C/FM SC FM	P 15	L 2	# 69	C/ 001	SC 1.4.54a	P 35	L 10	# 8
Hidaka, Yasuo	Fujitsu Lab of A	_		Lusted, Kent		Intel		
Comment Type E	Comment Status D		bucket	Comment Ty	pe TR	Comment Status D		bucket
In the table of contents 45.2.14.b1 through 45	s, there is no space between cl .2.1.14b1.6.	ause number a	nd clause title for	The defir DR4 in P		BASE-DR does not quite alig	n with 200GBAS	E-DR2 and 400GBASE-
SuggestedRemedy				SuggestedRe	emedy			
Increase the space aft	er clause number in the format	of table of con	tents.			.3 Physical Layer specification g and 4-level pulse amplitude		
Proposed Response	Response Status W					reach up to at least 500 m. (
PROPOSED ACCEPT				Proposed Re	esponse	Response Status W		
C/ 000 SC 0	P 293	L 1	# 71	PROPOS	SED ACCEPT	-		
Hidaka, Yasuo	Fujitsu Lab of <i>I</i>	America		C/ 001	SC 1.4.58a2	P 35	L 29	# 10
Comment Type E	Comment Status D		bucket	Lusted, Kent		Intel		
clause number and do have to expand the bo	the texts of the top-level bookm not include the title of the clau okmark to see the title of the a	se. It is not con		<i>Comment Ty</i> The defir FR8 in P	, nition of 50GB	Comment Status D ASE-FR does not quite align	with 200GBASE	bucket FR4 and 400GBASE-
SuggestedRemedy				SuggestedRe				
	the top-level of the bookmark. PMA sublayer partitioning exam I the Annexes.			Change 50GBAS	to: "IEEE 802 E-R encoding	.3 Physical Layer specification and 4-level pulse amplitude	modulation over	one wavelength on
Proposed Response	Response Status W			0	-	reach up to at least 2 km. (S	ee IEEE Std 802	2.3, Clause 139.)"
PROPOSED ACCEPT	-			Proposed Re PROPOS	esponse SED ACCEPT	Response Status W		
template the PDF boo the commenter reques	e of the way the Annex heading kmark headings cannot be gen sts. Instead, for that format the	erated automat	ically in the format that	C/ 001 Lusted, Kent	SC 1.4.58a4	P 35 Intel	L 36	# 11
generated after the PD	JF is created.			Comment Ty	pe TR	Comment Status D		bucket
To save some effort of the format until publication	n the part of the editorial team, ation.	I would ask that	t the task force forgive	The defir LR8 in P		ASE-LR does not quite align	with 200GBASE	-LR4 and 400GBASE-
				SuggestedRe	emedy			
				50GBAS	E-R encoding	.3 Physical Layer specification and 4-level pulse amplitude reach up to at least 10 km. (modulation over	one wavelength on

Proposed Response Response Status W

PROPOSED ACCEPT.

