C/ FM	SC FM	P <b>7</b>	L <b>25</b>	# <u>1</u> 0		C/ FM SC	FM	P <b>13</b>	L <b>7</b>	# 46	
Anslow, F	Pete	Independent				Grow, Robert		RMG Consultir	ng		
Comment	tType E	Comment Status D			EZ	Comment Type	Е	Comment Status D			ΕZ
		ts in Working Group ballot should		ne officers of the		Missing space	e after full	stop.			
		ask Force who are already listed d presumably be "William Lo"	above.			SuggestedReme	dy				
Suggeste						Insert space	after full st	op.			
Remo		of the officers of the Working Gro	oup and Task	Force from the list.		Proposed Respo PROPOSED		Response Status W			
•	<i>Response</i> POSED ACCE	Response Status W				C/ 1 SC	1.4	P <b>21</b>	L <b>6</b>	# 19	
	OOLD AOOL	1.				Dawe, Piers		Nvidia			
C/ FM	SC FM	P8	L <b>3</b>	# 45		Comment Type	т	Comment Status D			link
Grow, Ro	bert	RMG Consultir	Ig					ifferent specifications": as I s			
Comment	tType E	Comment Status D			EZ			vrong. It disagrees with the d een any two interfaces of gen			
The V	VG member he	eader paragraph has changed.						a document does not contain			, .
Suggeste	dRemedy					SuggestedReme	dy				
		ollowing individuals were officers e beginning of the IEEE P802.3c				10GBASE-B	R10-U." to	es two different specifications e.g. "There are different spec	ifications for 1	0GBASE-BR10-D a	
Proposed	Response	Response Status W						nk connects one to the other.			
PRO	POSED ACCE	PT IN PRINCIPLE.				be done in m		e committee for correct word	ing. Fixing e.ç	. 100BASE-BATU C	Jan
Repla Work	ace with "The fo ing Group at th	bllowing individuals were officers e beginning of the IEEE P802.3c	and members p Working Gro	of the IEEE 802.3 oup ballot."		Proposed Respo PROPOSED		Response Status W N PRINCIPLE.			
C/ FM	SC FM	P <b>13</b>	L <b>7</b>	# 11		Change it int	o "There ar	e different specifications for	10GBASE-BR	10-D and 10GBASE	Ξ-
Anslow, F	Pete	Independent						one to the other."			
Comment		Comment Status D			EZ	Apply similar	· changes to	o other new definitions in 1.4			
Parag	graph mark mis	sing after the 802.3cp abstract te	ext.				changes to				
Suggeste	,										
Insert		nark before "Two companion"									
	Response	Response Status W									

Pa **21** Li **6** 

C/ 30	SC 30.5.1.1.2	P <b>22</b>	L12	# <u>1</u> 2		C/ <b>44</b>	SC 44.3	P <b>24</b>	L6	# 47
nslow, P	ete	Independent				Grow, Rob	ert	RMG (	Consulting	
omment	Type E Co	omment Status D			ΕZ	Comment	Type <b>ER</b>	Comment Status	D	
5GBA	SE-T1 as inserted by I	after 5GBASE-T would EEE Std 802.3ch-2020. insert the new PHY type			and	insert	ocation is provi		text is inserted (no	unchanged text) and no
Suaaestea	dRemedy					Suggested		he on locart with a on	noific location For	example, 'Insert new row
00	ge "after 5GBASE-T" to	o "after 10GBASE-T"								as follows (unchanged ro
-	_	sponse Status W				not sh	own):' Alternate	ly, include an adjacent	unchanged row to	act as a location referen
	POSED ACCEPT IN PR	,					-	ent by showing an unc	-	ry to the instruction.)
11101						Proposed	•	Response Status	W	
Check	cout recent Amendem	ents and projects to find	the correct inse	ertion location.		PROP	OSED ACCEPT	IN PRINCIPLE.		
2/ <b>30</b> .nslow, P	SC 30.5.1.1.2	P <b>22</b> Independent	L <b>34</b>	# 13				iction as "Insert new ro 0, as follows (unchang		ole 44–2, as modified by ):"
Comment		omment Status D			ΕZ	CI 45	SC 452.1.6	P <b>26</b>	L15	# 15
	21	after 10GBASE-PR-U4	would place th	em before the ger	neric	Anslow, Pe		Indepe		
25GB.	ASE-R entry.			-		Comment		Comment Status		
lt seer	ms more appropriate to	o insert the new PHY type	es after 25GBA	ASE-T.						being 1 1 x x x x x by IE
Suggestee	dRemedy						2.3cn-2019.		were changed ironi	
Chang	ge "after 10GBASE-PR	-U4" to "after 25GBASE-	-T"			Suggested				
Proposed	Response Re	sponse Status W					•	kethrough for 1 1 x x x	v v - reconved	
PROF	POSED ACCEPT IN PR	, RINCIPLE.					e the remaining			
						1115	x x x x = reserve	d [in strikethrough]		
Check	cout recent Amendeme	ents and projects to find	the correct inse	ertion location.			1 x x = reserve 0 1 x = reserve			
-										
	SC 30.5.1.1.2	P <b>23</b>	L <b>1</b>	# 14			0.01 = reserve			
c/ <b>30</b>			L1	# 14		111 <i>1</i> 111 <i>1</i>		ed [underlined] SE-BR40-U PMA/PMI		
C/ <b>30</b> Anslow, P	ete	Independent	L1	# 14	<b>F</b> 7	111 <i>1</i> 111 <i>1</i>	0 0 0 = 50GBA	d [underlined]		
C/ <b>30</b> Anslow, P Comment	ete <i>Type</i> <b>E</b> Co	Independent			EZ	1 1 1 <sup>-</sup> 1 1 1 <sup>-</sup> 1 1 1 ( 	0 0 0 = 50GBA 0 1 1 1 = 50GBA	ed [underlined] SE-BR40-U PMA/PMI SE-BR20-U PMA/PMI	) [existing row unde	erlined
C/ <b>30</b> Anslow, P Comment Inserti	ete <i>Type</i> <b>E</b> Co ing the 50G PHY types	Independent			EZ	1 1 1 1 1 1 1 1 1 1 1 1  1 1 1 ( 1 1 0 1	0 0 0 = 50GBA 1 1 1 = 50GBA 0 0 0 0 = 25GBA x x x = reserve	ed [underlined] SE-BR40-U PMA/PMI SE-BR20-U PMA/PMI SE-BR10-U PMA/PMI d [in strikethrough]	) [existing row unde ) [existing row unde	erlined] erlined]
C/ <b>30</b> Anslow, P Comment Inserti 50GB	ete <i>Type</i> <b>E</b> Ca ing the 50G PHY types ASE-R entry.	Independent	d place them be	efore the generic	EZ	1 1 1 1 1 1 1 1 1 1 1 1  1 1 1 ( 1 1 0 1	0 0 0 = 50GBA 1 1 1 = 50GBA 0 0 0 0 = 25GBA x x x = reserve	ed [underlined] SE-BR40-U PMA/PMI SE-BR20-U PMA/PMI	) [existing row unde ) [existing row unde	erlined] erlined]
C/ <b>30</b> Anslow, P Comment Inserti 50GB It see	ete <i>Type</i> <b>E</b> Co ing the 50G PHY types ASE-R entry. ms more appropriate to	Independent omment Status D after 40GBASE-T would	d place them be	efore the generic	EZ	1 1 1 1 1 1 1 1 1 1 1 1  1 1 1 ( 1 1 0 1 	0 0 0 0 = 50GBA 0 1 1 1 = 50GBA 0 0 0 0 = 25GBA 1 x x x = reserve 1 1 1 = 25GBA	ed [underlined] SE-BR40-U PMA/PMI SE-BR20-U PMA/PMI SE-BR10-U PMA/PMI d [in strikethrough] SE-BR40-D PMA/PMI	) [existing row unde ) [existing row unde ) [existing row unde	erlined] erlined] erlined]
CI <b>30</b> Anslow, P Comment Inserti 50GB, It seen	ete <i>Type</i> <b>E</b> Ca ing the 50G PHY types ASE-R entry. ms more appropriate to <i>dRemedy</i>	Independent omment Status D after 40GBASE-T would	d place them be	efore the generic	EZ	1 1 1 1 - 1 1 1 1 - 1 1 1 1 (  1 1 1 ( 1 1 0 -  1 1 0 -	0 0 0 0 = 50GBA 0 1 1 1 = 50GBA 0 0 0 0 = 25GBA 1 x x x = reserve 1 1 1 = 25GBA 0 0 0 = 10GBA	ed [underlined] SE-BR40-U PMA/PMI SE-BR20-U PMA/PMI SE-BR10-U PMA/PMI d [in strikethrough] SE-BR40-D PMA/PMI SE-BR20-D PMA/PMI	) [existing row unde ) [existing row unde ) [existing row unde	erlined] erlined] erlined]
CI 30 Anslow, P Comment Inserti 50GB It see Suggestee Chang	ete <i>Type</i> <b>E</b> Ca ing the 50G PHY types ASE-R entry. ms more appropriate to <i>dRemedy</i> ge "after 40GBASE-T"	Independent omment Status <b>D</b> after 40GBASE-T would b insert the new PHY type to "after 50GBASE-ER"	d place them be	efore the generic	EZ	1111 1111 1110  1110 1107  1107 1107	0 0 0 0 = 50GBA 1 1 1 = 50GBA 0 0 0 0 = 25GBA x x = reserve 1 1 1 = 25GBA 0 0 0 = 10GBA 0 0 0 = 10GBA 1 x = reserve 1 1 1 = 10GBA	ed [underlined] SE-BR40-U PMA/PMI SE-BR20-U PMA/PMI d [in strikethrough] SE-BR40-D PMA/PMI SE-BR20-D PMA/PMI d [in strikethrough] SE-BR10-D PMA/PMI	<ul> <li>) [existing row unde</li> </ul>	erlined] erlined] erlined] erlined]
C/ <b>30</b> Anslow, Pr Comment Inserti 50GB It seen Suggested Chang Proposed	ete <i>Type</i> <b>E</b> Co ing the 50G PHY types ASE-R entry. ms more appropriate to <i>dRemedy</i> ge "after 40GBASE-T" <i>Response Re</i>	Independent omment Status <b>D</b> after 40GBASE-T would b insert the new PHY type to "after 50GBASE-ER" sponse Status <b>W</b>	d place them be	efore the generic	EZ	1 1 1 1 1 1 1 1 1 1 1 0  1 1 1 0 1 1 0 0  1 1 0 0 1 1 0 0 1 1 0 0	0 0 0 0 = 50GBA 1 1 1 = 50GBA 0 0 0 0 = 25GBA x x = reserve 1 1 1 = 25GBA 0 0 0 = 10GBA 0 0 0 = 10GBA 1 x = reserve 1 1 1 = 10GBA 1 1 0 = reserve	ed [underlined] SE-BR40-U PMA/PMI SE-BR20-U PMA/PMI d [in strikethrough] SE-BR40-D PMA/PMI SE-BR20-D PMA/PMI d [in strikethrough] SE-BR10-D PMA/PMI ed [underlined]	<ul> <li>) [existing row unde</li> </ul>	erlined] erlined] erlined] erlined]
Cl 30 Anslow, P Comment Inserti 50GB It see Suggested Chang Proposed	ete <i>Type</i> <b>E</b> Ca ing the 50G PHY types ASE-R entry. ms more appropriate to <i>dRemedy</i> ge "after 40GBASE-T"	Independent omment Status <b>D</b> after 40GBASE-T would b insert the new PHY type to "after 50GBASE-ER" sponse Status <b>W</b>	d place them be	efore the generic	EZ	1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 0 1 1 1 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0	0 0 0 0 = 50GBA 0 1 1 1 = 50GBA 0 0 0 0 = 25GBA x x = reserve 1 1 1 = 25GBA 0 0 0 = 10GBA 0 0 0 = 10GBA 1 x = reserve 0 1 1 = 10GBA 1 1 0 = reserve 0 1 0 x = reserve	ed [underlined] SE-BR40-U PMA/PMI SE-BR20-U PMA/PMI d [in strikethrough] SE-BR40-D PMA/PMI d [in strikethrough] SE-BR10-D PMA/PMI d [underlined] ed [underlined]	<ul> <li>D [existing row understand]</li> </ul>	erlined] erlined] erlined] erlined]
Cl 30 Anslow, P Comment Inserti 50GB It seen Suggested Chang Proposed PROF	ete <i>Type</i> <b>E</b> Ca ing the 50G PHY types ASE-R entry. ms more appropriate to <i>dRemedy</i> ge "after 40GBASE-T" <i>Response Re</i> POSED ACCEPT IN PF	Independent omment Status <b>D</b> after 40GBASE-T would b insert the new PHY type to "after 50GBASE-ER" sponse Status <b>W</b>	d place them be es after 50GBA	efore the generic	EZ	1 1 1 1 1 1 1 1 1 1 1 0  1 1 1 0 1 1 0 0  1 1 0 0 1 1 0 0 1 1 0 0	0 0 0 0 = 50GBA 0 1 1 1 = 50GBA 0 0 0 0 = 25GBA x x = reserve 1 1 1 = 25GBA 0 0 0 = 10GBA 0 0 0 = 10GBA 1 x = reserve 0 1 1 = 10GBA 1 1 0 = reserve 0 1 0 x = reserve	ed [underlined] SE-BR40-U PMA/PMI SE-BR20-U PMA/PMI d [in strikethrough] SE-BR40-D PMA/PMI SE-BR20-D PMA/PMI d [in strikethrough] SE-BR10-D PMA/PMI ed [underlined]	<ul> <li>D [existing row understand]</li> </ul>	erlined] erlined] erlined] erlined]

