C/ FM SC FM Zimmerman, George	P 1 CME Consult	L <b>1</b> ing, Inc.	# 77	<i>Cl</i> <b>FM</b> Chalupsky, [	SC <b>FM</b> David	P 1 Intel	L <b>28</b>	# 74
Comment Type E	Comment Status D Std. 802.3-2015 as amende		lded by publication	Comment Ty	<i>ope</i> E or working gro	Comment Status	D	
SuggestedRemedy Change text at line 2 as	s per comment (the list itself	is really long and	subject to the order of	•••	"Task Force R	Review" with "Working (		
the draft). Proposed Response	Response Status W			,	SED ACCEPT	Response Status Г.	vv	
PROPOSED ACCEPT.				C/ FM	SC FM	P 1	L <b>28</b>	# 78
C/FM SC FM	P 1	L <b>2</b>	# 7	Zimmerman	U U		Consulting, Inc.	
Remein, Duane	Huawei			Comment Ty		Comment Status	-	
Comment Type ER	Comment Status D			This dra	ft is for initial v	working group ballot, n	ot task force review	V
"Amendment of " Sho	ould list all pervious amendm	ents.		SuggestedR	-	Task Force Review" to		
				(assum	ng it is on draf	12.1)		
2015, IEEE Std 802.3b IEEE Std 802.3bq™-20 Std 802.3bz™-2016, ar	016, IEEE Std 802.3bp™-201 nd IEEE Std 802.3bn™-2016	16, IEEE Std 802	2.3br™-2016, IEEE		SED ACCEPT			# 20
2015, IEEE Std 802.3b IEEE Std 802.3bq™-20 Std 802.3bz™-2016, ar with Pete Anslow for th	y™-2016, )16, IEEE Std 802.3bp™-201 nd IEEE Std 802.3bn™-2016 e full list)	16, IEEE Std 802	2.3br™-2016, IEEE	PROPO C/ FM	SED ACCEPT	Г. Р <b>2</b>	L <b>1</b>	# [76
2015, IEEE Std 802.3b IEEE Std 802.3bq™-20 Std 802.3bz™-2016, ar with Pete Anslow for th	y <sup>™</sup> -2016, )16, IEEE Std 802.3bp <sup>™</sup> -2016 nd IEEE Std 802.3bn <sup>™</sup> -2016 e full list) <i>Response Status</i> <b>W</b>	16, IEEE Std 802	2.3br™-2016, IEEE	PROPO C/ <b>FM</b> Zimmerman	SED ACCEPT SC FM George	Г. Р <b>2</b> СМЕ (	L 1 Consulting, Inc.	# [ <u>76</u>
2015, IEEE Std 802.3b IEEE Std 802.3bg™-20 Std 802.3bz™-2016, ar with Pete Anslow for th Proposed Response PROPOSED ACCEPT.	y <sup>™</sup> -2016, 016, IEEE Std 802.3bp <sup>™</sup> -2016 nd IEEE Std 802.3bn <sup>™</sup> -2016 e full list) <i>Response Status</i> <b>W</b>	16, IEEE Std 802	2.3br™-2016, IEEE	PROPO C/ FM Zimmerman, Comment Ty Abstract	SED ACCEPT SC FM George pe E seems to be	Γ. P 2 CME 0 Comment Status	L 1 Consulting, Inc. D	# 76
2015, IEEE Std 802.3b IEEE Std 802.3bq <sup>TM</sup> -20 Std 802.3bz <sup>TM</sup> -2016, ar with Pete Anslow for th Proposed Response PROPOSED ACCEPT. C/ FM SC FM Anslow, Pete	y <sup>™</sup> -2016, 016, IEEE Std 802.3bp <sup>™</sup> -2016 e full list) <i>Response Status</i> <b>W</b> <i>P</i> <b>1</b> Ciena	16, IEEE Std 802 " (There might po	2.3br™-2016, IEEE ossibly be other, check	PROPO C/ FM Zimmerman, Comment Ty Abstract	SED ACCEPT SC FM George ppe E seems to be	r. P 2 CME 0 <i>Comment Status</i> missing the word "adds	L 1 Consulting, Inc. D	
2015, IEEE Std 802.3b IEEE Std 802.3bq™-20 Std 802.3bz™-2016, ar with Pete Anslow for th Proposed Response PROPOSED ACCEPT. C/ FM SC FM Anslow, Pete Comment Type E The initial text should li	y <sup>™</sup> -2016, D16, IEEE Std 802.3bp <sup>™</sup> -2016 e full list) <i>Response Status</i> <b>W</b> <i>P</i> <b>1</b> Ciena <i>Comment Status</i> <b>D</b> st the other amendments (as	I6, IEEE Std 802 " (There might pe <i>L</i> 25	2.3br™-2016, IEEE ossibly be other, check # 28	PROPO CI FM Zimmerman, Comment Ty Abstract Physical SuggestedR Insert th	SED ACCEPT SC FM George ppe E seems to be in Layer (PHY) emedy	T. P 2 CME 0 Comment Status missing the word "adds specifications and" to read: "This amendr	L 1 Consulting, Inc. D s": "This amendme	
2015, IEEE Std 802.3b IEEE Std 802.3bq <sup>™</sup> -20 Std 802.3bz <sup>™</sup> -2016, at with Pete Anslow for th Proposed Response PROPOSED ACCEPT. C/ FM SC FM Anslow, Pete Comment Type E The initial text should lin This draft is for Working	y <sup>™</sup> -2016, D16, IEEE Std 802.3bp <sup>™</sup> -2016 e full list) Response Status W P1 Ciena Comment Status D	I6, IEEE Std 802 " (There might pe <i>L</i> 25	2.3br™-2016, IEEE ossibly be other, check # 28	PROPO CI FM Zimmerman, Comment Ty Abstract Physical SuggestedR Insert th	SED ACCEPT SC FM George ppe E seems to be to Layer (PHY) remedy e word "adds" PHY) specificat	T. P 2 CME 0 Comment Status missing the word "adds specifications and" to read: "This amendr	L 1 Consulting, Inc. D s": "This amendme nent to IEEE Std 80	nt to IEEE Std 802.3-201
2015, IEEE Std 802.3b IEEE Std 802.3bq <sup>™</sup> -20 Std 802.3bz <sup>™</sup> -2016, ar with Pete Anslow for th Proposed Response PROPOSED ACCEPT. C/ FM SC FM Anslow, Pete Comment Type E The initial text should lit This draft is for Working SuggestedRemedy Change "This draft is a "This draft is an amend 2015, IEEE Std 802.3b 802.3br-2016, IEEE Stt and IEEE Std 802.3bv-	y <sup>™</sup> -2016, p16, IEEE Std 802.3bp <sup>™</sup> -2016 e full list) <i>Response Status</i> <b>W</b> <i>P</i> 1 Ciena <i>Comment Status</i> <b>D</b> st the other amendments (as g Group ballot, not Task Ford n amendment of IEEE Std 802.3-201 y-2016, IEEE Std 802.3-201 y-2016, IEEE Std 802.3bq-20 d 802.3bn-2016, IEEE Std 80 201x." .0 is prepared for Task Ford	L 25 announced so fa ce review. 22.3-2015." to: 5 as amended by 016, IEEE Std 80 02.3bz-2016, IEE	2.3br <sup>™</sup> -2016, IEEE ossibly be other, check # 28 ar). / IEEE Std 802.3bw- /2.3bp-2016, IEEE Std E Std 802.3bu-201x,	PROPO CI FM Zimmerman, Comment Ty Abstract Physical SuggestedR Insert th Layer (F Proposed Re	SED ACCEPT SC FM George ppe E seems to be to Layer (PHY) remedy e word "adds" PHY) specificat	r. P 2 CME 0 Comment Status missing the word "adds specifications and" to read: "This amendr tions and" Response Status	L 1 Consulting, Inc. D s": "This amendme nent to IEEE Std 80	nt to IEEE Std 802.3-201
2015, IEEE Std 802.3b IEEE Std 802.3bq <sup>™</sup> -20 Std 802.3bz <sup>™</sup> -2016, ar with Pete Anslow for th Proposed Response PROPOSED ACCEPT. C/ FM SC FM Anslow, Pete Comment Type E The initial text should lit This draft is for Working SuggestedRemedy Change "This draft is a "This draft is an amend 2015, IEEE Std 802.3b 802.3br-2016, IEEE Stt and IEEE Std 802.3bv- Also, change "Draft D2	y <sup>™</sup> -2016, p16, IEEE Std 802.3bp <sup>™</sup> -2016 e full list) <i>Response Status</i> <b>W</b> <i>P</i> 1 Ciena <i>Comment Status</i> <b>D</b> st the other amendments (as g Group ballot, not Task Ford n amendment of IEEE Std 802.3-201 y-2016, IEEE Std 802.3-201 y-2016, IEEE Std 802.3bq-20 d 802.3bn-2016, IEEE Std 80 201x." .0 is prepared for Task Ford	L 25 announced so fa ce review. 22.3-2015." to: 5 as amended by 016, IEEE Std 80 02.3bz-2016, IEE	2.3br <sup>™</sup> -2016, IEEE ossibly be other, check # 28 ar). / IEEE Std 802.3bw- /2.3bp-2016, IEEE Std E Std 802.3bu-201x,	PROPO CI FM Zimmerman, Comment Ty Abstract Physical SuggestedR Insert th Layer (F Proposed Re	SED ACCEPT SC FM George ppe E seems to be f Layer (PHY) emedy e word "adds" 'HY) specificat esponse	r. P 2 CME 0 Comment Status missing the word "adds specifications and" to read: "This amendr tions and" Response Status	L 1 Consulting, Inc. D s": "This amendme nent to IEEE Std 80	nt to IEEE Std 802.3-201

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 1 of 23 2017/01/03 23:00:45

C/ FM SC FM Anslow, Pete	P <b>7</b> Ciena	L <b>13</b>	# 29	C/ FM SC FM Remein, Duane	<i>Р</i> <b>10</b> Huawei	L 31	# 10
Comment Type E "P802.3cc Task Force r fiber Task Force"	Comment Status D name" should be "P802.3cc 2	25 Gb/s Etherne	over single-mode	C C	Comment Status D rs note that you should list all a	amendment here	ı.
SuggestedRemedy Change "P802.3cc Tas fiber Task Force" in two Proposed Response	sk Force name" to "P802.3cc o places <i>Response Status</i> <b>W</b>	25 Gb/s Etherne	t over single-mode	SuggestedRemedy Please update to cur Proposed Response PROPOSED ACCEP	rent amendment list (get from F <i>Response Status</i> <b>W</b> T.	Pete Anslow)	
PROPOSED ACCEPT.		L 16	# 8	C/ FM SC FM Anslow, Pete	<i>P</i> <b>10</b> Ciena	L 31	# 30
Remein, Duane <i>Comment Type</i> <b>ER</b>	Huawei Comment Status D			Comment Type E Insert the summaries 802.3bv-201x)	Comment Status D for Amendments 4 (IEEE Std	802.3bp-2016) tł	nrough 9 (IEEE Std
Missing list of WG part SuggestedRemedy Get list from Mr. Law (o	ticipants or Pete Anslow) and incorpora	ate in draft.		SuggestedRemedy Insert the summaries 802.3bv-201x)	for Amendments 4 (IEEE Std	802.3bp-2016) tł	nrough 9 (IEEE Std
Proposed Response PROPOSED ACCEPT.	Response Status W			Proposed Response PROPOSED ACCEP	Response Status W		
C/ FM SC FM Zimmerman, George	P 10 CME Consult	L <b>25</b> ng, Inc.	# 79	C/ <b>00</b> SC <b>0</b> Kimber, Mark	P Semtech	L	# 101
Comment Type E 802.3bq is approved, an amendments already a	<i>Comment Status</i> <b>D</b> nd should be 802.3bq-2016, pproved	as well as a num	ber of other	Comment Type E (Error)	Comment Status E		
SuggestedRemedy Get the latest list of app	oroved amendments and ame 's note to remain, as it is rele			SuggestedRemedy (Error) Proposed Response	Response Status W		
this one. Proposed Response PROPOSED ACCEPT.	Response Status W			(Error)			

CI 00 SC 0

C/         00         SC         0         P 1           Thompson, Geoff         GraCa3	L : SI S.A.	28	# 99	C/ <b>1</b> Ran, Adee	SC 1.4.178a	P <b>15</b> Intel	L 16	# 1
Comment Type ER Comment Status Descriptive paragraph says this is for Task For		his is a Worki	ng Group Ballot.			Comment Status <b>D</b> n for DGD is a good idea, this	s definition is unc	clear and not very
SuggestedRemedy Change from: "Task Force". Change text to: "	Working Grour	)".		What a	re "fractions of a	nulse"?		
Proposed Response Response Status PROPOSED ACCEPT.				What a Are the states?	re the "two princ fractions transn	ipal state of polatization"? hitted in two polarization state		two polarization
C/ 00         SC 0         P1           Remein, Duane         Huawe	L:	31	# 9	"At rece		f a medium or of a transmitte e a definition of a point in tim		y two points in time
Comment Type ER Comment Status Update copyright date SuggestedRemedy	D			perpen	dicular polarizati s, a transmitter	ifference in propagation time on modes (e.g. x and y). This or or a receiver, just propagat	does not involve	e a pulse or its
to 2017 in FM and footer of all Masters				Suggested	Remedy			
Proposed Response Response Status PROPOSED ACCEPT IN PRINCIPLE.	W				er rephrasing. A that document.	ternatively if this definition is	based on some	external document,
Updated to 2017, but final year depends on c	ompletion date			Proposed F PROPC	esponse SED REJECT.	Response Status W		
Cl 00     SC 0     P 2       Thompson, Geoff     GraCal       Comment Type     E     Comment Status		1	# 100	standar	ds. Since the w	nition is identical to what was ording of the footnote was suf planation in the definition.		
Abstract text is not a whole sentence				C/ 30	SC 30.5.1.1.2	P 16	L 12	# 80
SuggestedRemedy				Zimmermar		CME Consulti		# <u>1</u> 00
Make abstract words into a sentence.				Comment T	, C	Comment Status D	-	
Proposed Response Response Status PROPOSED ACCEPT.	w			Usually after SF	items are inser and before ER	ed in lists in alphanumerical ( Commenter notes that othe		
				Suggested	Remedy			
				Reorde	r alphanumerica	Ily and change the insertion p	ooint as appropria	ate
				Proposed F PROPC	esponse SED ACCEPT	Response Status WIIN PRINCIPLE.		