C/ 001 SC 1.4.58a4

C/ 001 SC 1.4.58a6 P 35 L 44	# 64		SC 30.5.1.1.2	P 31		L 50	# 2	
Aaguire, Valerie Siemon		Marris, Arthu	r	Cader	nce Design	Syste		
Comment Type E Comment Status D 50GBASE-SR will run over one transmit and one receive fiber; not "a	<i>bucket</i> a" fiber.	<i>Comment Ty</i> Say expli		Comment Status new entries should I				Bucket
SuggestedRemedy		SuggestedRe	emedy					
Replace, "using 50GBASE-R encoding over a multimode fiber" with, encoding over one lane of multimode fiber"	"using 50GBASE-R			new entries should l		in 30.5.1.1.2		
Proposed Response Response Status W		Also 50G	BASE-FR is de	fined im lause 139	(not 138)			
PROPOSED ACCEPT IN PRINCIPLE.		Also say	explicitly where	the entires should I	be inserted	in 30.6.1.1.5		
For 50GBASE-SR there is no need to mention the number of lanes. based on the definition for 25GBASE-SR which is also a single-lane the definition should not imply a single fiber.		Proposed Re PROPOS	esponse SED ACCEPT.	Response Status	W			
Change "a multimode" to "multimode".		<i>Cl</i> 030 Ran, Adee	SC 30.5.1.1.2	P 31 Intel	В	L 50	# 19	
C/030 SC 30 P 38 L 2	# 137	Comment Ty	pe E	Comment Status	D			Bucket
Slavick, Jeff Broadcom Limited				ntries is not specife	-	ruction. The ex	act location is	
Comment Type T Comment Status D	Bucket	difficult to	o describe now,	but may be easier				
Need to bring in aBIPErrorCount, aFECAbilty, aLaneMapping, aRSFI		after a re	evision project.					
aRSFECLaneMapping and add 50G to their defnitions		Also appl	lies in 30 6 1 1 !	5				
			lies in 30.6.1.1.	5.				
		SuggestedRe	emedy		ublication) s	stating that the	exact location	s for
SuggestedRemedy Per comment		SuggestedRe Add edito	emedy	removed prior to pu	ublication) s	stating that the	exact location	s for
SuggestedRemedy		SuggestedRe Add edito insertion	emedy or's notes (to be should be indic	removed prior to pu ated.	ublication) s	stating that the	exact location	s for
SuggestedRemedy Per comment Proposed Response Response Status W PROPOSED ACCEPT.		SuggestedRe Add edito insertion Apply in a	emedy or's notes (to be should be indic all relevant subo	removed prior to ρι ated. clauses.	,	stating that the	exact location	s for
SuggestedRemedy Per comment Proposed Response Response Status PROPOSED ACCEPT. Cl 030 SC 30.3.2.1.2 P 38 L 16	# 18	SuggestedRe Add edito insertion Apply in a Proposed Re	emedy or's notes (to be should be indic all relevant subo esponse	removed prior to pu ated.	,	stating that the	exact location	s for
SuggestedRemedy Per comment Proposed Response Response Status W PROPOSED ACCEPT.	# 18	SuggestedRe Add edito insertion Apply in a Proposed Re	emedy or's notes (to be should be indic all relevant subo	removed prior to ρι ated. clauses.	,	stating that the	exact location	s for
SuggestedRemedy Per comment Proposed Response Response Status W PROPOSED ACCEPT. Cl 030 SC 30.3.2.1.2 P 38 L 16 Ran, Adee Intel Comment Type E Comment Status D	Bucket	SuggestedRe Add edito insertion Apply in a Proposed Re PROPOS	emedy or's notes (to be should be indic all relevant subo esponse	removed prior to ρι ated. clauses.	w	stating that the	exact location	s for
SuggestedRemedy Per comment Proposed Response Response Status W PROPOSED ACCEPT. Cl 030 SC 30.3.2.1.2 P 38 L 16 Ran, Adee Intel Comment Type E Comment Status D In the base document 100GBASE-R appears as "multi-lane PCS", bu	Bucket	SuggestedRe Add edito insertion Apply in a Proposed Re PROPOS	emedy or's notes (to be should be indic all relevant subo sponse SED ACCEPT.	removed prior to pu ated. clauses. <i>Response Status</i>	w	Ū		s for
SuggestedRemedy Per comment Proposed Response Response Status W PROPOSED ACCEPT. Cl 030 SC 30.3.2.1.2 P 38 L 16 Ran, Adee Intel Comment Type E Comment Status D	Bucket	SuggestedRe Add edito insertion Apply in a Proposed Re PROPOS	emedy or's notes (to be should be indic all relevant subd esponse SED ACCEPT. SC 30.5.1.1.2	removed prior to pr ated. clauses. <i>Response Status</i> P 39	W 9	Ū		s for Bucket
SuggestedRemedy Per comment Proposed Response Response Status W PROPOSED ACCEPT. CI 030 SC 30.3.2.1.2 P 38 L 16 Ran, Adee Intel Comment Type E Comment Status D In the base document 100GBASE-R appears as "multi-lane PCS", bu	Bucket	SuggestedRe Add edito insertion Apply in a Proposed Re PROPOS C/ 030 Ran, Adee Comment Typ	emedy or's notes (to be should be indic all relevant subc sponse SED ACCEPT. SC 30.5.1.1.2 pe E	removed prior to po ated. clauses. <i>Response Status</i> <i>P</i> 39 Intel	W 9 D	L 3	# 20	
SuggestedRemedy Per comment Proposed Response Response Status W PROPOSED ACCEPT. Cl 030 SC 30.3.2.1.2 P 38 L 16 Ran, Adee Intel Comment Type E Comment Status D In the base document 100GBASE-R appears as "multi-lane PCS", bu from 50GBASE-R. Similarly in 30.5.1.1.2.	Bucket	SuggestedRe Add edito insertion Apply in a Proposed Re PROPOS C/ 030 Ran, Adee Comment Ty/ Base doo	emedy or's notes (to be should be indic all relevant subc sponse SED ACCEPT. SC 30.5.1.1.2 pe E cuemnt uses "co	removed prior to pr ated. clauses. <i>Response Status</i> <i>P</i> 39 Intel <i>Comment Status</i>	W 9 D	L 3	# 20	
SuggestedRemedy Per comment Proposed Response Response Status W PROPOSED ACCEPT. Cl 030 SC 30.3.2.1.2 P 38 L 16 Ran, Adee Intel Comment Type E Comment Status D In the base document 100GBASE-R appears as "multi-lane PCS", bu from 50GBASE-R. Similarly in 30.5.1.1.2.	Bucket	SuggestedRe Add edito insertion Apply in a Proposed Re PROPOS C/ 030 Ran, Adee Comment Ty Base doo Appears	emedy or's notes (to be should be indic all relevant subo sponse SED ACCEPT. SC 30.5.1.1.2 pe E cuemnt uses "co 3 times	removed prior to pr ated. clauses. <i>Response Status</i> <i>P</i> 39 Intel <i>Comment Status</i>	W 9 D	L 3	# 20	
SuggestedRemedy Per comment Proposed Response Response Status W PROPOSED ACCEPT. Cl 030 SC 30.3.2.1.2 P 38 L 16 Ran, Adee Intel Comment Type E Comment Status D In the base document 100GBASE-R appears as "multi-lane PCS", but from 50GBASE-R. Similarly in 30.5.1.1.2. SuggestedRemedy	Bucket	SuggestedRe Add edito insertion Apply in a Proposed Re PROPOS C/ 030 Ran, Adee Comment Ty Base doo Appears SuggestedRe	emedy or's notes (to be should be indic all relevant subo seponse SED ACCEPT. SC 30.5.1.1.2 pe E cuemnt uses "co 3 times emedy	removed prior to pr ated. clauses. <i>Response Status</i> <i>P</i> 39 Intel <i>Comment Status</i> opper balanced" inst	W 9 D tead of "bala	L 3	# 20	
SuggestedRemedy Per comment Proposed Response Response Status W PROPOSED ACCEPT. Cl 030 SC 30.3.2.1.2 P 38 L 16 Ran, Adee Intel Comment Type E Comment Status D In the base document 100GBASE-R appears as "multi-lane PCS", bu from 50GBASE-R. Similarly in 30.5.1.1.2. SuggestedRemedy Insert "multi-lane PCS" after "Clause 133" in both places.	Bucket	SuggestedRe Add edito insertion Apply in a Proposed Re PROPOS C/ 030 Ran, Adee Comment Ty/ Base doo Appears SuggestedRe Change "	emedy or's notes (to be should be indic all relevant subo seponse SED ACCEPT. SC 30.5.1.1.2 pe E cuemnt uses "co 3 times emedy "balanced coppe	removed prior to pr ated. clauses. <i>Response Status</i> <i>P</i> 39 Intel <i>Comment Status</i> opper balanced" inst	W 9 D tead of "bala ced" 3 time	L 3	# 20	
SuggestedRemedy Per comment Proposed Response Response Status W PROPOSED ACCEPT. Cl 030 SC 30.3.2.1.2 P 38 L 16 Ran, Adee Intel Comment Type E Comment Status D In the base document 100GBASE-R appears as "multi-lane PCS", but from 50GBASE-R. Similarly in 30.5.1.1.2. SuggestedRemedy Insert "multi-lane PCS" after "Clause 133" in both places. Proposed Response Response Status	Bucket	SuggestedRe Add edito insertion Apply in a Proposed Re PROPOS C/ 030 Ran, Adee Comment Ty/ Base doo Appears SuggestedRe Change "	emedy or's notes (to be should be indic all relevant subo seponse SED ACCEPT. SC 30.5.1.1.2 pe E cuemnt uses "co 3 times emedy "balanced coppe	removed prior to pr ated. clauses. <i>Response Status</i> <i>P</i> 39 Intel <i>Comment Status</i> opper balanced" inst	W 9 D tead of "bala ced" 3 time	L 3	# 20	

