperate with another 10GBASE-BR10 pHY will interoperate with a 10GBASE-BR10 PHY that implements RS-FEC or not. This seems to mean that a user won't know if one particular 10GBASE-BR10 PHY will interoperate with another 10GBASE-BR10 pHY that does not implement the optional RS-F	Wienckow	ski, Natalie	General Motor	rs		Wienckow	vski, Natalie	General Moto	ors	
Change the character tag on "46" (2x), "47", "49", "51", "108" to External which will turn them green. Troposed Response Response Status O The 158 SC 158.1 P47 L32 # 210 The 158 SC 158.1 P47 L34 # 77 According to Table 158-1, Clause 108 RS—FEC is optional for both a 10GBASE-BR10 and 10GBASE-BR40 PHY. It is not clear that a 10GBASE-BR10 PHY that implements the optional RS-FEC sublayer. Since the IEEE P802.3cp nomenclature doesn't provide a way to indicate if a 10GBASE-BR10 or a 10GBASE-BR10 PHY that does not 10GBASE-BR40 PHY implements RS-FEC or not. This seems to mean that a user won't know if one particular 10GBASE-BR10 PHY will interoperate with another 10GBASE-BR10 PHY, similarly for any two 10GBASE-BR10 PHY that implements the optional RS-FEC sublayer can't interoperate with a 10GBASE-BR10 pHY that does not a 10GBASE-BR40 PHY implements RS-FEC or not. This seems to mean that a user won't know if one particular 10GBASE-BR10 PHY sublayer. Since the ava to indicate if a 10GBASE-BR10 PHY that implements the optional RS-FEC sublayer can't interoperate with a 10GBASE-BR10 pHY that does not implement the optional RS-FEC sublayer, and a way to indicate if the optional RS-FEC sublayer can't interoperate with a 10GBASE-BR10 (or 10GBASE-BR10 (or 10GBASE-BR10) PHY that does not sublayer is implemented to the IEEE P802.3cp nomenclature.		51		ided in the draft	and should be external.		51		; it isn't in this dr	aft.
C/ 158 SC 158.1 P47 L32 # 210 Law, David Hewlett Packard Enterprise Comment Type TR Comment Status X According to Table 158–1, Clause 108 RS—FEC is optional for both a 10GBASE-BR10 and 10GBASE-BR10 PHY that implements the optional RS-FEC sublayer can interoperate with a 10GBASE-BR10 PHY that implements the optional RS-FEC sublayer can interoperate with a 00GBASE-BR10 PHY to does not implement optional RS-FEC or no. This seems to mean that a user won't know if one particular 10GBASE-BR10 PHY will interoperate with another 10GBASE-BR10 or a 10GBASE-BR10 PHY. If a 10GBASE-BR40 PHY will interoperate with another 10GBASE-BR10 or a 10GBASE-BR10 PHY that does not implement optional RS-FEC sublayer. <i>LaggestedRemedy</i> If a 10GBASE-BR10 (or 10GBASE-BR40) PHY that implements the optional RS-FEC sublayer can't interoperate with a 00GBASE-BR40) PHY that idoes not implement the optional RS-FEC sublayer, add a way to indicate if the optional RS-FEC sublayer, add a way to indicate if the optional RS-FEC sublayer add a way to indicate if the optional RS-FEC sublayer, add a way to indicate if the optional RS-FEC sublayer, add a way to indicate if the optional RS-FEC sublayer, add a way to indicate if the optional RS-FEC sublayer, add a way to indicate if the optional RS-FEC sublayer add a way to indicate if the optional RS-FEC sublayer add a way to indicate if the optional RS-FEC sublayer.	Chang them o	je the character green.		1", "108" to Exte	ernal which will turn	Chan	ge the character	-	al which will turi	n it green.
21 158 SC 158.1 P47 L32 # 210 aw, David Hewlett Packard Enterprise Laubach, Mark Self comment Type TR Comment Status X Comment Status X Laubach, Mark Self According to Table 158–1, Clause 108 RS—FEC is optional for both a 10GBASE-BR10 PHY that implements the optional RS-FEC sublayer can interoperate with a 10GBASE-BR10 PHY that implements the optional RS-FEC sublayer. Since the IEEE P802.3cp nomenclature doesn't provide a way to indicate if a 10GBASE-BR10 PHY that does not implement optional RS-FEC ro not. This seems to mean that a user won't know if one particular 10GBASE-BR10 PHY will interoperate with another 10GBASE-BR10 or a 10GBASE-BR10 PHY suillinteroperate with another 10GBASE-BR10 or a 10GBASE-BR10 PHY suillinteroperate with another 10GBASE-BR10 or a 10GBASE-BR10 PHY will interoperate with another 10GBASE-BR10 pHY inplements RS-FEC or not. This seems to mean that a user won't know if one particular 10GBASE-BR40 PHYs. Comment Type Response Status O It a 10GBASE-BR10 PHY will interoperate with another 10GBASE-BR10 PHY inplements RS-FEC or not. This seems to mean that a user won't know if one particular 10GBASE-BR40 PHYs. Comment Type Response Status O Status X It a 10GBASE-BR10 PHY will interoperate with a 10GBASE-BR40 PHY set Comment Status X Comment Type Couse 108" for forest green. Proposed Response	roposed	Response	Response Status O							
aw, David Hewlett Packard Enterprise comment Type TR Comment Status X According to Table 158-1, Clause 108 RS—FEC is optional for both a 10GBASE-BR10 Comment Status X According to Table 158-1, Clause 108 RS—FEC is optional for both a 10GBASE-BR10 Comment Status X and 10GBASE-BR40 PHY. It is not clear that a 10GBASE-BR10 PHY that implements the optional RS-FEC sublayer can interoperate with a 10GBASE-BR10 PHY that does not implement the optional RS-FEC sublayer. Since the IEEE P802.3cp nomenclature doesn't know if one particular 10GBASE-BR10 or a 10GBASE-BR40 PHY does or does not implement performents RS-FEC or not. This seems to mean that a user won't know if one particular 10GBASE-BR10 PHY will interoperate with another 10GBASE-BR10 or a 10GBASE-BR10 PHY will interoperate with another 10GBASE-BR10 or a 10GBASE-BR10 PHY sill interoperate with another 10GBASE-BR10 or a 10GBASE-BR10 PHY will interoperate with another 10GBASE-BR10 or a 10GBASE-BR10 PHY will interoperate with another 10GBASE-BR10 or a 10GBASE-BR10 PHY will interoperate with a 10GBASE-BR10 or a 10GBASE-BR10 or a 10GBASE-BR10 or a 10GBASE-BR10 PHY that implements the optional RS-FEC sublayer, ad	C/ 158	SC 158.1	P 47	L32	# 210				L 34	# 77
comment Type TR Comment Status X According to Table 158–1. Clause 108 RS—FEC is optional for both a 10GBASE-BR10 and 10GBASE-BR40 PHY. It is not clear that a 10GBASE-BR10 PHY that implements the optional RS-FEC sublayer can interoperate with a 10GBASE-BR40 PHY that does not implement the optional FS-FEC sublayer. Since the IEEE P802.3cp nomenclature doesn't provide a way to indicate if a 10GBASE-BR40 PHY will interoperate with another 10GBASE-BR10 or a 10GBASE-BR40 PHY implements RS-FEC or not. This seems to mean that a user won't know if one particular 10GBASE-BR10 PHY will interoperate with another 10GBASE-BR10 or a 10GBASE-BR40 PHY. Interoperate with another 10GBASE-BR10 pHY. Similarly for any two 10GBASE-BR10 (or 10GBASE-BR40) PHY that implements the optional RS-FEC sublayer can't interoperate with a 10GBASE-BR10 (or 10GBASE-BR40) PHY that does not implement the optional RS-FEC sublayer, add a way to indicate if the optional RS-FEC sublayer is implemented to the IEEE P802.3cp nomenclature. Comment Type E Comment Status X	_aw, David	d	Hewlett Packa	ard Enterprise		,				
According to Table 158–1, Clause 108 RS—FEC is optional for both a 10GBASE-BR10 and 10GBASE-BR40 PHY. It is not clear that a 10GBASE-BR10 PHY that implements the optional RS-FEC sublayer can interoperate with a 10GBASE-BR10 PHY that does not implement the optional RS-FEC sublayer. Since the IEEE P802.3cp nomenclature doesn't provide a way to indicate if a 10GBASE-BR10 or a 10GBASE-BR40 PHY does or does not implement optional FEC, it appears that user has no way to know if a 10GBASE-BR10 or a 10GBASE-BR40 PHY implements RS-FEC or not. This seems to mean that a user won't know if one particular 10GBASE-BR10 PHY will interoperate with another 10GBASE-BR10 PHY, similarly for any two 10GBASE-BR40 PHYs. SuggestedRemedy If a 10GBASE-BR10 (or 10GBASE-BR40) PHY that implements the optional RS-FEC sublayer can't interoperate with a 10GBASE-BR10 (or 10GBASE-BR40) PHY that does not implement the optional RS-FEC sublayer, add a way to indicate if the optional RS-FEC sublayer is implemented to the IEEE P802.3cp nomenclature.	comment	Type TR	Comment Status X	•			51			
optional RS-FEC sublayer can interoperate with a 10GBASE-BR10 PHY that does not implement the optional RS-FEC sublayer. Since the IEEE P802.3cp nomenclature doesn't provide a way to indicate if a 10GBASE-BR10 or a 10GBASE-BR40 PHY does or does not implement optional FEC, it appears that user has no way to know if a 10GBASE-BR10 or a 10GBASE-BR40 PHY implements RS-FEC or not. This seems to mean that a user won't know if one particular 10GBASE-BR10 PHY will interoperate with another 10GBASE-BR10 PHY, similarly for any two 10GBASE-BR40 PHYs. SuggestedRemedy If a 10GBASE-BR10 (or 10GBASE-BR40) PHY that implements the optional RS-FEC sublayer can't interoperate with a 10GBASE-BR40) PHY that does not implement the optional RS-FEC sublayer, add a way to indicate if the optional RS-FEC sublayer is implemented to the IEEE P802.3cp nomenclature.										
implement the optional RS-FEC sublayer. Since the IEEE P802.3cp nomenclature doesn't provide a way to indicate if a 10GBASE-BR10 or a 10GBASE-BR40 PHY does or does not implement optional FEC, it appears that user has no way to know if a 10GBASE-BR10 or a 10GBASE-BR10 provide a user won't know if one particular 10GBASE-BR10 PHY will interoperate with another 10GBASE-BR10 PHY, similarly for any two 10GBASE-BR40 PHYs. <i>uggestedRemedy</i> If a 10GBASE-BR10 (or 10GBASE-BR10 (or 10GBASE-BR40) PHY that implements the optional RS-FEC sublayer can't interoperate with a 10GBASE-BR40) PHY that does not implement the optional RS-FEC sublayer, add a way to indicate if the optional RS-FEC sublayer is implemented to the IEEE P802.3cp nomenclature.								for forest areen.		
If a 10GBASE-BR10 (or 10GBASE-BR40) PHY that implements the optional RS-FEC sublayer can't interoperate with a 10GBASE-BR10 (or 10GBASE-BR40) PHY that does not implement the optional RS-FEC sublayer, add a way to indicate if the optional RS-FEC sublayer is implemented to the IEEE P802.3cp nomenclature.	implen provid implen 10GB/ know i	nent the optiona e a way to indic nent optional Fl ASE-BR40 PHY f one particular	al RS-FEC sublayer. Since the cate if a 10GBASE-BR10 or a 1 EC, it appears that user has no / implements RS-FEC or not. T 10GBASE-BR10 PHY will inter	IEEE P802.3cp 0GBASE-BR40 way to know if his seems to m	nomenclature doesn't PHY does or does not a 10GBASE-BR10 or a ean that a user won't			C C		
	lf a 10 sublay implen	GBASE-BR10 (ver can't interop nent the optiona	erate with a 10GBAŚE-BR10 (o al RS-FEC sublayer, add a way	or 10GBASE-BF to indicate if th	R40) PHY that does not					