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

C/ 30 SC 30.5.1.1.2 Page 3 of 23 2017/01/03 23:00:46

C/ 30 SC 30.5.1.1.2 P 16 L 12 # 31	C/ 45 SC 45.2.1.6 P 17 L 17 # 20
Inslow, Pete Ciena	Lusted, Kent Intel
Comment Type E Comment Status D	Comment Type ER Comment Status D
IEEE Std 802.3bq-2016 has inserted an entry for 25GBASE-T after the entry for 25GBASE SR. In order to be clear, the editing instruction needs to account for this.	<ul> <li>In table 45-7, the PMA/PMD control 2 register bit definitions does not list the reserved values.</li> </ul>
Add "and before the entry for 25GBASE-T (as inserted by IEEE Std 802.3bq-2016)" to the	There already is an editors note to add these bit definitions "later". Now is a great time to do it! :)
end of the editing instruction.	SuggestedRemedy
roposed Response Response Status W	Add the reserved bit definitions to Table 45-7
PROPOSED ACCEPT IN PRINCIPLE. Need to confirm order of insertion. See Comment #80.	Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE.
1 45 SC 45.2.1.6 P 17 L 10 # 81	Comments #11, #20 address same point. Confirm definitions before adding.
mmerman, George CME Consulting, Inc.	C/ 45 SC 45.2.1.7.4 P 17 L 26 # 32
omment Type E Comment Status D	Anslow, Pete Ciena
There is no editing instruction "Add" - should be "Insert" (also on page 21 line 1)	Comment Type E Comment Status D
uggestedRemedy per comment	IEEE Std 802.3bq-2016 has inserted a row for 25GBASE-T after the row for 25GBASE-SF In order to be clear, the editing instruction needs to account for this.
roposed Response Response Status W PROPOSED ACCEPT.	SuggestedRemedy Change "as follows" to "and before 25GBASE-T (as inserted by IEEE Std 802.3bq-2016) as follows".
# 45         SC 45.2.1.6         P 17         L 10         # 11           emein, Duane         Huawei	Proposed Response Response Status W PROPOSED ACCEPT.
omment Type E Comment Status D	
Not quite all changes rows are shown as the reserved row will also change.	C/         45         SC         45.2.1.7.5         P 17         L 40         # 33           Anslow, Pete         Ciena
uggestedRemedy	
Change editing instruction: "Change the PMA/PMD type selection row in Table 45–7 to add 25GBASE PMDs as follows (only Bits, Name, R/W and, added Description text in row is shown). Change "reserved" line(s) as appropriate for values defined by this and other	Comment Type E Comment Status D IEEE Std 802.3bq-2016 has inserted a row for 25GBASE-T after the row for 25GBASE-SR In order to be clear, the editing instruction needs to account for this.
approved amendments." Note this is quoted from most recent amendment with PMD name	SuggestedRemedy
changed. oposed Response	Change "as follows" to "and before 25GBASE-T (as inserted by IEEE Std 802.3bq-2016)
	as follows".
PROPOSED ACCEPT IN PRINCIPLE	Proposed Response Response Status W
PROPOSED ACCEPT IN PRINCIPLE. Comments #11, #20 address same point. Confirm definitions before adding.	PROPOSED ACCEPT.

TYPE: TR/technical required ER/editorial required GR/gener	ral required T/technical E/editorial G/general	CI <b>45</b>
COMMENT STATUS: D/dispatched A/accepted R/rejected	RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn	SC 45.2.1.7.5
SORT ORDER: Clause, Subclause, page, line		

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C/ 45 SC 45.2.1.8 P17 L 53 # 34	Cl 78 SC 78.1.4 P 19 L 7 # 36
Inslow, Pete Ciena	Anslow, Pete Ciena
Comment Type         E         Comment Status         D           IEEE Std 802.3bq-2016 has inserted a row for 25GBASE-T after the row for 25GBASE-SR. In order to be clear, the editing instruction needs to account for this.	Comment Type E Comment Status D IEEE Std 802.3bq-2016 has inserted a row for 25GBASE-T after the row for 25GBASE In order to be clear, the editing instruction needs to account for this.
SuggestedRemedy	SuggestedRemedy
Change "as follows" to "and before 25GBASE-T (as inserted by IEEE Std 802.3bq-2016) as follows".	Change "as follows" to "and before 25GBASE-T (as inserted by IEEE Std 802.3bq-201) as follows".
Proposed Response Response Status W PROPOSED ACCEPT.	Proposed Response Response Status W PROPOSED ACCEPT.
C/ 45 SC 45.2.1.14b P 18 L 26 # 94	C/ 78 SC 78.1.4 P 19 L 8 # 82
Dudek, Mike Cavium	Zimmerman, George CME Consulting, Inc.
Comment Type T Comment Status D	Comment Type E Comment Status D
According to the text below the 25GBASE-LR ability should be bit 1.19.5 and the	Footnote b is also inserted, and needs to be added to the editing instruction
25GBASE-ER ability should be bit 1.19.6	SuggestedRemedy
SuggestedRemedy	Change instruction to include "and insert new footnote b" so that it reads: "Insert new ro
	Change instruction to include "and insert new footnote b" so that it reads: "Insert new ro into Table 78–1 after 25GBASE-SR (as inserted by IEEE Std 802.3by-2016), and inser new footnote b, as follows
SuggestedRemedy Make the changes in Table 45-17b.	Change instruction to include "and insert new footnote b" so that it reads: "Insert new ro into Table 78–1 after 25GBASE-SR (as inserted by IEEE Std 802.3by-2016), and inser new footnote b, as follows (unmodified rows not shown):
SuggestedRemedy Make the changes in Table 45-17b. Proposed Response Response Status <b>W</b>	Change instruction to include "and insert new footnote b" so that it reads: "Insert new ro into Table 78–1 after 25GBASE-SR (as inserted by IEEE Std 802.3by-2016), and inser new footnote b, as follows
SuggestedRemedy Make the changes in Table 45-17b. Proposed Response Response Status W PROPOSED ACCEPT.	Change instruction to include "and insert new footnote b" so that it reads: "Insert new ro into Table 78–1 after 25GBASE-SR (as inserted by IEEE Std 802.3by-2016), and inser new footnote b, as follows (unmodified rows not shown): Proposed Response Response Status <b>W</b>
SuggestedRemedy Make the changes in Table 45-17b. Proposed Response Response Status W PROPOSED ACCEPT. Comment #35, #94 address same point.	Change instruction to include "and insert new footnote b" so that it reads: "Insert new ro into Table 78–1 after 25GBASE-SR (as inserted by IEEE Std 802.3by-2016), and inser new footnote b, as follows (unmodified rows not shown): Proposed Response Response Status W PROPOSED REJECT.
SuggestedRemedy Make the changes in Table 45-17b. Proposed Response Response Status W PROPOSED ACCEPT. Comment #35, #94 address same point. The bits in 45.2.1.14b.aa and 45.2.1.14b.ab have been updated to match Table 45-17b.	Change instruction to include "and insert new footnote b" so that it reads: "Insert new ro into Table 78–1 after 25GBASE-SR (as inserted by IEEE Std 802.3by-2016), and inser new footnote b, as follows (unmodified rows not shown): Proposed Response Response Status W PROPOSED REJECT. Footnote b already exists in Table 78-1 of IEEE Std 802.3 <sup>™</sup> -2015.
SuggestedRemedy Make the changes in Table 45-17b. Proposed Response Response Status W PROPOSED ACCEPT. Comment #35, #94 address same point. The bits in 45.2.1.14b.aa and 45.2.1.14b.ab have been updated to match Table 45-17b. Cl 45 SC 45.2.1.14b.aa P 18 L 36 # 35	Change instruction to include "and insert new footnote b" so that it reads: "Insert new rointo Table 78–1 after 25GBASE-SR (as inserted by IEEE Std 802.3by-2016), and insernew footnote b, as follows (unmodified rows not shown):         Proposed Response       Response Status       W         PROPOSED REJECT.       Footnote b already exists in Table 78-1 of IEEE Std 802.3 <sup>™</sup> -2015.       C/ 99       SC       P7       L 13       # 51
SuggestedRemedy Make the changes in Table 45-17b. Proposed Response Response Status W PROPOSED ACCEPT. Comment #35, #94 address same point. The bits in 45.2.1.14b.aa and 45.2.1.14b.ab have been updated to match Table 45-17b. Cl 45 SC 45.2.1.14b.aa P 18 L 36 # 35 Anslow, Pete Ciena	Change instruction to include "and insert new footnote b" so that it reads: "Insert new ro         into Table 78–1 after 25GBASE-SR (as inserted by IEEE Std 802.3by-2016), and inser         new footnote b, as follows         (unmodified rows not shown):         Proposed Response       Response Status         PROPOSED REJECT.         Footnote b already exists in Table 78-1 of IEEE Std 802.3™-2015.         C/ 99       SC         P7       L 13         Jones, Peter       Cisco
SuggestedRemedy Make the changes in Table 45-17b. Proposed Response Response Status W PROPOSED ACCEPT. Comment #35, #94 address same point. The bits in 45.2.1.14b.aa and 45.2.1.14b.ab have been updated to match Table 45-17b. Cl 45 SC 45.2.1.14b.aa P 18 L 36 # 35 Anslow, Pete Ciena Comment Type T Comment Status D	Change instruction to include "and insert new footnote b" so that it reads: "Insert new ro into Table 78–1 after 25GBASE-SR (as inserted by IEEE Std 802.3by-2016), and inser new footnote b, as follows (unmodified rows not shown): Proposed Response Response Status W PROPOSED REJECT. Footnote b already exists in Table 78-1 of IEEE Std 802.3 <sup>™</sup> -2015. C/ 99 SC P7 L 13 # 51 Jones, Peter Cisco Comment Type E Comment Status D Text says David Lewis, IEEE P802.3cc Task Force name Task Force Chair
SuggestedRemedy Make the changes in Table 45-17b. Proposed Response Response Status W PROPOSED ACCEPT. Comment #35, #94 address same point. The bits in 45.2.1.14b.aa and 45.2.1.14b.ab have been updated to match Table 45-17b. C/ 45 SC 45.2.1.14b.aa P 18 L 36 # 35 Anslow, Pete Ciena Comment Type T Comment Status D 25GBASE-ER ability is bit 1.19.7 and 25GBASE-LR ability is bit 1.19.6 SuggestedRemedy	Change instruction to include "and insert new footnote b" so that it reads: "Insert new ro into Table 78–1 after 25GBASE-SR (as inserted by IEEE Std 802.3by-2016), and inser new footnote b, as follows (unmodified rows not shown): Proposed Response Response Status W PROPOSED REJECT. Footnote b already exists in Table 78-1 of IEEE Std 802.3 <sup>™</sup> -2015. C/ 99 SC P7 L13 # 51 Jones, Peter Cisco Comment Type E Comment Status D Text says David Lewis, IEEE P802.3cc Task Force name Task Force Chair Kohichi R. Tamura, IEEE P802.3cc Task Force name Task Force Editor-in-Chief
SuggestedRemedy Make the changes in Table 45-17b. Proposed Response Response Status W PROPOSED ACCEPT. Comment #35, #94 address same point. The bits in 45.2.1.14b.aa and 45.2.1.14b.ab have been updated to match Table 45-17b. Cl 45 SC 45.2.1.14b.aa P 18 L 36 # 35 Anslow, Pete Ciena Comment Type T Comment Status D 25GBASE-ER ability is bit 1.19.7 and 25GBASE-LR ability is bit 1.19.6 SuggestedRemedy In the title and text of 45.2.1.14b.aa change 1.19.6 to 1.19.7 (in 3 places).	Change instruction to include "and insert new footnote b" so that it reads: "Insert new ro into Table 78–1 after 25GBASE-SR (as inserted by IEEE Std 802.3by-2016), and inser new footnote b, as follows (unmodified rows not shown): Proposed Response Response Status W PROPOSED REJECT. Footnote b already exists in Table 78-1 of IEEE Std 802.3 <sup>™</sup> -2015. C/ 99 SC P7 L 13 # 51 Jones, Peter Cisco Comment Type E Comment Status D Text says David Lewis, IEEE P802.3cc Task Force name Task Force Chair
SuggestedRemedy Make the changes in Table 45-17b. Proposed Response Response Status W PROPOSED ACCEPT. Comment #35, #94 address same point. The bits in 45.2.1.14b.aa and 45.2.1.14b.ab have been updated to match Table 45-17b. C/ 45 SC 45.2.1.14b.aa P 18 L 36 # 35 Anslow, Pete Ciena Comment Type T Comment Status D 25GBASE-ER ability is bit 1.19.7 and 25GBASE-LR ability is bit 1.19.6 SuggestedRemedy In the title and text of 45.2.1.14b.aa change 1.19.6 to 1.19.7 (in 3 places). In the title and text of 45.2.1.14b.ab change 1.19.5 to 1.19.6 (in 3 places).	Change instruction to include "and insert new footnote b" so that it reads: "Insert new ro into Table 78–1 after 25GBASE-SR (as inserted by IEEE Std 802.3by-2016), and inser new footnote b, as follows (unmodified rows not shown): Proposed Response Response Status W PROPOSED REJECT. Footnote b already exists in Table 78-1 of IEEE Std 802.3 <sup>™</sup> -2015. C/ 99 SC P7 L13 # 51 Jones, Peter Cisco Comment Type E Comment Status D Text says David Lewis, IEEE P802.3cc Task Force name Task Force Chair Kohichi R. Tamura, IEEE P802.3cc Task Force name Task Force Editor-in-Chief SuggestedRemedy

 TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
 C/ 99

 COMMENT STATUS: D/dispatched A/accepted R/rejected
 RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
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 SORT ORDER: Clause, Subclause, page, line
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Andow, Pete       Clena         Comment Type       Comment Status D         The first paragraph of 105.1.1 has been modified by IEEE Std 802.3bp-2016)       On the bottom line of the paragraph you have 2 spaces before 25GBASE-SR once the edita are complete: 25GBASE-KR-S, and 25GBASE-SR         Suggested/Remedy       In the editing instruction change '(as added by IEEE Std 802.3bp-2016)'       On the bottom line of the paragraph you have 2 spaces before 25GBASE-SR         PROPOSED ACCEPT.       Comment Status D       Comment Status D         C1 105       SC 105.1.1       P 20       L 11       # 30         Stoggested/Remedy       Suggested/Remedy       Clena       Clena       Comment Status D         Suggested/Remedy       Eukis, Jawa       Fujitsu Laboratories of       Clena       Clena       Comment Status D         Suggested/Remedy       Suggested/Remedy       Suggested/Remedy       Clena       Clena       Comment Status D         Suggested/Remedy       Suggested/Remedy       Clena the oficinal text in 802.3bq-which strikes out 'and' before '25GBASE-SR' and inserts ', 'and 25GBASE-T inter '25GBASE-SR' and inserts ', 'and 25GBAS		P 20	L <b>7</b>	# 37	C/ 105 SC 105.1.1	P 20	L 12	# 19
The first paragraph of 105.1.1 has been modified by IEEE Std 802.3bq-2016 Suggested/Remedy In the edition of ', and 25GBASE-SR once the gatagraph you have 2 spaces before 25GBASE-SR once the gatagraph. Suggested/Remedy the edition instruction has before 25GBASE-SR once the gatagraph. Suggested/Remedy inthe space part 25GBASE-SR once the	Anslow, Pete	Ciena			Lewis, Jon	Dell EMC		
SuggestedRemedy       In the editing instruction change "(as added by IEEE Std 802.3by-2016)" to "(as anend the read the original text in 802.3by-2016)" to "(as anend the IEEE Std 802.3by-2016)" to "(as inserted by					21			
Suggested/Renergy         In the editing instruction change "(as added by IEEE Std 802.3by-2016)" to "(as added by IEEE Std 802.3by-2016)"         In the editing instruction change "(as added by IEEE Std 802.3by-2016)"         In the editing instruction change "(as added by IEEE Std 802.3by-2016)"         Proposed Response       Response Status W         PROPOSED ACCEPT.       P1         C1 105       SC 105.1.1       P20         L11       # 90         Siggested/Remedy       Comment Status D         Siggested/Remedy       Comment Status D         Siggested/Remedy       Comment Status D         Siggested/Remedy       Siggested/Remedy         Were CEET       Comment Status D         PROPOSED ACCEPT.       P20         PROPOSED ACCEPT.       Comment Status D         Proposed Response       Response Status W         PROPOSED ACCEPT.       P20         C1 105       SC 105.1.1         P20       L12       # 75         C1 105       SC 105.1.1       P 20         Palupsky, David       Intel         Comment Type E       Comment Status D         Since 802.3cc is an amendment to IEEE Std 802.3bm <sup>-12</sup> :016 as amended by IEEE Std 802.3bm <sup>-22</sup> :016 as amended by IEEE Std 802.3bm <sup>-22</sup> :016 as amendided by IEEE Std 802.3bm <sup>-22</sup> :016 as amendided by IEEE Std 8	The first paragraph of 1	05.1.1 has been modified by	/ IEEE Std 802.3t	pq-2016				ASE-SR once the
In the duiling instruction of using (is added by iEEE Sid 802.3by-2016)       Remove one space.         PROPOSED ACCEPT.       Remove one space.         // 105       SC 105.1.1       P 20       L 11       # 30         // 105       SC 105.1.1       P 20       L 11       # 30         // 205       SC 105.1.1       P 20       L 11       # 30         // 205       SC 105.1.1       P 20       L 11       # 30         // 205       SC 105.1.1       P 20       L 11       # 30         // 205       SC 105.1.1       P 20       L 11       # 30         // 205       SC 105.1.1       P 20       L 11       # 30         // 25GBASE-T has been added by 802.3bq-2016.       Basic added by 802.3bq-2016.       Basic added by 802.3bq-2016.         // 205       SC 105.1.1       P 20       L 12       # 75         // 105       SC 105.1.1       P 20       L 12       # 75         // 105       SC 105.1.1       P 20       L 12       # 75         // 105       SC 105.1.1       P 20       L 12       # 75         // 105       SC 105.1.1       P 20       L 12       # 75         // 104       Intel       Somment Type       E       Comment Statu	SuggestedRemedy					JODAGE-KK-S, and ZJODAS	L-SK	
In the text, take account of the addition of *, and 25GBASE-T* by 802.3bq and remove the underline from the final *.* the addition of *, and 25GBASE-T* by 802.3bq and remove the underline from the final *.* the addition of *, and 25GBASE-T* by 802.3bq and remove the proposed Response Response Status W PROPOSED ACCEPT. C 105 SC 105.1.1 P 20 L 11 # 90 C 25GBASE-T* atter 125GBASE-T* atter 125GBASE-T* atter 125GBASE-T* atter 125GBASE-SR*. To this sentence to tEES tot 802.3bg ** 2016, IEEE Std 802.3bg ** 2016, I				16)" to "(as added by	,			
Underline from the intal:       PROPOSED ACCEPT.         27 105 SC 105.1.1       P 20       L 11       # 90         11daka, Yasuo       Fujitsu Laboratories of       Cinna       Comment Status D         25 GBASE-T has been added by 802.3bq-2016.       Suggested/Remedy       Comment Status D       Suggested/Remedy         Use the original text in 802.3bg which strikes out "and" before "25GBASE-SR" and inserts ", and 25GBASE-T after "25GBASE-SR".       Suggested/Remedy       Change "as follows" to "and before 25GBASE-T (as inserted a two for 25GBASE-T)         27105 SC 105.1.1       P 20       L 12       # 75         27105 SC 105.1.1       P 20       L 12       # 75         27105 SC 105.1.1       P 20       L 12       # 75         27105 SC 105.1.1       P 20       L 12       # 75         27105 since 802.3cb; is an amended by IEEE Std 802.3bq"*-2016, iEEE Std 802.3bq *-2016, iEEE Std 802.3bq *-2016, iEEE				2.3bq and remove the	•	Doononoo Statua MI		
Proposed Response       Response Status       W         PROPOSED ACCEPT.       C/1 105       SC 105.1.1       P 20       L 11       # 90         C/1 105       SC 105.1.1       P 20       L 11       # 90         C/2 105       SC 105.1.1       P 20       L 11       # 90         C/2 105       SC 105.1.3       P 21       L 1       # 38         C/2 105       SC 105.1.1       P 20       L 11       # 90         C/2 105       SC 105.1.3       P 21       L 1       # 38         C/2 105       SC 105.1.1       P 20       L 11       # 90         C/2 105       SC 105.1.1       P 20       L 12       # 75         C/2 105       SC 105.1.1       P 20       L 12       # 75         C/2 105       SC 105.1.1       P 20       L 12       # 75         C/2 105       SC 105.1.1       P 20       L 12       # 75         C/2 105       SC 105.1.1       P 20       L 12       # 75         C/2 105       SC 105.1.1       P 20       L 12       # 75         C/2 105       SC 105.1.1       P 20       L 12       # 75         C/2 105       SC 105.1.1       P 20       L 12       # 75						,		
Cl 105       SC 105.1.1       P 20       L 11       # 90         Hidaka, Yasuo       Fujitsu Laboratories of       Comment Type       E       Comment Status       D         25GBASE-T has been added by 802.3bq-2016.       SuggestedRemedy       Use the original text in 802.3bq which strikes out "and" before "25GBASE-SR" and inserts ", and 25GBASE-T after "25GBASE-SR".       Change "as follows" to "and before 25GBASE-T (as inserted by IEEE Std 802.3bq-2016) as follows".         Proposed Response       Response Status       W         PROPOSED ACCEPT.       C1 105       SC 105.1.1       P 20       L 12       To         Change vas follows".       D       Since 802.3cc is an amendment to IEEE Std 802.3bq-"2016 is as amended by IEEE Std 802.3bq-"2016       Comment Type       E       Comment Status D         Since 802.3cc is an amendment to IEEE Std 802.3bg-"*-2016, IEEE Std 802.3bg *-2016, IEEE Std 802.3bg *-2016, IEEE Std 802.3bg *-2016, IEEE Std 802.3bg *-201		,						
Cl 105       SC 105.1.1       P 20       L 11       # 190         tidaka, Yasuo       Fujitsu Laboratories of       Fujitsu Laboratories of         Comment Type       E       Comment Status D       IEEE Std 802.3bq-2016 has inserted a row for 25GBASE-T after the row for 25GBASE-Status D         SuggestedRemedy       Use the original text in 802.3bq which strikes out "and" before "25GBASE-SR" and inserts ", and 25GBASE-T after "25GBASE-SR".       SuggestedRemedy         Orposed Response       Response Status W       PROPOSED ACCEPT.         C/ 105       SC 105.1.1       P 20       L 12       # 75         Chalupsky, David       Intel       Comment Type E       Comment Status D       Comment Status D         Since 802.3cc is an amendment to IEEE Std 802.3br <sup>104</sup> -2015 as amended by IEEE Std 802.3br <sup>104</sup> -2015, IEEE Std 802.3br <sup>104</sup> -2016, IEEE Std 802.3b	PROPOSED ACCEPT.						L <b>1</b>	# 38
Iddak, Yasuo       Fujitsu Laboratories of         Comment Type       E       Comment Status       D         25GBASE-T has been added by 802.3bq-2016.       BuggestedRemedy       Use the original text in 802.3bq which strikes out "and" before "25GBASE-SR" and inserts ", and 25GBASE-T after "25GBASE-SR".       IEEE Std 802.3bq-2016 has inserted arow for 25GBASE-T after the row for 25GBASE-SI in order to be clear, the editing instruction needs to account for this.         Proposed Response       Response Status       W         PROPOSED ACCEPT.       Intel         Comment Type       E       Comment Status       D         Since 802.3cc is an amendment to IEEE Std 802.3tm"-2016, IEEE Std 802.3bm"-2016, and IEEE Std 802.3bm"-2016, IEEE Std 802.3bm -2016,	7 105 SC 105.1.1	P 20	L 11	# 90	Anslow, Pete	Ciena		