TYPE: TR/technical required ER/editorial required GR/general re	equired T/technical E/editorial G/general	Pa <b>26</b>	Page 2 of 15
COMMENT STATUS: D/dispatched A/accepted R/rejected RE	ESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn	Li 15	9/17/2020 9:47:07 AM
SORT ORDER: Page, Line			

C/ <b>45</b>	SC 45.2.1.7.	1 P <b>27</b>	L <b>24</b>	# 16		C/ <b>45</b>	SC 45.2.1	8.1	P <b>29</b>	L <b>22</b>	# 1
Anslow, P	ete	Independent				Anslow, P	ete		Independent		
Comment	Туре Е	Comment Status D			EZ	Comment	Туре Е	Comr	nent Status D		EZ
	rder of entries in n each row.	Table 45-9 above 10G is by	speed and then	reach for the first	PHY		rder of entries n each row.	in Table 45-	12 above 10G is by	/ speed and the	n reach for the first PHY
Suggestee	dRemedy					Suggestee	dRemedy				
for 25 Move for 50	GBASE-LR, 25G the row for 50GE	ASE-BR10, 50GBASE-BR2 BASE-LR, 50GBASE-ER in:	0, 50GBASE-BF	R40 to be after the	e row	row fo Move row fo	r 25GBASE-L the row for 50 r 50GBASE-F	R and 25GB GBASE-BR R, 50GBASI	ASE-ER. 10, 50GBASE-BR20	), and 50GBAS	E-BR40 to be after the E-BR40 to be after the by IEEE Std 802.3cd-
	Response POSED ACCEPT	Response Status W					Response POSED ACCE		nse Status W		
C/ 45	SC 45.2.1.7.	2 P <b>2</b> 8	L19	# 17		C/ 45	SC 45.2.1	27a	P30	L <b>8</b>	# 2
	Туре Е	Independent <i>Comment Status</i> <b>D</b> Table 45-10 above 10G is b		n reach for the fir	<i>EZ</i> st PHY	Anslow, P <i>Comment</i> The tit 45 reg	<i>Type</i> <b>ER</b> tle of Table 45		Independent <i>ment Status</i> <b>D</b> contain the name o	of the register as	s per the rest of Clause
Suggeste	dRemedy					Suggestee	dRemedy				
for 25	GBASE-LR, 25G								r from "10G and 250 D extended ability 1		tended ability 1 register nitions"
for 50		BASE-BR10, 50GBASE-BR2 BASE-LR, 50GBASE-ER in: 302.3cn-2019.				Proposed PROF	Response POSED ACCE		nse Status W		
	Response	Response Status W				C/ <b>45</b>	SC 45.2.1	27a	P <b>30</b>	L <b>8</b>	# 3
PROF	POSED ACCEPT					Anslow, P <i>Comment</i> Table			Independent ment Status D ved row		
						Suggested Add a	dRemedy reserved row	for bits 1.34	.15:12		
						,	Response POSED ACCE		nse Status W		