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

C/ 158 SC 158.1

C/ 158	SC 158.1	P 47	L34	# 157	C/ 158	SC 158.1	P48	L14	# 225
Marris, Arth	hur	Cadence Des	ign Systems		Trowbridge	e, Steve	Nokia		
	ally adequate to	Comment Status X o just say "Clause 108 describe applied to 10 Gb/s PHYs"?	es an FEC for 25	Gb/s PHY, but the		t aware there is	Comment Status X an RS-FEC for 10GBASE-R F	PHYs	
Suggestedl	Remedy				Suggested	-	ve intended Clause 74 Firewire	EFC Drovido	on onnronrioto
	-	clause 108 to explain how it wo	orks with 10G PM	Ds			ct FEC type and clause reference		an appropriate
Proposed F	Response	Response Status O			Proposed	Response	Response Status O		
C/ 158	SC 158.1	P 47	L 34	# 171	C/ 158	SC 158.1.1	P47	L45	# 47
Dudek, Mik	(e	Marvell			Zimmerma	an, George	ADI, Cisco, C	ommScope, Ma	arvell, SenTekSe
Comment T	Type TR	Comment Status 🗙			Comment	Type TR	Comment Status X		
probab delay c	ppropriate edit	s to Clause108 into the docum introduction would need work 6 0G networks in Clause 44 sho	etc. Whether th	is RS FEC meets the	(see 1 PMD s xMII. PMA,	13.1.2). Howeve service interface Is the PMD serv and something i	e 113 (25GBASE-T) defines it er, this clause is only specifyin e elsewhere - as just a PMD, C vice interface meant? (otherwis needs to be partitioned to the	g a PMD subla lause 158 canr se this requirem	yer, and references a not specify a BER at the
Proposed F	Response	Response Status O			<i>Suggested</i> Chang	-	interface" to "PMD service int	erface"	
C/ 158	SC 158.1	P48	L13	# 224	Proposed	Response	Response Status O		
Trowbridge	-	Nokia			C/ 158	SC 158.1.1	P48	L1	# 268
Comment 7 Sloppy		Comment Status X ctangles for XGMII, PCS, RS-F	EC in Figure 158	-1	Dawe, Pie <i>Comment</i>		Nvidia Comment Status X		LAT
SuggestedI Fix it	Remedy				Blank	51			LAT
Proposed F	Response	Response Status O			Suggested Remo	-			
					Proposed	Response	Response Status O		

C/ 158 SC 158.1.1

	P48	L 30	# 269	C/ 158 SC 158.5	.2 P49	L 44	# 79
Dawe, Piers	Nvidia			Laubach, Mark	Self		
omment Type E Blank lines	Comment Status X		LATE	Comment Type T and line 50. The co occurences.	Comment Status X onstant "ONE" is not defined in t	this draft. There	are only these two
SuggestedRemedy Remove				SuggestedRemedy			
Proposed Response	Response Status O				pe fixed when implementing the equest and PMD_UNITDATA.in		e for
				Proposed Response	Response Status O		
C/ 158 SC 158.5.1	P 49	L37	# 64				
framer, Glen	Broadcom			CI 158 SC 158.5	.6 <i>P</i> 51	L11	# 127
comment Type E	Comment Status X			Wienckowski, Natalie	General Mot	ors	
Per IEE style manual	, the word "will" is deprecated.			Comment Type E	Comment Status X		
SuggestedRemedy				This sentence isn't	clear. What's optional, the fund	tion? Th PMD? T	The optical transmitte
	es containing "will" to use prese	nt tense at the fo	bllowing locations:	SuggestedRemedy			
P49-L37 P56-L20				Change: PMDs co	mpliant with this clause shall inc	lude the PMD_gl	lobal transmit disab
P56-L20 P56-L21 P68-L2 P86-L37				To: Change: PMD	vs the optical transmitter to be d is compliant with this clause sha nit_disable function which allow	all include the	al.
P56-L21 P68-L2 P86-L37	Response Status O			To: Change: PMD	s compliant with this clause sha	all include the	al.
P56-L21 P68-L2 P86-L37 Proposed Response		L 40	# 78	To: Change: PMD PMD_global_transr	s compliant with this clause sha nit_disable function which allow <i>Response Status</i> O	all include the	al.
P56-L21 P68-L2 P86-L37 Proposed Response		L 40	# 78	To: Change: PMD PMD_global_transr Proposed Response	s compliant with this clause sha nit_disable function which allow <i>Response Status</i> O .6 <i>P</i> 51	all include the s the optical trans	al. smitter to be disable # <u>48</u>
P56-L21 P68-L2 P86-L37 Proposed Response C/ 158 SC 158.5.2 Laubach, Mark	P49	L 40	# 78	To: Change: PMD PMD_global_transr Proposed Response Cl 158 SC 158.5	s compliant with this clause sha nit_disable function which allow <i>Response Status</i> O .6 <i>P</i> 51	all include the s the optical trans	al. smitter to be disable # <u>48</u>
P56-L21 P68-L2 P86-L37 Proposed Response C/ 158 SC 158.5.2 Laubach, Mark Comment Type T PMD_UNITDATA.req	P 49 Self <i>Comment Status</i> X juest is neither defined or refere			To: Change: PMD PMD_global_transr Proposed Response Cl 158 SC 158.5 Zimmerman, George Comment Type E It seems the font si	s compliant with this clause sha nit_disable function which allow <i>Response Status</i> O .6 <i>P</i> 51 ADI, Cisco, 0	Ill include the s the optical trans <i>L</i> 11 CommScope, Ma	al. smitter to be disable # <u>48</u>
P56-L21 P68-L2 P86-L37 Proposed Response C/ 158 SC 158.5.2 Laubach, Mark Comment Type T PMD_UNITDATA.req PMD_UNITDATA.ind	P 49 Self <i>Comment Status</i> X juest is neither defined or refere			To: Change: PMD PMD_global_transr Proposed Response Cl 158 SC 158.5 Zimmerman, George Comment Type E It seems the font si SuggestedRemedy	s compliant with this clause sha nit_disable function which allow <i>Response Status</i> O .6 <i>P</i> 51 ADI, Cisco, O <i>Comment Status</i> X ze in 158.5.6 has gotten smaller	L 11 CommScope, Ma	al. smitter to be disable # <mark>48</mark> arvell, SenTekSe
P56-L21 P68-L2 P86-L37 Proposed Response Cl 158 SC 158.5.2 Laubach, Mark Comment Type T PMD_UNITDATA.req PMD_UNITDATA.ind SuggestedRemedy	P 49 Self <i>Comment Status</i> X juest is neither defined or refere	enced in this drat	ft. Same for	To: Change: PMD PMD_global_transr Proposed Response Cl 158 SC 158.5 Zimmerman, George Comment Type E It seems the font si SuggestedRemedy	s compliant with this clause sha nit_disable function which allow <i>Response Status</i> O .6 <i>P</i> 51 ADI, Cisco, 0 <i>Comment Status</i> X	L 11 CommScope, Ma	al. smitter to be disable # <mark>48</mark> arvell, SenTekSe

C/ 158 SC 158.5.6

		•		· · ·	·			0 1			
C/ 158 SC 1	158.5.6	P 51	L11	# 73	C/ 158	SC 158	3.6	P 51	L 45	# 270	
Nicholl, Shawn		Xilinx			Dawe, Pie	ers		Nvidia			
Comment Type	ER	Comment Status X			Comment	Туре Т	•	Comment Status X			LATE
SuggestedRemed	ly .	s in this sub-clause. It looks o		urrounding sub-clauses.	differe	ent grades	of PMD.	ing about the possibilities (Also for Clause 159. The peeded, I think.			
Check the for	nt and para	graph spacing in this sub-cla	use.		Suggested	dRemedy					
Proposed Respon	ise	Response Status O			See P	802.3cu fo	r examp	oles of how to do this.			
					Proposed	Response		Response Status O			
C/ 158 SC 1	158.6	Р	L	# 187							
Stassar, Peter		Huawei			C/ 158	SC 158	3.6.1	P 52	L19	# 271	
Comment Type	TR	Comment Status X			Dawe, Pie	ers		Nvidia			
objective, also not clear what	o consideri t "+" refers	2 PMDs 40km and 40+km an ng that in Table 158-5 only o to. If the 40+km spec is tech his comment also applies to	ne 40km distar	nce is given. It is also	Comment Blank	line	I	Comment Status X			LATE
SuggestedRemed		···· · · · · · · · · · · · · · · ·			Suggested	•					
Remove one o cost. This can	of 40km/40 be done v)+km and create a single 40ł ⁄ia a single power budget wit es to 158, 159 and 160			Remo Proposed	ve Response		Response Status O			
Proposed Respon	ise	Response Status O			C/ 158	SC 158	3.6.1	P 52	L 29	# 218	
					Law, Davi	d		Hewlett Packa	ard Enterprise		
C/ 158 SC 1	158.6	Р	L	# 188	Comment	Туре Т	R	Comment Status X			
Stassar, Peter		Huawei						entre wavelength range hav			
Comment Type	ER	Comment Status X						ice versa? As an example, 20 to 1340 nm in Table 158			
		in Table 158-6, 158-7 and 15 nal point and "zero" after it.	68-8 there is a "	zero" after the decimal	as the 158–7	10GBASE (page 53,	-BRx-D line 24)	PHY Rx centre wavelength , while the 10GBASE-BRx-U	(range) of 1320 J PHY Rx centre	to 1340 nm in Tal wavelength (rang	ble
SuggestedRemed	ly				1260	to 1280 nm	in Tabl	e 158–7 (page 53, line 26).	This doesn't see	m correct.	
Remove the d	lecimal poi	int and "zero" after it for thos	e parameters w	vith integer values	Suggested	•					
Proposed Respon	ise	Response Status O			Corre	ct here, an	d for oth	er PHYs, if necessary.			
					Proposed	Response		Response Status O			