SORT ORDER: Clause, Subclause, page, line

Base document includes number of lanes for all multi-lane copper cable and optical PHYs. SuggestedRemedy Insert "2 lane" and "4 lane" as necessary. Proposed Response Response Status W PROPOSED ACCEPT. Cl 030 SC 30.5.1.1.7 P 40 L 7 # 23 Ran, Adee Intel Comment Type T Comment Status D Bucket The last occurrence of "and" in this line (preceding "2 500 000") should be deleted as it is not the last item. SuggestedRemedy ger comment. Proposed Response Response Status W PROPOSED ACCEPT. Cl 045 SC 45 P 42 L 0 # 153 Slavick, Jeff Broadcom Limited Comment Type T Comment Status D bucket SuggestedRemedy per comment. Proposed Response Response Status W PROPOSED ACCEPT. Add 50G and 100GAUI-2 to 802.3bs 45.2.1.116d, 45.2.1.116f. May want to		
Comment Type E Comment Status D Bucket Base document includes number of lanes for all multi-lane copper cable and optical PHYs. SuggestedRemedy MDIO RS-FEC registers need to include 134 SuggestedRemedy Insert 2 lane* and 4 lane* as necessary. Proposed Response Response Status W PROPOSED ACCEPT. Proposed Response Response Status W PROPOSED ACCEPT. C 033 SC 30.5.1.1.17 P40 L7 #23 Intel Intel PROPOSED ACCEPT. Intel W Comment Type T Comment Status D Bucket The last occurrence of "and" in this line (preceding "2 500 000") should be deleted as it is not the last item. Broadcom Limited Froadcom Limited SuggestedRemedy per ornment. Froadcom Limited Broadcom Limited Broadcom Limited SuggestedRemedy per T Comment Type T Comment Type T Comment Status D bucket Stavick, Jeff Broadcom Limited Broadcom Limited Broadcom Limited Broadcom Limited Comment Type T Comment Status D bucket BS has changed taxt in 4.5.2.1.124 that specifies the behavior of PRBS enables for 200 & dog. Suggest		
Insert "2 lane" and "4 lane" as necessary. Proposed Response Response Status W PROPOSED ACCEPT. Cf 030 SC 30.5.1.1.17 P 40 L7 # 23 Cf 030 SC 30.5.1.1.17 P 40 L7 # 23 Cf 030 SC 30.5.1.1.17 P 40 L7 # 23 The last occurrence of "and" in this line (preceding "2 500 000") should be deleted as it is not the last item. Suggested Remedy The last occurrence of "and" in this line (preceding "2 500 000") should be deleted as it is not the last item. Suggested Remedy PROPOSED ACCEPT. Cf 045 SC 45 P 42 L0 # 153 Slavick, Jeff Broadcom Limited Comment Type T Comment Status D bucket BS has changed text in 45.2.1.124 that specifies the behavior of PRBS enables for 200 & 400G. Suggested Remedy Add 50G, 100G PAM4 into the new text since the "all others" text is wrong for 802.3bc. May want to Just add the sub-section for D1.1 with an editors note to copy the text for 802.3bc adds the sub-section for D1.1 with an editors note to copy the text for 802.3bc adds the sub-section for D1.1 with an editors note to copy the text for 802.3bc adds the sub-section for D1.1 with an editors note to copy the text for 802.3bc adds the sub-section for D1.1 with an editors note to copy the text for 802.3bc adds the sub-section for D1.1 with an editors note to copy the text for 802.3bc adds the sub-section for D1.1 with an editors note to copy the text for 802.3bc adds the sub-section for D1.1 with an editor should be changed for 802.3bc adds the sub-section for D1.1 with an editors note to copy the text for 802.3bc adds the sub-section for D1.1 with an editor should be changed for 802.3bc adds the sub-section for D1.1 with an editor should be changed for 802.3bc adds the sub-section for D1.1 with an editor should be changed for 802.3bc adds the sub-section for D1.1 with an editor should be changed for 802.3bc adds the sub-section for D1.1 with an editor should be changed for 802.3bc adds the sub-section for D1.1 with an editor should be changed for 802.3bc adds the sub-section for D1.1 with an editor should be changed for should be changed for 802.	Comment Type E Comment Status D Buck	t Comment Type T Comment Status D bucket
Cl 030 SC 30.5.1.1.17 P 40 L7 # 23 Ran, Adee Intel Intel Intel Comment Type T Comment Status D Bucket The last occurrence of *and* in this line (preceding *2 500 000*) should be deleted as it is not the last item. Bucket Suggested/Remedy per comment. Proposed Response Response Status W PROPOSED ACCEPT. P 42 L0 # 153 Cl 045 SC 45 P 42 L0 # 153 Slavick, Jeff Broadcom Limited MoliO for C2C and C2M AUI controls I think are using the 200/400G versions. Current 802.3bs lists the register names and 200GAUI-n and 400GAUI-n. Suggested/Remedy Slavick, Jeff Broadcom Limited Intel Comment Type T Comment Status D bucket Bs has changed text in 45.2.1.124 that specifies the behavior of PRBS enables for 200 & 400G. Intel Proposed Response Response Status W SuggestedRemedy Ad 50G, 100G PAM4 into the new text since the "all others" text is wrong for 802.3cd. May want to just add the sub-section for D1.1 with an editors note to copy the text for 802.3bs into D1.2 since I believe it maybe changing for 802.3bs D2.2. Implement suggested remedy using editorial licence Proposed Response Response Status W PROPOSED ACCEPT IN	Insert "2 lane" and "4 lane" as necessary. Proposed Response Response Status W	Add clause 134 to the description of 45.2.1.102.5, 45.2.1.102.6, 45.2.1.102.2, 45.2.1.102.1, 45.2.1.108
Comment type The last occurrence of "and" in this line (preceding "2 500 000") should be deleted as it is not the last item. SuggestedRemedy per comment. Proposed Response Response Status W Proposed Response Response Status W PROPOSED ACCEPT. Image: Status Image: Status MDIO for C2C and C2M AUI controls I think are using the 200/400G versions. Current 802.3bs lists the register names and 200GAUI-n and 400GAUI-n. Slavick, Jeff Broadcom Limited SuggestedRemedy Comment Type T Comment Status D Slavick, Jeff Broadcom Limited SuggestedRemedy Roment Type T Comment Status D SuggestedRemedy Ad 50G, and 100GAUI-2 to 802.3bs 45.2.1.116d, 45.2.1.116e, 45.2.1.116f. May want to pull the sections in and add editors note to bring in in future draft in case 802.3bs changes the text. SuggestedRemedy Ad 50G, and 400G AUI-1 Bs has changed text in 45.2.1.124 that specifies the behavior of PRBS enables for 200 & 400G. Proposed Response Response Status W SuggestedRemedy Ad 50G, 100G PAM4 into the new text since the "all others" text is wrong for 802.3cd. May want to just add the sub-section for D1.1 with an editors note to copy the text for 802.3bs into D1.2 since I believe it maybe changing for 802.3bs D2.2. Response Status W <		
SuggestedRemedy per comment. Comment Status D Duck Proposed Response Response Status W MDIO for C2C and C2M AUI controls I hink are using the 200/400G versions. Current 802.3bs lists the register names and 200GAUI-n and 400GAUI-n. Cl 045 SC 45 P 42 L 0 # 152 Slavick, Jeff Broadcom Limited MDIO for C2C and C2M AUI controls I hink are using the 200/400G versions. Current 802.3bs lists the register names and 200GAUI-n and 400GAUI-n. Comment Type T Comment Status D # 152 Slavick, Jeff Broadcom Limited Proposed Response Response Status W SuggestedRemedy Add 50G, 100G PAM4 into the new text since the "all others" text is wrong for 802.3cd. May want to just add the sub-section for D1.1 with an editors note to copy the text for 802.3bs into D1.2 since I believe it maybe changing for 802.3bs D2.2. Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. PROPOSED ACCEPT IN PRINCIPLE. Implement suggested remedy using editorial licence		
PROPOSED ACCEPT. Cl 045 SC 45 P 42 L 0 # 152 Slavick, Jeff Broadcom Limited Comment Type T Comment Status D bucket BS has changed text in 45.2.1.124 that specifies the behavior of PRBS enables for 200 & 400G. W PROPOSED ACCEPT IN PRINCIPLE. SuggestedRemedy Add 50G, 100G PAM4 into the new text since the "all others" text is wrong for 802.3cd. May want to just add the sub-section for D1.1 with an editors note to copy the text for 802.3bs into D1.2 since I believe it maybe changing for 802.3cb. D2.2. Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. PROPOSED ACCEPT IN PRINCIPLE.	SuggestedRemedy	MDIO for C2C and C2M AUI controls I think are using the 200/400G versions. Current
Col 043 SC 43 F42 L0 # 152 Slavick, Jeff Broadcom Limited Proposed Response Response Status W Comment Type T Comment Status D bucket Bs has changed text in 45.2.1.124 that specifies the behavior of PRBS enables for 200 & 400G. PROPOSED ACCEPT IN PRINCIPLE. Implement suggested remedy using editorial licence SuggestedRemedy Add 50G, 100G PAM4 into the new text since the "all others" text is wrong for 802.3cd. May want to just add the sub-section for D1.1 with an editors note to copy the text for 802.3bs into D1.2 since I believe it maybe changing for 802.3bs D2.2. Proposed Response Response Status W Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. W		Add 50G and 100GAUI-2 to 802.3bs 45.2.1.116d, 45.2.1.116e, 45.2.1.116f. May want to pull the sections in and add editors note to bring in in future draft in case 802.3bs changes
Comment Type I Comment Status D bucket BS has changed text in 45.2.1.124 that specifies the behavior of PRBS enables for 200 & 400G. Implement suggested remedy using editorial licence SuggestedRemedy Add 50G, 100G PAM4 into the new text since the "all others" text is wrong for 802.3cd. Implement suggested remedy using editorial licence May want to just add the sub-section for D1.1 with an editors note to copy the text for 802.3bs into D1.2 since I believe it maybe changing for 802.3bs D2.2. Proposed Response Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. PROPOSED ACCEPT IN PRINCIPLE.		Proposed Response Response Status W
Add 50G, 100G PAM4 into the new text since the "all others" text is wrong for 802.3cd. May want to just add the sub-section for D1.1 with an editors note to copy the text for 802.3bs into D1.2 since I believe it maybe changing for 802.3bs D2.2. Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE.	BS has changed text in 45.2.1.124 that specifies the behavior of PRBS enables for 200 &	t
PROPOSED ACCEPT IN PRINCIPLE.	Add 50G, 100G PAM4 into the new text since the "all others" text is wrong for 802.3cd. May want to just add the sub-section for D1.1 with an editors note to copy the text for	
Implement suggested remedy using editorial licence	Proposed Response Response Status W	
	Implement suggested remedy using editorial licence	