Pa **30** Li **8** 

Anslow, Pete       Independent       Comment Type       ER       Comment Status       D         The title of Table 45-31b should contain the name of the register as per the rest of Clause 45 registers.       Marris, Arthur       Cadence Design Systems       FEC         SuggestedRemedy       Change the title of Table 45-31b from "50G PMA/PMD extended ability 1 register bit definitions" to "BiDi PMA/PMD extended ability 2 register bit definitions"       Marris, Arthur       Cadence Design Systems       FEC         Proposed Response       Response Status       W       The proposed Clause 108 are not sufficient to support 10G operation. At least make the following changes to Clause 108.       Change Clause Title to: "Reed-Solomon Forward Error Correction (RS-FEC) sublayer for 10GBASE-R and 25GBASE-R PHYs."         PROPOSED ACCEPT.       Proposed first sentence of 108.1.1 to: "This clause specifies the services provided by the		CC 45 0 4 07	<b>D00</b>	140	<i>μ</i>		20 400	D 40	1 -	
Comment Type       ER       Comment Status       D       FEC         The title of Table 45-31b should contain the name of the register as per the rest of Clause 45 registers.       Suggested/Remedy       Change the title of Table 45-31b from "SOG PMA/PMD extended ability 1 register bit definitions"       The proposed changes to Clause 108 are not adequate to describe 10GBASE-R operation 43 (and the title of Table 45-31b from "SOG PMA/PMD extended ability 1 register bit definitions"       The proposed changes to Clause 108 are not adequate to describe 10GBASE-R operation 43 (and the title of Table 45-31b from "SOG PMA/PMD extended ability 1 register bit definitions"       The proposed changes to Clause 108 are not adequate to describe 10GBASE-R operation 43 (and the title of Table 45-31b should ability 2 register bit definitions"         Proposed Response       Response Status W       P39       L24       1         PROPOSED ACCEPT.       Independent       Comment Situs D       Change first sentence of 108.1 to: "This subclause specifies a Reed-Solomon Forward Error Correction (RS-FEC) sublayer for 10GBASE-R and 25GBASE-R PHYs".       Change first sentence of 108.2 to: "The subclause specifies a Reed-Solomon Forward Error Correction intable 78.1 was defined by Comments-Final-byD.pdf#page=14       Change first sentence of second paragraph of 108.2 to: "The subclause specifies a bit stream to the 25GBASE-R PHYs".         Change the order of the 50G PHYs to:       Suggested/Remedy       Change the order of the 50G PHYs to:       In 108.2 change: The PCS (or PMA) continuously sends a bit stream to the PCS (or PMA) using the 5CS/RASE-R RS-FEC costinuously sends a bit stream to the PCS (or PMA) using t	Cl <b>45</b>	SC 45.2.1.27b		L18	# 4		SC 108	P <b>40</b>	L <b>7</b>	# <u>5</u> 1
The fille of Table 45-31b should contain the name of the register as per the rest of Clause 45 registers. SuggestedRemedy Change the title of Table 45-31b from "50G PMA/PMD extended ability 1 register bit definitions" Proposed Response Response Status W PROPOSED ACCEPT. Cr 78 SC 78.1.4 P39 L24 # 5 Anslow, Pete Independent Comment Type R Comment Status D The order of rows in Table 78-1 was defined by Comment #65 against P802.3cj D.0: https://www.ieee802.org/3(cjcomments/P802-D2D-D2D-COmments-Final-by/D.pdf#page=14 The 25G PHYs are in line with this order, but the 50G ones are not. SuggestedRemedy Change the order of the 50G PHYs to:			•			,			sign Systems	
45 registers. SuggestedRemedy Change the title of Table 45-31b from "50G PMA/PMD extended ability 1 register bit definitions" to "BiDi PMA/PMD extended ability 2 register bit definitions" Proposed Response Response Response Status W PROPOSED ACCEPT. C1 78 SC 78.1.4 P39 L24 # 5 C1 78 SC 78.1.4 P39 L24 # 5 SC 78.1.4 P39 SC		<i></i>								-
SuggestedRemedy         Change the tille of Table 45-31b from "50G PMA/PMD extended ability 1 register bit definitions"         Proposed Response       Response Status         Proposed Response       Response Status         PROPOSED ACCEPT.       Independent         Cr 76       SC 78.1.4       P39       L24       # 5         Anslow, Pete       Independent       Comment Status D       The proposed (Respect) sublayer for 10GBASE-R and 25GBASE-R PHYs."         Change first sentence of 108.2 to: "This clause specifies a Reed-Solomon Forward Error Correction (RS-FEC) sublayer."       Change first sentence of 108.2 to: "This clause specifies the services provided by the RS-FEC sublayer."         Change first sentence of 108.2 to: "The FEC Service interface is provided to allow the 25GBASE-R PHYs"       Change first sentence of 108.2 to: "The FEC Service interface is provided to allow the 25GBASE-R PHYs"."         SuggestedRemedy       Change the order of the 50G PHYs to:			should contain the name of	the register as	per the rest of Clause		•	es to Clause 108 are not adeq	uate to describ	e 10GBASE-R operation
Change the title of Table 45-31b from "S0G PMA/PMD extended ability 1 register bit definitions" to "BIDI PMA/PMD extended ability 2 register bit definitions" to "BIDI PMA/PMD extended ab	Suggeste	edRemedy				00	2	es to Clause 108 are not suffic	cient to support	10G operation At least
PROPOSED ACCEPT. PROPOSED ACCEPT. C/ 78 SC 78.1.4 P39 L24 # 5 Anslow, Pete Independent Comment Type ER Comment Status D The order of rows in Table 78-1 was defined by Comments/F8023-D2p0-Comments-Final-bylD.pdf#page=14 The 25G PHYs are in line with this order, but the 50G ones are not. Suggested/Remedy Change the order of the 50G PHYs to:						make the	following ch	anges to Clause 108.		·
PROPOSED ACCEPT.         CI 78       SC 78.1.4       P39       L24       # 5         Anslow, Pete       Independent         Comment Type       ER       Comment Status D         The order of rows in Table 78-1 was defined by Comments-Final-byID.pdf#page14       The order of rows in Table 78-1 was defined by Comments-Final-byID.pdf#page14         The order of the 50G PHYs are in line with this order, but the 50G ones are not.       SuggestedRemedy         Change the order of the 50G PHYs to:       In 108.2 change: "The PCS (or PMA) continuously sends a bit stream to the 25GBASE-R         SOGBASE-BR10       SoGBASE-BR10         SOGBASE-BR20       SoGBASE-BR20         SOGBASE-BR20       SoGBASE-BR20         SOGBASE-BR20       SoGBASE-BR20         SOGBASE-BR20       SoGBASE-BR20         SOGBASE-BR20       SoGBASE-BR20         SOGBASE-BR20       SoGBASE-BR20         SOGBASE-BR20       SoGBASE-R         SOGBASE-BR20       SoGBASE-R </td <td>Proposed</td> <td>d Response</td> <td>Response Status W</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Proposed	d Response	Response Status W							
Cl 78       SC 78.1.4       P39       L24       # 5         Anslow, Pete       Independent         Comment Type       ER       Comment Status       D         The order of rows in Table 78-1 was defined by Comments-Final-byID.pdf#page=14       The SCP PHYs are in line with this order, but the 50G ones are not.       SSP SCP PHYs are in line with this order, but the 50G ones are not.         SuggestedRemedy       Change first sentence of 108.2 to: "This subclause specifies the service interface."       Instert a new third paragraph to 108.2 to: "The FEC service interface."         SuggestedRemedy       Change the order of the 50G PHYs to:        Instert a new third paragraph to 108.2 to: "The FEC service interface."         SoGBASE-FR       SOGBASE-FR       SoGBASE-FR       SoGBASE-FR       SoGBASE-FR         SoGBASE-BR10       SoGBASE-BR20       SoGBASE-BR20       SoGBASE-BR20         SoGBASE-BR20       SoGBASE-BR20       SoGBASE-R       SoGBASE-R         SoGBASE-BR40       SoGBASE-R       NITDATA request(x, bit) primitive, at a nominal signaling rate of 25.78125 GBd         SoGBASE-BR40       SoGBASE-R       Nesspece Response Status       W         PROPOSED ACCEPT.       PROPOSED ACCEPT.       PROPOSED ACCEPT.       PROPOSED ACCEPT IN PRINCIPLE.	PRO	POSED ACCEPT.								
Ansiow, Pete Independent Independent Independent Comment Type ER Comment Status D The order of rows in Table 78-1 was defined by Comment #65 against P802.3cj D2.0: https://www.ieee802.org/3/cj/comments/P8023-D2p0-Comments-Final-byID.pdf#page=14 The 25G PHYs are in line with this order, but the 50G ones are not. SuggestedRemedy Change the order of the 50G PHYs to: SuggestedRemedy Change the the order of the 50G PHY										
<ul> <li>Ninsum, Peter independent</li> <li>Comment Type ER Comment Status D</li> <li>The order of rows in Table 78-1 was defined by Comment #65 against P802.3cj D2.0: https://www.ieee802.org/3/cj/comments/P8023-D2p0-Comments-Final-bylD.pdf#page=14 The 25G PHYs are in line with this order, but the 50G ones are not.</li> <li>SuggestedRemedy</li> <li>Change the order of the 50G PHYs to:</li> <li></li> <li>SoGBASE-FR</li> <li>SoGBASE-RR</li> <li>SoGBASE-BR10</li> <li>SoGBASE-BR10</li> <li>SoGBASE-BR20</li> <li>SoGBASE-BR20</li> <li>SoGBASE-BR40</li> <li>SoGBASE-BR40</li> <li>SoGBASE-BR40</li> <li>SoGBASE-BR40</li> <li>SoGBASE-BR40</li> <li>SoGBASE-BR40</li> <li>SoGBASE-BR40</li> <li>SoGBASE-BR40</li> <li>SoGBASE-RR</li> <li>Proposed Response Response Status W</li> <li>PROPOSED ACCEPT.</li> <li>PROPOSED ACCEPT.</li> <li>Independent</li> <li>Proposed Response Response Status W</li> <li>PROPOSED ACCEPT.</li> <li>PROPOSED ACCEPT.</li> <li>Proposed Response Response Status W</li> <li>PROPOSED ACCEPT.</li> <li>PROPOSED ACCEPT.</li> </ul>	CI 78	SC 78.1.4	P <b>39</b>	L <b>24</b>	# 5		,			. ,
Comment Type       ER       Comment Status       D         The order of rows in Table 78-1 was defined by Comment #65 against P802.3cj D2.0: https://www.ieee802.org/3/cj/comments/P8023-D2p0-Comments-Final-bylD.pdf#page=14       Insert a new third paragraph to 108.2: "When used with a 10GBASE-R PHY the serial PMA defined in Clause 51 is the client of the FEC service interface."         SuggestedRemedy       Change the order of the 50G PHY's to:       In 108.2 change: "The PCS (or PMA) continuously sends a bit stream to the PCS (or PMA) using the PEC:IS_UNITDATA.request(tx_bit) primitive, at a nominal signaling rate of 25.78125 GBd.         SugBASE-BR10       SoGBASE-LR         SoGBASE-LR       SoGBASE-BR20         SoGBASE-BR20       SoGBASE-BR20         SoGBASE-ER       SoGBASE-R <i>method by Comments WW</i> PROPOSED ACCEPT.         PROPOSED ACCEPT.       W	Anslow, F	Pete	Independent							
The order of rows in Table 78-1 was defined by Comment #65 against P802.3cj D2.0: https://www.ieee802.org/3/cj/comments/P8023-D2p0-Comments-Final-byID.pdf#page=14 The 25G PHYs are in line with this order, but the 50G ones are not. SuggestedRemedy Change the order of the 50G PHYs to:  50GBASE-BRR 50GBASE-BR10 50GBASE-BR20 50GBASE-BR20 50GBASE-BR20 50GBASE-BR40 50GBASE-BR40 50GBASE-BR40 50GBASE-BR40 50GBASE-BR40 50GBASE-BR40 50GBASE-BR40 50GBASE-BR20 50GBASE-BR40 50GBASE-BR20 50GBASE-BR20 50GBASE-BR20 50GBASE-BR20 50GBASE-BR20 50GBASE-BR20 50GBASE-BR20 50GBASE-BR40 50G	Commen	t Type ER	Comment Status D				o allow the	25GBASE-R PCS to transfer I	information to a	and from the 25GBASE-R
The 25G PHYs are in line with this order, but the 50G ones are not. SuggestedRemedy Change the order of the 50G PHYs to: SuggestedRemedy Change the order of the 50G PHYs to: SuggestedRemedy Change the order of the 50G PHYs to: SuggestedRemedy Change the order of the 50G PHYs to: SuggestedRemedy Change the order of the 50G PHYs to: SuggestedRemedy Change the order of the 50G PHYs to: SuggestedRemedy Change the order of the 50G PHYs to: SuggestedRemedy Change the order of the 50G PHYs to: SuggestedRemedy Change the order of the 50G PHYs to: SuggestedRemedy Change the order of the 50G PHYs to: SuggestedRemedy Change the order of the 50G PHYs to: SuggestedRemedy Change the order of the 50G PHYs to: SuggestedRemedy Change the order of the 50G PHYs to: SuggestedRemedy Change the order of the 50G PHYs to: SuggestedRemedy Change the order of the 50G PHYs to: SuggestedRemedy Change the order of the 50G PHYs to: SuggestedRemedy SuggestedRemedy Change the order of the 50G PHYs to: SuggestedRemedy						Insert a n				SE-R PHY the serial PMA
SuggestedRemedy       RS-FEC using the FEC:IS_UNITDATA.request(tx_bit) primitive, at a nominal signaling rate of 25.78125 GBd.         Change the order of the 50G PHYs to:       The 25GBASE-R         50GBASE-FR       GBd. The actual signaling rate is equal to the underlying PMD signaling rate."         50GBASE-BR10       GBd. The actual signaling rate is equal to the underlying PMD signaling rate."         50GBASE-BR10       The PCS (or PMA) continuously sends a bit stream to the RS-FEC using the FEC:IS_UNITDATA.request(tx_bit) primitive, at a nominal signaling rate."         50GBASE-BR20       The PCS (or PMA) continuously sends a bit stream to the RS-FEC using the FEC:IS_UNITDATA.request(tx_bit) primitive, at a nominal signaling rate of 25.78125 GBd for 20GBASE-R.         50GBASE-BR40       The RS-FEC continuously sends a bit stream to the PCS (or PMA) using the FEC:IS_UNITDATA.indication(rx_bit) primitive, at a nominal signaling rate of 25.78125 GBd for 20GBASE-R.         7Proposed Response       Response Status       W         PROPOSED ACCEPT.       Proposed Response       Response Status					al-byID.pdf#page=14					
Suggesteakeredy       of 25.78125 GBd.         Change the order of the 50G PHYs to:       The 25GBASE-R RS-FEC continuously sends a bit stream to the PCS (or PMA) using the         To:       The 25GBASE-R RS-FEC continuously sends a bit stream to the PCS (or PMA) using the         50GBASE-BR10       SougBASE-LR         50GBASE-BR20       GBd. The actual signaling rate of 25.78125 GBd.         50GBASE-BR20       The PCS (or PMA) continuously sends a bit stream to the RS-FEC using the         50GBASE-BR40       The RS-FEC continuously sends a bit stream to the RS-FEC using the         50GBASE-BR40       The RS-FEC continuously sends a bit stream to the PCS (or PMA) using the         50GBASE-RR       FEC:IS_UNITDATA.request(tx_bit) primitive, at a nominal signaling rate of 25.78125 GBd         for 25GBASE-R and at 10.3125 GBd for 20GBASE-R.       The RS-FEC continuously sends a bit stream to the PCS (or PMA) using the         FEC:IS_UNITDATA.indication(rx_bit) primitive, at a nominal signaling rate of 25.78125 GBd       FC:IS_UNITDATA.indication(rx_bit) primitive, at a nominal signaling rate of 25.78125 GBd         for 25GBASE-RR       FEC:IS_UNITDATA.indication(rx_bit) primitive, at a nominal signaling rate of 25.78125 GBd         for 25GBASE-RR       FEC using the         free       FEC:IS_UNITDATA.indication(rx_bit) primitive, at a nominal signaling rate of 25.78125 GBd         for 25GBASE-RR       for 25GBASE-R. and at 10.3125 GBd for 20GBASE-R. The actual signaling rate is equal to the und			ie with this order, but the 50G	ones are not.						
Figure 1         50GBASE-FR       50GBASE-BR10         50GBASE-BR10       GBd. The actual signaling rate is equal to the underlying PMD signaling rate."         50GBASE-BR20       To: "The PCS (or PMA) continuously sends a bit stream to the RS-FEC using the         50GBASE-BR40       S0GBASE-BR40         50GBASE-ER       To: "SGBASE-R and at 10.3125 GBd for 20GBASE-R.         50GBASE-ER       The RS-FEC continuously sends a bit stream to the PCS (or PMA) using the         50GBASE-ER       The RS-FEC continuously sends a bit stream to the PCS (or PMA) using the         50GBASE-ER       The RS-FEC continuously sends a bit stream to the PCS (or PMA) using the         50GBASE-ER       The RS-FEC continuously sends a bit stream to the PCS (or PMA) using the         50GBASE-ER       The RS-FEC continuously sends a bit stream to the PCS (or PMA) using the         50GBASE-ER       The RS-FEC continuously sends a bit stream to the PCS (or PMA) using the         50GBASE-ER       The RS-FEC continuously sends a bit stream to the PCS (or PMA) using the         50GBASE-R       The underlying PMD signaling rate."         Proposed Response       Response Status W         PROPOSED ACCEPT.       Proposed Response       Response Status W         PROPOSED ACCEPT IN PRINCIPLE.       PROPOSED ACCEPT IN PRINCIPLE.	00						0		ла) ро, с.	
50GBASE-FR       GBd. The actual signaling rate is equal to the underlying PMD signaling rate."         50GBASE-BR10       To: "The PCS (or PMA) continuously sends a bit stream to the RS-FEC using the         50GBASE-LR       FEC:IS_UNITDATA.request(tx_bit) primitive, at a nominal signaling rate of 25.78125 GBd         50GBASE-BR20       for 25GBASE-R and at 10.3125 GBd for 20GBASE-R.         50GBASE-BR40       The RS-FEC continuously sends a bit stream to the PCS (or PMA) using the         50GBASE-ER       The RS-FEC continuously sends a bit stream to the PCS (or PMA) using the         50GBASE-ER       FEC:IS_UNITDATA.indication(rx_bit) primitive, at a nominal signaling rate of 25.78125 GBd         or       Proposed Response       Response Status         PROPOSED ACCEPT.       PROPOSED ACCEPT IN PRINCIPLE.       PROPOSED ACCEPT IN PRINCIPLE.	Char	nge the order of the	50G PHYs to:							
50GBASE-BR10       To: "The ACCI or Spitaling Table is equal to the Underlying TMD signaling rate of 25.78125 GBd for 20GBASE-R.         50GBASE-BR20       50GBASE-BR40         50GBASE-ER       50GBASE-ER         50GBASE-ER       The RS-FEC continuously sends a bit stream to the PCS (or PMA) using the Sector of the PCS (or PMA) using the FEC:IS_UNITDATA.indication(rx_bit) primitive, at a nominal signaling rate of 25.78125 GBd for 25GBASE-R.         50GBASE-BR40       The RS-FEC continuously sends a bit stream to the PCS (or PMA) using the FEC:IS_UNITDATA.indication(rx_bit) primitive, at a nominal signaling rate of 25.78125 GBd for 25GBASE-R.         70CPOSED ACCEPT.       Response Status W         PROPOSED ACCEPT.       Proposed Response         Response Status W       PROPOSED ACCEPT IN PRINCIPLE.	 50GE	BASE-FR								
50GBASE-LR       FEC:IS_UNITDATA.request(tx_bit) primitive, at a nominal signaling rate of 25.78125 GBd         50GBASE-BR20       for 25GBASE-R and at 10.3125 GBd for 20GBASE-R.         50GBASE-BR40       The RS-FEC continuously sends a bit stream to the PCS (or PMA) using the         50GBASE-ER       The RS-FEC continuously sends a bit stream to the PCS (or PMA) using the         50GBASE-ER       FEC:IS_UNITDATA.indication(rx_bit) primitive, at a nominal signaling rate of 25.78125 GBd          Proposed Response       Response Status         PROPOSED ACCEPT.       Proposed Response       Response Status         PROPOSED ACCEPT.       Proposed Response       Response Status       W	50GE	BASE-BR10								
50GBASE-BR40       50GBASE-R         50GBASE-ER       The RS-FEC continuously sends a bit stream to the PCS (or PMA) using the          FEC:IS_UNITDATA.indication(rx_bit) primitive, at a nominal signaling rate of 25.78125 GBd         or       Fec:IS_UNITDATA.indication(rx_bit) primitive, at a nominal signaling rate of 25.78125 GBd         or       Proposed Response         Response Status W       PROPOSED ACCEPT.         PROPOSED ACCEPT.       Proposed Response         Response Status W       PROPOSED ACCEPT IN PRINCIPLE.						FEC:IS_U	NITDATA.r	equest(tx_bit) primitive, at a n	ominal signalin	
50GBASE-ER       FEC:IS_UNITDATA.indication(rx_bit) primitive, at a nominal signaling rate of 25.78125 GBd          FEC:IS_UNITDATA.indication(rx_bit) primitive, at a nominal signaling rate of 25.78125 GBd         Proposed Response       Response Status         PROPOSED ACCEPT.       Proposed Response         Response       Response Status         PROPOSED ACCEPT.       Proposed Response         Response       Response Status         PROPOSED ACCEPT.       Proposed Response         Response Status       PROPOSED ACCEPT IN PRINCIPLE.										) using the
for 25GBASE-R and at 10.3125 GBd for 20GBASE-R. The actual signaling rate is equal to the underlying PMD signaling rate."         Proposed Response       Response Status       W         PROPOSED ACCEPT.       Proposed Response       Response Status       W         PROPOSED ACCEPT.       Proposed Response       Response Status       W         PROPOSED ACCEPT.       PROPOSED ACCEPT IN PRINCIPLE.										
PROPOSED ACCEPT. Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE.						for 25GB/	SE-R and	at 10.3125 GBd for 20GBASE		
PROPOSED ACCEPT IN PRINCIPLE.	Proposed	d Response	Response Status W			the under	ying PMD s	ignaling rate."		
	PRO	POSED ACCEPT.				Proposed Res	ponse	Response Status W		
Need group discussion						PROPOS	ED ACCEP	T IN PRINCIPLE.		
						Need grou	ıp discussio	on		