Comment Type       E       Comment Status       D         25GBASE-T has been added by 802.3bq-2016.       SuggestedRemedy       Use the original text in 802.3bq which strikes out "and" before "25GBASE-SR" and inserts ", and 25GBASE-T" after "25GBASE-SR".       In order to be clear, the editing instruction needs to account for this.         2broposed Response       Response Status       W         PROPOSED ACCEPT.       PROPOSED ACCEPT.         C1 105       SC 105.1.1       P 20       L 12       # [75]         Chalupsky, David       Intel       Proposed Response       Response Status       W         Source 302.3cc is an amendment to IEEE Std 802.3bt <sup>TM</sup> -2016, IEEE Std 802.	lidaka, Yasuo	Fujitsu Labor:	atories of		51			
25GBASE-T has been added by 802.3bq-2016.         SuggestedRemedy         Use the original text in 802.3bq which strikes out "and" before "25GBASE-SR" and inserts ", and 25GBASE-T" after "25GBASE-SR".         Proposed Response       Response Status         PROPOSED ACCEPT.         C/ 105       SC 105.1.1         P 20       L 12         # 75         Chalupsky, David       Intel         Comment Type       E         Comment Status       D         since 802.3cc is an amendment to IEEE Std 802.3bg <sup>-1/*</sup> -2016, IEEE Std 802.3bg <sup>-2/*</sup> -2016, IEEE	Comment Type E	Comment Status D						row for 25GBASE-SF
SuggestedRemedy         Use the original text in 802.3bq which strikes out "and" before "25GBASE-SR" and inserts         ", and 25GBASE-T" after "25GBASE-SR".         Proposed Response       Response Status         W       RCPOSED ACCEPT.         C/105       SC 105.1.1       P 20       L 12       # 75         Chalupsky, David       Intel       Comment Status       D         Since 802.3cc is an amendment to IEEE Std 802.3bq"M-2016, IEEE Std 802.3bq-2016)" to "(as inserted by	25GBASE-T has been a	added by 802.3bq-2016.						
Use the original text in 802.3bq which strikes out "and" before "25GBASE-SR" and inserts ", and 25GBASE-T" after "25GBASE-SR". PROPOSED ACCEPT. C/ 105 SC 105.1.1 P 20 L 12 # 75 Chalupsky, David Intel Comment Type E Comment Status D since 802.3cc is an amendment to IEEE Std 802.3br <sup>TM</sup> -2015, IEEE Std 802.3br <sup>TM</sup> -2016, IEEE Std 802.3br <sup>M</sup> -2016, IEEE Std 802.3br <sup>TM</sup> -2016, IEEE Std 802.3br <sup>TM</sup> -2016, IEEE Std 802.3br <sup>TM</sup> -2016, IEEE Std 802.3br <sup>M</sup> -2016, IEEE Std 802.3br <sup>TM</sup> -2016, IEEE Std 802.3br <sup>M</sup> -2016,	SuggestedRemedy					n "and before 25GBASE-T (as	inserted by IEEE	- Std 802 3ba-2016)
Proposed Response       Response Status       W         PROPOSED ACCEPT.       P1005 SC 105.1.1       P 20       L 12       # 75         Chalupsky, David       Intel       Intel       Comment Type       E       Comment Status       D         Since 802.3cc is an amendment to IEEE Std 802.3byTM-2016, IEEE Std 802.3bTM-2016, IEEE Std 802.3bT			nd" before "25GB	ASE-SR" and inserts				2 010 002.009 2010)
PROPOSED ACCEPT.         C/ 105       SC 105.1.1       P 20       L 12       # 75         Chalupsky, David       Intel       Intel       Ci nos       SC 105.2       P 21       L 17       # 39         Chalupsky, David       Intel       Intel       Ci nos       SC 105.2       P 21       L 17       # 39         Since 802.3cc is an amendment to IEEE Std 802.3TM-2015 as amended by IEEE Std 802.3bd TM-2016, IEEE Std 802.3bd Added 25GBASE-T to this paragraph.       SuggestedRemedy       In the editing instruction change "(as inserted by IEEE Std 802.3bq-2016)" to "(as inserted 25GBASE-T" to this sentence         Proposed Response       Response Status       W       PROPOSED ACCEPT.		r "25GBASE-SR".			Proposed Response	Response Status W		
C/ 105       SC 105.1.1       P 20       L 12       # [75]         Chalupsky, David       Intel         Comment Type       E       Comment Status       D         since 802.3cc is an amendment to IEEE Std 802.3TM-2015 as amended by IEEE Std 802.3bpTM-2015, IEEE Std 802.3bpTM-2016, and IEEE Std 802.3bTM-2016, IEE	, ,	,			PROPOSED ACCEP	Г.		
Cl 105 SC 105.1.1 P 20 L 12 # 75   Chalupsky, David Intel Comment Type E Comment Status D since 802.3cc is an amendment to IEEE Std 802.3 <sup>TM</sup> -2015 as amended by IEEE Std 802.3bp Since 802.3bc <sup>TM</sup> -2016, IEEE Std 802.3bp <sup>TM</sup> -2016, IEEE Std 802.3bp TM-2016, IEEE Std 802.3br <sup>TM</sup> -2016, IEEE Std 802.3bp TM-2016, IEEE Std 802.3br <sup>TM</sup> -2016, and IEEE Std 802.3bp TM-2016, UEEE Std 802.3br <sup>TM</sup> -2016, and IEEE Std 802.3bp TM-2016, SEE Std 802.3br <sup>TM</sup> -2016, and IEEE Std 802.3bp TM-2016, SEE Std 802.3br <sup>TM</sup> -2016, and IEEE Std 802.3bp TM-2016, See Status W SuggestedRemedy add "25GBASE-T" to this sentence Proposed Response Response Status W	PROPOSED ACCEPT.				C/ 105 SC 105 2	P <b>21</b>	/ 17	# 39
Comment Type       E       Comment Status       D         since 802.3cc is an amendment to IEEE Std 802.3 <sup>TM</sup> -2015 as amended by IEEE Std 802.3bq <sup>TM</sup> -2016, and IEEE Std 802.3bq <sup>TM</sup> -2016, IEEE Std 802.3bq <sup>TM</sup> -201	7 105 SC 105.1.1	P 20	L <b>12</b>	# 75				
Comment Type       E       Comment Status       D         since 802.3cc is an amendment to IEEE Std 802.3 <sup>TM</sup> -2015 as amended by IEEE Std 802.3bq <sup>TM</sup> -2016, IEEE Std 802.3bq <sup>TM</sup> -2016, IEEE Std 802.3bq <sup>TM</sup> -2016, IEEE Std 802.3bp       Table 105-2 has been modified by IEEE Std 802.3bq-2016         SuggestedRemedy       In the editing instruction change "(as inserted by IEEE Std 802.3bq-2016)" to "(as inserted by IEEE Std 802.3bq-2016)" to "(as inserted by IEEE Std 802.3bq-2016)" to "(as inserted by IEEE Std 802.3bq-2016)" in Table 105-2, change the heading "Clause" to "Clause/Annex"         SuggestedRemedy       add "25GBASE-T" to this sentence         Proposed Response       Response Status         W       PROPOSED ACCEPT.	halupsky, David	Intel			Comment Type E	Comment Status D		
802.3bw <sup>™</sup> -2015, IEEE Std 802.3by <sup>™</sup> -2016, IEEE Std 802.3bq <sup>™</sup> -2016, IÉEE Std 802.3bp       SuggestedRemedy         1 <sup>™</sup> -2016, IEEE Std 802.3br <sup>™</sup> -2016, IEEE Std 802.3bn <sup>™</sup> -2016, and IEEE Std 802.3b <sup>™</sup> -2016, and modified by IEEE Std 802.3bq-2016)"         2016 you might as well start with the most recent text. in this case 802.3bq added       In the editing instruction change "(as inserted by IEEE Std 802.3bq-2016)"         SuggestedRemedy       In Table 105-2, change the heading "Clause" to "Clause/Annex"         Proposed Response       Response Status         Proposed Response       Response Status		Comment Status D			51	modified by IEEE Std 802.3b	q-2016	
802.3bv/IM-2015, IEEE Std 802.3by/IM-2016, IEEE Std 802.3bq/IM-2016, IEEE Std 802.3bq/IM-2016, IEEE Std 802.3br/IM-2016, IEEE Std 802.3br/IM-20	omment Type E				SuggestedRemedv			
2016 you might as well start with the most recent text. in this case 802.3bq added       by IEEE Std 802.3by-2016 and modified by IEEE Std 802.3bq-2016)"         25GBASE-T to this paragraph.       In Table 105-2, change the heading "Clause" to "Clause/Annex"         SuggestedRemedy       Proposed Response         add "25GBASE-T" to this sentence       PROPOSED ACCEPT.         Proposed Response       Response Status         W       W	since 802.3cc is an ame				00 ,	on change "(as inserted by IEI	EE Std 802.3by-2	016)" to "(as inserted
SuggestedRemedy     Proposed Response     Response Status     W       add "25GBASE-T" to this sentence     PROPOSED ACCEPT.       Proposed Response     Response Status     W	since 802.3cc is an ame 802.3bw™-2015, IEEE		'bn+™-2016. and I	EEE Std 802.30''''-				
add "25GBASE-T" to this sentence PROPOSED ACCEPT.	since 802.3cc is an ame 802.3bw™-2015, IEEE ™-2016, IEEE Std 802. 2016 you might as well	3br™-2016, IEEE Std 802.3 start with the most recent te:						
Proposed Response Response Status W	since 802.3cc is an ame 802.3bw <sup>™</sup> -2015, IEEE <sup>™</sup> -2016, IEEE Std 802. 2016 you might as well 25GBASE-T to this para	3br™-2016, IEEE Std 802.3 start with the most recent te:			In Table 105-2, chang	e the heading "Clause" to "Cla		
	since 802.3cc is an ame 802.3bw <sup>™</sup> -2015, IEEE <sup>™</sup> -2016, IEEE Std 802. 2016 you might as well 25GBASE-T to this para 2uggestedRemedy	3br™-2016, IEEE Std 802.3 start with the most recent te: agraph.			In Table 105-2, chang Proposed Response	e the heading "Clause" to "Clause to "Cla		
	since 802.3cc is an ame 802.3bw <sup>™</sup> -2015, IEEE <sup>™</sup> -2016, IEEE Std 802. 2016 you might as well 25GBASE-T to this para SuggestedRemedy add "25GBASE-T" to th	3br™-2016, IEEE Std 802.3 start with the most recent te: agraph. is sentence			In Table 105-2, chang Proposed Response	e the heading "Clause" to "Clause to "Cla		
	since 802.3cc is an ame 802.3bw <sup>™</sup> -2015, IEEE <sup>™</sup> -2016, IEEE Std 802. 2016 you might as well 25GBASE-T to this para SuggestedRemedy add "25GBASE-T" to th Proposed Response	3br™-2016, IEEE Std 802.3 start with the most recent te: agraph. is sentence			In Table 105-2, chang Proposed Response	e the heading "Clause" to "Clause to "Cla		
	since 802.3cc is an ame 802.3bw <sup>TM</sup> -2015, IEEE <sup>TM</sup> -2016, IEEE Std 802. 2016 you might as well 25GBASE-T to this para uggestedRemedy add "25GBASE-T" to th roposed Response PROPOSED ACCEPT.	3br™-2016, IEEE Std 802.3 start with the most recent te: agraph. is sentence	ext. in this case 80	02.3bq added	In Table 105-2, chang Proposed Response	e the heading "Clause" to "Clause to "Cl		