C/ 045 SC 45

C/ 045 SC 45.2.1.4.6a P 43 L 47 # 3 Marris, Arthur Cadence Design Syste Image: Cadence Design Syste Image: Cadence Design Syste Image: Cadence Design Syste	Cl 045 SC 45.2.1.14b P 50 L 27 # 25 Ran, Adee Intel
Comment Type E Comment Status D Bucket Change: Insert 45.2.1.4.6a after 45.2.1.6 as follows: To: Insert 45.2.1.4.6a after 45.2.1.4.6 as follows: SuggestedRemedy Change: Change: Change:	Comment Type T Comment Status D Bucket The description for "0" incorrectly states 400G PMDs, in 5 cases SuggestedRemedy Example 400G to 50G in last 5 rows Example 400G to 50G in last 5 rows Proposed Response Response Status W PROPOSED ACCEPT. Example 400G to 50G in last 5 rows
Insert 45.2.1.4.6a after 45.2.1.6 as follows: To: Insert 45.2.1.4.6a after 45.2.1.4.6 as follows:	C/ 045 SC 45.2.3.4.5a P 53 L 39 # 181
Also add space in 45.2.1.14b150G on line 12 of page 50 Change 45.2.1.14da.2 to 45.2.1.14b1.2 on line 48 page 50 Proposed Response Response Status W PROPOSED ACCEPT.	Comment Type T Comment Status D bucket Bit address is incorrect. SuggestedRemedy Change 3.4.10 to 3.4.5, twice. D D D
C/ 045 SC 45.2.1.10 P 49 L 30 # 7 Marris, Arthur Cadence Design Syste Cadence Design Syste # 7	Proposed Response Response Status W PROPOSED ACCEPT.
Comment TypeTComment StatusDBucketBit 1.11.14 is unavailable for 50G extended abilities	C/ 045 SC 45.2.3.13 P 55 L 40 # 26 Ran, Adee Intel Intel
SuggestedRemedy With editorial licence do the following: Create new register "PMA/PMD extended ability 2" at location 1.25 Define bit 0 of this register to be "50G extended abilities" Add new subclause 45.2.1.14f1 and Table 45-17f1 to describe this and also include in Table 45-3. Proposed Response Response Status W PROPOSED ACCEPT.	Comment Type E Comment Status D Bucket "10GBASE-T" was changed to "MultiGBASE-T" in 802.3bq. Also applies in subsequent clauses. SuggestedRemedy Change "10GBASE-T" to "MultiGBASE-T" in the following - titles of 45.2.3.13, 45.2.3.13.1, 45.2.3.13.4, 45.2.3.13.5, and 45.2.3.14. - titles of 45.2.3.14.1 and 45.2.3.14.2 (two times each), 45.2.3.14.3, and 45.2.3.14.4
CI 045 SC 45.2.1.14b P 50 L 12 # 24 Ran, Adee Intel	Proposed Response Response Status W PROPOSED ACCEPT.
Comment Type E Comment Status D Bucket No white space between number and title	
SuggestedRemedy Add some spacing Proposed Response Response Status W PROPOSED ACCEPT.	
TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/v	

COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed Z/withdrawn SORT ORDER: Clause, Subclause, page, line

2016-11-03 6:56:39 PM

C/ 069	SC 69.2.3	P 62	L 39	# 27	C/ 069 SC 69.	.2.3	P 62	L 45	# 4	
Ran, Adee		Intel			Marris, Arthur		Cadence Desig	n Syste		
Comment T	<i>уре</i> Е	Comment Status D		bucket	Comment Type E	Ξ	Comment Status D			bucket
would b	e "change 69.2	n the editorial instruction is a .3 as follows (some unchang					R to 100GBASE-KR-2 R to 200GBASE-KR-4			
precedi	ng paragraph to	clarify the location.			SuggestedRemedy					
Alterna	tively, place it a	t the end of the list, since or	der is not siginfica	ant.	5		R to 100GBASE-KR-2			
Suggested	Remedy				Change 200GBA	ASE-KF	R to 200GBASE-KR-4			
		to "Insert the following new IEEE Std 802.3cb-201x):"	paragraph after t	he last paragraph in	also on line 49 m	nake C	lause 119 a link			
Proposed F	Response	Response Status W			Change 802.3by	/-201x t	to 802.3by-2016 on next page			
PROPO	, DSED REJECT.	,			Proposed Response)	Response Status W			
					PROPOSED AC	CEPT	IN PRINCIPLE.			
I he loc	ation is importa	nt and the instruction is suffi	ciently clear.		On: page/line 62	2/45				
C/ 069	SC 69.2.3	P 62	L 42	# 28	Change: "100GE		(R"			
Ran, Adee		Intel			To: "100GBASE	-KR2"				
Comment T	<i>уре</i> т	Comment Status D		bucket	On page/line 62/	/47 and	208/1			
	ase document, M4 modulation.	KR4 and KP4 include the m	odulation type. T	he newly added types	Change: "200GE To: "200GBASE	BASE-k				
Consist	ency is preferat	ble and in this clause the mo	dulation type is r	not obvious if not stated.	C/ 069 SC 69.	.2.3	P 62	L 45	# 29	
Suggested	Remedv				Ran, Adee		Intel			
		ation" to "50 Gb/s operation o w 100GBASE-KR2 and 2000		M" for 50GBASE-KR,	Comment Type 1 100GBASE-KR i	-	<i>Comment Status</i> D lefined in this project.			bucket
Proposed F	Response	Response Status W			SuggestedRemedy					
PROPO	OSED ACCEPT				Change to 100G	BASE-	KR2.			
					Proposed Response PROPOSED AC		Response Status W			