Pa **40** Li **7** 

C/ 157 SC 157.1.4 P41 L51 # <u>27</u>	C/ 157 SC 157.1.4 P44 L12 # 6
Dawe, Piers Nvidia	Anslow, Pete Independent
Comment Type E Comment Status D	Comment Type ER Comment Status D
In "Implementations conforming to one or more PHY types mustshall meet the requirements of the corresponding clauses.", there's a "shall" but there's no PICS for it, which won't do.	In Table 157-3, Table 157-4, and Table 157-5, the column headings for the PMDs do not follow the established practice in 802.3.
Compare 56.1.3 Physical Layer signaling systems: "A complete implementation conforming to one or more nomenclatures meets the requirements of the corresponding clauses."	SuggestedRemedy In Table 157-3:
SuggestedRemedy	Delete "10 Gb/s PMD" Change "10 km" to "10GBASE-BR10"
Change to "Implementations conforming to one or more PHY types meet the requirements of the corresponding clauses."	Change "20 km" to "10GBASE-BR20" Change "40 km" to "10GBASE-BR40" In Table 157-4:
Proposed Response Response Status W	Delete "25 Gb/s PMD" Change "10 km" to "25GBASE-BR10"
PROPOSED ACCEPT.	Change "20 km" to "25GBASE-BR20"
2/ 157 SC 157.2.4 P44 L1 # 52	Change "40 km" to "25GBASE-BR40" In Table 157-5:
Iarris, Arthur Cadence Design Systems	Delete "50 Gb/s PMD" Change "10 km" to "50GBASE-BR10"
Comment Type TR Comment Status D FEC	Change "20 km" to "50GBASE-BR10"
The Clause 51 PMA 16-bit service interface is incompatable with the serial client interface of the Clause 108 RS-FEC. Therefore the clause correlation in Table 157-3 does not work for 10GBASE-BR20. Same issue in Table 158-1	Change "40 km" to "50GBASE-BR40" Proposed Response Response Status W PROPOSED ACCEPT.
SuggestedRemedy	
Define a new PMA for 10GBASE-BR20 or modify clause 109 to support 10GBASE-R.	C/ 157 SC 157.2.1 P45 L37 # 20
Proposed Response Response Status W	Dawe, Piers Nvidia
PROPOSED ACCEPT IN PRINCIPLE.	Comment Type E Comment Status D
A presentation will be submitted with detailed proposal.	the specific RS and xMII specified for each is
	SuggestedRemedy
	Make it match 157.2.2, 157.2.3, 157.2.4 and 157.2.5: the specific RS and xMII for each are
	Proposed Response Response Status W
	PROPOSED ACCEPT.