C/ 158 SC 158.6.1

CI 158 SC 158.6.1	1 P 52	L 48	# 80	C/ 158	SC 158.6.2	P 53	L 49	# 273	
Laubach, Mark	Self			Dawe, Piers	5	Nvidia			
Comment Type T Comment Status X					ype T	Comment Status X		LAT	
and line 50. The unit cells are blanks for eye mask. Same for Table 159–6 on page 71, Table 159–7 on page 72.				Extinction ratio: 3.5 dB is OK for 10GBASE-L, 3 dB for 10GBASE-E, 3 for 25GBASE-LR, 4 for 25GBASE-ER, why would 10GBASE-BR40 need 5.5 dB? Is this a typo?					
SuggestedRemedy					SuggestedRemedy				
Insert "UI" for the Ur	nit value in the table for these tw	vo rows (or other	appropriate unit value).	Reduce	to lower than	10GBASE-BR20 and 10GBA	SE-BR40+, e.g. 4	4.5 or 4 dB.	
Proposed Response	Response Status O			Proposed Response Response Status O					
C/ 158 SC 158.6.1	1 <i>P</i> 52	L 49	# 272	C/ 158	SC 158.6.3	P 54	L14	# 192	
Dawe, Piers	Nvidia			Stassar, Pe	ter	Huawei			
Comment Type T	Comment Status X		LATE	Comment T	ype TR	Comment Status X			
Definition B is preferable				It doesn't make sense to have 15 dB for 20km and 18 dB for 40km. 15 dB would rather be					
SuggestedRemedy					a channel loss for a 30km channel as in clause 114 for 25GBASE-ER. Also applies to 159 and 160				
Suggest remove the obsolete transmitter eye mask definition A				SuggestedRemedy					
Proposed Response Response Status O					Define an appropriate channel insertion loss for 20km, e.g. 11 or 12 dB, and optimize power values in Table 158-6 and Table 158-7. Also in 159 and 160				
C/ 158 SC 158.6.2	2 P 53	L 40	# 182	Proposed R	esponse	Response Status O			
Stassar, Peter	Huawei								
	Huawei Comment Status X			C/ 158	SC 158.6.3	P54	L14	# 191	
Comment Type TR In latest optical PMD	Comment Status X			C/ 158 Stassar, Pe		Р 54 Нuawei	L 14	# 191	
Comment Type TR In latest optical PMD frequency (max)" is i	Comment Status X				ter		L 14	# <u>191</u>	
Comment Type TR In latest optical PMD frequency (max)" is i implementation	Comment Status X			Stassar, Pe <i>Comment T</i> Channe	ter ype TR I insertion loss	Huawei Comment Status X numbers do not add up using	g the attenuation	coefficient and the	
Comment Type TR In latest optical PMD frequency (max)" is i implementation SuggestedRemedy	Comment Status X D specifications no longer "Rec included because it cannot be n	neasured at TP3	and is part of the	Stassar, Pe Comment T Channe allocatio	ter ype TR I insertion loss on for connecto	Huawei Comment Status X numbers do not add up using or and splice loss of 2 dB. Thi	g the attenuation s comment is rel	coefficient and the ated to another	
Comment Type TR In latest optical PMD frequency (max)" is in implementation SuggestedRemedy Remove row for "Remove row for "Re	Comment Status X D specifications no longer "Reco included because it cannot be n eceive electrical 3 dB upper cuto	neasured at TP3	and is part of the	Stassar, Pe Comment T Channe allocatio comme	ter ype TR I insertion loss on for connecto nt requesting a	Huawei Comment Status X numbers do not add up using	g the attenuation s comment is rel sient. Compare v	coefficient and the ated to another vith other recent optical	
Comment Type TR In latest optical PMD frequency (max)" is in implementation SuggestedRemedy Remove row for "Remove row for "Re	Comment Status X D specifications no longer "Rec included because it cannot be n	neasured at TP3	and is part of the	Stassar, Pe Comment T Channe allocatio comme	ter ype TR I insertion loss on for connector nt requesting a nd make numb	Huawei Comment Status X numbers do not add up using or and splice loss of 2 dB. Thi a change in attenuation coeffic	g the attenuation s comment is rel sient. Compare v	coefficient and the ated to another vith other recent optical	
In latest optical PMD frequency (max)" is i implementation SuggestedRemedy	Comment Status X D specifications no longer "Reco included because it cannot be n eceive electrical 3 dB upper cuto	neasured at TP3	and is part of the	Stassar, Pe Comment T Channe allocatio comme PMDs a SuggestedF	ter ype TR I insertion loss on for connector ont requesting a nd make number Remedy	Huawei Comment Status X numbers do not add up using or and splice loss of 2 dB. Thi a change in attenuation coeffic	g the attenuation s comment is rel cient. Compare v ses 158, 159 and	coefficient and the ated to another vith other recent optical d 160.	

C/ 158 SC 158.6.3

Change loss to 0.5 dB/km consistent with other recent PMDs like P802.3cu in 158 and 159 and with clause 160 Dawe, Piers Nvidia Proposed Response Response Status O T Comment Status X C/ 158 SC 158.6.3 P54 L22 # 189 Image: Topological measurement requirements in this was incorrect; 802.3 is not a test spec, the measure not required, only the compliance is. So Clause 68 and later optical PMD clause of the compliance is. So	L21 # 81 C/ 158 SC 158.8 P37 L50	# 277
Suggest a cross reference for table footnote c. Suggest a cross reference for table footnote c. SuggestedRemedy Add a cross reference to CL158.11.1 Proposed Response Response Status O Cl 158 SC 158.6.3 P 54 L22 # 190 Stassar, Peter Huawei Comment Type TR Comment Status X An attenuation of 0.4 dB/km is used, 0.43 dB/km in Table 159-8 and 0.5 dB/km to make the specifications consistent. Now they are all different. Applies similarly to 159 and 160 SuggestedRemedy Ch 158 SC 158.6.3 P 54 L22 # 190 BR40 min(3(almbda), 0) BR40 min(3(almbda), 0) SuggestedRemedy Na Cl 158 SC 158.6.3 P 54 L22 # 190 SuggestedRemedy Change loss to 0.5 dB/km consistent with other recent PMDs like P802.3cu in 158 and 159 and 160 SuggestedRemedy Change loss to 0.5 dB/km consistent with other recent PMDs like P802.3cu in 158 and 159 and with clause 160 Proposed Response Response Status O Cl 158 SC 158.6.3 P 54 L22 # 189 Stassar, Peter Huawei L22 # 189	Dawe, Piers Nvidia	
SuggestedRemedy Add a cross reference to CL158.11.1 Proposed Response Response Status O C/ 158 SC 158.6.3 P54 L22 # 190 Stassar, Peter Huawei Huawei Max BR10 min(f1(lambda), 0) max(f2(lambda), 0) Comment Type TR Comment Tstatus X An attenuation of 0.4 dB/km is used, 0.43 dB/km in Table 159-8 and 0.5 dB/km in Table 160-6. Use a single value for all 3 clauses, preferably 0.5 dB/km to make the specifications consistent. Now they are all different. Applies similarly to 159 and 160 SuggestedRemedy C/ 158 SC 158.6.3 P54 L22 # 189 C/ 158 SC 158.6.3 P54 L22 # 189 Dawe, Piers Nvidia C/ 158 SC 158.6.3 P54 L22 # 189 To manuf Status X "Optical measurement requirements" this was copied from Clause 38 to 52 them later it was decided that this was incorrect; 802.3 is not a test spec, the measure not required, only the compliance is. So Clause 68 and later optical PMD clause different wording. SuggestedRemedy Comment Type TR Comment Status X "Optical measurement requirements" this was copied from Clause 38 to 52 them later it was decided that this was incorrect; 802.3 is not a test spec, the measure not required, only the compliance is. So C		L
SuggestedRemedy Add a cross reference to CL158.11.1 Proposed Response Response Status O		
Cl 158 SC 158.6.3 P54 L22 # 190 Stassar, Peter Huawei Comment Type TR Comment Status X An attenuation of 0.4 dB/km is used, 0.43 dB/km in Table 159-8 and 0.5 dB/km to make the specifications consistent. Now they are all different. Applies similarly to 159 and 160 StaggestedRemedy Change loss to 0.5 dB/km consistent with other recent PMDs like P802.3cu in 158 and 159 and with clause 160 C/ 158 SC 158.6.3 P54 L33 # 27 Proposed Response Response Status O C/ 158 SC 158.6.3 P54 L22 # 189 Stassar, Peter Huawei Stassar, Peter Huawei Stassar, Peter Nidia Comment Type TR Comment Status X "Optical measurement requirements" this was incorrect; 802.3 is not a test spec, the measure not required, only the compliance is. So Clause 68 and later optical PMD clause different wording. Stassar, Peter Huawei SuggestedRemedy So Clause 68 and later optical PMD clause different wording. Stassar, Peter Huawei So Clause 18 and 129 and 189 and 190 and required, only the compliance is. So Clause 68 and later optical PMD clause different wording. SuggestedRemedy Comment Type TR Comment Status X Reference is made to Table 52-11	know that. All we know is that the 10GBASE-BRx-U signal is always at a	
Cl 158 SC 158.6.3 P54 L 22 # 190 Stassar, Peter Huawei Comment Type TR Comment Status X An atternuation of 0.4 dB/km is used, 0.43 dB/km in Table 159-8 and 0.5 dB/km to make the specifications consistent. Now they are all different. Applies similarly to 159 and 160 SuggestedRemedy Change loss to 0.5 dB/km consistent with other recent PMDs like P802.3cu in 158 and 159 and with clause 160 Proposed Response Response Status O Proposed Response Response Status O Cl 158 SC 158.6.3 P54 L 22 # 189 Stassar, Peter Huawei Stassar, Peter Huawei Stassar, Peter Stassar, Peter Nuidia Comment Type TR Comment Status X "Optical measurement requirements" this was copied from Clause 38 to 52 then later it was decided that this was incorrect; 802.3 is not a test spec, the measure not required, only the compliance is. So Clause 68 and later optical PMD clause different wording. Stassar, Peter Huawei SuggestedRemedy SuggestedRemedy So Clause 68 and later optical PMD clause different wording. Stassar, Peter Huawei Comment Type TR Comment Status X "Optical measurement requirements" this was copied from Clause 38 to 52 then later it was decided that this was incorrect; 802.3 is not a test spec, the measure	SuggestedRemedy	
Cl 158 SC 158.6.3 P 54 L 22 # 190 Stassar, Peter Huawei Comment Type TR Comment Status X An attenuation of 0.4 dB/km is used, 0.43 dB/km in Table 159-8 and 0.5 dB/km to make the specifications consistent. Now they are all different. Applies similarly to 159 and 160 BR10 min(f3(lambda), 0) max(f4(lambda), 0) SuggestedRemedy Change loss to 0.5 dB/km consistent with other recent PMDs like P802.3cu in 158 and 159 and with clause 160 Proposed Response Response Status O Proposed Response Response Status O Cl 158 SC 158.6.3 P 54 L 22 # 189 Stassar, Peter Huawei To minent Status X "Optical measurement requirements" this was incorrect; 802.3 is not a test spec, the measure not required, only the compliance is. So Clause 68 and later optical PMD clause different wording. Stassar, Peter Huawei SuggestedRemedy SuggestedRemedy SuggestedRemedy SuggestedRemedy Comment Type TR Comment Status X "Optical measurement requirements" this was incorrect; 802.3 is not a test spec, the measure not required, only the compliance is. So Clause 68 and later optical PMD clause different wording. Cl 158 SC 158.6.3 P 54 L 22 # 189 Stassar, Peter Huawei		
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160-6. Use a single value for all 3 clauses, preferably 0.5 dB/km to make the specifications consistent. Now they are all different. Applies similarly to 159 and 160 Interpreter Number of Nu		
and with clause 160 Proposed Response Response Status O Cl 158 SC 158.6.3 P54 L22 # 189 Stassar, Peter Huawei Comment Type TR Comment Status X Reference is made to Table 52-11 and cross reference is missing. Change to Table 158-5	C/ 158 SC 158.8 P54 L33	# 274
and with clause 160 Proposed Response Response Status O Cl 158 SC 158.6.3 P54 L22 # 189 Stassar, Peter Huawei Comment Type TR Comment Status X Reference is made to Table 52-11 and cross reference is missing. Change to Table 158-5 Reference is made to Table 52-11 and cross reference is missing. Change to Table 158-5		# 274
Proposed Response Response Status O "Optical measurement requirements" this was copied from Clause 38 to 52 then later it was decided that this was incorrect; 802.3 is not a test spec, the measurement required, only the compliance is. So Clause 68 and later optical PMD clause C/ 158 SC 158.6.3 P 54 L 22 # 189 Stassar, Peter Huawei Muawei SuggestedRemedy Comment Type TR Comment Status X Reference is made to Table 52-11 and cross reference is missing. Change to Table 158-5 Table 158-5 SuggestedRemedy	Dawo, Flore Hvidia	
C/ 158 SC 158.6.3 P 54 L 22 # 189 different wording. Stassar, Peter Huawei SuggestedRemedy SuggestedRemedy Change to: Change to: Comment Type TR Comment Status X Change to: Definition of optical parameters and measurement methods		,
Comment Type TR Comment Status X Change to Table 158-5 Change to: Reference is made to Table 52-11 and cross reference is missing. Change to Table 158-5	"Optical measurement requirements" this was copied from Clause 38 to 5 later it was decided that this was incorrect; 802.3 is not a test spec, the m	measurements a
Reference is made to Table 52-11 and cross reference is missing. Change to Table 158-5 Definition of optical parameters and measurement methods	"Optical measurement requirements" this was copied from Clause 38 to 5 later it was decided that this was incorrect; 802.3 is not a test spec, the m not required, only the compliance is. So Clause 68 and later optical PMD	52 then 58-60 bi measurements a
	L22#189	52 then 58-60 bi measurements a
with cross reference Proposed Response Response Status O	L22 # 189 "Optical measurement requirements" this was copied from Clause 38 to 5 later it was decided that this was incorrect; 802.3 is not a test spec, the m not required, only the compliance is. So Clause 68 and later optical PMD different wording. SuggestedRemedy Change to:	52 then 58-60 bi measurements a
	L22 # 189 s missing. Change to Table 158-5 "Optical measurement requirements" this was copied from Clause 38 to 5 later it was decided that this was incorrect; 802.3 is not a test spec, the m not required, only the compliance is. So Clause 68 and later optical PMD different wording. SuggestedRemedy Change to: Definition of optical parameters and measurement methods	52 then 58-60 bi measurements a
SuggestedRemedy	L22 # 189 s missing. Change to Table 158-5 "Optical measurement requirements" this was copied from Clause 38 to 5 later it was decided that this was incorrect; 802.3 is not a test spec, the m not required, only the compliance is. So Clause 68 and later optical PMD different wording. SuggestedRemedy Change to: Definition of optical parameters and measurement methods	52 then 58-60 bi measurements a
Change to Table 158-5 with cross reference	L22 # 189 s missing. Change to Table 158-5 "Optical measurement requirements" this was copied from Clause 38 to 5 later it was decided that this was incorrect; 802.3 is not a test spec, the m not required, only the compliance is. So Clause 68 and later optical PMD different wording. SuggestedRemedy Change to: Definition of optical parameters and measurement methods	52 then 58-60 bi measurements a
Proposed Response Response Status O	L22 # 189 s missing. Change to Table 158-5 "Optical measurement requirements" this was copied from Clause 38 to 5 later it was decided that this was incorrect; 802.3 is not a test spec, the m not required, only the compliance is. So Clause 68 and later optical PMD different wording. SuggestedRemedy Change to: Definition of optical parameters and measurement methods	52 then 58-60 bi measurements a