CI 069 SC 69.2.3

	P 66	L 11	# 5	C/ 073 SC 73.6.4	P 67	L 10	# 31
Marris, Arthur	Cadence Desi	ign Syste		Ran, Adee	Intel		
Comment Type E Change 136.8.6 to 136 Change 137.8.5 to 137			Bucket	Comment Type E The phrase "as the MDI ar removal should have been There is no need to re-inse	maintained in 802.3cb a		
SuggestedRemedy Change 136.8.6 to 130 Change 137.8.5 to 133				SuggestedRemedy Delete the quoted phrase.			
Proposed Response PROPOSED ACCEPT	Response Status W			Proposed Response F PROPOSED ACCEPT.	Response Status W		
C/ 073 SC 73.6.4 Ran, Adee	P 67 Intel	L 1	# 30	C/ 073 SC 73.7.1 Ran, Adee	P 67 Intel	L 26	# 32
by 802.3by and is not SuggestedRemedy	ne fourth paragraph. Change th		`	The deleted text should als SuggestedRemedy Insert "25GBASE-KR, 25G KR", in strikeout font.	GBASE-KR-S, 25GBASE-		
				Dranaad Daananaa F	Jaananaa Ctatua M		
Proposed Response PROPOSED ACCEPT	Response Status W			Proposed Response F PROPOSED ACCEPT.	Response Status W		
Proposed Response PROPOSED ACCEPT	•				P 69 Broadcom Lir	<i>L</i> 26 mited	# [<u>141</u>
Proposed Response PROPOSED ACCEPT Implement suggested C/ 073 SC 73.6.4	T IN PRINCIPLE.	<i>L</i> 9	# 9	PROPOSED ACCEPT. <i>Cl</i> 073 SC 73.10.2 Slavick, Jeff	P 69 Broadcom Lir Comment Status D	mited	# [<u>141</u> Bucke
Proposed Response PROPOSED ACCEPT Implement suggested Cl 073 SC 73.6.4 Lusted, Kent Comment Type TR Typo	T IN PRINCIPLE. remedy with editorial licence P 67	L 9	# [9 Bucket	PROPOSED ACCEPT. Cl 073 SC 73.10.2 Slavick, Jeff Comment Type T	P 69 Broadcom Lir Comment Status D the new link_fail_inhibit_ti BASE-CR2 and 200GBAS	mited mer list	Bucke
Proposed Response PROPOSED ACCEPT Implement suggested Cl 073 SC 73.6.4 Lusted, Kent Comment Type TR Typo SuggestedRemedy	T IN PRINCIPLE. remedy with editorial licence P 67 Intel	-	Bucket	PROPOSED ACCEPT. <i>Cl</i> 073 SC 73.10.2 Slavick, Jeff <i>Comment Type</i> T Missing the CR PHYs for t <i>SuggestedRemedy</i> Add 50GBASE-CR, 100GE with a min duration of 1.6s	P 69 Broadcom Lir Comment Status D the new link_fail_inhibit_ti BASE-CR2 and 200GBAS	mited mer list	Bucke

C/ 073 SC 73.10.2

C/ 073 SC 73.10.2 Slavick, Jeff	P 69 Broadcom Lin	L 30	# 142	C/ 082 SC 82 Ran. Adee	2.7.4	P 82 Intel	L 24	# 37
Comment Type T	Comment Status D om the 500ms link_fail_inh		Bucket	Comment Type Does the chang	ge in PICS	Comment Status D heading numbers result f		
SuggestedRemedy Add 10GBASE-KR to the	e list of PHYs that use 500n	ns link_fail_inhibi	t_timer			e, and clarify what should is out of scope and shou		
Proposed Response PROPOSED ACCEPT.	Response Status W			SuggestedRemedy per comment.				
C/ 080 SC 80.1.4 Ran, Adee	P 74 Intel	L 16	# 35	Proposed Respons PROPOSED A		Response Status W PRINCIPLE.		
Comment Type T We should make the spe cases and there is no ne	Comment Status D ecified frequency for loss co ed for higher resolution.	onsistent. 13.28 G	<i>bucket</i> GHz is used in many		levels the	vels were in error in 802.3 new AN PICS would be s		
SuggestedRemedy Change "13.28125" to "1	3.28" across the draft.			C/ 091 SC 9		P 85	L 50	# 143
Proposed Response PROPOSED ACCEPT.	Response Status W				-	Broadcom Li Comment Status D rrong MDIO register bit fo		Bucke
C/ 080 SC 80.2.1 Ran, Adee	P 76 Intel	L 34	# 36	SuggestedRemedy Change 1.200.			i the new i oui ia	
Comment Type E Missing comma after "Cl	Comment Status D ause 83"		bucket	Proposed Respons PROPOSED A	e l	Response Status W		
SuggestedRemedy Insert a comma				C/ 091 SC 9 Slavick, Jeff	1.6.2a	P 85 Broadcom Li	L 9 mited	# 146
Proposed Response PROPOSED ACCEPT.	Response Status W			Comment Type		Comment Status D ears to be in different font		Bucke
				SuggestedRemedy Fix the font use		2a		
				Proposed Respons	e l	Response Status W		