Pa **45** Li **37** 

2/ 157	SC 157.6	P <b>47</b>	L15	# <u>3</u> 0		C/ 158	SC 158.1	P <b>48</b>	L <b>33</b>	# <u>2</u> 4
Dawe, Piers	s	Nvidia				Dawe, Piers		Nvidia		
Comment T	Туре Е	Comment Status D			ΕZ	Comment T	vpe E	Comment Status D		
Suggested						can be a	applied to 10GI	)8 describes an FEC for 25GE BASE-BRx PHYs" applies to an be tightened up.	,	
ONU si	ilent start					SuggestedF	Remedy			
Proposed R PROPC	Response OSED ACCEPT.	Response Status W				hot link.	Change sente	the cross-reference to 108 so ence to: an FEC for 25GBASE-R PHY		
C/ 158	SC 158.1	P <b>48</b>	L16	# 23			SE-BR20 PHY		,	
Dawe, Piers	s	Nvidia				Proposed R	esponse	Response Status W		
Comment T	Type <b>TR</b>	Comment Status D				PROPC	SED ACCEPT			
		ment 266: Clause 45 is one			nt;	C/ 158	SC 158.1.1	P <b>48</b>	L <b>46</b>	# 57
		ible. That's why all recent cl that may be accessible throu			ned	Stassar. Pe		Huawei		
						Slassal, Fe		Tuawer		
	se 45, *** or equ		0 0			Comment T	ine ED	Comment Status D		
in Claus Suggested Change	se 45, *** or equ <i>Remedy</i> e "defined in Clau		e 45, or equivaler	nt", consistent with	159	Comment T Cross re same pa	eference to be	Comment Status <b>D</b> to "Clause 108" as a whole a	nd not only to "1	08". Also in Line 50,
in Claus Suggested Change and 160	se 45, *** or equ <i>Remedy</i> e "defined in Clau 0.	ivalent ***. use 45" to "defined in Clause	e 45, or equivale	nt", consistent with	159	Cross re	eference to be age.		nd not only to "1	08". Also in Line 50,
in Claus Suggested Change and 160 Proposed F	se 45, *** or equ <i>Remedy</i> e "defined in Clau 0. Response	ivalent ***.	e 45, or equivaler	nt", consistent with	159	Cross re same pa SuggestedF	eference to be a age. Remedy			08". Also in Line 50,
in Claus Suggested Change and 160 Proposed F	se 45, *** or equ <i>Remedy</i> e "defined in Clau 0.	ivalent ***. use 45" to "defined in Clause	e 45, or equivale	nt", consistent with	159	Cross re same pa SuggestedF	eference to be age. Remedy cross reference	to "Clause 108" as a whole a		08". Also in Line 50,
in Claus Suggested Change and 160 Proposed F	se 45, *** or equ <i>Remedy</i> e "defined in Clau 0. Response	ivalent ***. use 45" to "defined in Clause	e 45, or equivalen	nt", consistent with # 25	159	Cross re same p SuggestedF Modify o Proposed R	eference to be age. Remedy cross reference	to "Clause 108" as a whole an e from "108" to "Clause 108", <i>Response Status</i> <b>W</b>		08". Also in Line 50,
in Claus Suggested Change and 160 Proposed R PROPC	se 45, *** or equ <i>Remedy</i> e "defined in Clau 0. Response OSED ACCEPT. SC <b>158.1</b>	ivalent ***. use 45" to "defined in Clause <i>Response Status</i> <b>W</b>			159	Cross re same p SuggestedF Modify o Proposed R	r eference to be age. <i>Remedy</i> cross reference esponse	to "Clause 108" as a whole an e from "108" to "Clause 108", <i>Response Status</i> <b>W</b>		08". Also in Line 50, # 26
in Claus Guggestedf Change and 160 Proposed R PROPC Cl <b>158</b> Dawe, Piers Comment T	se 45, *** or equ Remedy e "defined in Clau 0. Response OSED ACCEPT. SC <b>158.1</b> s Type <b>T</b>	ivalent ***. use 45" to "defined in Clause <i>Response Status</i> <b>W</b> <i>P</i> 48 Nvidia <i>Comment Status</i> <b>D</b>	L <b>32</b>	# <u>2</u> 5	FEC	Cross re same p SuggestedF Modify o Proposed R PROPC	SC <b>158.1.1</b>	to "Clause 108" as a whole an e from "108" to "Clause 108", <i>Response Status</i> <b>W</b>	twice.	
in Claus Guggestedf Change and 160 Proposed R PROPC 21 <b>158</b> Dawe, Piers Comment T Table 1	se 45, *** or equ Remedy e "defined in Clau 0. Response OSED ACCEPT. SC <b>158.1</b> s Type <b>T</b>	ivalent ***. use 45" to "defined in Clause <i>Response Status</i> <b>W</b> <i>P</i> <b>48</b> Nvidia	L <b>32</b>	# <u>2</u> 5	FEC	Cross re same p SuggestedF Modify o Proposed R PROPC C/ <b>158</b> Dawe, Piers	SC <b>158.1.1</b>	to "Clause 108" as a whole an e from "108" to "Clause 108", <i>Response Status</i> <b>W</b>	twice.	
in Claus Guggested Change and 160 Proposed R PROPC Cl <b>158</b> Dawe, Piers Comment T Table 1 too.	se 45, *** or equ <i>Remedy</i> e "defined in Clau 0. Response OSED ACCEPT. SC <b>158.1</b> s <i>Type</i> <b>T</b> 159-1 has an imp	ivalent ***. use 45" to "defined in Clause <i>Response Status</i> <b>W</b> <i>P</i> 48 Nvidia <i>Comment Status</i> <b>D</b>	L <b>32</b>	# 25	FEC	Cross re same p SuggestedF Modify o Proposed R PROPC	ype E	to "Clause 108" as a whole an e from "108" to "Clause 108", <i>Response Status</i> <b>W</b> <i>P</i> <b>49</b> Nvidia	twice.	
in Claus Suggested Change and 160 Proposed R PROPC 7 <b>158</b> Pawe, Piers Comment 7 Table 1 too. Suggested	se 45, *** or equ Remedy e "defined in Clau 0. Response OSED ACCEPT. SC <b>158.1</b> s Type <b>T</b> 159-1 has an imp Remedy	ivalent ***. use 45" to "defined in Clause <i>Response Status</i> <b>W</b> <i>P</i> 48 <i>Nvidia Comment Status</i> <b>D</b> portant note excluding FEC b	L 32 vypass. Presuma	# 25	FEC	Cross re same pa SuggestedF Modify of Proposed R PROPC CI 158 Dawe, Piers Comment T Blank lin	r, eference to be age. Remedy cross reference esponse ISED ACCEPT SC 158.1.1 ype E ne	to "Clause 108" as a whole an e from "108" to "Clause 108", <i>Response Status</i> <b>W</b> <i>P</i> <b>49</b> Nvidia	twice.	
in Claus Guggested Change and 160 Proposed R PROPC 7 <b>158</b> Dawe, Piers Comment 7 Table 1 too. Guggested Insert n	se 45, *** or equ Remedy e "defined in Clau 0. Response OSED ACCEPT. SC <b>158.1</b> s Type <b>T</b> 159-1 has an imp Remedy note: "The option	ivalent ***. use 45" to "defined in Clause <i>Response Status</i> <b>W</b> <i>P</i> 48 Nvidia <i>Comment Status</i> <b>D</b>	L 32 vypass. Presuma	# 25	FEC	Cross re same p SuggestedF Modify o Proposed R PROPC CI 158 Dawe, Piers Comment T	y eference to be age. Remedy cross reference esponse SED ACCEPT SC 158.1.1 ype E ne Remedy	to "Clause 108" as a whole an e from "108" to "Clause 108", <i>Response Status</i> <b>W</b> <i>P</i> <b>49</b> Nvidia	twice.	
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in Claus Suggestedf Change and 160 Proposed R PROPC Cl <b>158</b> Dawe, Piers Comment T Table 1 too. Suggestedf Insert n support Proposed R	se 45, *** or equ Remedy e "defined in Clau 0. Response OSED ACCEPT. SC <b>158.1</b> s Type <b>T</b> 159-1 has an imp Remedy note: "The option ted."	ivalent ***. use 45" to "defined in Clause <i>Response Status</i> <b>W</b> <i>P</i> 48 Nvidia <i>Comment Status</i> <b>D</b> portant note excluding FEC b to bypass the Clause 108 R <i>Response Status</i> <b>W</b>	L 32 vypass. Presuma	# 25	FEC	Cross re same pa SuggestedF Modify of Proposed R PROPC CI 158 Dawe, Piers Comment T Blank lin SuggestedF Remove Proposed R	Age. Semedy cross reference esponse SED ACCEPT SC 158.1.1 ype E Remedy esponse	to "Clause 108" as a whole an e from "108" to "Clause 108", <i>Response Status</i> W <i>P</i> 49 Nvidia <i>Comment Status</i> D <i>Response Status</i> W	twice.	
in Claus Suggested Change and 160 Proposed R PROPC Cl <b>158</b> Dawe, Piers Comment T Table 1 too. Suggested Insert n support Proposed R PROPC	se 45, *** or equ Remedy e "defined in Clau 0. Response DSED ACCEPT. SC 158.1 s Type T 159-1 has an imp Remedy note: "The option ted." Response DSED ACCEPT	ivalent ***. use 45" to "defined in Clause <i>Response Status</i> <b>W</b> <i>P</i> 48 Nvidia <i>Comment Status</i> <b>D</b> portant note excluding FEC b to bypass the Clause 108 R <i>Response Status</i> <b>W</b>	L <b>32</b> vypass. Presuma S-FEC correctio	# 2 <u>5</u> ably this applies he	FEC pre,	Cross re same pa SuggestedF Modify of Proposed R PROPC CI 158 Dawe, Piers Comment T Blank lin SuggestedF Remove Proposed R	, eference to be age. Remedy cross reference esponse SED ACCEPT SC <b>158.1.1</b> ype <b>E</b> ne Remedy	to "Clause 108" as a whole an e from "108" to "Clause 108", <i>Response Status</i> W <i>P</i> 49 Nvidia <i>Comment Status</i> D <i>Response Status</i> W	twice.	