C/ 158 SC 158.8

C/ 158 SC 158.8	P 54	L37	# 275	C/ 158	SC 158.8	P 54	L 49	# 179
Dawe, Piers	Nvidia			Stassar, Pete	r	Huawei		
Comment Type T	Comment Status X		LATE	Comment Typ	e TR	Comment Status X		
	sn't suitable wording, as there ing based on what has been u					on provides too high values fo Applies also to 160.7	or current latest C	G.652 fibers. Value c
uggestedRemedy				SuggestedRe	medy			
	sitivity shall be within the limits	0		Change 0	.465 to 0.46.	In Clauses 158 and 160		
	ned by 52.9.9, with the additio reflectance of the optical link a			Proposed Res	sponse	Response Status O		
Proposed Response	Response Status O			C/ 158	SC 158.8	P 54	L51	# 180
	054	1.00	# 070	Stassar, Pete		Huawei	201	" 100
C/ 158 SC 158.8	P 54	L38	# 276	Comment Typ		Comment Status X		
Dawe, Piers	Nvidia			The disne	rsion equatio	on provides too high values fo	r current latest (- 652 fibers Value (
,	Comment Status X		LATE			on provides too high values fo Plus the negative dispersion is		
Comment Type T		gnal and shoul		0.93 shou	ild be 0.92. F	Plus the negative dispersion is	not zero but sin	nilar equation as for
Comment Type T	Comment Status X	gnal and shoul		0.93 shou minimum	lld be 0.92. F dispersion fo		not zero but sin	nilar equation as for
Comment Type T What does "condition levels" mean?	Comment Status X	gnal and shoul		0.93 shou minimum SuggestedRe	Ild be 0.92. F dispersion fo medy	Plus the negative dispersion is or 20km but with 0.92 as a co	s not zero but sin efficient, Applies	nilar equation as for also to 160.7
Comment Type T What does "condition levels" mean? SuggestedRemedy	Comment Status X	-	ld be at their maximum	0.93 shou minimum SuggestedRei Change 0	ld be 0.92. F dispersion fo <i>medy</i> .93 to 0.92, _I	Plus the negative dispersion is or 20km but with 0.92 as a co plus add equation for minimur	s not zero but sin efficient, Applies	nilar equation as for also to 160.7
Comment Type T What does "condition levels" mean? SuggestedRemedy Should this say that th	Comment Status X that the transmitted optical sig the transmitter reflectance shou	-	ld be at their maximum	0.93 shou minimum SuggestedRe	ld be 0.92. F dispersion fo <i>medy</i> .93 to 0.92, _I	Plus the negative dispersion is or 20km but with 0.92 as a co	s not zero but sin efficient, Applies	nilar equation as for also to 160.7
Comment Type T What does "condition levels" mean? SuggestedRemedy Should this say that th	Comment Status X that the transmitted optical sig	-	ld be at their maximum	0.93 shou minimum SuggestedRei Change 0	ld be 0.92. F dispersion fo <i>medy</i> .93 to 0.92, _I	Plus the negative dispersion is or 20km but with 0.92 as a co plus add equation for minimur	s not zero but sin efficient, Applies	nilar equation as for also to 160.7
Comment Type T What does "condition levels" mean? SuggestedRemedy Should this say that th Proposed Response	Comment Status X that the transmitted optical sig the transmitter reflectance shou Response Status O	uld be at maximu	ld be at their maximum	0.93 shou minimum SuggestedRed Change 0 Proposed Res	ld be 0.92. F dispersion fo <i>medy</i> .93 to 0.92, _I	Plus the negative dispersion is or 20km but with 0.92 as a co plus add equation for minimur	s not zero but sin efficient, Applies	nilar equation as for also to 160.7
Comment Type T What does "condition levels" mean? SuggestedRemedy Should this say that th Proposed Response	Comment Status X that the transmitted optical signed the transmitter reflectance should Response Status O P54	-	ld be at their maximum	0.93 shou minimum SuggestedRed Change 0 Proposed Res	Id be 0.92. F dispersion fo medy .93 to 0.92, j sponse SC 158.9	Plus the negative dispersion is or 20km but with 0.92 as a co- plus add equation for minimur <i>Response Status</i> O	not zero but sin efficient, Applies n dispersion. In	nilar equation as for also to 160.7 Clauses 158 and 16
Comment Type T What does "condition levels" mean? SuggestedRemedy Should this say that th Proposed Response CI 158 SC 158.8 Stassar, Peter	Comment Status X that the transmitted optical sig the transmitter reflectance shou Response Status O P54 Huawei	uld be at maximu	ld be at their maximum	0.93 shou minimum SuggestedRei Change 0 Proposed Res Cl 158	Id be 0.92. F dispersion fo medy .93 to 0.92, p sponse SC 158.9 r	Plus the negative dispersion is or 20km but with 0.92 as a co- plus add equation for minimur <i>Response Status</i> O <i>P</i> 55	not zero but sin efficient, Applies n dispersion. In	nilar equation as for also to 160.7 Clauses 158 and 16
Comment Type T What does "condition levels" mean? SuggestedRemedy Should this say that th Proposed Response Cl 158 SC 158.8 Stassar, Peter Comment Type TR	Comment Status X that the transmitted optical sig the transmitter reflectance shou Response Status O P54 Huawei Comment Status X	uld be at maximu	Id be at their maximum um? # <u>178</u>	0.93 shou minimum SuggestedRei Change 0 Proposed Res C/ 158 Stassar, Pete Comment Typ	IId be 0.92. F dispersion fo medy .93 to 0.92, p sponse SC 158.9 r r the TR	Plus the negative dispersion is or 20km but with 0.92 as a co- plus add equation for minimur <i>Response Status</i> O <i>P</i> 55 Huawei	s not zero but sin efficient, Applies m dispersion. In <i>L</i> 6	nilar equation as for also to 160.7 Clauses 158 and 16 # <u>184</u>
Comment Type T What does "condition levels" mean? SuggestedRemedy Should this say that the Proposed Response Cl 158 SC 158.8 Stassar, Peter Comment Type TR The dispersion equation	Comment Status X that the transmitted optical sig the transmitter reflectance shou Response Status O P54 Huawei Comment Status X on provides too high values fo	uld be at maximu	Id be at their maximum um? # <u>178</u>	0.93 shou minimum SuggestedRed Change 0 Proposed Res Cl 158 Stassar, Pete Comment Typ Safety red	IId be 0.92. F dispersion fo medy .93 to 0.92, p sponse SC 158.9 r r the TR	Plus the negative dispersion is or 20km but with 0.92 as a co- plus add equation for minimur <i>Response Status</i> O <i>P</i> 55 Huawei <i>Comment Status</i> X ave recently been changed. F	s not zero but sin efficient, Applies m dispersion. In <i>L</i> 6	nilar equation as for also to 160.7 Clauses 158 and 16 # <u>184</u>
Comment Type T What does "condition levels" mean? SuggestedRemedy Should this say that the Proposed Response Cl 158 SC 158.8 Stassar, Peter Comment Type TR The dispersion equation 0.2325 should be 0.23	Comment Status X that the transmitted optical sig the transmitter reflectance shou Response Status O P54 Huawei Comment Status X	uld be at maximu	Id be at their maximum um? # <u>178</u>	0.93 shou minimum SuggestedRed Change 0 Proposed Res Cl 158 Stassar, Pete Comment Typ Safety red	IId be 0.92. F dispersion for medy .93 to 0.92, p sponse SC 158.9 r c e TR quirements h es to 159 an	Plus the negative dispersion is or 20km but with 0.92 as a co- plus add equation for minimur <i>Response Status</i> O <i>P</i> 55 Huawei <i>Comment Status</i> X ave recently been changed. F	s not zero but sin efficient, Applies m dispersion. In <i>L</i> 6	nilar equation as for also to 160.7 Clauses 158 and 16 # <u>184</u>
Comment Type T What does "condition levels" mean? SuggestedRemedy Should this say that the Proposed Response Cl 158 SC 158.8 Stassar, Peter Comment Type TR The dispersion equation 0.2325 should be 0.23 SuggestedRemedy	Comment Status X that the transmitted optical signed that the transmitter reflectance show Response Status O P54 Huawei Comment Status X on provides too high values fo 3. Applies also to 160.7	uld be at maximu	Id be at their maximum um? # <u>178</u>	0.93 shou minimum SuggestedRed Change 0 Proposed Res Cl 158 Stassar, Pete Comment Typ Safety rec Also appli SuggestedRed	IId be 0.92. F dispersion for medy .93 to 0.92, j sponse SC 158.9 r pe TR quirements h les to 159 an medy	Plus the negative dispersion is or 20km but with 0.92 as a co- plus add equation for minimur <i>Response Status</i> O <i>P</i> 55 Huawei <i>Comment Status</i> X ave recently been changed. F	s not zero but sin efficient, Applies m dispersion. In <i>L</i> 6 Please refer to Pa	nilar equation as for also to 160.7 Clauses 158 and 16 # <u>184</u> 802.3cu requiremen
What does "condition levels" mean? SuggestedRemedy Should this say that th Proposed Response Cl 158 SC 158.8 Stassar, Peter Comment Type TR The dispersion equation 0.2325 should be 0.23 SuggestedRemedy	Comment Status X that the transmitted optical sig the transmitter reflectance shou Response Status O P54 Huawei Comment Status X on provides too high values fo	uld be at maximu	Id be at their maximum um? # <u>178</u>	0.93 shou minimum SuggestedRed Change 0 Proposed Res Cl 158 Stassar, Pete Comment Typ Safety rec Also appli SuggestedRed	IId be 0.92. F dispersion for medy .93 to 0.92, p sponse SC 158.9 r se TR quirements h les to 159 an medy tt safety requ	Plus the negative dispersion is or 20km but with 0.92 as a co- plus add equation for minimur <i>Response Status</i> O <i>P</i> 55 Huawei <i>Comment Status</i> X ave recently been changed. F id 160	s not zero but sin efficient, Applies m dispersion. In <i>L</i> 6 Please refer to Pa	nilar equation as for also to 160.7 Clauses 158 and 16 # <u>184</u> 802.3cu requiremen