C/ 091 SC 91.6.2a

C/ 091 SC 91.6.2a	P 85	L 9	# 145	C/ 116 SC	C 116.1.4	P 87	L 44	# 38
Slavick, Jeff	Broadcom Li	mited		Ran, Adee		Intel		
Comment Type T	Comment Status D		Bucket	Comment Type	Е	Comment Status D		buck
There is a shall for the I'm not sure we need a	setting four_lane_pmd wher shall statement.	n a PAM4 link, bu	It not for legacy links.	We should a in this parag		02.3bs D2.1 changes, chan	ging "nomenclatu	re" to "PHY type" twice
SuggestedRemedy				SuggestedRem	edy			
	shall be set to zero for the 1			Change per	802.3bs D	2.1.		
100GBASE-SR2, and 45.2.1.101 (1.200.2)."	100GBASE-DR PMDs. This	variable is mapp	ed to the bit defined in	Proposed Resp	onse	Response Status W		
To "This variable is set	t to zero for the 100GBASE-			PROPOSEI	D ACCEPT			
SR2, and 100GBASE- (1.200.2)."	DR PMDs. This variable is m	happed to the bit	defined in 45.2.1.101	C/ 131 SC	C 131.1.2	P 91	L 16	# 128
Ìf shall is necessary "T	his variable shall be set to ze			Ghiasi, Ali	5 131.1.2	ے ج Ghiasi Quar		# 120
	, and 100GBASE-DR PMDs.			,	ED	Comment Status D		buck
	1.200.2) and shall be set app	propriately for the	e PHY type."	Comment Type Missing "Th				DUCK
Proposed Response	Response Status W			-				
PROPOSED ACCEPT	IN PRINCIPLE.			SuggestedRem Add "The" 5	-			
Remove the shall as p	roposed in the suggested rei	medy.			•	_		
				Proposed Resp	onse	Response Status W		
2 091 SC 91.6.2a	P 85	/ 11	# 144					
	P 85 Broadcom Li	L 11 mited	# 144	PROPOSEI				
ilavick, Jeff	Broadcom Li			PROPOSEI There is no	D REJECT.	he grammar as written. Thi	s wording is cons	istent with 802.3bs
Slavick, Jeff Comment Type T	Broadcom Li Comment Status D	mited	# 144 Bucket	PROPOSEI There is no	D REJECT.		s wording is cons	istent with 802.3bs
Slavick, Jeff Comment Type T Points to the wrong ME	Broadcom Li	mited		PROPOSEI There is no 116.1.2, 802	D REJECT.	he grammar as written. Thi	s wording is cons	istent with 802.3bs # 129
Slavick, Jeff Comment Type T Points to the wrong ME SuggestedRemedy	Broadcom Li <i>Comment Status</i> D DIO register bit for the new F	mited		PROPOSEI There is no 116.1.2, 802	D REJECT. issue with t 2.3by 105.1	he grammar as written. Thi .2, and 802.3-2015 80.1.3.	L 18	
Slavick, Jeff Comment Type T Points to the wrong ME SuggestedRemedy Change 1.200.2 to 1.20	Broadcom Li <i>Comment Status</i> D DIO register bit for the new F 00.3	mited		PROPOSEI There is no 116.1.2, 802 C/ 131 SC	D REJECT. issue with t 2.3by 105.1 C 131.1.2	he grammar as written. Thi .2, and 802.3-2015 80.1.3. P 92	L 18	
Slavick, Jeff Comment Type T Points to the wrong ME SuggestedRemedy Change 1.200.2 to 1.20 Proposed Response	Broadcom Li <i>Comment Status</i> D DIO register bit for the new F 00.3 <i>Response Status</i> W	mited		PROPOSEI There is no 116.1.2, 802 C/ 131 SC Ghiasi, Ali Comment Type	D REJECT. issue with t 2.3by 105.1 C 131.1.2 TR	he grammar as written. Thi .2, and 802.3-2015 80.1.3. <i>P</i> 92 Ghiasi Quar	L 18	# 129
Slavick, Jeff Comment Type T Points to the wrong ME SuggestedRemedy Change 1.200.2 to 1.20	Broadcom Li <i>Comment Status</i> D DIO register bit for the new F 00.3 <i>Response Status</i> W	mited		PROPOSEI There is no 116.1.2, 802 C/ 131 SC Ghiasi, Ali Comment Type	D REJECT. issue with t 2.3by 105.1 C 131.1.2 TR erence to Cl	he grammar as written. Thi .2, and 802.3-2015 80.1.3. P 92 Ghiasi Quar <i>Comment Status</i> D	L 18	# 129
Slavick, Jeff Comment Type T Points to the wrong ME SuggestedRemedy Change 1.200.2 to 1.20 Proposed Response PROPOSED ACCEPT C/ 091 SC 91.6.2a	Broadcom Li Comment Status D DIO register bit for the new F 00.3 Response Status W P 86	ur lane PMD.		PROPOSEI There is no 116.1.2, 802 C/ 131 SC Ghiasi, Ali Comment Type Missing refe	D REJECT. issue with t 2.3by 105.1 C 131.1.2 TR erence to Cl edy	he grammar as written. Thi .2, and 802.3-2015 80.1.3. <i>P</i> 92 Ghiasi Quar <i>Comment Status</i> D L 135 A optional AUI	L 18	# 129
Slavick, Jeff Comment Type T Points to the wrong ME SuggestedRemedy Change 1.200.2 to 1.20 Proposed Response PROPOSED ACCEPT	Broadcom Li Comment Status D DIO register bit for the new F 00.3 Response Status W	ur lane PMD.	Bucket	PROPOSEI There is no 116.1.2, 802 Cl 131 SC Ghiasi, Ali Comment Type Missing refe SuggestedRem	D REJECT. issue with t 2.3by 105.1 C 131.1.2 TR erence to CL edy ince to CL 13	he grammar as written. Thi .2, and 802.3-2015 80.1.3. <i>P</i> 92 Ghiasi Quar <i>Comment Status</i> D L 135 A optional AUI	L 18	# 129
Slavick, Jeff Comment Type T Points to the wrong ME SuggestedRemedy Change 1.200.2 to 1.20 Proposed Response PROPOSED ACCEPT C/ 091 SC 91.6.2a	Broadcom Li <i>Comment Status</i> D DIO register bit for the new F 00.3 <i>Response Status</i> W <i>P</i> 86 Cadence Des <i>Comment Status</i> D	ur lane PMD.	Bucket	PROPOSEI There is no 116.1.2, 802 Cl 131 SC Ghiasi, Ali Comment Type Missing refe SuggestedRemu Add referen Proposed Resp PROPOSEI	D REJECT. issue with t 2.3by 105.1 C 131.1.2 TR erence to Cl edy ace to CL 13 onse D REJECT.	the grammar as written. Thi .2, and 802.3-2015 80.1.3. P 92 Ghiasi Quar <i>Comment Status</i> D L 135 A optional AUI S5A <i>Response Status</i> W	L 18 ntum LLC	# 129 buck
lavick, Jeff comment Type T Points to the wrong ME buggestedRemedy Change 1.200.2 to 1.20 proposed Response PROPOSED ACCEPT PROPOSED ACCEPT C 091 SC 91.6.2a larris, Arthur comment Type E	Broadcom Li <i>Comment Status</i> D DIO register bit for the new F 00.3 <i>Response Status</i> W <i>P</i> 86 Cadence Des <i>Comment Status</i> D	ur lane PMD.	Bucket	PROPOSEI There is no 116.1.2, 802 Cl 131 SC Ghiasi, Ali Comment Type Missing refe SuggestedReme Add referen Proposed Resp PROPOSEI Consistent	D REJECT. issue with t 2.3by 105.1 C 131.1.2 TR erence to CL edy ince to CL 13 onse D REJECT. with other B ons and MM	the grammar as written. Thi .2, and 802.3-2015 80.1.3. P 92 Ghiasi Quar <i>Comment Status</i> D L 135 A optional AUI 85A <i>Response Status</i> W	L 18 ntum LLC	# <u>129</u> buck

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 Z/withdrawn SORT ORDER: Clause, Subclause, page, line

C/ 131 SC 131.1.2 Page 8 of 16 2016-11-03 6:56:39 PM

C/ 131 SC 131.1.	.3 P 92	L 39	# 70		C/ 131 SC 131.2.1	P 94	<i>L</i> 1	# 72
Hidaka, Yasuo	Fujitsu Lab o	f America			Hidaka, Yasuo	Fujitsu Lab of	America	
Comment Type E In Table 131-1, 50G	Comment Status D BBASE-SR is written as 50GBAS	SES-SR.		bucket	Comment Type E A grammer error.	Comment Status D		bucket
SuggestedRemedy Change 50GBASES	S-SR to 50GBASE-SR.				SuggestedRemedy Change "it are used"	to "it is used".		
Proposed Response PROPOSED ACCE	Response Status W				Proposed Response PROPOSED ACCEP	Response Status W		
C/ 131 SC 131.1. Nicholl, Gary	.4 P 93 Cisco System	L 1 ns	# 97		C/ 132 SC 132.1.4 Ran, Adee	P 103 Intel	L 39	# 40
	Comment Status D tle for Clause 134 is "50GBASE E-R FEC at 100G. Same comm			bucket	Comment Type E We have specific defi SuggestedRemedy	Comment Status D nitions for this project, in 131.4	1	Bucket
	better to use "RS-FEC" rather t we did for 100G and with the t				Change "80.4" to "13 [.] Proposed Response	I.4", active cross reference. Response Status W		
Proposed Response	Response Status W				PROPOSED ACCEP	Т.		
PROPOSED ACCE	PT IN PRINCIPLE.				C/ 132 SC 132.1.7	P 104	L 31	# 41
To align with the title	e of Clause 134…				Ran, Adee	Intel		
Ū	ble 131-3, Table 131-4, and Tabl -R FEC"	le 69-2b:			Comment Type E Annex 4a is included SuggestedRemedy	Comment Status D in this amendment.		Bucket
C/ 131 SC 131.2	P 93	L 42	# 130		Make it an active cros	s reference.		
Ghiasi, Ali	Ghiasi Quant	tum LLC			Proposed Response	Response Status W		
Comment Type ER Missing couple of "	Comment Status D			bucket	PROPOSED ACCEP	Т.		
SuggestedRemedy								
Proposed Response PROPOSED REJE	Response Status W							
Grammar is correct	as written.							

