C/FM SC FM	<i>P</i> 11	L 3	# i-36	C/ 1	SC 1.4.64ca	P 18		# i-15
Grow, Robert	RMG Consult	ing		Anslow, Pete	er	Ciena	Corporation	
Comment Type G	Comment Status X is included in the published s	tandard therefor	a it should not use the	Comment Ty	,	Comment Status inserted subclauses		
draft name.	s included in the published s						/requirements/words.h	ntml#numb
SuggestedRemedy	c-20xx to IEEE Std 802.3cc-2	2014			g to item 3a), tł ld be 1.4.64e1	ne newly inserted 25	GBASE-ER should be	e 1.4.64c1 and 25GBASE-
Proposed Response				SuggestedR	emedy			
Floposed Response	Response Status O				er 1.4.64ca to 1 er 1.4.64ea to 1			
C/FM SC FM	P 13	L 25	# i-37	Proposed Re	esponse	Response Status	0	
Grow, Robert	RMG Consult	ing						
Comment Type G	Comment Status X			C/ 45	SC 45.2.1.6	P 20		# i-16
0	een published and should be	e in the list.		Anslow, Pete			Corporation	
	5/Cor 1-2017 ies which lane of the media o tity (PHY) is used as the time			11010	,	·	X ed row for 1 1 0 1 0 x 1	with:
Proposed Response	Response Status 0			SuggestedR	emedy			
							ed by IEEE Std 802.3	
Cl 0 SC 0 Perry, Lisa Comment Type G	P Comment Status D	L	# [i-20	Change "1 1 0 1 in striket	the row for 1 1 0 1 = " is not un hrough font.	0101 to "11010	-LR PMA/PMD" is un	IA/PMDreserved", where derlined and "reserved" is
This draft meets all edi				Proposed Re		Response Status		
SuggestedRemedy							•	
				C/ 45	SC 45.2.1.8	P 20	D L 52	# i-21
Proposed Response	Response Status O			BUCANEG,	DEMETRIO JR	Hawai	iian Electric Com	
				Comment Ty	pe TR	Comment Status	X	
					ectively. If "DIS			BASE-LR and 25GBASE- NABLE" attribute? Why
				SuggestedR	emedy			
				Proposed Re	esponse	Response Status	0	
TYPE: TR/technical require	d ER/editorial required GR/	general required	T/technical E/editorial G/o	eneral			C/ 45	Page 1 of 7

COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SC 45.2.1.8 2017/05/14 12:54:02 SORT ORDER: Clause, Subclause, page, line

C/78 SC 78.1.4 P 22 L 6 # i-22	C/ 108 SC 108.7.3 P 27 L 10 # i-25					
BUCANEG, DEMETRIO JR Hawaiian Electric Com	BUCANEG, DEMETRIO JR Hawaiian Electric Com					
Comment Type G Comment Status X	Comment Type GR Comment Status X					
"PHY types optionally supporting EEE" appeared in alignment with the "EEE" column designations in "Table 105-2" for all "Nomenclatures".	Add the corresponding "Subclause" references on "*LR and *ER" rows in the 'Table' of Subclause "108.7.3" for completeness.					
SuggestedRemedy	SuggestedRemedy					
Proposed Response Response Status O	Proposed Response Response Status O					
C/ 105 SC 105.5 P 25 L 28 # <u>i-23</u> BUCANEG, DEMETRIO JR Hawaiian Electric Com	Cl 114 SC 114.5.5 P 32 L 23 # [i-26] BUCANEG, DEMETRIO JR Hawaiian Electric Com					
BUCANEG, DEMETRIO JR Hawaiian Electric Com Comment Type GR Comment Status X	Comment Type ER Comment Status X					
Quote as: "cShould there be a discrepancy between this table and the delay required of the relevant sublayer clause, the sublayer clause prevails." This 'Note c' is not necessary should "Table 105-3" is correctly align with Sub-clause "114.3" in this document. Suggest deleting notation as shown.	Subclause "114.12.4.1" as per "Item CF11" if such.					
SuggestedRemedy Delete Note c as: "cShould there be a discrepancy between this table and the delay requirements of the relevant sublayer clause, the sublayer clause prevails."	Proposed Response Response Status O					
Proposed Response Response Status O	C/ 114 SC 114.6.1 P 33 L 47 # i-2 Laubach, Mark Broadcom Limited					
C/ 108 SC 108.5.3.2 P 26 L 17 # i-24	Comment Type E Comment Status X Lowercase "M" and "A" in lines 47 and 49.					
BUCANEG, DEMETRIO JR Hawaiian Electric Com Comment Type ER Comment Status X Last sentence applies to "25GBASE-R RS-FEC" where "25GBASE-SR, 25GBASE-L	SuggestedRemedy As per comment.					
25GBASE-ER PHY" are covered. That seemed to coordinate with "Table 105-2" as "Mandatory". However, "25GBASE-CR and 25GBASE-KR" have the same mandato requirement as indicated in "Table 105-2" but were not included in this last sentence Suggest the suitable addition as shown for Table 105-2 alignment.	Proposed Response Response Status O					
SuggestedRemedy						
Last sentence revision as: "This option shall not be used when the 25GBASE-R RS-						
sublayer is used to form part of a 25GBASE-CR, 25GBASE-KR, 25GBASE-SR, 25G LR, or 25GBASE-ER PHY."	BASE-					