C/ 158 SC 158.9

C/ 158 SC 158.9	P55	L 6	# 94	C/ 158	SC 15	8.10	P 56	L 7	# 217
Grow, Robert	RMG Consul	ting		Law, Davi	d		Hewlett Packa	ard Enterprise	
maintaining the docu types, it could be arg reference 10BASE-B SuggestedRemedy A general safety sub the relevant subclaus relevant subclause.	slause should copy P802.3cr 5 es of the latest revision or amo sired, the port type lists in Cla	s of 52.10 speci not apply becaus 2.10.1, and the endment that ch	fically reference port se clause 52 does not other clauses can copy anges the text of the	chara BR20 excee For th confor 10GB, in exc Suggested Please 10GB,	berating d cteristics ¹ i PHY that ds the 20 e same re mant 10G ASE-BR40 ess of 40 <i>IRemedy</i> e clarify w ASE-BR40 and the 40	s really can ope km ope ason a BASE-I) PHY a km. hat the)+ PHY GBASE	Comment Status X (max) specified in Table 158 a 'minimum operating distan rate at 25 km is a conforman rating distance (max) specifie 10GBASE-BR40 PHY that ca 3R40 PHY. It is therefore not ind a 10GBASE-BR40+ PHY reach difference is between a as well as for the 25GBASE -BR40 PHY and a 40GBASE Response Status 0	nce (max)', for of nt 10GBASE-B ed in Table 156 an operate in e t clear what the ' as it is confor a 10GBASE-BI E-BR40 PHY a	example a 10GBASE- BR20 PHY even though it 8–10 for that PHY type. excess of 40 km is a e difference is between a mant for both to operate R40 PHY and a nd a 25GBASE-BR40+
characteristics' seem seem to be correct. SuggestedRemedy	P56 Hewlett Pack Comment Status X rating the top two rows of Tabl to exclude the fibre type and o r separating the top two rows o Response Status O	wavelength rows	s for 40+ which doesn't	disper likely t applic	<i>Type</i> ence is ma sion numb o provide able value . Also app	TR ade to T bers the too opti s at ext	P56 Huawei Comment Status X able 158-9 so that the reade mselves. Chromatic dispersi mistic estimates for worst ca reme wavelengths need to b 59 and 160	on values at no ase TDP (or TD	ominal wavelengths are DECQ in 160). The
roposcu nosponse				00		lispersio	on numbers at extreme wave	lengths for eac	ch PMD. e.g. as in

Add chromatic dispersion numbers at extreme wavelengths for each PMD, e.g. as in Clause 114, Table 114-11 for 25GBASE-LR/ER and use similar Table formatting as for Clause 114.

Proposed Response Res

Response Status O

C/ 158 SC 158.10

C/ 158 SC 158.10	P 56	L25	# 278	C/ 158 SC 158.12	P 58	L 1	# 280
Dawe, Piers	Nvidia			Dawe, Piers	Nvidia		
Comment Type E Blank line	Comment Status X		LATE		Comment Status X orter than past clauses, which	is an improveme	LA7 ent. However, "for 158"
SuggestedRemedy Remove				is too abrupt. SuggestedRemedy			
Proposed Response	Response Status O			Protocol implementa	of the cross-reference to 158 s ation conformance statement (PICS) proforma f	for Clause 158
C/ 158 SC 158.11.1	P 56	L33	# 194	Medium Dependent	ation conformance statement ((PMD) sublayer and medium,	types 10GBASE	-BR10, 10GBASE-
Stassar, Peter	Huawei				R40, and 10GBASE-BR?? Si	milarly for 159.11	and 160.11.
Comment Type TR	Comment Status X			Proposed Response	Response Status O		
For recent optical PMD Also applies to 159.10	s, reference is made to ITU-7 and 160.10	G.652 or G.657	′ fibers as in P802.3cu.			1 40	
Also applies to 159.10		「G.652 or G.657	/ fibers as in P802.3cu.	C/ 158 SC 158.12		L 40	# 54
Also applies to 159.10 SuggestedRemedy Change to fiber types ir requirements are satisfi G.652.D (low water pea		151.11.1 "The o T G.652.B (disp /pe G.657.A1, or	ptical fiber cable ersion unshifted), type	Lewis, Jon Comment Type E Date is shown speci	2.2.2 P 58 Dell EMC <i>Comment Status</i> X ifically and should be 202x as t		
Also applies to 159.10 a SuggestedRemedy Change to fiber types ir requirements are satisfi G.652.D (low water pea	and 160.10 n P802.3cu, D2.2, Subclause ied by cables containing ITU- ik, dispersion unshifted), or ty	151.11.1 "The o T G.652.B (disp /pe G.657.A1, or	ptical fiber cable ersion unshifted), type	Lewis, Jon Comment Type E Date is shown speci SuggestedRemedy	Dell EMC Comment Status X	the draft isn't pub	
Also applies to 159.10 a SuggestedRemedy Change to fiber types ir requirements are satisfi G.652.D (low water pea insensitive) fibers" or Proposed Response	and 160.10 n P802.3cu, D2.2, Subclause ied by cables containing ITU- ik, dispersion unshifted), or ty similar. In 158, 159 and 160	151.11.1 "The o T G.652.B (disp ype G.657.A1, or	ptical fiber cable ersion unshifted), type type G.657.A2 (bend	Lewis, Jon Comment Type E Date is shown speci SuggestedRemedy	Dell EMC <i>Comment Status</i> X ifically and should be 202x as t	the draft isn't pub	
Also applies to 159.10 a SuggestedRemedy Change to fiber types ir requirements are satisfi G.652.D (low water pea insensitive) fibers" or Proposed Response	and 160.10 n P802.3cu, D2.2, Subclause ied by cables containing ITU- ik, dispersion unshifted), or ty similar. In 158, 159 and 160	151.11.1 "The o T G.652.B (disp /pe G.657.A1, or	ptical fiber cable ersion unshifted), type	Lewis, Jon Comment Type E Date is shown speci SuggestedRemedy Change "IEEE Std 8	Dell EMC <i>Comment Status</i> X fically and should be 202x as t	the draft isn't pub	
Also applies to 159.10 a SuggestedRemedy Change to fiber types ir requirements are satisfi G.652.D (low water pea insensitive) fibers" or Proposed Response C/ 158 SC 158.11.1 Dawe, Piers	and 160.10 n P802.3cu, D2.2, Subclause ied by cables containing ITU- ik, dispersion unshifted), or ty similar. In 158, 159 and 160 <i>Response Status</i> O	151.11.1 "The o T G.652.B (disp ype G.657.A1, or	ptical fiber cable ersion unshifted), type type G.657.A2 (bend # <u>279</u>	Lewis, Jon Comment Type E Date is shown speci SuggestedRemedy Change "IEEE Std 8	Dell EMC <i>Comment Status</i> X fically and should be 202x as t 302.3cp-2020" to "IEEE Std 80 <i>Response Status</i> O	the draft isn't pub	
Also applies to 159.10 a SuggestedRemedy Change to fiber types ir requirements are satisfi G.652.D (low water pea insensitive) fibers" or Proposed Response CI 158 SC 158.11.1 Dawe, Piers Comment Type T	and 160.10 n P802.3cu, D2.2, Subclause ied by cables containing ITU- ik, dispersion unshifted), or ty similar. In 158, 159 and 160 <i>Response Status</i> O <i>P</i> 56 Nvidia <i>Comment Status</i> X	151.11.1 "The o T G.652.B (disp ype G.657.A1, or	ptical fiber cable ersion unshifted), type type G.657.A2 (bend	Lewis, Jon Comment Type E Date is shown spect SuggestedRemedy Change "IEEE Std & Proposed Response	Dell EMC <i>Comment Status</i> X fically and should be 202x as t 302.3cp-2020" to "IEEE Std 80 <i>Response Status</i> O	the draft isn't pub 2.3cp-202x"	lished
Also applies to 159.10 a SuggestedRemedy Change to fiber types ir requirements are satisfi G.652.D (low water pea insensitive) fibers" or Proposed Response C/ 158 SC 158.11.1 Dawe, Piers	and 160.10 n P802.3cu, D2.2, Subclause ied by cables containing ITU- ik, dispersion unshifted), or ty similar. In 158, 159 and 160 <i>Response Status</i> O <i>P</i> 56 Nvidia <i>Comment Status</i> X	151.11.1 "The o T G.652.B (disp ype G.657.A1, or	ptical fiber cable ersion unshifted), type type G.657.A2 (bend # <u>279</u>	Lewis, Jon <i>Comment Type</i> E Date is shown speci <i>SuggestedRemedy</i> Change "IEEE Std & <i>Proposed Response</i> <i>Cl</i> 158 <i>SC</i> 158.12 Hajduczenia, Marek	Dell EMC Comment Status X ifically and should be 202x as t 302.3cp-2020" to "IEEE Std 80 Response Status O 2.4.3 P61	the draft isn't pub 2.3cp-202x"	lished
Also applies to 159.10 a SuggestedRemedy Change to fiber types ir requirements are satisfi G.652.D (low water pea- insensitive) fibers" or Proposed Response Cl 158 SC 158.11.1 Dawe, Piers Comment Type T This NOTE was written SuggestedRemedy	and 160.10 n P802.3cu, D2.2, Subclause ied by cables containing ITU- ik, dispersion unshifted), or ty similar. In 158, 159 and 160 <i>Response Status</i> O <i>P</i> 56 <i>Nvidia</i> <i>Comment Status</i> X for a 1550 nm PMD.	151.11.1 "The o T G.652.B (disp ype G.657.A1, or	ptical fiber cable ersion unshifted), type type G.657.A2 (bend # <u>279</u>	Lewis, Jon <i>Comment Type</i> E Date is shown speci <i>SuggestedRemedy</i> Change "IEEE Std & <i>Proposed Response</i> <i>CI</i> 158 SC 158.12 Hajduczenia, Marek <i>Comment Type</i> ER	Dell EMC Comment Status X ifically and should be 202x as t 302.3cp-2020" to "IEEE Std 80 Response Status O 2.4.3 P61 Charter	the draft isn't pub 2.3cp-202x"	lished
Also applies to 159.10 a SuggestedRemedy Change to fiber types ir requirements are satisfi G.652.D (low water pea- insensitive) fibers" or Proposed Response CI 158 SC 158.11.1 Dawe, Piers Comment Type T This NOTE was written SuggestedRemedy	and 160.10 n P802.3cu, D2.2, Subclause ied by cables containing ITU- ik, dispersion unshifted), or ty similar. In 158, 159 and 160 <i>Response Status</i> O <i>P</i> 56 Nvidia <i>Comment Status</i> X	151.11.1 "The o T G.652.B (disp ype G.657.A1, or	ptical fiber cable ersion unshifted), type type G.657.A2 (bend # <u>279</u>	Lewis, Jon <i>Comment Type</i> E Date is shown speci <i>SuggestedRemedy</i> Change "IEEE Std & <i>Proposed Response</i> <i>Cl</i> 158 SC 158.12 Hajduczenia, Marek <i>Comment Type</i> ER Empty subclause or <i>SuggestedRemedy</i> Fix the table placem	Dell EMC Comment Status X ifically and should be 202x as t 302.3cp-2020" to "IEEE Std 80 Response Status O 2.4.3 P61 Charter Comment Status X table anchor was moved?	the draft isn't pub 2.3cp-202x"	lished