C/ 132 SC 132.1.7

C/ 132 SC 132.2 Ghiasi, Ali	P 96 Ghiasi Quantu	<i>L</i> 34 Im LLC	# 131		C/ 133 Nicholl, Ga	SC 133.2.4	P 111 Cisco Systems	L 16	# 98
Comment Type ER Missing more "the" before	Comment Status D e 50xx			bucket	Comment T Unnec		Comment Status D after "defined in 82.2.19"		bucket
SuggestedRemedy Add "the"					Suggested Remov	2	Ifter "defined in 82.2.19"		
Proposed Response PROPOSED REJECT.	Response Status W				Proposed I PROP	Response DSED ACCEPT	Response Status W		
There is no need for an e	extra "the" at the location in	dicated by the co	ommenter.		C/ 133	SC 133.5	P 112	L 1	# 99
C/ 132 SC 132.4	P 104	L 45	# 42		Nicholl, Ga	,	Cisco Systems		
Ran, Adee	Intel				Comment		Comment Status D		bucket
Comment Type E Align with 802.3bs D2.1 c	Comment Status D changes in 117.4.			bucket	Update Suggested	•	ed with editorial licence		
Proposed Response PROPOSED ACCEPT.	Response Status W				C/ 134	SC 134.1.1	P 117	L 12	# 44
C/ 133 SC 133.1.2	P 1 07	L 26	# 43		Ran, Adee		Intel		
Ran, Adee	Intel				Comment		Comment Status D otion. a major one		bucket
Comment Type T	Comment Status D			bucket	Suggested				
There is another exception (also in the similar list in the simila					Add an	-	inning (or after the first item): "T	he service in	terface has 4 lanes
SuggestedRemedy					Proposed I	Response	Response Status W		
(add a period at the end of	of item 3)				PROP	DSED ACCEPT			
	rate at the FEC or PMA se .3125 Gb/s per PCS lane.	rvice interface is	12.890625 Gb/s	s per					
Proposed Response	Response Status W								
PROPOSED ACCEPT IN	I PRINCIPLE.								
Implement suggested rer	nedy except put at the top	of the list.							

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C/ 134 SC 134.1.1

Cl 134 So Ran, Adee	C 134.1.1	<i>P</i> 117 Intel	L 14	# 45		Cl 134 SC 134.5.2.6 Ghiasi, Ali	P 121 Ghiasi Quant	<i>L</i> 15 tum LLC	# 114
<i>Comment Type</i> Multiple ins		Comment Status D e numbers "2" and "4" appea	ar in the text.		bucket	Comment Type TR item 3 is BIP3 field, is t	Comment Status D here a reason we are chang	jing it?	bucke
Per style m	anual, "In ge	eneral text, isolated numbers	s less than 10 sho	ould be spelled	out".	SuggestedRemedy this should be amp_tx_	_x<33:26>=am_tx_x<33:26>		
(In these ca	ases it would	also be easier to read)				Proposed Response	Response Status W		
SuggestedRem	,					PROPOSED REJECT.			
	y are adjacer	' and "4" (isolated) in the tex nt to higher numbers or in e				Item 3 copies the BIP3 consistent with Clause	field unchanged from am_tx 91.	x_x<65:0> to amp	p_tx_x<63:0>
Proposed Resp PROPOSE	oonse D ACCEPT.	Response Status W				Note that the bit positio sync header bits.	n index for BIP3 field has ch	nanged by 2, due	to the removal of the
C/ 134 So Ran, Adee	C 134.1.1	P 117 Intel	L 17	# 46		Cl 134 SC 134.5.2.6 Ghiasi, Ali	P 121 Ghiasi Quant	<i>L</i> 16 tum LLC	# 115
	F	Comment Status D			bucket	Comment Type TR	Comment Status D		bucke
Comment Type Improve sty					buohot	Why are we changing b	bit position for M4, M5, and M	M6 from CL82	
Improve sty SuggestedRem	yle nedy	e fact that", twice in this para	agraph		buonor	Why are we changing b SuggestedRemedy Shouldn't be amp_tx_x		M6 from CL82	
Improve sty SuggestedRem Change "th Proposed Resp	yle hedy hat" to "for the		agraph		buoket	SuggestedRemedy		M6 from CL82	
Improve sty SuggestedRem Change "th Proposed Resp PROPOSE C/ 134 St	yle nedy nat" to "for the ponse	e fact that", twice in this para	agraph	# 47		SuggestedRemedy Shouldn't be amp_tx_x Proposed Response PROPOSED REJECT. M4, M5 and M6 are cor	<57,34>? <i>Response Status</i> W rrectly mapped from am_tx_	_x<65:0> to amp_	
Improve sty SuggestedRem Change "th Proposed Resp PROPOSE CI 134 St Ran, Adee Comment Type	yle hedy hat" to "for the bonse D ACCEPT. C 134.1.2 E E	e fact that", twice in this para Response Status W P 117 Intel Comment Status D		# 47	bucket	SuggestedRemedy Shouldn't be amp_tx_x Proposed Response PROPOSED REJECT. M4, M5 and M6 are cor	<57,34>? Response Status W	_x<65:0> to amp_	
Improve sty SuggestedRem Change "th Proposed Resp PROPOSE Cl 134 St Ran, Adee Comment Type Missing spa SuggestedRem	yle hedy hat" to "for the bonse C ACCEPT. C 134.1.2 E E ace after "Fig	e fact that", twice in this para Response Status W P 117 Intel Comment Status D		# 47		SuggestedRemedy Shouldn't be amp_tx_x Proposed Response PROPOSED REJECT. M4, M5 and M6 are con Note that the bit positio	<57,34>? <i>Response Status</i> W rrectly mapped from am_tx_ n index for M4,M5 and M6 h	_x<65:0> to amp_	
Improve sty SuggestedRem Change "th Proposed Resp PROPOSE Cl 134 St Ran, Adee Comment Type Missing spa SuggestedRem Add space Proposed Resp	yle hedy hat" to "for the bonse ID ACCEPT. C 134.1.2 C 134.1.2 E E acc after "Fig hedy	e fact that", twice in this para Response Status W P 117 Intel Comment Status D		# 47		SuggestedRemedy Shouldn't be amp_tx_x Proposed Response PROPOSED REJECT. M4, M5 and M6 are con Note that the bit positio the sync header bits. C/ 134 SC 134.5.2.6 Ran, Adee Comment Type E	<57,34>? <i>Response Status</i> W rrectly mapped from am_tx_ on index for M4,M5 and M6 h <i>P</i> 121	_x<65:0> to amp_ nas changed by 2 	e, due to the removal of # <u>48</u> <i>bucke</i>
SuggestedRem Change "th Proposed Resp PROPOSE Cl 134 So Ran, Adee Comment Type Missing spa SuggestedRem Add space Proposed Resp	yle hedy hat" to "for the bonse C ACCEPT. C 134.1.2 E E ace after "Fig hedy bonse	e fact that", twice in this para Response Status W P 117 Intel Comment Status D gure 134-1"		# 47		SuggestedRemedy Shouldn't be amp_tx_x Proposed Response PROPOSED REJECT. M4, M5 and M6 are con Note that the bit positio the sync header bits. C/ 134 SC 134.5.2.6 Ran, Adee Comment Type E Per style manual, multi	<57,34>? <i>Response Status</i> W rrectly mapped from am_tx_ in index for M4,M5 and M6 h <i>P</i> 121 Intel <i>Comment Status</i> D	_x<65:0> to amp_ nas changed by 2 	e, due to the removal of # <u>48</u> <i>bucke</i>

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 Z/withdrawn C/ 134 SORT ORDER: Clause, Subclause, page, line