C/ 105 SC 105.2

C/ 105 SC 105.3.5 Anslow, Pete	P <b>22</b> Ciena	L <b>5</b>	# 40	C/ 108 SC 108.7.3 Anslow, Pete	P <b>24</b> Ciena	L 13	# 42
Comment Type E Comme "Modify" is not a valid editing instru	<i>nt Status</i> <b>D</b> uction.			Comment Type E The other PICS items for column and 108.5.3.2 he	Comment Status <b>D</b> r optional PMD support do	not have entries	in the Subclause
SuggestedRemedy Change "Modify" to "Change"				SuggestedRemedy	ere does not help much.		
Proposed Response Respons PROPOSED ACCEPT.	e Status W				for 108.5.3.2 in 108.7.3 (or <i>Response Status</i> <b>W</b>	at least make th	em cross-reference
CI 105 SC 105.5 Anslow, Pete Comment Type E Comme	P 22 Ciena nt Status D	L <b>12</b>	# 41	C/ 108 SC 108.7.3	P <b>24</b> Futurewei, Si	L 13 ubsidiary	# 89
The insertion by 802.3bq is "25GB				Comment Type E PICS Maior Capabilities	Comment Status D pouints to subclause 108.5	5.3.2- but there is	no reason or
Also, the 25GBASE-T entry in this includes several other sublayer fur to be consistent with previous table	nctions such as PO	CS, FEC and PM	1A. Consequently, and	supporting SHALL staten			
includes several other sublayer fur to be consistent with previous table	nctions such as P( es the new entries 'Insert two new row	CS, FEC and PM would be better ws below 25GBA	IA. Consequently, and above 25GBASE-T.	supporting SHALL staten SuggestedRemedy Delete subclause referen			
includes several other sublayer fur to be consistent with previous table <i>SuggestedRemedy</i> Change the editing instruction to: ' 105-3 (as added by IEEE Std 802. Std 802.3bq-2016) as follows:	nctions such as P( es the new entries 'Insert two new row	CS, FEC and PM would be better ws below 25GBA	IA. Consequently, and above 25GBASE-T.	supporting SHALL staten SuggestedRemedy Delete subclause referen Proposed Response PROPOSED REJECT.	nce for -LR and -ER <i>Response Status</i> <b>W</b> atement is in the amendme	ent that will be ma	ade by
includes several other sublayer fur to be consistent with previous table SuggestedRemedy Change the editing instruction to: ' 105-3 (as added by IEEE Std 802. Std 802.3bq-2016) as follows: Proposed Response PROPOSED ACCEPT. C/ 108 SC 108.7.3	nctions such as P0 es the new entries 'Insert two new row 3bq-2016) and ab	CS, FEC and PM would be better ws below 25GBA	IA. Consequently, and above 25GBASE-T.	supporting SHALL staten SuggestedRemedy Delete subclause referen Proposed Response PROPOSED REJECT. The supporting "shall" sta	nce for -LR and -ER <i>Response Status</i> <b>W</b> atement is in the amendme	ent that will be ma	ade by # [ <u>43</u>
includes several other sublayer fur to be consistent with previous table SuggestedRemedy Change the editing instruction to: ' 105-3 (as added by IEEE Std 802. Std 802.3bq-2016) as follows: Proposed Response PROPOSED ACCEPT. C/ 108 SC 108.7.3 Remein, Duane	nctions such as PC es the new entries 'Insert two new row 3bq-2016) and ab ee Status W P 24 Huawei nt Status D	CS, FEC and PM s would be better ws below 25GBA hove 25GBASE-T	A. Consequently, and above 25GBASE-T. ASE-SR PMD in Table Γ (as inserted by IEEE	supporting SHALL staten SuggestedRemedy Delete subclause referen Proposed Response PROPOSED REJECT. The supporting "shall" sta IEEE_Std_802.3cc <sup>™</sup> -20 C/ 108 SC 108.7.4.2 Anslow, Pete Comment Type E "Modify" is not a valid edited	nce for -LR and -ER <i>Response Status</i> <b>W</b> atement is in the amendme 1x. <i>P</i> 24 Ciena <i>Comment Status</i> <b>D</b> liting instruction.	L <b>24</b>	# [43
includes several other sublayer fur to be consistent with previous table SuggestedRemedy Change the editing instruction to: ' 105-3 (as added by IEEE Std 802. Std 802.3bq-2016) as follows: Proposed Response Response PROPOSED ACCEPT. C/ 108 SC 108.7.3 Remein, Duane Comment Type E Comme Subclause references should be lii SuggestedRemedy	nctions such as P0 es the new entries 'Insert two new row 3bq-2016) and ab re <i>Status</i> <b>W</b> <i>P</i> <b>24</b> Huawei <i>nt Status</i> <b>D</b> nked	CS, FEC and PM s would be better ws below 25GBA hove 25GBASE-T	A. Consequently, and above 25GBASE-T. ASE-SR PMD in Table Γ (as inserted by IEEE	supporting SHALL staten SuggestedRemedy Delete subclause referen Proposed Response PROPOSED REJECT. The supporting "shall" sta IEEE_Std_802.3cc <sup>™</sup> -20 C/ 108 SC 108.7.4.2 Anslow, Pete Comment Type E "Modify" is not a valid edited	nce for -LR and -ER <i>Response Status</i> <b>W</b> atement is in the amendme 1x. <i>P</i> 24 Ciena <i>Comment Status</i> <b>D</b>	L <b>24</b>	# [43
includes several other sublayer fur to be consistent with previous table SuggestedRemedy Change the editing instruction to: ' 105-3 (as added by IEEE Std 802. Std 802.3bq-2016) as follows: Proposed Response Response PROPOSED ACCEPT. C/ 108 SC 108.7.3 Remein, Duane Comment Type E Comme Subclause references should be lii SuggestedRemedy Change "108.5.3.2" to hot link in 3	nctions such as P0 es the new entries 'Insert two new row 3bq-2016) and ab re <i>Status</i> <b>W</b> <i>P</i> <b>24</b> Huawei <i>nt Status</i> <b>D</b> nked	CS, FEC and PM s would be better ws below 25GBA hove 25GBASE-T	A. Consequently, and above 25GBASE-T. ASE-SR PMD in Table Γ (as inserted by IEEE	supporting SHALL staten SuggestedRemedy Delete subclause referen Proposed Response PROPOSED REJECT. The supporting "shall" sta IEEE_Std_802.3cc <sup>™</sup> -20 Cl 108 SC 108.7.4.2 Anslow, Pete Comment Type E "Modify" is not a valid edi The entry in the Status co SuggestedRemedy Change "Modify" to "Cha	nce for -LR and -ER <i>Response Status</i> <b>W</b> atement is in the amendment 1x. <i>P</i> 24 Ciena <i>Comment Status</i> <b>D</b> liting instruction. olumn is not shown as a change".	L 24	# 43
includes several other sublayer fur to be consistent with previous table SuggestedRemedy Change the editing instruction to: ' 105-3 (as added by IEEE Std 802. Std 802.3bq-2016) as follows: Proposed Response Response PROPOSED ACCEPT. C/ 108 SC 108.7.3 Remein, Duane Comment Type E Comme Subclause references should be lii SuggestedRemedy Change "108.5.3.2" to hot link in 3	nctions such as P( es the new entries 'Insert two new row 3bq-2016) and ab ee Status W P 24 Huawei nt Status D nked places (line 13, 15	CS, FEC and PM s would be better ws below 25GBA hove 25GBASE-T	A. Consequently, and above 25GBASE-T. ASE-SR PMD in Table Γ (as inserted by IEEE	supporting SHALL states SuggestedRemedy Delete subclause referen Proposed Response PROPOSED REJECT. The supporting "shall" states IEEE_Std_802.3cc <sup>™</sup> -20 Cl 108 SC 108.7.4.2 Anslow, Pete Comment Type E "Modify" is not a valid edite The entry in the Status co SuggestedRemedy Change "Modify" to "Change how the entry in the States	nce for -LR and -ER <i>Response Status</i> <b>W</b> atement is in the amendment 1x. <i>P</i> 24 Ciena <i>Comment Status</i> <b>D</b> liting instruction. olumn is not shown as a ch	L 24	# 43

C/ 108 SC 108.7.4.2

108 SC 108.7.4.2	P 24	L <b>30</b>	# 83	C/ 114 SC 6	P <b>30</b>	L <b>7</b>	# 53
immerman, George	CME Consult	ng, Inc.		Stassar, Peter	Huawei		
comment Type E	Comment Status D			Comment Type TR	Comment Status D		
Changes to status colur uggestedRemedy See comment roposed Response PROPOSED ACCEPT.	nn should be marked with ur Response Status W	nderline (insertio	n of"or LR or ER")	25GBASE-LR PMD The current paramet statement. The Average Launch damage threshold of receiver (2dBm), not	ent is included: The 25GBASE provided that the channel requi er values in Tables 114-6 and power (max) of the ER transm the LR receiver and the maxin allowing zero loss in the link.	rements for 25G Table 114-7 do r hitter is 6 dBm, w hum average rec Actually in this ca	BASE-LR are met. not support this which is above the ever power of the LR ase the minimum loss
7 <b>108</b> SC <b>108.7.4.2</b> lavick, Jeff	P <b>24</b> Broadcom Lin	L <b>30</b> nited	# 5	of the ER transmitter The other way aroun	B which would be not acceptal is 3.8dB higher than the maxin d the maximum power into a E	num receive OM R receiver from a	IA of the LR receiver. an LR transmitter is 2
<i>comment Type</i> <b>TR</b> The "OR" operator is a	Comment Status D				e damage threshold of the ER r ower of -4dB of the ER receiver		n 6dB above the
uggestedRemedy Change the 2 instances roposed Response PROPOSED ACCEPT.	of "or" in the status column Response Status W	for RF3 to be +	instead.	maximum average re performance of the L Additionally reduce t	y increase the values of the ER aceive power and Receive pow R receiver. he Average launch power (may ow the maximum power values	er (OMA), (Max)	to match the max of the ER
al <b>114</b> SC <b>5.6</b> tassar, Peter comment Type <b>ER</b> There is a spurious "the	P 29 Huawei <i>Comment Status</i> D " in strike-through	L <b>33</b>	# 52	deploying APD receip Option 2: remove the LR PMD provided th the center wavelengt	uired changes may be extreme vers and therefore the following e statement "The 25GBASE-EF at the channel requirements fo th range for the ER receiver in pecified for the ER transmitter)	g option 2 is prov R PMD interopera r 25GBASE-LR a Table 114-7 from	vided for consideration: ates with the 25GBASE are met." plus reduce
uggestedRemedy Remove the "the" in stri	ke-through			Proposed Response PROPOSED ACCEF	Response Status W		
roposed Response PROPOSED ACCEPT.	Response Status W				, #55 (#97 is duplicate of #55), een 25GBASE-LR and -ER.	#66 address the	same topic of
See note on Comment	¥16.			The conditions for in	teroperability between 25GBAS ninating interoperability altoget		need to be discussed.

C/ 114 SC 6

Zimmerman, George	P <b>25</b> CME Consulting	L <b>4</b> a. Inc.	# 84	C/ 114 SC 114.1 Anslow, Pete	P <b>25</b> Ciena	L <b>43</b>	# 44
Comment Type E	Comment Status D e "types" 25GBASE-LR and 25		ince there are 2 types,	Comment Type E The cross reference t SuggestedRemedy	Comment Status <b>D</b> o 105.2 should be to 105.3		
Change "type" to "types	5"			Change the cross ref			
Proposed Response PROPOSED ACCEPT.	Response Status W			Proposed Response PROPOSED ACCEP	Response Status W T.		
C/ <b>114</b> SC <b>114.1</b> Shiasi, Ali	P <b>24</b> Ghiasi Quantun	L 9	# 102	C/ 114 SC 114.1 Trowbridge, Steve	P <b>25</b> Nokia	L <b>49</b>	# 54
SuggestedRemedy	Comment Status <b>D</b> able and more reliable PIN base more reliable PIN based receinsmitter to the receiver		the link power budget	(terminology and com (Bibliography, referen it. Most similar clause does.	Comment Status <b>D</b> e "Further relevant information ventions, references, definition ced as [B1], [B2], etc.)." While s do not seem to have a sente	is and abbreviati this isn't untrue	ions) and Annex A , it adds nothing to say
Proposed Response PROPOSED REJECT.	Response Status W	onsidered. How	vever, the same	SuggestedRemedy Delete the sentence Proposed Response PROPOSED ACCEP	Response Status W		
subject is addressed in Comments #57~#62 an	other comments that have end ad #103~#108).	ough detail to b	e considered (see	C/ 114 SC 114.1	P 37	<i>L</i> 1	# 3
7 114 SC 114.1	P <b>25</b>	L 35	# 13	Ran, Adee	Intel		
emein, Duane	Huawei			Comment Type E	Comment Status D		
	Commence Clather F			rable numbering disc	ntinuity. This should be Table	114-11.	
comment Type E	Comment Status <b>D</b> eason clauses are all listed in a	ascending orde	r except for CI 78?	SuggestedRemedy Renumber.			