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 114.6.1 Page 2 of 7 2017/05/14 12:54:02

P 33 L s Broadcom Limited ment Status X g defined in next table row er	50 # <u>i-3</u>	b)" in Page 38, Line 37 [,] SuggestedRemedy	Comment Status X A(max)" value in "Table 114-6" coordinate with Su	# [<u>i-27</u> ubclause "114.7.7
defined in next table row er	ntry. Define it here, modified	Comment Type TR Should the "RIN20OMA b)" in Page 38, Line 37' SuggestedRemedy	Comment Status X A(max)" value in "Table 114-6" coordinate with Su	ıbclause "114.7.7
nse Status O		Dropood Doopono-		
		Proposed Response	Response Status O	
P 34 L T Mellanox Technologie		C/ 114 SC 114.6.1 Anslow, Peter	P 34 L 15 Ciena Corporation	# <mark>i-17</mark>
e range. The APD receiver i le power and min IL, that me his change.	s protected from overload by	Same issue on page 35 SuggestedRemedy In "5x10-5" change the	5, line 36 x character to a multiply sign (Ctrl-q 0).	
Mellanox Technologie nent Status X io limit should be relaxed to e range. The limit should be ster. This can be done here TDP than 10GBASE-LR. Th and max average power tha	allow low cost transmitters that lower than 10GBASE-LR because 25GBASE-LR has e receiver is protected from	Cl 114 SC 114.6.2 Laubach, Mark Comment Type E Add a period at end of s SuggestedRemedy As per comment. Proposed Response	P 35 L 42 Broadcom Limited Comment Status X sentence for footnote "d". Response Status O	# [<u>i-1</u>
	Mellanox Technologie ment Status X tio limit should be relaxed to e range. The APD receiver is ge power and min IL, that me this change. <i>Data Compose Status</i> O <i>P</i> 34 <i>L</i> Mellanox Technologie ment Status X tio limit should be relaxed to e range. The limit should be ster. This can be done here TDP than 10GBASE-LR. Th	Mellanox Technologie ment Status X tio limit should be relaxed to allow low cost transmitters that e range. The APD receiver is protected from overload by ge power and min IL, that mean that the highest power in 0, this change. onse Status O P 34 L7 Mellanox Technologie ment Status X tio limit should be relaxed to allow low cost transmitters that e range. The limit should be lower than 10GBASE-LR ster. This can be done here because 25GBASE-LR has TDP than 10GBASE-LR. The receiver is protected from and max average power that mean that the highest power	Mellanox TechnologieAnslow, Peterment Status XComment Type Etio limit should be relaxed to allow low cost transmitters that e range. The APD receiver is protected from overload by ge power and min IL, that mean that the highest power in 0, this change.In "5x10-5" the x charad Same issue on page 38onse Status OSuggestedRemedy In "5x10-5" change the Make the same changeP 34L 7# i-34Mellanox TechnologieC/ 114SC 114.6.2ment Status X tio limit should be relaxed to allow low cost transmitters that e range. The limit should be lower than 10GBASE-LR ster. This can be done here because 25GBASE-LR has TDP than 10GBASE-LR. The receiver is protected from and max average power that mean that the highest powerC/ 114SuggestedRemedy As per comment. Proposed ResponseSuggestedRemedy As per comment. Proposed Response	Mellanox Technologie ment Status X tio limit should be relaxed to allow low cost transmitters that e range. The APD receiver is protected from overload by ge power and min IL, that mean that the highest power in 0, this change. onsee Status O P34 L7 P34 L7 Mellanox Technologie ment Status X to limit should be relaxed to allow low cost transmitters that e range. The limit should be lower than 10GBASE-LR ster. This can be done here because 25GBASE-LR has TDP than 10GBASE-LR. The receiver is protected from and max average power that mean that the highest power