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C/ 158	SC 158.1	P <b>49</b>	L14	# <u>2</u> 9		C/ 158	SC 158	3.1	P <b>53</b>	L10	# 48	
awe, Piers	5	Nvidia				Maki, Jeffei	гy		Juniper Netw	orks		
omment 1	Гуре Т	Comment Status D			FEC	Comment 7	Гуре Т	R	Comment Status D			lin
The RS	S-FEC is required	to be present or absent dep	ending on PHY	type.					ed that that two PHYs for e			
uggestedl	•					D Rx s	pecs. Two	kinds c	PHY with -U Tx and -U Rx s of modules would be built ir	, the industry: (1	I) a -U Tx and a	a -D Rx
Add the TYPE	e same note as ii	n figs 56-1a and 157-1: "NOT	E 1CONDITIO	ONAL BASED OI	N PHY	implicit	ly two kine	ds of PN	. Now the draft has change MDs, a "up" PMD and a "do	wn" PMD as inc	licated by the s	wapping
Proposed F PROP(	Response DSED ACCEPT.	Response Status W				in the d one fine	lraft. In pa ds for exa	rticular, mple in	vavelengths specs. This is there is no clear definition Cluase 58.1 for 100BASE-	of an "up" PMD	and a "down"	PMD as
2 158	SC 158.6.1	P53	L	# 36				SE-BX	10-U PMD at the other."			
awe, Piers	6	Nvidia				Suggestedl Update	-					
omment 1	Гуре <b>т</b>	Comment Status D						e these	PMDs are jointly referred to	o by the term 10	)GBASE-BRx-D	DPMD at
Do you	want to make th	e average launch power of C	FF transmitter	lower, like 10GB	ASE-				E-BRx-U PMD at the other.			
		p to set the signal detect lowe			า -30	Proposed F	Response		Response Status W			
		20 because that's not far belo	w its sensitivity			PROPO	OSED RE	JECT.				
uggestedl	Remedy					See co	mment#1	9				
Proposed F	Response	Response Status W				C/ 158	SC 158	6.1	P <b>53</b>	L <b>29</b>	# 35	
PROPO	DSED REJECT.					Dawe, Piers	S		Nvidia			
Reuse	10GBASE-R spe	ecs here				Comment 7	Гуре Е		Comment Status D			Ε
	<u>'</u>			"			ode Supp					
/ 158	SC 158.6	P <b>53</b>	L10	# <u>2</u> 8			Return Le					
awe, Piers		Nvidia				Suggested		Jotanoo				
omment 7	51	Comment Status D	_		FEC	00	ode supp	occion	ratio			
Table 1 too.	59-6 has an imp	ortant note excluding FEC by	/pass. Presum	ably this applies	here,		return los					
	Domodu						nitter refle					
Suggested	•	DD20 "The DC EEC correcti	on function may	, not be hundred	dfor				Amplitude should keep its c Receiver Reflectance in Ta		clauses 150 1	60
Add no	erating distance.	-BR20 "The RS-FEC correction" "	on function may	/ not be bypasse				55 (C.y.		able 150-7) and	clauses 159, 1	00
						Proposed F		оерт II	Response Status W			
any ope	Response	Response Status W										
any ope roposed F	Response DSED ACCEPT	Response Status W				PROPU	JSED AC		N FRINCIFLE.			

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general	Pa <b>53</b>
COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn	ו <i>Li</i> <b>29</b>
SORT ORDER: Page, Line	

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C/ 158	SC 158.6.1	P <b>53</b>	L <b>49</b>	# 33		C/ 158	SC 158.6.2	P 54	L30	# 37
Dawe, Piers	5	Nvidia				Dawe, Pier	ſS	Nvidia		
Comment T	уре Е	Comment Status D			EZ	Comment	Type <b>TR</b>	Comment Status D		FE
		come separated, on the fol	lowing page					FEC so VECP, which was cho rating the SRS for this PMD.	osen for a no-F	EC situation, may not
Suggested						Suggestea	IRemedv	-		
	ne table full width					00		see 95.8.8.2 and 95.8.5, but cl	hoose a limit ap	propriate for this PMD)
Proposed R PROPC	Response DSED ACCEPT.	Response Status W				Proposed	Response	Response Status W		,
2/ 450	00 450 0 4		1 50	# 04		PROP	OSED REJECT			
C/ <b>158</b> Dawe, Piers	SC <b>158.6.1</b>	P <b>53</b> Nvidia	L <b>53</b>	# 34				ne optical measurement test fo than SEC, the link should be		Tests for 10GBASE-R
Comment T the Opt	<i>ype</i> <b>E</b> ical return loss to	Comment Status <b>D</b> blerance			EZ	C/ 158	SC 158.6.2	P <b>54</b>	L <b>33</b>	# 38
SuggestedF	Remedy					Dawe, Pier	ſS	Nvidia		
00	cal return loss to	lerance				Comment	51	Comment Status D		
Proposed R	•	Response Status W						s the "Maximum receive power is a little different.	(for damage)" ו	row. Also, the style in
PROPU	OSED ACCEPT.					Suggestea	-			
C/ 158	SC 158.6.2	P <b>54</b>	L	# <u>5</u> 9			ve note a Chang	ge the row: ver (for damage)		
tassar, Pe	ter	Huawei						ver (for damage)		
comment T	ype ER	Comment Status D					ge threshold			
		esults of comment resolution to frequency (max)" has be				Apply	new note a to tl	eive power (max) his row: able to tolerate, without damac	ne continuous e	exposure to an ontical
indicate	ed. Should have b	been visible for the reviewer	r in strike-throug	Jh.		input s	ignal having this	s average power level. The rec		
uggestedF	Remedy					correc	tly at this input p	oower.		
For D2. through		of "Receive electrical 3 dB ı	upper cutoff free	quency (max)" as s	trike-	Proposed PROP	,	Response Status <b>W</b> I IN PRINCIPLE.		
Proposed R	Response	Response Status W						-		
PROPC	OSED ACCEPT.					Need of	group discussio	n		
		e row in the table. But due t changes in the markup ver		settings, this was r	not					

Pa **54** Li **33** 

C/ 158	SC 158.8	P <b>55</b>	L	# <u>6</u> 8	C/ 158	SC 158.8	P55	L <b>26</b>	# <u>3</u> 1	
Stassar, P	eter	Huawei			Dawe, Pier	S	Nvidia			
Comment	Type ER	Comment Status D			Comment	Type <b>TR</b>	Comment Status D			
comm	on to call it "Defi s for 159.7 and 1	use is "Optical measurement nition of optical parameters ar 60.7			later it not req	was decided th	It requirements" this was copie nat this was incorrect; 802.3 is compliance is. So Clause 68	not a test spec,	, the measurements	
00	,	use 158.8 to "Definition of opt	ical parameters	and measurement	Suggested	Remedy				
metho					Chang					
Proposed	Response	Response Status W			Definiti	on of optical pa	arameters and measurement	methods		
•	OSED ACCEPT	•			Proposed I	Response	Response Status W			
					PROP	OSED ACCEP	Т.			
C/ 158	SC 158.8	P <b>55</b>	L	# 69	This m	akes the subcl	ause title consistent to those i	n Clauses 150 a	and 160	
Stassar, P	eter	Huawei						in Clauses 109 a		
Comment	Type <b>TR</b>	Comment Status D			C/ <b>158</b>	SC 158.8.1.	.1 P55	L <b>40</b>	# 32	
		erences to the various parame ar to 159.7 and 160.7	eter requiremer	ts are missing. Should	Dawe, Pier <i>Comment</i>		Nvidia Comment Status X		refei	r-copv
Suggested	Remedy					<i>71</i> <sup>2</sup>	aterial copied in. For example	. unless vou are		
In 158	.8 add reference	s to requirements tables for v	arious paramet	ers			ou should reference the existi			
Proposed	Response	Response Status W			technic kept.	al problems wi	ith this very old material that w	vould have to be	fixed if the material	is
PROP	OSED ACCEPT	IN PRINCIPLE.			Suggested	Remedy				
C/ 158	SC 158.6.3	P55	L17	# 60	00		copied-in material and refer ba	ack to other clau	ses as needed.	
Stassar. P		Huawei	211		Proposed I		' Response Status W			
Comment		Comment Status D			•		ethod was used in TF review s	stage, then mate	rials were copied ba	ack
	. )	ests that the channel insertion	loss has a rela	ition to TDP: A			ent resolution. Need group dis			
transm insertio param	nitter wavelength on loss, and allo	of 1260 nm with a TDP of 3 c cation for penalties in this tabl nnel insertion loss. This note	IB is used to ca e. This is wron	alculate channel g. TDP is a transmitter	Group	Comments#32	2, 43, 44			
Suggested										
Chang	je note d to: A tra	ansmitter wavelength of 1260 ively the whole note can be de		to calculate channel						
Proposed		Response Status W								