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/ 114 SC 114.1 Page 9 of 23 2017/01/03 23:00:46

X 114         SC 114.1         P 37         L 14         # 18           emein, Duane         Huawei	C/ 114         SC 114.1.1         P 26         L 36         # 15           Remein, Duane         Huawei
Comment Type E Comment Status D	Comment Type TR Comment Status D
Superfluous TLAs should be avoided. Here in Table 114-2 is the only instance of DGD. In order to use this text saving acronym you add 1.4.178a (pg 15) and footnote c to table 114-12. It would be much simpler just to use the real words. SuggestedRemedy Remove 1.4.178a and its associated Editing Instruction and footnote c in Table 114-12.	Untestable requirement; "The bit error ratio (BER) shall be less than" (also on line 40). Per text5 on pg 27 line 52 there is no requirement that this requirement can tested "TP1 and TP4 are informative reference points (these test points will not typically be accessible in an implemented system)." All requirements should be testable, hence this should not be a requirement.
Change "DCD_max" to "Differential group delay (max)".	SuggestedRemedy
Proposed Response Response Status W	Change language to be informative, remove PICS CF3
PROPOSED REJECT.	Proposed Response Response Status W PROPOSED REJECT.
The proposal for adding a definition for Differential Group Delay was discussed and approved by Task Force participants. It is expected to be useful for future clauses. The descriptions in the table match existing precedent (for example, see Table 88-14).	The BER specified in 114.1.1 is routinely measured at TP2, which is a testable point.
114 SC 114.1.1 P 26 L 36 # 14	- CI 114 SC 114.2.1 P 38 L 37 # 24 Winkel, Ludwig Siemens AG
emein, Duane Huawei	Wilkel, Ludwig Sienens AG
comment Type TR Comment Status D	Comment Type ER Comment Status D Note shall not provide provisions and requirements. Note shall only provide statements of facts
bomment Type <b>TR</b> Comment Status <b>D</b> BER Objective is: "Support a BER of better than or equal to 10-12 at the MAC/PLS service interface (or the frame loss ration equivalent)". Here you state a BER of 5 x 10-5. Perhaps this is because here you refer to some other point (pre FEC?).	
Comment Type       TR       Comment Status       D         BER Objective is: "Support a BER of better than or equal to 10-12 at the MAC/PLS service interface (or the frame loss ration equivalent)". Here you state a BER of 5 x 10-5. Perhaps this is because here you refer to some other point (pre FEC?). <i>tuggestedRemedy</i> Clarify that this BER target is pre FEC. For example change "The bit error ratio (BER) shall be less than" to "The bit error ratio (BER) measured at the PMD service interface shall be less than" <i>troposed Response Response Status</i> <b>W</b>	Note shall not provide provisions and requirements. Note shall only provide statements of facts.         SuggestedRemedy         Reformat the note to a text.         Proposed Response       Response Status
Comment Type       TR       Comment Status       D         BER Objective is: "Support a BER of better than or equal to 10-12 at the MAC/PLS service interface (or the frame loss ration equivalent)". Here you state a BER of 5 x 10-5. Perhaps this is because here you refer to some other point (pre FEC?).         uggestedRemedy       Clarify that this BER target is pre FEC. For example change "The bit error ratio (BER) shall be less than" to "The bit error ratio (BER) measured at the PMD service interface shall be less than"         roposed Response       Response Status       W         PROPOSED REJECT.       The conditions for the BER requirement for 25GBASE-LR and 25GBASE-ER are described in 114.1.1. The basic requirement is that the frame loss ratio be <6.2E-10 for 64-octet frames with minimum interpacket gap when processed according to Clause 108. Clause	Note shall not provide provisions and requirements. Note shall only provide statements of facts.         SuggestedRemedy         Reformat the note to a text.         Proposed Response       Response Status         W         PROPOSED REJECT.         Wording matches precedent set by related standards (see Clause 112.11.2.2 from P802.3by).         C/       114       SC 114.5.1       P 28       L 19       # 21         Winkel, Ludwig       Siemens AG         Comment Type       E       Comment Status       D
Comment Type       TR       Comment Status       D         BER Objective is: "Support a BER of better than or equal to 10-12 at the MAC/PLS service interface (or the frame loss ration equivalent)". Here you state a BER of 5 x 10-5. Perhaps this is because here you refer to some other point (pre FEC?).         PuggestedRemedy       Clarify that this BER target is pre FEC. For example change "The bit error ratio (BER) shall be less than" to "The bit error ratio (BER) measured at the PMD service interface shall be less than"         Proposed Response       Response Status       W         PROPOSED REJECT.       The conditions for the BER requirement for 25GBASE-LR and 25GBASE-ER are described in 114.1.1. The basic requirement is that the frame loss ratio be <6.2E-10 for 64-octet	Note shall not provide provisions and requirements. Note shall only provide statements of facts.         SuggestedRemedy         Reformat the note to a text.         Proposed Response       Response Status         W         PROPOSED REJECT.         Wording matches precedent set by related standards (see Clause 112.11.2.2 from P802.3by).         C/ 114       SC 114.5.1       P 28       L 19       # [21]         Winkel, Ludwig       Siemens AG         Comment Type       E       Comment Status       D         The text "For clarity, only one" is not appropriate as a key element of a Figure.         SuggestedRemedy
Comment Type       TR       Comment Status       D         BER Objective is: "Support a BER of better than or equal to 10-12 at the MAC/PLS service interface (or the frame loss ration equivalent)". Here you state a BER of 5 x 10-5. Perhaps this is because here you refer to some other point (pre FEC?). <i>buggestedRemedy</i> Clarify that this BER target is pre FEC. For example change "The bit error ratio (BER) shall be less than" to "The bit error ratio (BER) measured at the PMD service interface shall be less than" <i>broposed Response Response Status</i> W         PROPOSED REJECT.       The conditions for the BER requirement for 25GBASE-LR and 25GBASE-ER are described in 114.1.1. The basic requirement is that the frame loss ratio be <6.2E-10 for 64-octet frames with minimum interpacket gap when processed according to Clause 108. Clause	Note shall not provide provisions and requirements. Note shall only provide statements of facts.         SuggestedRemedy         Reformat the note to a text.         Proposed Response       Response Status         W         PROPOSED REJECT.         Wording matches precedent set by related standards (see Clause 112.11.2.2 from P802.3by).         Cl 114       SC 114.5.1       P 28       L 19       # 21         Winkel, Ludwig       Siemens AG         Comment Type       E       Comment Status       D         The text "For clarity, only one" is not appropriate as a key element of a Figure.

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C/         114         SC         114.5.4         P         29         L         6         #         73           Dawe, Piers         Mellanox	C/         114         SC         114.5.6         P 29         L 33         # 16           Remein, Duane         Huawei
Comment Type <b>TR</b> Comment Status <b>D</b> The transmit disable and signal detect limits should be made more friendly to quad modules with shared lasers, as recently done for 100GBASE-DR.	Comment Type E Comment Status D Spurious strike-thru font "the" in "b) If a PMD_fault is detected, then the PMD may set the PMD_global_transmit_disable"
SuggestedRemedy         Change the Average launch power of OFF transmitter (max) in Table 114-6 from -25 to -20 dBm.         Change the Average optical power at TP3 FAIL limit in Table 114-4 for LR from -25 to -20 dBm. Do not increase the -25 dBm limit for ER receiver because it always sees the signal after a minimum loss.         Proposed Response       Response Status       W         PROPOSED REJECT.       Proposed Response       Response	SuggestedRemedy         Remove the "the" that is in strike-thru font.         Proposed Response       Response Status         PROPOSED REJECT.         This "the" will be removed in D2.1 In earlier drafts, "the" corresponded to "variable" after the variable name. These two words were unnecessary, since the variable name can be referred to directly.
This topic has already been discussed several times. Comment #8 against D1.0 proposed -20dBm for the transmit disable and signal detect limit for 25GBASE-LR and -ER. However, the proposal was not accepted because the level was comparable to the minimum received power of 25GBASE-ER and because the corresponding specification of the PSM4 MSA was -30dBm. Comment #20 against D1.1 proposed -25 dBm. This value was viewed as being an improvement over -30 dBm, though not large enough to enter the range of difficulties that existed with -20 dBm. This proposal had consensus, so the value should remain -25 dBm.	Cl       114       SC       114.5.6       P 29       L 33       # 85         Zimmerman, George       CME Consulting, Inc.         Comment Type       E       Comment Status       D         strikeout of "the" shouldn't be in this as it is a newly inserted clause         SuggestedRemedy         delete struck-out "the"         Proposed Response       Response Status       W         PROPOSED ACCEPT.
Cl 114       SC 114.5.6       P 29       L 32       # 45         Anslow, Pete       Ciena       Ciena       # 45         Comment Type       E       Comment Status       D         In item a) "in Table 114.6" is a cross-reference to heading 114.6 but it should be a cross-reference to Table 114-6.       In item b) there is a spurious "the" in strikethrough font.         SuggestedRemedy       In item a) change the cross-reference to be to Table 114-6.       In item b) delete the spurious "the" in strikethrough font.         Proposed Response       Response Status       W         PROPOSED ACCEPT.       Frequence	Cl       114       SC       114.5.6       P 29       L 33       # 92         Dudek, Mike       Cavium         Comment Type       E       Comment Status       D         The "the" has a strike through font. It should be just "the" in normal font.         SuggestedRemedy         Fix it.         Proposed Response       Response Status       W         PROPOSED ACCEPT.

Cl 114 SC 114.6 Maguire, Valerie	<i>P</i> <b>30</b> Siemon	L <b>3</b>	# 91	C/ <b>114</b> Dawe, Pie	SC 114.6	P <b>30</b> Mellanox	L <b>5</b>	# 70
Comment Type <b>T</b> The Standards reference provided in this documer Also, Table 114-12 spec SuggestedRemedy Replace the second sent A 25GBASE-LR or 25GE cabling according to the requirements are satisfie	Comment Status <b>D</b> es for type B1.1, B3.1, and ht and are difficult to locate ifies performance for cablin	in the source 80 ng, not fibers. perates on sing able 114–12. Th 260793-2-50 typ	02.3-2015 Standard. le-mode fiber optic e fiber optic cable e B1.1 (dispersionun-	Comment "accor limits a Suggested Chang Table Proposed PROP	Type E ding to the spe as well as a cou <i>Remedy</i> le to "according 114-12". <i>Response</i> OSED REJEC	Comment Status D cifications defined in Table 114 uple of definitions in the notes g to the specifications given in T Response Status W	Fable 114-12" o	r simply "according to
	Response Status W 793-2-50 and the fiber desc d fiber cabling are used inte				<i>Type</i> <b>TR</b> ays "The 25GB	P 30 Ciena <i>Comment Status</i> D ASE-ER PMD interoperates wi irements for 25GBASE-LR are		# 46
C/ 114 SC 114.6 Ran, Adee	P 30 Intel	L 4	# [2	Howev require dBm a	ver, a 25GBAS ements for 25G verage power,	E-ER transmitter can launch 6 of BASE-LR allow 0 dB loss, so the which is above the 2 dBm aver	dBm average po he 25GBASE-Ll	R receiver could see 6
Comment Type <b>T</b> "type B1.1, B1.3, or B6_a	Comment Status <b>D</b> a single-mode fibers"				-	tement about interoperation or te.	modify the spec	cifications so that the
	efined? The reference to Tarre mentioned with a referen			Comm	OSED ACCEP ents #46, #53,	Response Status W T IN PRINCIPLE. #55 (#97 is duplicate of #55), # en 25GBASE-LR and -ER.	#66 address the	same topic of
Proposed Response PROPOSED ACCEPT.	Response Status W			The co	onditions for int	eroperability between 25GBAS ninating interoperability altogeth		eed to be discussed.
	rences Clause 88.11, whicl footnote has been updated		e IEC document.					