C/ 158 SC 158.12.4.3

	4.3 <i>P</i> 61	L19	# 82	C/ 158 SC 158.12.4.7 P62 L32	# 39
_aubach, Mark	Self	L 13	π 02	Hajduczenia, Marek Charter	# <u>35</u>
Comment Type E	Comment Status X			Comment Type E Comment Status X	
21	empty. Same for 158.12.4.5 c	n the next page	And same for	Text format in 158.12.4.7 table is incosistent with the rest of PICS table	es
<i>SuggestedRemedy</i> Adiust framemaker to	have the tables flow properly	with the heading	s.	SuggestedRemedy Align the formatting	
Proposed Response	Response Status O			Proposed Response Response Status O	
/ 158 SC 158.12.4	1.3 <i>P</i> 61	L 21	# 55	C/ 158 SC 158.12.4.8 P63 L3	# 57
		L21	# 55	Lewis, Jon Dell EMC	
ewis, Jon	Dell EMC			Comment Type E Comment Status X	
<i>comment Type</i> E Headings are listed wi 158.12.4.4	Comment Status X ith the tables out of order. Tak	le with BR101 s	hould be before	Headings are listed with the tables out of order. Table with ES1 should 158.12.4.9	be before
uggestedRemedy				SuggestedRemedy	
	01 above the heading line for 1	58 12 4 4		Move Table with ES1 above the heading line for 158.12.4.9	
Proposed Response	Response Status O			Proposed Response Response Status O	
/ 158 SC 158.12.4	1.5 <i>P</i> 62	L 3	# 56	C/ 158 SC 158.12.4.8 P63 L8	# 58
ewis. Jon	Dell EMC	20		Lewis, Jon Dell EMC	
, -				Comment Type TR Comment Status X	
comment Type E	Comment Status X		hould be before	Clause 52 is currently part of P802.3cr. The referenced text needs to a	align with P802.3c
Headings are listed wi	ith the tables out of order. Tak	bie with BR401 s	nouia de deidre	SuggestedRemedy	
uggestedRemedy	01 above the heading line for 1	58 12 / 6		Change the Value/Comment field to "Conforms with J.2" where J.2 is g cross reference.	reen for external
Proposed Response	Response Status O	50.12.4.0		Proposed Response Response Status O	

C/ 158 SC 158.12.4.8

C/ 158 SC 158.1	12.4.9 P63	L 8	# 95	C/ 159 SC 5.4	P 69	L 9	# 1
Grow, Robert	RMG Con	sulting		DeAndrea, John	Finisar/ /II-VI		
Comment Type TR	Comment Status X			Comment Type E	Comment Status X		
In E1 through E4, the second sec	the subclause should not be p	ointing to somethin	g in clause 52.		DETECT value, FAIL, outline	s (2) average p	owers for the PMD
SuggestedRemedy				options, of (4) types	-10, -20, -40, and -40+		
	he result is in clause 158 base	ed on changes from	other comments.	SuggestedRemedy			
Proposed Response	Response Status O	5		Suggested change: a	dd other (2) PMD types and co	mment for pow	er levels
				Proposed Response	Response Status O		
C/ 158 SC 158.1	12.4.9 P63	L8	# 96	C/ 159 SC 5.4	P 69	L9	# 3
Grow, Robert	RMG Con	sulting				L9	# 3
Comment Type TR	Comment Status X			DeAndrea, John	Finisar/ /II-VI		
E1 is not properly v	written. P802.3cr is eliminatin	g references to IEC	60950-1.	Comment Type T	Comment Status X		
	written. P802.3cr is eliminatin	g references to IEC	60950-1.	Table 159-4 The Tal	ble shows a value of -20 dBm fo		
SuggestedRemedy				Table 159-4 The Tal 25GBASE-BR-10. I t	ble shows a value of -20 dBm fo elieve there is a typo, because		
SuggestedRemedy The PICs should po	written. P802.3cr is eliminatin oint to J.2 which is being inse written more like E1 in Clause	rted by P802.3cr. I	f indirection is retained,	Table 159-4 The Tal 25GBASE-BR-10. I b BR20, -BR40, and -E	ble shows a value of -20 dBm fo elieve there is a typo, because		
SuggestedRemedy The PICs should po	oint to J.2 which is being inse	rted by P802.3cr. I	f indirection is retained,	Table 159-4 The Tal 25GBASE-BR-10. I b BR20, -BR40, and -E SuggestedRemedy	ole shows a value of -20 dBm fo elieve there is a typo, because R40+	the PMD has (4	4) types, -BR10, -
SuggestedRemedy The PICs should po the PICs could be v	oint to J.2 which is being inse	rted by P802.3cr. I	f indirection is retained,	Table 159-4 The Tal 25GBASE-BR-10. I b BR20, -BR40, and -E <i>SuggestedRemedy</i> Suggest modifying, f	ole shows a value of -20 dBm fo elieve there is a typo, because R40+ rom "-26 dBm for 25GBASE-BR	the PMD has (4	4) types, -BR10, -
SuggestedRemedy The PICs should po the PICs could be v P8023cr.	oint to J.2 which is being inse written more like E1 in Clause	rted by P802.3cr. I	f indirection is retained,	Table 159-4 The Tal 25GBASE-BR-10. I b BR20, -BR40, and -E SuggestedRemedy	ole shows a value of -20 dBm fo elieve there is a typo, because R40+	the PMD has (4	4) types, -BR10, -
SuggestedRemedy The PICs should be the PICs could be P8023cr. Proposed Response	oint to J.2 which is being inser written more like E1 in Clause <i>Response Status</i> O 12.4.9 P64	rted by P802.3cr. In 159 to eliminate a	f indirection is retained,	Table 159-4 The Tal 25GBASE-BR-10. I b BR20, -BR40, and -E <i>SuggestedRemedy</i> Suggest modifying, f	ole shows a value of -20 dBm fo elieve there is a typo, because R40+ rom "-26 dBm for 25GBASE-BR	the PMD has (4	4) types, -BR10, -
SuggestedRemedy The PICs should be the PICs could be P8023cr. Proposed Response C/ 158 SC 158.1 Maguire, Valerie	oint to J.2 which is being inservention more like E1 in Clause Response Status O 12.4.9 P64 The Sieme	rted by P802.3cr. I 159 to eliminate a	f indirection is retained, contradiction to	Table 159-4 The Tal 25GBASE-BR-10. I b BR20, -BR40, and -E SuggestedRemedy Suggest modifying, f Proposed Response Cl 159 SC 159.1	ble shows a value of -20 dBm fo elieve there is a typo, because R40+ rom "-26 dBm for 25GBASE-BF <i>Response Status</i> O <i>P</i> 65	the PMD has (4 R-10" to "-26 dB	4) types, -BR10, - m for 25GBASE-BR-2(
SuggestedRemedy The PICs should be the PICs could be P8023cr. Proposed Response CI 158 SC 158.1 Maguire, Valerie Comment Type E	oint to J.2 which is being inser written more like E1 in Clause <i>Response Status</i> O 12.4.9 P64	rted by P802.3cr. In 159 to eliminate a	f indirection is retained, contradiction to	Table 159-4 The Tal 25GBASE-BR-10. I b BR20, -BR40, and -E SuggestedRemedy Suggest modifying, f Proposed Response C/ 159 SC 159.1 Nicholl, Shawn	ble shows a value of -20 dBm for elieve there is a typo, because R40+ form "-26 dBm for 25GBASE-BF <i>Response Status</i> O <i>P</i> 65 Xilinx	the PMD has (4 R-10" to "-26 dB	4) types, -BR10, - m for 25GBASE-BR-2(
SuggestedRemedy The PICs should be the PICs could be P8023cr. Proposed Response Cl 158 SC 158.1 Maguire, Valerie	oint to J.2 which is being inservention more like E1 in Clause Response Status O 12.4.9 P64 The Sieme	rted by P802.3cr. In 159 to eliminate a	f indirection is retained, contradiction to	Table 159-4 The Tal 25GBASE-BR-10. It BR20, -BR40, and -E SuggestedRemedy Suggest modifying, f Proposed Response C/ 159 SC 159.1 Nicholl, Shawn Comment Type ER	ble shows a value of -20 dBm for elieve there is a typo, because R40+ form "-26 dBm for 25GBASE-BF <i>Response Status</i> O <i>P</i> 65 Xilinx <i>Comment Status</i> X	the PMD has (4 R-10" to "-26 dB	4) types, -BR10, - m for 25GBASE-BR-2(
SuggestedRemedy The PICs should be the PICs could be P8023cr. Proposed Response Cl 158 SC 158.1 Maguire, Valerie Comment Type E Extra blank page	oint to J.2 which is being inservention more like E1 in Clause Response Status O 12.4.9 P64 The Sieme	rted by P802.3cr. In 159 to eliminate a	f indirection is retained, contradiction to	Table 159-4 The Tal 25GBASE-BR-10. It BR20, -BR40, and -E SuggestedRemedy Suggest modifying, f Proposed Response CI 159 SC 159.1 Nicholl, Shawn Comment Type ER PMDS should have a	ble shows a value of -20 dBm for elieve there is a typo, because R40+ form "-26 dBm for 25GBASE-BF <i>Response Status</i> O <i>P</i> 65 Xilinx <i>Comment Status</i> X	the PMD has (4 R-10" to "-26 dB	4) types, -BR10, - m for 25GBASE-BR-2(
SuggestedRemedy The PICs should be v P8023cr. Proposed Response Cl 158 SC 158.1 Maguire, Valerie Comment Type E Extra blank page	oint to J.2 which is being inservention more like E1 in Clause <i>Response Status</i> 0 12.4.9 <i>P</i> 64 The Siemer <i>Comment Status</i> X	rted by P802.3cr. In 159 to eliminate a	f indirection is retained, contradiction to	Table 159-4 The Tal 25GBASE-BR-10. I b BR20, -BR40, and -E SuggestedRemedy Suggest modifying, f Proposed Response C/ 159 SC 159.1 Nicholl, Shawn Comment Type ER PMDS should have a SuggestedRemedy	ole shows a value of -20 dBm for elieve there is a typo, because R40+ com "-26 dBm for 25GBASE-BF <i>Response Status</i> O <i>P</i> 65 Xilinx <i>Comment Status</i> X lowercase "S".	the PMD has (4 R-10" to "-26 dB	4) types, -BR10, - m for 25GBASE-BR-2(
SuggestedRemedy The PICs should be PICs could be P8023cr. Proposed Response C/ 158 SC 158.1 Maguire, Valerie Comment Type E Extra blank page SuggestedRemedy	oint to J.2 which is being inservention more like E1 in Clause <i>Response Status</i> 0 12.4.9 <i>P</i> 64 The Siemer <i>Comment Status</i> X	rted by P802.3cr. In 159 to eliminate a	f indirection is retained, contradiction to	Table 159-4 The Tal 25GBASE-BR-10. I b BR20, -BR40, and -E SuggestedRemedy Suggest modifying, f Proposed Response C/ 159 SC 159.1 Nicholl, Shawn Comment Type ER PMDS should have a SuggestedRemedy	ble shows a value of -20 dBm for elieve there is a typo, because R40+ form "-26 dBm for 25GBASE-BF <i>Response Status</i> O <i>P</i> 65 Xilinx <i>Comment Status</i> X	the PMD has (4 R-10" to "-26 dB	4) types, -BR10, - m for 25GBASE-BR-2(

C/ 159 SC 159.1

X 159 SC 159.3	P67	L 5	# 161	C/ 159 SC 159.6.1	P 71	L15	# 133
laguire, Valerie	The Siemon C	Company		Wey, Jun Shan	ZTE TX Inc		
	<i>Comment Status</i> X Im" should be on the same lin	e		Comment Type TR Co. Propose to revise Average lat with the ITU-T G.9806	<i>mment Status</i> X unch power (min) for B	R20 in Table 15	9-6 in order to align
uggestedRemedy				SuggestedRemedy			
0 1	ace between "1" and "pause_	quantum		Table 159-6			
Proposed Response	Response Status O			Revise the average launch po	ower (min) spec from .	6 dBm to -7.5 dE	3m
				Proposed Response Res	ponse Status O		
% 159 SC 159.5.4	P 69	L13	# 172				
udek, Mike	Marvell			C/ 159 SC 159.6.1	P 71	L15	# 134
omment Type TR	Comment Status X			Wey, Jun Shan	ZTE TX Inc		
It is inappropriate in a	standard to say "and poor 250	BASE-BR20 is	e left to the wind".	Comment Type TR Co.	mment Status X		
<i>uggestedRemedy</i> This problem needs to	be fixed to create an inter-op	erable standard		Propose to revise Average lat with the ITU-T G.9806	unch power (min) for B	R40+ in Table 1	59-6 in order to align
roposed Response	Response Status O			<i>SuggestedRemedy</i> Table 159-6 Revise the average launch po	ower (min) spec from +	2 dBm to +0.5 d	Bm
/ 159 SC 159.5.9	P70	L 9	# 128	Proposed Response Res	ponse Status O		
/ienckowski, Natalie	General Moto	rs					
omment Type E	Comment Status X			C/ 159 SC 159.6.1	P 71	L 21	# 135
typo				Wey, Jun Shan	ZTE TX Inc		
uggestedRemedy				3 7	mment Status X		
Change: 25BASE-BR To: 25GBASE-BRx-U	к-U			Propose to revise Optical Mo align with the ITU-T G.9806		n) for BR20 in Ta	able 159-6 in order to
roposed Response	Response Status O			SuggestedRemedy			
				Table 159-6 Revise the Optical Modulatior	Amplitudo (min) ono	o from 20 dPm	to 15 dBm
159 SC 159.6	P73	L19	# 83		, .	5 110111 - 3.0 UDIII	10 -4.0 UDIII
aubach, Mark	Self			Fioposed Response Res	ponse Status O		
<i>comment Type</i> E 88.11.2.1 needs to be	Comment Status X an indicated cross reference.						
uggestedRemedy	root groop						
Change text color to for	lest green						