Change 3.5 dB to 3 dB

Proposed Response Response Status **0**

C/ 114 SC 114.6.2

C/ 114 SC 114.6.3	P 36	L 9	# i-38	C/ 114 SC 114.7.3		L7	# i-14
cones, Peter Comment Type TR C Looking at "Table 114-825 the link budget doesn't alloc PMD reflectance's are inclu penalty becomes significant See the presentation from J king 03cc 01 0517 (was 2	ate penalty for MPI MPI ded. If any 35 dB RL or 2 t. lonathon King to the 802.	SE-ER illustrativ penalty is only r 6 dB RL conne 3cc AdHoc mee	negligible if just the ctors are included, MPI eting 10 May 2017,	find a value of 30dB "114.6.1"? <i>SuggestedRemedy</i> As per comment.	Broadcom Lin Comment Status X rence to a related subclase for in 114.6.1 in Table 114-6. Char	"Side mode sup	•
comment. SuggestedRemedy If connector reflections are to penalty, the amount will dep	to be accounted for, then	in 114.6.3, add	an allocation for MPI	Proposed Response Cl 114 SC 114.7.3 Laubach, Mark Comment Type E	Broadcom Lin Comment Status X		# <u>i</u> -4
The text "40a" is not in line	P 36 Dell Comment Status X with other text in the table	L 13	# [i-19	OMA was defined or line 21). Same line 2 SuggestedRemedy As per comment. Proposed Response	page 33. Just "OMA" here (w 3 for "TDP". <i>Response Status</i> 0	ill be consistent	with not spelling out or
	esponse Status O			Cl 114 SC 114.7.3 Laubach, Mark Comment Type E Remove "(OMA)" fro	Broadcom Lin Broadcom Lin Comment Status X m title, already has been define		# <u>i-5</u>
Cl 114 SC 114.6.3 BUCANEG, DEMETRIO JR Comment Type TR C The value of "Channel Inser should match the same item "15 dB" compared to "18 dE SuggestedRemedy	n in Page 40, Line 7 of "T	BASE-ER (30k		SuggestedRemedy As per comment. Proposed Response	Response Status O		