C/ 114 SC 114.6.1 Dawe, Piers	P <b>30</b> Mellanox	L <b>27</b>	# 71	Cl <b>114</b> S Winkel, Ludwig	C 114.6.1	P <b>30</b> Siemens AG	L <b>35</b>	# 22
and the specifications a SuggestedRemedy 95.7.1 has "shall meet	Comment Status <b>D</b> specifications defined in Table aren't defined in the table but the specifications in Table 95 iilarly (delete "defined"). Also	in 114.7. –6 per the defin		for example "Signaling "Side-mode where in th	nbt way to pr e rate (range) e suppressic ie 2nd occur	Comment Status D ovide additional information to " n ratio (SMSR), (min)" ence a comma is used to separate the brackets.	·	Ū
Proposed Response PROPOSED ACCEPT Wording is consistent v but the word "defined"	vith existing precedent of simi	ilar clauses (for	example, see 88.7.1),	brackets as	My prefere s part of the signaling rat	nce is to use a comma. Altern sentense for example: e". <i>Response Status</i> <b>W</b>	atively conside	r to use the term in
C/ <b>114</b> SC <b>114.6.1</b> Dawe, Piers Comment Type <b>E</b>	P 30 Mellanox Comment Status D	L <b>30</b>	# [69	PROPOSE	D REJECT.	llow existing precedent of rela	ted clauses (for	r example, see Table
This is a spec, not a da SuggestedRemedy				Winkel, Ludwig		P 30 Siemens AG	L <b>39</b>	# 23
	"transmit characteristics" to ns at TP2". Similarly for the r			Comment Type The abbrev		Comment Status D also in other lines max) is not a	appropriate.	
Proposed Response PROPOSED REJECT.				SuggestedRem Write the fu "maximum"	ull term inste	ad of abbreviation "minimum"	(respectively ir	n other lines
The word choice follow	s existing precedent (for exar	npie, see 88.7.1	and 1 able 88-7).	Proposed Resp PROPOSE	oonse D REJECT.	Response Status W		
				Descriptior 88-7).	ns in table fo	llow existing precedent of rela	ted clauses (for	r example, see Table

C/ 114         SC 114.6.1         P 30         L 40         # 25           Kimber, Mark         Semtech         Semtec	C/         114         SC         114.6.1         P 30         L 42         # 68           Dawe, Piers         Mellanox
Comment Type <b>T</b> Comment Status <b>D</b> The current maximum average launch power is specified as +6dBm. For low loss fibre this is on the edge of the SBS threshold. Even with a revised minimum fibre loss of 0.356dB/km (ITU document T-REC-G.695-201501-I) the threshold is approximsyrly 6.16dBm. Recommend keeping the maximum power limit >1dB lower than the threshold. SuggestedRemedy Change maximum average Tx launch power to +5dBm Proposed Response Response Status <b>W</b> PROPOSED ACCEPT IN PRINCIPLE. Maximum Tx launch power for 25GBASE-ER will be revisited during the discussion on Comments #46, #52, #55 (#97), #66 which concern interoperability between -LR and -ER. We may find it difficult to lower if the proposals in Comments #57~#62, #103~#108 are adopted. These propose to shift the budget up by +2.8 dBm to allow PIN receivers.	Comment Type       TR       Comment Status       D         The minimum average power at ER receiver is not consistent with the minimum average power at ER transmitter and max loss. For LR, the limits could be improved for better network maintenance. Average power max-min spread is 9 dB, much more than the OMA spread and more than is useful. The proposed numbers reduce this to 8.2 dB, so still convenient for high extinction ratio transmitters.         SuggestedRemedy       Change the minimum average powers:         LR Tx min from -7 to -6.2       LR Rx min from -7 to -6.2         LR Rx min from -13.3 to -12.5       ER Tx from -3 to -2.2         ER Rx from -19.6 to -20.2       In Table 114-6, transmit characteristics, delete note a.         In Table 114-7, receive characteristics, change note b from:       Average receive power (min) is informative and not the principal indicator of signal strength. A received power below this value cannot be compliant; however, a value above this does not ensure compliance.         to:       Average receive power (min) is not the principal indicator of signal strength. A received power below this value cannot be compliant; however, a value above this does not ensure compliance.         to:       Average receive power (min) is not the principal indicator of signal strength. A received power below this value cannot be compliant; however, a value above this does not ensure compliance.         to:       Average receive power (min) is not the principal indicator of signal strength. A received power below this value cannot be compliant; however, a value above this does not ensure compliance.
	Proposed Response Response Status W PROPOSED REJECT.

This relates to a discussion the group has already had on how to relate OMA, average power (Pavg), and extinction ratio (ER). Arguments were made for choosing a maximum ER to avoid average power ranges that will not be encountered in practice. However, the consensus of the group was to follow precedent and allow for infinite ER when calculating Pavg (min) from OMA (min) (i.e. a difference of ~3dB between OMA (min) and Pavg (min)).

C/ 114 SC 114.6.1	P <b>30</b>	L <b>42</b>	# 61	C/ 114	SC 114.6.1	P <b>30</b>	L <b>46</b>	# 103
Huang, Xi	Huawei Techr	nologies		Xu, Yu		Huawei Techr	nologies	
Comment Type TR	Comment Status X			Comment T	ype TR	Comment Status X		
	ER )To allow lower cost PIN bas need to increase from -3dBm t					R)Based on DML or EML, Tx our corresponding proposal fo		pability to achieve
SuggestedRemedy				Suggested	Remedy			
-0.2				2.8				
Proposed Response	Response Status W			Proposed F	esponse	Response Status W		
(Need discussion)				(Need o	liscussion)			
Comments #61 and #	#108 are identical.			Comme	ents #62 and #1	03 are identical.		
C/ 114 SC 114.6.1	P <b>30</b>	L <b>42</b>	# 108	C/ 114	SC 114.6.1	P 30	L 47	# 104
(u, Yu	Huawei Techr	nologies		Xu, Yu		Huawei Techr	nologies	
Comment Type TR	Comment Status X			Comment T	ype TR	Comment Status X		
	ER )To allow lower cost PIN bas need to increase from -3dBm t				or 25GBASE-EF	R)It is the same reason with I	Line 46, the OM	A min is shifted 2.8dB
SuggestedRemedy				Suggested	Remedy			
-0.2				1.8				
Proposed Response	Response Status W			Proposed F	esponse	Response Status W		
(Need discussion)				(Need o	liscussion)			
Comments #61 and #	#108 are identical.			Comme	ents #57 and #1	04 are identical.		
C/ 114 SC 114.6.1	P <b>30</b>	L <b>46</b>	# 62	C/ 114	SC 114.6.1	P 30	L <b>47</b>	# 57
luang, Xi	Huawei Techr	nologies		Huang, Xi		Huawei Techr	nologies	
Comment Type TR	Comment Status X			Comment T	ype TR	Comment Status X		
	ER ) Based on DML or EML, Tx our corresponding proposal fo		pability to achieve		or 25GBASE-EF MA min-TDP	R)It is the same reason with I	Line 46, the OM	A min is shifted 2.8dB
SuggestedRemedy				Suggested	Remedy			
2.8				1.8				
Proposed Response	Response Status W			Proposed F	esponse	Response Status W		
(Need discussion)				(Need o	liscussion)			
Comments #62 and #	103 are identical.			Comme	ents #57 and #1	04 are identical.		

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/ 114 SC 114.6	6.1 <i>P</i> 31	L 5	# 64	C/ 114 SC 114.6.2	P 32	L 14	# 47
Dawe, Piers	Mellanox	_0	"	Anslow, Pete	Ciena		"
Comment Type TR	Comment Status D			Comment Type <b>T</b> C	omment Status D		
operate over a wid receiver reflectanc	extinction ratio limit should be re le temperature range. 10GBASE- e and worse TDP than 25GBASE	-ER has a 3 dB li -ER, so there is	imit with the same room to relax the	The damage threshold for 2 of 2 dBm, but is not enough transmitter which could emit	to protect against accid	dental connection	
	ne max average and OMA and mi	n IL specs contir	nue to protect the APD.	SuggestedRemedy			
SuggestedRemedy Change 4 dB to 3.	5 dB			If it is feasible, increase the connection with a 25GBASE	E-ER transmitter.		
Proposed Response	Response Status W			If this is not feasible, then re	-	shold to something	more reasonable.
PROPOSED REJE	ECT.				sponse Status W		
Data presented wa	as for 4dB extinction ratio. The co	mment does not	give a compelling	PROPOSED ACCEPT IN P	RINGIPLE.		
	specification further.	L5	# 63	The damage threshold of 25 should be lowered to a more average launch power, whic	e "reasonable" value su	ch as +1 dBm abo	
Dawe, Piers	Mellanox	_0			<b>`</b>	,	
Comment Type TR	Comment Status D			C/ 114 SC 114.6.2 Dawe, Piers	P <b>32</b> Mellanox	L 15	# 72
operate over a wid	extinction ratio limit should be rel le temperature range. This can be r reflectance and TDP than 10GB/ 3 dB	e done here bec		Comment Type <b>T</b> C The receiver damage limits +2 so if an ER is accidently be used it won't be damage What do we gain by setting	connected to 25GBASE d? If not, can it be raise	E-LR without the a ed to +0.5 to withs	ttenuator that should
Proposed Response	Response Status W			SuggestedRemedy			
PROPOSED REJE	ECT.			For discussion			
	o the PSM4 MSA specification. S SE-LR is required for breakout ap			Proposed Response Re PROPOSED ACCEPT IN P	esponse Status W RINCIPLE.		

C/ <b>114</b> Dudek, Mike	SC 114.6.2	P <b>32</b> Cavium	L 16	# 55	C/ 114 SC 11	4.6.2	P <b>32</b> Cavium	L 18	# 93
,									
specific	114.6 says tha ations. The LR	Comment Status <b>D</b> t the ER and LR will interoper specifications do not include the minimum attenuation is 00	a minimum atter	uation, therefore it	and the attenuat	eive power (min) for		The min Average	Tx power is -3dBm
overloa	d with the highe	est OMA and average power t	nat either LR or I	ER provides.	SuggestedRemedy Change -19.6 to	01			
SuggestedF	Remedy				8				
power (	max) to 6dBm f	reshold to 7dBm for both LR a or both LR and ER. Change	the Receive pow	er (OMA) Max to	Proposed Response PROPOSED AC		Status W		
60Bm f0 88-8	or doth LR and	ER. Add afootnote to these re	ows equivalent to	footnote d in table	Comments #48,	#56, #93 address sa	ame point.		
Proposed R	Response	Response Status W			C/ 114 SC 11	4.6.2	P 32	L 18	# 105
PROPC	DSED ACCEPT	IN PRINCIPLE.			Xu, Yu		Huawei Tech	inologies	
Comme	ents #46, #53, #	55 (#97 is duplicate of #55), #	66 address the s	ame topic of	Comment Type	<b>R</b> Comment	Status X		
The cor	nditions for inter	n 25GBASE-LR and -ER.		ed to be discussed.	(Only for 25GBA Page 30, to keep +2.8-18=-16.8dE	SE-ER ), we change o 18dB link power bu 3m	e the average p idget, the Avera	oower in Tx side to age receiver powe	9 2.8dB in Line 46, er (Min) should be
This ma	ay include elimir	nating interoperability altogeth	er.		SuggestedRemedy				
C/ 114	SC 114.6.2	P 32	L 16	# 97	-16.8				
udek, Mike	e	Cavium			Proposed Response	Response S	Status W		
comment T	ype TR	Comment Status D			PROPOSED RE	JECT.			
specific must be	ations. The LR	t the ER and LR will interoper specifications do not include the minimum attenuation is 00	a minimum atter B. The Receive	uation, therefore it rs must therefore not		and #105 are identic			
overloa	d with the highe	est OMA and average power t	nat either LR or I	ER provides.		e proposed change t r PIN PD receivers. I			
uggestedF					discussion. If it is	s adopted, however,	changing "Ave	erage receiver pov	ver (min)" to -16.8
power (	max) to 6dBm f	reshold to 7dBm for both LR a or both LR and ER. Change ER. Add afootnote to these re	the Receive pow	er (OMA) Max to	dBm is inconsist Comment #61. 1	ent with an "Average The value should be -	e transmit powe -18.2 dBm, give	er (min)" of -0.2 df en a channel loss	3m, as proposed in of 18 dB.

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Comments #46, #53, #55 (#97 is duplicate of #55), #66 address the same topic of interoperability between 25GBASE-LR and -ER.

The conditions for interoperability between 25GBASE-LR and -ER need to be discussed. This may include eliminating interoperability altogether.

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/         114         SC         114.6.2         P 32         L 18         # 48           Anslow, Pete         Ciena	C/ 114 SC 114.6.2 P 32 L 19 # 56 Tamura, Kohichi Oclaro
Comment Type <b>TR</b> Comment Status <b>D</b> The average receive power (min) for 25GBASE-ER is -19.6 dBm. However, the average	Comment Type <b>TR</b> Comment Status <b>D</b> "Average receive power (min)" is -19.6dBm, but it should be -21dBm because "Average
launch power (min) is -3 dBm and the channel insertion loss (max) is 18 dB, so this should be -21 dBm.	launch power (min)" is -3dBm and "Channel loss" is 18dB.
SuggestedRemedy	SuggestedRemedy Change "Average receive power (min)" to -21dBm.
Change the average receive power (min) for 25GBASE-ER to -21 dBm.	
Proposed Response Response Status W PROPOSED ACCEPT.	Proposed Response Response Status W PROPOSED ACCEPT.
PROPOSED ACCEPT.	Comments #48, #56, #93 address same point.
Comments #48, #56, #93 address same point.	C/ 114 SC 114.6.2 P 32 L 24 # 59
C/ 114         SC 114.6.2         P 32         L 18         # 58           Huang, Xi         Huawei Technologies	Huang, Xi Huawei Technologies
	Comment Type TR Comment Status D
Comment Type <b>TR</b> Comment Status <b>D</b> (Only for 25GBASE-ER), we change the average power in Tx side to 2.8dB in Line 46, Page 30, to keep 18dB link power budget, the Average receiver power (Min) should be +2.8-18=-16.8dBm	(Only for 25GBASE-ER ), To allow lower cost pin based implementation for 25G SMF 40Km, link budget shifts the 2.8 dB of OMA from the receiver to the transmitter. Thus, supports all 4 combination of the device type, i.e., EML/DML+PIN and EML/DML+APD. We think Receiver sensitivity (OMA), (max) of -16.2dBm is reasonable. See our corresponding
SuggestedRemedy	proposal for clarification.
-16.8	SuggestedRemedy
Proposed Response Response Status W	-16.2
PROPOSED REJECT.	Proposed Response Response Status W
Comments #50 and #405 are identical	(Needs discussion)
Comments #58 and #105 are identical.	Comments #59 and #106 are identical.
This is part of the proposed change to shift the budget to higher OMA (by +2.8 dBm) in order to allow for PIN PD receivers. In general, the change to the budget requires further discussion. If it is adopted, however, changing "Average receiver power (min)" to -16.8 dBm is inconsistent with an "Average transmit power (min)" of -0.2 dBm, as proposed in Comment #61. The value about the 18.2 dBm is inconsistent with an "Average transmit power (min)" of -0.2 dBm, as proposed in	

Comment #61. The value should be -18.2 dBm, given a channel loss of 18 dB.