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

C/ 159 SC 159.6.1 Page 43 of 48 6/28/2020 10:36:11 PM

C/ 159 SC 159.6.1	I P71	L 21	# 136	C/ 159	SC 159.6.2	P 72	L17	# 140
Wey, Jun Shan	ZTE TX Inc			Wey, Jun Sl	nan	ZTE TX Inc		
Comment Type TR	Comment Status X			Comment Ty	pe TR	Comment Status X		
Propose to revise Op align with the ITU-T (otical Modulation Amplitude (min) G.9806) for BR40+ in T	able 159-6 in order to		to revise Aver ITU-T G.9806	age receive power (min) for B	R 40+ in Table	e 159-7 in order to alig
SuggestedRemedy				SuggestedR	emedy			
Table 159-6 Revise the Optical M	lodulation Amplitude (min) spec	from +5.0 dBm	to +3.5 dBm	Table 15 Revise t	•	ceive power (min) spec from -2	21.0 dBm to -2	2.5 dBm
Proposed Response	Response Status O			Proposed R	esponse	Response Status O		
C/ 159 SC 159.6.1	P71	L 22	# 137	C/ 159	SC 159.6.2	P72	L17	# 139
Vey, Jun Shan	ZTE TX Inc			Wey, Jun Sl	nan	ZTE TX Inc		
comment Type TR	Comment Status X			Comment Ty	vpe TR	Comment Status X		
Propose to revise La align with the ITU-T (unch power OMA minus TDP (m G.9806	in) for BR20 in	Table 159-6 in order to		to revise Aver ITU-T G.9806	age receive power (min) for B	R 20 in Table	159-7 in order to aligi
SuggestedRemedy				SuggestedR	emedy			
Table 159-6		f		Table 1		· · · · · · · · · · · · · · · · · · ·		
•	ower OMA minus TDP (min) sp	ec from -4.0 dB	m to -5.5 dBm		0	ceive power (min) spec from -2	21.0 dBm to -2.	2.5 dBm
Proposed Response	Response Status O			Proposed R	esponse	Response Status O		
:/ 159 SC 159.6.1	I P71	L 22	# 138	C/ 159	SC 159.6.2	P72	L 23	# 141
	I P71 ZTE TX Inc	L 22	# 138	Cl 159 Wey, Jun Sl		P 72 ZTE TX Inc	L 23	# 141
Wey, Jun Shan		L 22	# 138		nan		L23	# 141
Ney, Jun Shan Comment Type TR	ZTE TX Inc Comment Status X nunch power OMA minus TDP (m			Wey, Jun Sl Comment Ty Propose	nan vpe TR	ZTE TX Inc		
Ney, Jun Shan Comment Type TR Propose to revise La to align with the ITU-	ZTE TX Inc Comment Status X nunch power OMA minus TDP (m			Wey, Jun Sl Comment Ty Propose	nan pe TR to revise Rx s ITU-T G.9806	ZTE TX Inc Comment Status X		
Wey, Jun Shan Comment Type TR Propose to revise La to align with the ITU- SuggestedRemedy Table 159-6	ZTE TX Inc Comment Status X nunch power OMA minus TDP (m	nin) for BR40+ ir	n Table 159-6 in order	Wey, Jun Sl Comment Ty Propose with the SuggestedR Table 15	nan ype TR to revise Rx s ITU-T G.9806 emedy 59-7	ZTE TX Inc Comment Status X	20 in Table 15	59-7 in order to align

C/ 159 SC 159.6.2 Page 44 of 48 6/28/2020 10:36:11 PM

C/ 159	SC 159.6.2	P 72	L23	# 142	C/ 159	SC 159.8	P 73	L33	# 97
Wey, Jun S	Shan	ZTE TX Inc			Grow, Rol	pert	RMG Consult	ing	
Comment T	ype TR	Comment Status X			Comment	Type ER	Comment Status X	-	
	e to revise Rx s e ITU-T G.9806	ensitivity (max) in OMA for BR	8 40+ in Table 1	59-7 in order to align			ing a bit absurd. This points to me problem of 112.8 specifica		
SuggestedF	Remedy				Suggested	Remedy			
Table 1 Revise		ty (max) in OMA spec from -1	9.0 dBm to -20.	5 dBm			n, remove the two levels of indi tems in 159.11.4.8.	rection and poiir	nt to 112.8. Fix
Proposed R	Response	Response Status O			Proposed	Response	Response Status O		
/ 159	SC 159.6.3	P 73	L 20	# 129	C/ 159	SC 159.9	P73	L48	# 173
Vienckows	ski, Natalie	General Motor	S		Dudek, Mi	ke	Marvell		
comment T	⁻ уре Е	Comment Status X			Comment	Туре Е	Comment Status X		
88.11.2	1 should be ma	arked as an external link as it i	isn't in this draf	t.	Table	159-9 is split ac	ross a page break which make	es it hard to read	1.
SuggestedF Change	•	ag on "88.11.2.1" to External	which will turn i	t green.	Suggested Put it	<i>IRemedy</i> all on one page.			
Proposed R		Response Status O		-	Proposed		Response Status O		
2/ 159	SC 159.7	P 73	L 20	# 183	C/ 159	SC 159.9	P74	L1	# 130
tassar, Pe	eter	Huawei			Wienckow	ski, Natalie	General Moto	rs	
comment T	ype TR	Comment Status X			Comment	Туре Е	Comment Status X		
		utomatically all the requiremer			The ta	ble title needs (continued) in it.		
		he values in 159.6. Add full de appropriate for 159. Especially			Suggested	Remedy			
		ng are requirements for 20km.			See in	structions in 20	0.1.1.1.1 in the 802.3 FM temp	plate.	
and 160	0.7 referring to 1	139.7		-	Proposed	Response	Response Status O		
SuggestedF	Remedy				•	,			
	l details as in ot	her reject ontical PMDs and a	nnly all change	appropriate for 150					

Add full details as in other reject optical PMDs and apply all changes appropriate for 159, and also 158 and 160. Including table for Transmitter compliance channel specifications

Proposed Response Response Status **O**

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

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C/ 159 SC 159.11.2.2	P 76	L 42	# 59	C/ 160 SC 160.5.4 PE	37 L42 # <u>174</u>
_ewis, Jon	Dell EMC			Dudek, Mike Marv	ell
Comment Type E Comr	ment Status 🗙			Comment Type TR Comment Status	
Date is shown specifically and s	hould be 202x as th	e draft isn't publi	shed		c. is -17.6dB. So a power of -17dB should hav
uggestedRemedy				signal detect =OK, but the other line says <	-16dB is Fail. It can't meet both lines
Change "IEEE Std 802.3cp-202	0" to "IEEE Std 802	.3cp-202x"		SuggestedRemedy	
roposed Response Respo	onse Status O			Change the signal detect FAIL level from <	-16dBm to <-20dBm for BR20 etc.
,				Proposed Response Response Status	0
C/ 160 SC 160.1	P83	L16	# 131		
Vienckowski, Natalie	General Moto	ors		C/ 160 SC 160.6 P	L # <u>185</u>
omment Type E Comr	ment Status 🗙			Stassar, Peter Huav	
When refering to the "top" of a 0	Clause, you need to	include "Clause"	in the reference.	Comment Type TR Comment Status	X for PAM4 optical signals have recently been
	onse Status O			has been added, as well as TDECQ - TEC	MA minus TDECQ = value" has been modified
C/ 160 SC 160.3	P85	L	# 195	SuggestedRemedy	
Stassar, Peter	Huawei			Align PAM4 specification methodology with	P802.3cu D2.2.
Comment Type TR Comm Skew constraints as in 139.3.2 a	<i>ment Status</i> X as missing			Proposed Response Response Status	0
SuggestedRemedy Add skew constraints consisten	t with 139 3 2			C/ 160 SC 160.6 P8	38 <i>L</i> 52 # 220
				Law, David Hew	lett Packard Enterprise
Respo	onse Status O			Comment Type T Comment Status	·
				The text 'A PMD that exceeds the operating	
		L36	# 162	example 'e.g., a 50GBASE-BR10 PMD ope	
160 SC 160.3	P85	L 30	# 102		ing range requirement as 2.5 km is within the
	P85 The Siemon (# 102	operating range requirement of 2 m to 10 k	ing range requirement as 2.5 km is within the m.
laguire, Valerie comment Type E Comr	The Siemon (ment Status X	Company	# 102		
laguire, Valerie	The Siemon (ment Status X	Company	# 102	operating range requirement of 2 m to 10 k	m.
Aaguire, Valerie Comment Type E Comr "2" and "pause_quantum" shoul SuggestedRemedy	The Siemon (<i>ment Status</i> X d be on the same lir	Company	# <u>102</u>	operating range requirement of 2 m to 10 k SuggestedRemedy Suggest that the text ' at 2.5 km' be ch	m. anged to read ' at 12.5 km'.
Maguire, Valerie Comment Type E Comr	The Siemon (<i>ment Status</i> X d be on the same lir	Company	# <u>102</u>	operating range requirement of 2 m to 10 k SuggestedRemedy Suggest that the text ' at 2.5 km' be ch	m. anged to read ' at 12.5 km'.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/generalC/160COMMENT STATUS: D/dispatched A/accepted R/rejectedRESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawnSC160.6SORT ORDER: Clause, Subclause, page, line