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

Pa **55** Li **40** 

C/ 158	SC 158.8.2	P <b>57</b>	L <b>32</b>	# <u>4</u> 0	C/ 158	SC 158.8.3	P <b>57</b>	L <b>40</b>	# 42			
awe, Pier	S	Nvidia			Dawe, Pie	rs	Nvidia					
Comment		Comment Status D			Comment	Type <b>TR</b>	Comment Status D					
specs SMF s	n this draft. It seer gnals are defined b	Cannot say "shall be mea ns that while MMF signals y "wavelength". 159.7.2 for examples.			Avera This m	Average optical power measurements Average optical power shall be measured using the methods specified in TI/ This measurement may be made with the node transmitting test pattern 1 or 10GBASE-BRx signal, or another representative test pattern.						
uggested	Remedy				Suggested	lRemedy						
suppre ratio (S Chang The ce optical definition valid 10 The wa IEC 61 Modify	Change subclause title from "Center wavelength, spectral width, and side mode suppression ratio (SMSR) measurements" to "Wavelength and side mode suppression ratio (SMSR)". Change content from: The center wavelength, spectral width (RMS), and SMSR shall be measured using an optical spectrum analyzer per the centroidal wavelength, RMS spectral width, and SMSR definitions in IEC 61280-1-3 under modulated conditions using an appropriate PRBS or a valid 10GBASE-BRx signal, or another representative test pattern. to: The wavelength and SMSR shall be within the range given in Table 158-6 if measured per IEC 61280-1-3. The transmitter is modulated using the test pattern defined in Table 158-11 Modify Table 158-11 so that it has rows for Wavelength and Side mode suppression ratio, with pattern 1, 3 or or valid 10GBASE-R signal (you can allow square wave for Wavelength for consistency with other recent clauses). Remove "spectral width" from the table.					ethods given in II ble 158-11, for Av "	ower shall be within the limits EC 61280-1-1. verage optical power, change for 158.8.4 and and other op <i>Response Status</i> <b>W</b> IN PRINCIPLE.	e "1 or 3" to " 1, 3	3 or valid 10GBASE			
with pa for con	ttern 1, 3 or or valions terns and the set of the set o	I 10GBASE-R signal (yoι recent clauses). Remove	I can allow squa e "spectral width	re wave for Wavelength " from the table.	C/ 158	SC 158.8.5	P <b>58</b>	L <b>1</b>	# 43			
	-	Response Status W			Dawe, Pie	rs	Nvidia					
	DSED ACCEPT IN	,			Comment Don't d	51	Comment Status X - follow the way 159.7.4 doe	es it.	refer			
Need g	roup discussion				S <i>uggested</i> Simila	<i>Remedy</i> rly for the followi	ng subclauses.					
					<i>Proposed</i> Group	Response Comments#32,	Response Status W 43, 44					
					C/ 158	SC 158.8.6.1	P <b>60</b>	L <b>1</b>	# 7			
					Anslow, Po Comment		Independent Comment Status D					
						51	ap and should be drawn in F	rameMaker so t	hat it is maintainable			
					Suggested Re-dra	<i>IRemedy</i> aw Figure 52-7 ir	n FrameMaker					
					Proposed	Response	Response Status W					

Pa **60** Li **1** 

	11 <i>P</i> 70	L <b>21</b>	# 41	C/ 158	SC 158.10	P <b>73</b>	L12	# 64	
Dawe. Piers	Nvidia			Stassar, Pe	eter	Huawei			
Comment Type T	Comment Status D			Comment 1		Comment Status D			
There is no 3 dB ele	ectrical upper cutoff frequency s	pec in this draft		The ma	aximum dispersi	on level for the 1270 nm part	is not -19/-38/-	75 ps/nm but zero ir	ו all
SuggestedRemedy				3 cases	s. This applies fo	or zero km distances			
•••	use or add such a spec.			Suggested	Remedy				
Proposed Response	Response Status W			In Tabl	e 158-13 modify	the maximum chromatic disp	persion from -1	9/-38/-75 to 0/0/0 ps	/nm
PROPOSED ACCE	•			Proposed F	Response	Response Status W			
				PROP	OSED ACCEPT				
Need group discuss	ion			C/ 158	SC 158.11.1	P73	L34	# 8	
C/ 158 SC 158.8.	7 P <b>72</b>	L12	# 39				L 34	# 0	
Dawe, Piers	Nvidia			Anslow, Pe					-
Comment Type E	Comment Status D		EZ	Comment 7	<i>Type</i> <b>E</b> font size	Comment Status D			E
158.8.2 isn't a claus	e			0					
SuggestedRemedy				Suggested	,	<b></b>			
•••	eference format so that "Clause"	" does not appe	ar. Similarly in 160.8.7.		ly paragraph tag	-			
Proposed Response	Response Status W		,,,,	Proposed F	•	Response Status W			
PROPOSED ACCE	,			PROP	DSED ACCEPT				
				C/ 159	SC 159.1	P86	L10	# 49	
C/ 158 SC 158.10	) P <b>73</b>	L	# 65	Maki, Jeffe	ry	Juniper Netwo	orks		
Stassar, Peter	Huawei			Comment T	Type TR	Comment Status D			lin
Comment Type ER	Comment Status D			Earlier	drafts clearly sta	ated that that two PHYs for ea	ach speed and	reach of Ethernet w	ere
The readability of Ta	ables 158-13 (and 159-12) if a fo	ormat similar to	Table 88-14 is used.			PHY with -U Tx and -U Rx sp of modules would be built in			
SuggestedRemedy						x. Now the draft has changed			
	-13 (and 159-12) to a format sir		8-14. A detailed proposal			MDs, a "up" PMD and a "dow			
	esentation to the relevant TF me	eeung				wavelengths specs. This is a r, there is no clear definition			
Proposed Response	Response Status W			one fin	ds for example i	n Cluase 58.1 for 100BASE-E	3X10, "100BAS	E-BX10-D PMD at c	one
PROPOSED ACCE	PT IN PRINCIPLE.					X10-U PMD at the other."			
A presentation will b	e submitted with detailed propo	osal.		Suggested	Remedy				
				Update					-
						e PMDs are jointly referred to SE-BRx-U PMD at the other.	by the term 25	GBASE-BRX-D PMI	J at
				Proposed F		Response Status W			
					OSED REJECT.	•			
				FNOF	JOLD REJECT.				
				See co	mment#19				

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Pa **86** 

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 Li 10 SORT ORDER: Page, Line

C/ 159 SC 159.7.1 P88 L # [70	C/ 159 SC 159.9 P94 L # 66
assar, Peter Huawei	Stassar, Peter Huawei
omment Type TR Comment Status D	Comment Type TR Comment Status D
Reference is made to test patterns in clause 95, whereas it should be to Table 159-9	The maximum dispersion level for the first 3 columns is not -19/-6/-11 ps/nm but 0/0/0
uggestedRemedy	ps/nm. This applies for zero km distances. Furthermore in some cases the rounding of the dispersion has been downwards instead of upwards, e.g. 39.5 to 39 instead of 40.
Modify reference to test patterns from clause 95 to Table 159-9	SuggestedRemedy
roposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE.	In Table 159-12 modify the chromatic dispersion from -19/-6/-11 to 0/0/0 ps/nm. Also modify 39 to either 39.5 or 40 ps/nm. This will also be taken into account in the detailed proposal that will be put into a presentation.
/ 159 SC 159.6.3 P88 L20 # 61	Proposed Response Response Status W
assar, Peter Huawei	PROPOSED ACCEPT.
omment Type ER Comment Status D	C/ 160 SC 160.3 P103 L # 58
In note b the allocation of 5 dB is specifically called out, whereas in note a reference is made to the later subclause on	
	Stassar, Peter Huawei
ggestedRemedy	Comment Type ER Comment Status D
Change note b to refer to the relevant part in subclause 159.9 and/or 159.10	Skew constraints have been introduced in a separate subclause 160.3.1 while not for D constraints.
oposed Response Response Status W	
PROPOSED ACCEPT IN PRINCIPLE.	SuggestedRemedy
	Introduce subclause 160.3.1 for Delay constraints and 160.3.2 for Skew constraints
<b>159</b> SC <b>159.9</b> P <b>92</b> L # <u>62</u>	Proposed Response Response Status W
assar, Peter Huawei	PROPOSED ACCEPT.
mment Type TR Comment Status D	C/ 160 SC 160.6 P108 L # 67
References are made to Clause 88.10 and in 159.10 to Clause 88.11, making the reading a bit complicated. Also it is not precisely clear which exceptions apply. It would be more	Stassar, Peter Huawei
straightforward reading if subclauses 159.9 and 159.10 are rewritten with full local content	Comment Type TR Comment Status D
as in 158.10 and 158.11	This comment is a repeat of comment #185 to D2.0, proposing to align the PAM4
ggestedRemedy	specification methodology with the one used in P802.3cu D2.2.
Rewrite subclauses 159.9 and 159.10 with its own local content in a similar way as 158.10	SuggestedRemedy
and 158.11	A detailed presentation will be submitted with specific proposals for modification
pposed Response Response Status W	
PROPOSED ACCEPT IN PRINCIPLE.	Proposed Response Response Status W
	PROPOSED ACCEPT IN PRINCIPLE.
	A presentation will be submitted with detailed proposal.
	A presentation will be submitted with detailed proposal.