Proposed Response Response Status **0**

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

C/ 114 SC 114.7.3 Page 4 of 7 2017/05/14 12:54:02

Cl 114 SC 114.7.3 Laubach, Mark	P 37 Broadcom Lim	<i>L</i> 33 nited	# i-6	C/ 114 SC 114.7.6 Anslow, Peter	P 38 Ciena Corpo	L 31 ration	# i-18
Comment Type E C Remove "(TDP)" from title,	Comment Status X already has been defined	I.		<i>Comment Type</i> E The note should have p	Comment Status X baragraph tag "Note" (which	will reduce the for	nt size)
SuggestedRemedy As per comment.				SuggestedRemedy Apply paragraph tag "N	lote" to the note.		
Proposed Response R	esponse Status O			Proposed Response	Response Status O		
C/ 114 SC 114.7.3 Laubach, Mark	P 37 Broadcom Lim	L 34 hited	# [i-7	C/ 114 SC 114.7.10 Laubach, Mark	Р 39 Broadcom Li	L 9 mited	# [i-8
Comment Type E C Be consistent with line 28, c	Comment Status X change "Transmitter and c	dispersion penal	ty (TDP)" to "TDP".	Comment Type E Add period to end of lin	Comment Status X ne for "a)".		
SuggestedRemedy As per comment.				SuggestedRemedy As per comment.			
Proposed Response R	esponse Status O			Proposed Response	Response Status O		
<i>Cl</i> 114 <i>SC</i> 114.7.5.1 BUCANEG, DEMETRIO JR	P 37 Hawaiian Elec	<i>L</i> 48 tric Com	# <u>i-33</u>	C/ 114 SC 114.7.10 Laubach, Mark	P 39 Broadcom Li	<i>L</i> 22 mited	# [i-9
Comment Type TR C Item "e) RIN of less than -1 of "Table 114-6" in Page 34 disregard references to item effect.	, Line 9. If so, please syn	chronize magnit	ude for alignment and	Comment Type TR " <ital>f</ital> " needs to SuggestedRemedy Define "f", Add a table t	Comment Status X be defined for use in Table footnote?	114-10 What doe	es "f" represent?
SuggestedRemedy				Proposed Response	Response Status O		
Proposed Response R	esponse Status O			C/ 114 SC 114.9 BUCANEG, DEMETRIO JR	P 39 R Hawaiian Ele	L 39 ectric Com	# i-29
				Comment Type ER	Comment Status X		
				Add and define "INS" n "114.12.3" Page 42, Lir	narking of cable to align with ne 11.	the "*INS" row of	"Table" in Subclause
				SuggestedRemedy			
				Proposed Response	Response Status O		

P 42 C/ 114 SC 114.12.3 L 6 # i-32 C/ 114 SC 114.12.4.2 P 44 L 6 # i-11 BUCANEG, DEMETRIO JR Hawaiian Electric Com Laubach, Mark Broadcom Limited Comment Status X Comment Type GR Comment Type TR Comment Status X In the "Table" of Subclause "114.12.3", the "*-asterisk" sign must be defined as notation of Value/Comment needs text for CM1. this "Table". SuggestedRemedy SuggestedRemedy As per comment. Proposed Response Response Status 0 Proposed Response Response Status 0 C/ 114 SC 114.12.4.2 P 44 16 # i-31 C/ 114 SC 114.12.4.1 P 43 L 6 # i-10 BUCANEG. DEMETRIO JR Hawaiian Electric Com Laubach. Mark Broadcom Limited Comment Type **G** Comment Status X Comment Type TR Comment Status X In "Status" column of "Table" in Subclause "114.12.4.2. Item CM1", what is "MD:M"? If "O" Value/Comment needs text for CF1 and CF2. stands for "manadatory", then it partly aligns with other provisions in this document depending on the meaning of "MD". SugaestedRemedv SugaestedRemedv As per comment. Proposed Response Response Status 0 Proposed Response Response Status **O** C/ 114 SC 114 12 4 1 P 43 L 32 # i-30 C/ 114 SC 114.12.4.5 P 45 L7 # i-13 BUCANEG, DEMETRIO JR Hawaiian Electric Com Laubach, Mark Broadcom Limited Comment Type G Comment Status X Comment Type TR Comment Status X In "Status" column of "Table" in Subclause "114.12.4.1, Item CF11", what is "MD:O"? If "O" stands for "optional", then it partly aligns with other provisions in this document depending I did not find a normative reference for "TIA/EIA-455-127-A" in IEEE Std. 802.3-2015 on the meaning of "MD". Clause 1.3. I also did not find it added by any of the ammendments listed in the front matter on pages 12-13. Please add the normative reference as an insert for Clause 1.3. SuggestedRemedy (Note: I found the same problem with 802.by-2016. Should have been caught there.) SuggestedRemedy Proposed Response Response Status 0 As per comment. Proposed Response Response Status **O**

P802.3cc D3.0 25 Gb/s Ethernet Over Single Mode Fiber Initial Sponsor ballot comments

C/ 114	SC 114.12.4.5	P 4	5	L 12	# i-12
Laubach, I	Mark	Broad			
Comment Value/	51	Comment Status ext for COM4, COM		OM8, and (COM9.
Suggested As per	<i>IRemedy</i> r comment.				
Proposed	Response	Response Status	0		

C/ 114 SC 114.12.4.5