C/ 114 SC 114.6.2 P 32 L 24 # 106	C/ 114 SC 114.6.2 P 32 L 26 # 49
Xu, Yu Huawei Technologies	Anslow, Pete Ciena
Comment Type TR Comment Status X	Comment Type T Comment Status D
(Only for 25GBASE-ER), To allow lower cost pin based implementation for 25G SMF 40Km, link budget shifts the 2.8 dB of OMA from the receiver to the transmitter. Thus, supports all 4 combination of the device type, i.e., EML/DML+PIN and EML/DML+APD. We think Receiver sensitivity (OMA), (max) of -16.2dBm is reasonable. See our corresponding proposal for clarification.	For 25GBASE-LR the receiver sensitivity (OMA) is -11.3 dBm and the Vertical eye closure penalty is 1.9 dB. This means that the stressed receiver sensitivity should be -9.4 dBm. For 25GBASE-ER the receiver sensitivity (OMA) is -19 dBm and the Vertical eye closure penalty is 1.9 dB. This means that the stressed receiver sensitivity should be -17.1 dBm. SuggestedRemedy
SuggestedRemedy	For 25GBASE-LR change the stressed receiver sensitivity to -9.4 dBm.
-16.2	For 25GBASE-ER change the stressed receiver sensitivity to -17.1 dBm.
Proposed Response Response Status W	Proposed Response Response Status W
(Need discussion)	PROPOSED ACCEPT IN PRINCIPLE.
Comments #59 and #106 are identical.	The current stressed receiver sensitivity and stressed eye closure conditions match PSM4.
C/ 114 SC 114.6.2 P 32 L 26 # 60	<ul> <li>PSM4 breakout termination is expected to be an important application of 25GBASE-LR (see tamura_3cc_adhoc_01 from 2016/9/7).</li> </ul>
Huang, Xi Huawei Technologies	
Comment Type TR Comment Status X	However, assumptions in budget are different from prior Ethernet standards, as commenter points out. This issue should be discussed and resolved.
(Only for 25GBASE-ER), In D2.0, the gap between Receiver sensitivity (OMA), (max) and Stressed receiver sensitivity (OMA), (max) is 2.5dB. We use the same value to shift the Stressed receiver sensitivity (OMA), (max) from -16.5dBm to -13.7dBm.	C/         114         SC         114.6.2         P 32         L 26         # 107           Xu, Yu         Huawei Technologies
SuggestedRemedy	Comment Type TR Comment Status X
-13.7	(Only for 25GBASE-ER), In D2.0, the gap between Receiver sensitivity (OMA), (max) and
Proposed Response Response Status W	Stressed receiver sensitivity (OMA), (max) is 2.5dB. We use the same value to shift the Stressed receiver sensitivity (OMA), (max) from -16.5dBm to -13.7dBm.
(Need discussion)	SuggestedRemedy
Comments #60 and #107 are identical.	-13.7
	Proposed Response Response Status W
	(Need discussion)
	Comments #60 and #107 are identical.

C/ 114 SC 114.6 Dawe, Piers	.2 P 32 Mellanox	L <b>29</b>	# 65	C/ <b>114</b> Zimmerma	SC <b>114.6.3</b> In, George	P <b>33</b> CME Consul	L <b>1</b> ting, Inc.	# 86
not a very accurate	Comment Status D e penalty as defined by 87.8.11 ( way of calibrating a stressed ey	e for a PMD that	uses FEC. Now that		'illustrative" mea	Comment Status <b>D</b> In the same thing as informat confused with a requirement		se mark this section
	er that aligns more closely to TD sistent over a range of stressed			<i>Suggested</i> Add "(i	,	ne title of 114.6.3 and table 1	14-8	
Modify footnote e. 95.8.8.2. In 114.7. (SEC)". Add a sen very similar stresse	B vertical eye closure penalty to a Change the VECP entry in Table 10, change "vertical eye closure tence after the list to say that 2.5 d eyes. This will also make the b	e 114-9 to an SE0 penalty" to "stres dB SEC and 1.9	C entry, referring to sed eye closure dB VECP represent	The us 88.7.3)	OSED REJECT se of the word "i ). It is not a requ	Response Status W lustrative" follows precedent irrement, and has a similar m in the past, it is better to mair	eaning as "inforr	mative". Since this has
understand, and m oposed Response PROPOSED REJE Presentation neede	-			C/ <b>114</b> Dawe, Pier <i>Comment</i> There	Туре Т	P 33 Mellanox Comment Status D be any distinction between "	L 9	# 67
114 SC 114.6 udek, Mike	.2 P 32 Cavium	L <b>30</b>	# 98	loss al	lowed", and I th out the table allo	nk of the attenuator for a ver cates it to "channel".		
They should be eq 100GBASE-LR4 th smaller and the J4 though the TDP for	Comment Status <b>D</b> he stressed receiver sensitivity or uivalent to what is seen with the re vertical eye closure penalty is of jitter is significantly smaller than 100GBASE-LR4 is only 2dB. To or the Tx, even though this is equ	max TDP (2.7dB) only 0.1dB larger the J9 jitter for 10 he mask is also s	Comparing to the J2 is 0.03UI 00GBASE-LR4. evem significantly tighter	Chang If desir achiev Delete <i>Proposed I</i>	te the Channel i red, add note to red by using an the "Additional Response	nsertion loss (max) for 30 km the 10 for Channel insertion attenuator. insertion loss allowed" row. <i>Response Status</i> <b>W</b> IN PRINCIPLE.		

SuggestedRemedy

input.

Change the vertical eye closure penalty to 2.7dB and the SRS eye mask to match the Tx output values.

Proposed Response Response Status W

PROPOSED REJECT.

Presentation needed.

Table 114-8 maintains a similar form to Table 88-9 of 100GBASE-ER4 on illustrative link power budgets. Table 88-9 has 15 dB for "Channel insertion loss (max)" and 3dB for "Additional insertion loss allowed", so this part of Table 114-8 should stay the same.

Table 114-8 adds a row for "Channel insertion loss (min)" that does not appear in Table 88-9. A note will be added to clarify that this may be achieved by use of an attenuator.

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/ 114	SC 1	14.6.3	P 33	L <b>9</b>	# 66	C/ 114	SC	114.7.2		P 33	L <b>46</b>	# 87
Dawe, Pie			Mellanox			Zimmermar	n, Geo	orge		CME Consult	ting, Inc.	
that th need t	says that the channe to control	el require the minii	Comment Status D BASE-ER PMD interoperate ments for 25GBASE-LR are mum attenuation, and the m ssumes the same attenuatio	met. However aximum attenua	this isn't the case; we ation can be higher than	undefin standa	vaveler ned. D rds? /	o you me Are they ic	an to specify t	TIA/EIA-455-1 hat the wavele they interchar	ngth be measure	30-1-3, it appears to d according to thos n not entirely sure v
			ng misconfiguration.			Suggestedl			uy may be on	••		
SuggestedRemedy Either remove the claim for interoperation in 114.6, or: Add columns to Table 114-8, illustrative link power budgets: LR to ER and ER to LR, max loss 6.3, min loss 6.2, additional loss allowed 4 dB.					Change TIA/EI/	e "The 4-455-	waveleng 127-A or	IEC 61280-1-3	." to ""When m	neasured accordin	14–6 if measured p ng to TIA/EIA-455- in Table 114–6."	
			, max loss 6.3, min loss 6.2, o make this comprehensible			Proposed F	Respoi	nse	Response S	Status W		
4, no a	additional	I IL row).				PROPO	OSED	ACCEPT	IN PRINCIPL	E.		
	nent). If th		sistent with proposed new n ad limits are changed withou			require	ment o	on the me	thod, but, if m		uring wavelength. an those listed a	There is no re used, they must
Proposed Response Response Status <b>W</b>					produce an equivalent result.							
PROPOSED ACCEPT IN PRINCIPLE. Comments #46, #55, #66, #97 address the same topic of interoperability between			. How	ever, char			ting standards (fo in the current wor	or example, see rding does appear				
	ASE-LR a					C/ 114	SC	114.7.3		P 33	L 51	# 88
			operability between 25GBAS		need to be discussed.	Zimmermar				CME Consult		# 00
This n	nay includ	de elimina	ating interoperability altogeth	ner.		Comment 7	Туре	TR	Comment	Status D		
						If the a	verage	e optical p	ower isn't mea	asured per IEC	C 61280-1-1, it ap	pears to be undefin
						Suggestedl	Reme	dy				
						measu	red us	ing the m	ethods given i	n IEC 61280-1-		n Table 114–6 if easured according iven in Table 114–
						Proposed F	Respoi	nse	Response S	Status W		
						PROPO	OSED	ACCEPT	IN PRINCIPL	E.		
							hod, b	ut, if meth			e optical power . T are used, they mu	here is no require st produce an
							. How	ever, char			ting standards (fo in the current wor	or example, see rding does appear t

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C/ 114 SC 114.7.5.4 P 35 L 22 # 17 Remein, Duane Huawei	C/         114         SC         114.9         P 36         L 35         # 50           Anslow, Pete         Ciena         Ciena </td
Comment Type E Comment Status D It would be a kindness to the reader to inform him/her what is being tested here.	Comment Type E Comment Status D "100GBASE-LR and 100GBASE-ER" should be "100GBASE-LR4 and 100GBASE-ER4"
SuggestedRemedy Change section title from "Test procedure" to "TDP test procedure"	SuggestedRemedy Change "100GBASE-LR and 100GBASE-ER" to "100GBASE-LR4 and 100GBASE-ER4"
roposed Response Response Status W PROPOSED REJECT.	Proposed Response Response Status W PROPOSED ACCEPT.
Section title matches that of existing precedent in similar clauses (see 88.8.5.4).	C/ 114 SC 114.10 P 36 L 41 # 96 Dudek, Mike Cavium
C/         114         SC         114.7.5.4         P 35         L 24         # 95           Dudek, Mike         Cavium           Comment Type         T         Comment Status         D	Comment Type         T         Comment Status         D           The reference to 88.11 then points to table 88-14. Table 114-12 is needed instead.
Clause 52.9.10.4 requires a BER of 1e-12. This should use the 5e-5 BER uggestedRemedy	SuggestedRemedy Add "with the exception that Table 88-14 is replaced by Table 114-12.
Add "except that the BER shall be 5e-5. roposed Response Response Status W	Proposed Response Response Status W PROPOSED ACCEPT.
PROPOSED ACCEPT.	Note Table 114-12 should have been Table 114-11.
// 114         SC 114.8         P 36         L 30         # 4           lavick, Jeff         Broadcom Limited         4	C/         114         SC         114.10         P 37         L 13         # 26           Anslow, Pete         Ciena         Ciena<
omment Type TR Comment Status D Have a shall statement but no matching PICS	Comment Type E Comment Status D Minus signs should be en-dash
uggestedRemedy Add COM10 for subclause 114.8	SuggestedRemedy Change the three minus signs in Table 114-12 to be en-dash (Ctrl-q Shft-p)
roposed Response Response Status W PROPOSED REJECT.	Proposed Response Response Status W PROPOSED ACCEPT.
114 11 4.6 is the matching PICS for 114.8, 114.8 references 112.8, and the subclauses	

114.11.4.6 is the matching PICS for 114.8. 114.8 references 112.8, and the subclauses from 112.8 are directly referenced in the table.

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/ 114 SC 114.11.4.1 Anslow, Pete	P <b>4</b> Ciena	-	L <b>7</b>	# 27
Comment Type E In item CF1, the comma	Comment Status after "PCS" is in un			
SuggestedRemedy Remove the underline.				
Proposed Response PROPOSED ACCEPT.	Response Status	w		
C/ 114 SC 114.11.4.6			L <b>30</b>	# 6
Slavick, Jeff	Broad	com Limited		
Comment Type E Status column for CES*		-	fied	
	dueshi appear to be	e center justi	leu	
SuggestedRemedy Make it center justified				
Proposed Response PROPOSED REJECT.	Response Status	w		
Item column is left justifie	!			

C/ 114 SC 114.11.4.6