Pa **108** Li

C/ 160	SC 160.1	I	P108	L <b>9</b>	# <u>5</u> 0		C/ 160	SC	160.6.3	P <b>110</b>	L11	# 54
Maki, Jeffe	ery		Juniper Netwo	orks			Wang, Ru	oxu		Huawei		
Comment	Type <b>TR</b>	Comme	nt Status D			link	Comment	Туре	TR	Comment Status D		
being D Rx s and (2 implici of the in the one fir	defined. An specs. Two k 2) -D Tx and itly two kinds -U Rx and -I draft. In part nds for exam	<sup>'</sup> up" PHY with -t inds of modules -U Rx. Now the of PMDs, a "up O Rx wavelength icular, there is n	J Tx and -U Rx sp s would be built in draft has changed " PMD and a "dow as specs. This is a o clear definition 3.1 for 100BASE-F	ecs and a "dov the industry: (1 approaches cov wn" PMD as inco a large change of an "up" PMD	reach of Ethernet vn" PHY with -D To ) a -U Tx and a -D ompletely by defini licated by the swap only partially addre and a "down" PM E-BX10-D PMD at	x and - 0 Rx ing pping essed D as	spec ii inserti see th <i>Suggestec</i> In Tab	n Table on loss le relate d <i>Remec</i> ble 160-4 ASE-BF	160-6 and + Allocatic d comme /y 8, set "Po 840.	maximum TDECQ)" for 50G d Table 160-7. The Power bu on for penalties", which equal- nt on 50GBASE-BR40 Alloca wer budget (for maximum TD <i>Response Status</i> <b>W</b>	dget is calcula s to 3.7 dB + 1 tion for penalti	ted as <sup>"</sup> Channel 8 dB=21.7 dB. Please es.
Suggested	Remedy							•	ACCEPT.			
Within			i jointly referred to MD at the other.	by the term 50	)GBASE-BRx-D PI	MD at	<i>Cl</i> <b>160</b> Wang, Ru		160.6.3	P <b>110</b> Huawei	L17	# 56
Proposed	Response	Respons	e Status W				Comment		TR	Comment Status D		
	OSED REJE omment#19 SC <b>160.6</b>	-	P110	L11	# 53		Table calcula Chanr	160-6 a ated as nel insei	nd Table "Allocatio	alties" for 50GBASE-BR40 3. 160-7. As other PAM4 base n for penalties= TDECQmax- ', which equals to 3.2+(3.4-(- -ER.	d IEEE 802.3 s + (TxOMAoute	standard, the penalty is r min-Rx sensitivity-
Vang, Ru	oxu		Huawei				Suggested	dRemed	ly			
Comment	Type TR	Comme	nt Status D				In Tab	ole 160-	s, set Allo	cation for penalties from 3.8d	B to 3.7dB for	50GBASE-BR40.
spec i Alloca	n 160.6.1 an tion for pena	d 160.6.2. The F Ities", which equ	Power budget is c	alculated as "C 5 dB=18.7 dB.	not aligned with T hannel insertion lo Please see the rela	ss+	Proposed PROP	•	ase ACCEPT.	Response Status W		
Suggested	Remedy						C/ 160	SC	160.6.3	P <b>110</b>	L17	# 55
In Tab	le 160-8, se	t "Power budget	(for maximum TD	ECQ)" from 18	8.8dB to18.7dB for	r	Wang, Ru	oxu		Huawei		
50GB	ASE-BR20.						Comment	Туре	TR	Comment Status D		
Proposed Response PROPOSED ACCEP	•	e Status W				160.6. as "All	.1 and 1 location	60.6.2. A for penal	alties" for 50GBASE-BR20 3. s other PAM4 based IEEE 80 ties= TDECQmax+ (TxOMAo equals to 3.2+(0.4-(-15.1)-15)	02.3 standard, outer min-Rx se	the penalty is calculated	
							Suggested In Tab		-	cation for penalties from 3.8c	IB to 3.7dB for	50GBASE-BR20.
							Proposed PROP		nse ACCEPT.	Response Status W		

Pa **110** Li **17** 

C/ 160 SC 160	7.4 P111	L37	# 44	Cl 108	SC 108.4	F	<sup>&gt;</sup> 592	L	# 2	1
Dawe, Piers	Nvidia			Dawe, Piers		Nvi	dia		-	
Comment Type TI	Comment Status X		refer-copy	Comment Typ	be T	Comment State	us <b>D</b>			FEC
Too much repetit	on					aximum delay contr			R RS-FEC su	blayer shall
SuggestedRemedy				be no mo	ore than 2457	6 bit times (48 paus	se_quanta	or 983.04 ns).		
Refer to other cla	uses, for several subclauses here			SuggestedRe	-					
Proposed Response	Response Status W			Explain th	hat when use	d for 10GBASE-BR	20, that's 2	2457.6 ns.		
Group Comments	,			Proposed Re PROPOS	,	Response Statu I IN PRINCIPLE.	is <b>W</b>			
C/ 160 SC 160	7.9 <i>P</i> 115	L30	# 9							
Anslow, Pete	Independent				48 pause_q = 9803 bits	uanta or 983.04 ns v	value, appl	y it to the 10G	rate, the bit t	me @10G
Comment Type El	•			13 5005.4	- 5005 513					
				Change r	max bit time i	n the new row of Ta	hle 44-2 a	s 9803		
• •	E-FR should not be present in Fig	gure 160-6		Changer				0 0000		
• •	SE-FR should not be present in Fig	gure 160-6			SC 108.5.3.		2597	L	# 1	8
A line for 50GBA SuggestedRemedy Replace Figure 1	60-6 with a figure that does not ha		GBASE-FR [l can				<sup>&gt;</sup> 597	L	# [1	8
A line for 50GBA SuggestedRemedy Replace Figure 1 provide such a fig	60-6 with a figure that does not ha		GBASE-FR [I can	C/ 108	SC 108.5.3.	2 F	2 <b>597</b> dia	L	# []	8 FEC
A line for 50GBA SuggestedRemedy Replace Figure 1 provide such a fig	50-6 with a figure that does not ha ure if you need it] <i>Response Status</i> <b>W</b>		GBASE-FR [I can	C/ 108 Dawe, Piers Comment Ty/ If FEC_b	SC <b>108.5.3</b> be <b>T</b> ypass_indica	2 F Nvi	P <b>597</b> dia us <b>D</b> ∌ allowed, t	<i>L</i> he time-out pe		FEC
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A line for 50GBA SuggestedRemedy Replace Figure 1 provide such a fig Proposed Response PROPOSED ACC Cl 160 SC 160	50-6 with a figure that does not have ure if you need it] <i>Response Status</i> <b>W</b> CEPT. <b>9</b> <i>P</i> <b>119</b> Huawei			C/ <b>108</b> Dawe, Piers Comment Typ If FEC_b 25 Gb/s, SuggestedRe Change "	SC 108.5.3. pe T ypass_indica needs to be period of 6 period of 6 ad 60 ms to 7	2 F Nvi Comment Statu tion_enable is to be extended for 10GBA 0 ms to 75 ms" to "a	P <b>597</b> dia <i>µs</i> <b>D</b> a allowed, t ASE-BR20 a period of HY types"	L he time-out pe	riod, 60 ms to	FEC 75 ms for
A line for 50GBA SuggestedRemedy Replace Figure 1 provide such a fig Proposed Response PROPOSED ACC Cl 160 SC 160 Stassar, Peter Comment Type TI	50-6 with a figure that does not have ure if you need it] <i>Response Status</i> <b>W</b> CEPT. <b>9</b> <i>P</i> <b>119</b> Huawei	ve a line for 50G	# <u>63</u>	Cl <b>108</b> Dawe, Piers Comment Tyj If FEC_b 25 Gb/s, SuggestedRe Change " BR20, an Proposed Re	SC 108.5.3. pe T ypass_indica needs to be period of 6 a period of 6 ad 60 ms to 7 sponse	2 F Nvi Comment Statu tion_enable is to be extended for 10GBA 0 ms to 75 ms" to "a 5 ms for all other Pl	P <b>597</b> dia <i>µs</i> <b>D</b> a allowed, t ASE-BR20 a period of HY types"	L he time-out pe	riod, 60 ms to	FEC 75 ms for
A line for 50GBA SuggestedRemedy Replace Figure 1 provide such a fig Proposed Response PROPOSED ACC C/ 160 SC 160 Stassar, Peter Comment Type TI It would make the Table 159-12	50-6 with a figure that does not have ure if you need it] <i>Response Status</i> W CEPT. 9 <i>P</i> 119 Huawei & <i>Comment Status</i> D	ve a line for 50G	# <u>63</u>	Cl 108 Dawe, Piers Comment Tyj If FEC_b 25 Gb/s, SuggestedRe Change " BR20, an Proposed Re PROPOS	SC 108.5.3. pe T ypass_indica needs to be period of 6 a period of 6 ad 60 ms to 7 sponse	2 F Nvi Comment State tion_enable is to be extended for 10GBA 0 ms to 75 ms" to "a 5 ms for all other Pl Response State T IN PRINCIPLE.	P <b>597</b> dia <i>µs</i> <b>D</b> a allowed, t ASE-BR20 a period of HY types"	L he time-out pe	riod, 60 ms to	FEC 75 ms for
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A line for 50GBA SuggestedRemedy Replace Figure 1 provide such a fig Proposed Response PROPOSED ACC Cl 160 SC 160 Stassar, Peter Comment Type TI It would make the Table 159-12 SuggestedRemedy	50-6 with a figure that does not have ure if you need it] <i>Response Status</i> W CEPT. 9 <i>P</i> 119 Huawei & <i>Comment Status</i> D readability significantly better if 16	ve a line for 50G	# <u>63</u>	Cl 108 Dawe, Piers Comment Tyj If FEC_b 25 Gb/s, SuggestedRe Change " BR20, an Proposed Re PROPOS	SC 108.5.3. pe T ypass_indica needs to be emedy 'a period of 6 ad 60 ms to 7 sponse SED ACCEPT	2 F Nvi Comment State tion_enable is to be extended for 10GBA 0 ms to 75 ms" to "a 5 ms for all other Pl Response State T IN PRINCIPLE.	P <b>597</b> dia <i>µs</i> <b>D</b> a allowed, t ASE-BR20 a period of HY types"	L he time-out pe	riod, 60 ms to	FEC 75 ms for

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Cl 108	SC 108.5.3.2	P5	97	L	# 22	
Dawe, Pie	rs	Nvidia	a			
Comment	Туре Т	Comment Status	D			FEC
delay when	contributed by the	to perform error dete 25GBASE-R RS-FI RS-FEC sublayer is ASE-ER PHY.	EC sublay	er This	option shall not be	
S <i>uggester</i> Exten	,	/pes that must not b	ypass erro	or correctio	n.	
Proposed	Response	Response Status	w			
PROF	POSED ACCEPT I	N PRINCIPLE.				
•		all not be used wher E-SR, 25GBASE-LR				used to
into						
"This	option shall not be	used when the 250	BASE-R	RS-FEC su	iblayer is used to f	form part

of a 10GBASE-BR20, 25GBASE-SR, 25GBASE-LR, or 25GBASE-ER PHY."

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