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160 SC 16	60.6 P88	L 53	# 226	C/ 160	SC 160.6.1	P89	L 51	# 175
/laki, Jeffery	Juniper Ne	tworks		Dudek, Mike	e	Marvell		
omment Type	TR Comment Status X			Comment Ty	ype TR	Comment Status X		
operating	ample (e.g., a 50GBASE-BR10 Pl	/ID operating at 2.5	km meets the			ower of OFF transmitter m etect to work properly.	ust be less than th	e Fail level of the Signa
0	ent of 2 m to 10 km) has a typo.			SuggestedR	Remedy			
SuggestedRemedy				Change	the value for I	BR20 etc. to -20dBm (see	other comment for	why -20 not -16)
Replace 2.5km	with 12.5km.			Proposed R	esponse	Response Status 0		
Proposed Response	e Response Status O							
				C/ 160	SC 160.6.1	P90	L14	# 132
C/ 160 SC 16		L 54	# 227	Wienckows	ki, Natalie	General N	otors	
laki, Jeffery	Juniper Ne	tworks		Comment Ty	ype E	Comment Status X		
omment Type	TR Comment Status X			121.8.5.	3 should be m	narked as an external link a	s it isn't in this drat	ft.
50GBASE-BR1	and receive wavelength is not con 0-D center wavelengths (range):	npatible with 50GB/ I320nm to 1340 mr	n		the character	tag on "121.8.5.3" to Exter	nal which will turn	it green.
50GBASE-BR1 50GBASE-BR1 50GBASE-BR4	and receive wavelength is not con	npatible with 50GB/ 320nm to 1340 mr 260nm to 1280 nm 306nm to 1322nm	ASE-BR10. m 1	00	the character P91L8	tag on "121.8.5.3" to Exter Response Status 0	nal which will turn	it green.
50GBASE-BR1 50GBASE-BR1 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4	and receive wavelength is not con 0-D center wavelengths (range): 0-U center wavelengths (range): 0-D center wavelengths (range): 0-U center wavelengths (range):	npatible with 50GB/ 320nm to 1340 mr 260nm to 1280 nm 306nm to 1322nm 281nm to 1297nm	ASE-BR10. m 1	Change Also on Proposed Ro	the character P91L8 esponse	Response Status O		
50GBASE-BR1 50GBASE-BR1 50GBASE-BR4 50GBASE-BR4 uggestedRemedy Remove 50GBA	and receive wavelength is not con 0-D center wavelengths (range): 0-U center wavelengths (range): 0-D center wavelengths (range): 0-U center wavelengths (range): ASE-BR10 PMD as an example o	npatible with 50GB/ 1320nm to 1340 mr 1260nm to 1280 nm 1306nm to 1322nm 1281nm to 1297nm	ASE-BR10. m 1	Change Also on Proposed Ro Ci 160	the character P91L8 esponse SC 160.6.2	Response Status O	nal which will turn	it green. # <u>176</u>
50GBASE-BR1 50GBASE-BR1 50GBASE-BR4 50GBASE-BR4 <i>uggestedRemedy</i> Remove 50GBA PMD leaving on	and receive wavelength is not con 0-D center wavelengths (range): 0-U center wavelengths (range): 0-D center wavelengths (range): 0-U center wavelengths (range): ASE-BR10 PMD as an example o ne example, the 50GBASE-BR20	npatible with 50GB/ 1320nm to 1340 mr 1260nm to 1280 nm 1306nm to 1322nm 1281nm to 1297nm	ASE-BR10. m 1	Change Also on Proposed Ro Cl 160 Dudek, Mike	the character P91L8 esponse SC 160.6.2	Response Status O P 90 Marvell		
50GBASE-BR1 50GBASE-BR1 50GBASE-BR4 50GBASE-BR4 <i>uggestedRemedy</i> Remove 50GBA PMD leaving on	and receive wavelength is not con 0-D center wavelengths (range): 0-U center wavelengths (range): 0-D center wavelengths (range): 0-U center wavelengths (range): ASE-BR10 PMD as an example on the example, the 50GBASE-BR20	npatible with 50GB/ 1320nm to 1340 mr 1260nm to 1280 nm 1306nm to 1322nm 1281nm to 1297nm	ASE-BR10. m 1	Change Also on Proposed Ro Cl 160 Dudek, Mike Comment Ty	the character P91L8 esponse SC 160.6.2 e ype TR	Response Status O P 90 Marvell Comment Status X	L 42	# 176
50GBASE-BR1 50GBASE-BR1 50GBASE-BR4 50GBASE-BR4 <i>uggestedRemedy</i> Remove 50GBA PMD leaving on	and receive wavelength is not con 0-D center wavelengths (range): 0-U center wavelengths (range): 0-D center wavelengths (range): 0-U center wavelengths (range): ASE-BR10 PMD as an example o ne example, the 50GBASE-BR20	npatible with 50GB/ 1320nm to 1340 mr 1260nm to 1280 nm 1306nm to 1322nm 1281nm to 1297nm	ASE-BR10. m 1	Change Also on Proposed Ro Cl 160 Dudek, Mike Comment Ty The reco	the character P91L8 esponse SC 160.6.2 e ype TR eive power (OI	Response Status O P 90 Marvell Comment Status X MAouter) max values are v	L 42 wrong for BR20 and	# <u>176</u> d BR40+. (or the Tx
50GBASE-BR1 50GBASE-BR1 50GBASE-BR4 50GBASE-BR4 20ggestedRemedy Remove 50GBA PMD leaving on Proposed Response	and receive wavelength is not con 0-D center wavelengths (range): 0-U center wavelengths (range): 0-D center wavelengths (range): 0-U center wavelengths (range): ASE-BR10 PMD as an example on the example, the 50GBASE-BR20 e Response Status O	npatible with 50GB/ 1320nm to 1340 mr 1260nm to 1280 nm 1306nm to 1322nm 1281nm to 1297nm	ASE-BR10. m 1	Change Also on Proposed Ro Cl 160 Dudek, Mike Comment Ty The reco OMA ou	the character P91L8 esponse SC 160.6.2 e ype TR eive power (Ol iter max values	Response Status O P 90 Marvell Comment Status X	L 42 wrong for BR20 and	# <u>176</u> d BR40+. (or the Tx
50GBASE-BR1 50GBASE-BR1 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR1 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 70GBAS	and receive wavelength is not con 0-D center wavelengths (range): 0-U center wavelengths (range): 0-D center wavelengths (range): 0-U center wavelengths (range): ASE-BR10 PMD as an example on the example, the 50GBASE-BR20 e Response Status O	npatible with 50GB/ 1320nm to 1340 mr 1260nm to 1280 nm 1306nm to 1322nm 1281nm to 1297nm F interoperability wit PMD.	ASE-BR10. n th the 50GBASE-BR40	Change Also on Proposed Ro Cl 160 Dudek, Mike Comment Ty The reco OMA ou Suggested Ro	the character P91L8 esponse SC 160.6.2 e ype TR eive power (Of iter max values Remedy	Response Status O P90 Marvell Comment Status X MAouter) max values are v s are wrong) The min atte	L 42 wrong for BR20 and nuation for 20km is	# <u>176</u> d BR40+. (or the Tx
50GBASE-BR1 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 uggestedRemedy Remove 50GBA PMD leaving on roposed Response	and receive wavelength is not con 0-D center wavelengths (range): 0-U center wavelengths (range): 0-D center wavelengths (range): 0-U center wavelengths (range): ASE-BR10 PMD as an example on the example, the 50GBASE-BR20 ce Response Status 0 50.6.1 P89	npatible with 50GB/ 1320nm to 1340 mr 1260nm to 1280 nm 1306nm to 1322nm 1281nm to 1297nm F interoperability wit PMD.	ASE-BR10. n th the 50GBASE-BR40	Change Also on Proposed Ro Cl 160 Dudek, Mike Comment Ty The reco OMA ou Suggested Ro Change	the character P91L8 esponse SC 160.6.2 e ype TR eive power (Of iter max values Remedy BR20 to 4.4dl	Response Status O P90 Marvell Comment Status X MAouter) max values are s are wrong) The min atte Bm, and BR40+ to 2.4dBm	L 42 wrong for BR20 and nuation for 20km is	# <u>176</u> d BR40+. (or the Tx
50GBASE-BR1 50GBASE-BR1 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 2uggestedRemedy Remove 50GBA PMD leaving on 2roposed Response 27 160 SC 16 aubach, Mark Comment Type	and receive wavelength is not con 0-D center wavelengths (range): 0-U center wavelengths (range): 0-D center wavelengths (range): 0-U center wavelengths (range): ASE-BR10 PMD as an example on the example, the 50GBASE-BR20 ce Response Status O 60.6.1 P89 Self	hpatible with 50GB/ 1320nm to 1340 mr 1260nm to 1280 nm 1306nm to 1322nm 1281nm to 1297nm F interoperability with PMD.	ASE-BR10. n th the 50GBASE-BR40 # 84	Change Also on Proposed Ro Cl 160 Dudek, Mike Comment Ty The reco OMA ou Suggested Ro	the character P91L8 esponse SC 160.6.2 e ype TR eive power (Of iter max values Remedy BR20 to 4.4dl	Response Status O P90 Marvell Comment Status X MAouter) max values are v s are wrong) The min atte	L 42 wrong for BR20 and nuation for 20km is	# <u>176</u> d BR40+. (or the Tx
50GBASE-BR1 50GBASE-BR1 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR1 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 70D leaving on 57 160 SC 16 aubach, Mark 500ment Type 121.8.5.3 needs	and receive wavelength is not con 0-D center wavelengths (range): 0-U center wavelengths (range): 0-D center wavelengths (range): 0-U center wavelengths (range): ASE-BR10 PMD as an example on the example, the 50GBASE-BR20 e Response Status 0 50.6.1 P89 Self E Comment Status X is to be an indicated cross referen	hpatible with 50GB/ 1320nm to 1340 mr 1260nm to 1280 nm 1306nm to 1322nm 1281nm to 1297nm F interoperability with PMD.	ASE-BR10. n th the 50GBASE-BR40 # 84	Change Also on Proposed Ro Cl 160 Dudek, Mike Comment Ty The reco OMA ou Suggested Ro Change	the character P91L8 esponse SC 160.6.2 e ype TR eive power (Of iter max values Remedy BR20 to 4.4dl	Response Status O P90 Marvell Comment Status X MAouter) max values are s are wrong) The min atte Bm, and BR40+ to 2.4dBm	L 42 wrong for BR20 and nuation for 20km is	# <u>176</u> d BR40+. (or the Tx
50GBASE-BR1 50GBASE-BR1 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR1 50GBASE-BR1 50GBASE-BR1 50GBASE-BR1 50GBASE-BR1 50GBASE-BR1 50GBASE-BR1 50GBASE-BR1 50GBASE-BR1 50GBASE-BR1 50GBASE-BR1 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 50GBASE-BR4 70GBAS	and receive wavelength is not con 0-D center wavelengths (range): 0-U center wavelengths (range): 0-D center wavelengths (range): 0-U center wavelengths (range): ASE-BR10 PMD as an example on the example, the 50GBASE-BR20 e Response Status 0 50.6.1 P89 Self E Comment Status X is to be an indicated cross referen	hpatible with 50GB/ 1320nm to 1340 mr 1260nm to 1280 nm 1306nm to 1322nm 1281nm to 1297nm F interoperability with PMD.	ASE-BR10. n th the 50GBASE-BR40 # 84	Change Also on Proposed Ro Cl 160 Dudek, Mike Comment Ty The reco OMA ou Suggested Ro Change	the character P91L8 esponse SC 160.6.2 e ype TR eive power (Of iter max values Remedy BR20 to 4.4dl	Response Status O P90 Marvell Comment Status X MAouter) max values are s are wrong) The min atte Bm, and BR40+ to 2.4dBm	L 42 wrong for BR20 and nuation for 20km is	# <u>176</u> d BR40+. (or the Tx

C/ 160 SC 160.6.2

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C/ 160 S	SC 160.7	P91	L35	# 177	C/ 160	SC 160.11.3	.1 <i>P</i> 96	L1	# 85
Dudek, Mike		Marvell			Laubach, N	/lark	Self		
Comment Typ	e T	Comment Status X			Comment 7	• •	Comment Status X		
	ence is wrong.	Measurements don't meet t	he specificatio	ns and there are	The he	ading text is bro	oken across two pages.		
exceptions					Suggested	Remedy			
SuggestedRer		asurement methods are defin	ad in 130 7 with	a the following	Keep ti	ne entire headir	ng text on the same page.		
exceptions		asurement methods are denin	50 III 155.7 WIG	T the following	Proposed F	Response	Response Status O		
1 The tran Table 160		ted using an optical channel t	hat meets the	requirements listed in					
2 The stre that the tra	essed receiver ansmitted opt	r conformance test shall be co ical signal and the reflectance be at their maximum levels."		r the additional condition					
Proposed Res	sponse	Response Status O							
C/ 160 S	SC 160.8	P92	L6	# 98					
Grow, Robert		RMG Consulti	na						
Comment Typ	e TR	Comment Status X	0						
		irection problems. Laser safe al safety is changed by P802.		include port types in					
SuggestedRer	medy								
Change (c	or not) consist	tent with changes made to 15	8 and 159.						
Proposed Res	sponse	Response Status O							
C/ 160 S	SC 160.11.2.	2 P94	L 40	# 60					
Lewis, Jon		Dell EMC							
<i>Comment Typ</i> Date is sh		Comment Status X ally and should be 202x as the	e draft isn't pub	lished					
SuggestedRer	medy								
00		.3cp-2020" to "IEEE Std 802.3	3cp-202x"						
Proposed Res	sponse	Response Status O							

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

C/ 160 SC 160.11.3.1