SC 134.5.2.6

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C/ 134 SC 134.5.2.6 Ran, Adee	P 121 Intel	L 41	# 49	C/ 134 SC 134.5.3.6 P 124 L 30 # 53 Ran, Adee Intel Intel	2
Comment Type E Equation variables show	Comment Status D uld be set in italic font. This is	s usually done, t	<i>bucket</i> out is inconsistent.	Comment Type T Comment Status D The number of lanes is known, so it can be stated.	bucket
SuggestedRemedy Change "y", "i", "k" here	e to style "Equation Variables	5".		SuggestedRemedy Change "multiple" to "four".	
Go over clause 134 and 5, using clause 91 figur	d apply to all variables. Also, res as reference.	apply in Figure	134-4 and Figure 134-	Proposed Response Response Status W PROPOSED ACCEPT.	
Proposed Response PROPOSED ACCEPT.	Response Status W			Cl 134 SC 134.5.3.7 P 124 L 45 # 5 Ran, Adee Intel	3
C/ 134 SC 134.5.2.6 Ran, Adee	P 121 Intel	L 45	# 51	Comment Type E Comment Status D stray character "(" before "255"	bucket
Comment Type E Two values, 0 and 1	Comment Status D		bucket	SuggestedRemedy Delete it	
SuggestedRemedy change "value" to "valu	es"			Proposed Response Response Status W PROPOSED ACCEPT.	
Proposed Response PROPOSED ACCEPT	Response Status W IN PRINCIPLE.			C/ 134 SC 134.5.3.8 P 125 L 21 # 1 Nicholl, Gary Cisco Systems 1)0
Change "shall be set to the bina To	ary value 0 and 1 in an alterna	ating pattern"		Comment Type E Comment Status D Remove unnecessary period in front of "Receive"	bucket
"shall be set to 0 or 1 ir	an alternating pattern"			SuggestedRemedy	
C/ 134 SC 134.5.2.6 Ran, Adee	P 121 Intel	L 45	# 50	Remove period. Proposed Response Response Status W	
Comment Type T The pad bit is am_txma	Comment Status D apped<256>		bucket	PROPOSED ACCEPT.	
SuggestedRemedy Delete ":255"					
Proposed Response	Response Status W				

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PROPOSED ACCEPT.

C/ 134 SC 134.5.3.8

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	127 <i>L</i> 13 ovium	# 165	C/ 13 Ghias		6 P 129 Ghiasi Quantu	<i>L</i> 32 m LLC	# 116
Comment Type TR Comment Status Reference to Clause 134.1 seems incorrec		bi		ent Type TR _ser not defined	Comment Status D		bucke
SuggestedRemedy Reference sub-clause 134.5.3.7 rather tha	an 134.1		00	s <i>tedRemedy</i> efin the variable, "T	he hi_ser variable is define"		
Proposed Response Response Status PROPOSED ACCEPT IN PRINCIPLE.	s W		,	sed Response ROPOSED REJEC	Response Status W		
The correct subclause reference is 134.5.2	2.6.		hi	_ser is defined in 1	34.6.5 on page 129 and starting	on line 33.	
	127 <i>L</i> 21 ovium	# <u>166</u>	W R 9'	hen FEC_bypass_ S-FEC symbol erro	ned when the FEC_bypass_india indication_enable is set to one, rs in a window of 8192 codewor o zero otherwise. This variable is	this bit is set to ds exceeds the	o one if the number of e threshold (see
I believe variable amps_lock should be an	_		C/ 13	4 SC 134.7 I, Gary	P 131 Cisco Systems	L1	# 101
SuggestedRemedy Change amps_lock to amps_lock <x> Proposed Response Response Status PROPOSED ACCEPT.</x>	s W		U	ent Type T odate PICS as requ stedRemedy	Comment Status D uired with editorial licence		bucke
Cl 134 SC 134.5.4.2.1 P Ran, Adee Intel Comment Type T Comment Status		# 54	•	sed Response ROPOSED ACCEF	Response Status W		
amps_lock is per lane. In clause 91 it has SuggestedRemedy	g. C/ 13	5 SC 135.1.1 I, Gary	P 135 Cisco Systems	L 11	# 102		
Change to "amps_lock <x>" Proposed Response Response Status</x>		ent Type T correct reference to	Comment Status D Clause 135.		bucke		
PROPOSED ACCEPT.		stedRemedy elieve the reference	e should be to Clause 133, i.e.	the 50GBASE-	R PCS clause.		
See also comment 166.			•	sed Response ROPOSED ACCEF	Response Status W		
				e comment #169.			

C/ 135 SC 135.1.1

<i>Cl</i> 135 <i>SC</i> 135.1.1 Shrikhande, Kapil	P 135 Innovium	L 11	# 169	Cl 135 Nicholl, Ga	SC 135.1.4	P 137 Cisco Systen	L 28 15	# 106
	Comment Status D Clause 135 from within Clause	135.	bucket		135-2. The PM	Comment Status D A (4-2) below the 50G FEC sl C should be PMA (4-4).	hould be PMA (2	bucket 2-2), and the PMA (20-
SuggestedRemedy Change reference from PCS Clause	Clause 135 to Clause 133 if t	ne intent was	to reference the 50GE		e the PMA (4-2) below the 50G FEC to PMA	(2-2), and the P	MA (20-4) below the
Proposed Response PROPOSED ACCEPT.	Response Status W			Proposed	FEC to PMA (4- <i>Response</i> OSED ACCEP1	Response Status W		
See comment #102.				See co	omment #6.			
C/ 135 SC 135.1.2 Nicholl, Gary	P 136 Cisco Systems	L 27	# 105	C/ 135 Hidaka, Ya	SC 135.5.2	Р 144 Fujitsu Lab o	L 18 f America	# 73
Comment Type E The AN ssublayer is m	Comment Status D		bucket	Comment	Туре Т	Comment Status D		bucket
SuggestedRemedy Add AN sublayer to Fig				convei		he sequence is reversed betw 3 and clause 120 were the sa		
Proposed Response PROPOSED ACCEPT.	Response Status W				-	e output sequence so that the the output.	order of the sec	quence becomes same
C/ 135 SC 135.1.4 Marris, Arthur	P 137 Cadence Desig	<i>L</i> 9 n Syste	# 6	Proposed PROP	Response	Response Status W		
Comment Type TR There are 2 FEC lanes	Comment Status D not 4 for 50G and 4-lanes for	100G	bucket					
SuggestedRemedy Change PMA (4:2) to: PMA (2:2)								
Change PMA (20:4) to: PMA (4:4)								
Proposed Response PROPOSED ACCEPT.	Response Status W							
See also comment #10	6.							

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 Z/withdrawn SORT ORDER: Clause, Subclause, page, line

C/ 135 SC 135.5.2 Page 14 of 16 2016-11-03 6:56:39 PM

Lusted, Kent	8.12.1.2	P 171 Intel	L 39	# 13	C/ 136 SC Mellitz, Richard	C 136.11.7	<i>P</i> 195 Samtec	L 18	# 60
Comment Type TR As a reader, it is a another section (i.	bit confusing to I			<i>bucket</i> encoding details in bes the cell encoding		ot appear to	Comment Status D be and equation reference to ld deduce the meaning. How		5
rules but the cell d There are two imm Option 1: move C Option 2: add a m SuggestedRemedy Implement Option "Control and statu Proposed Response PROPOSED ACC Change the title of status fields". Insert the following	letails are elsewh nediately obvious lauses 136.8.12.2 ew paragraph tha 2 by adding a ne s field structure is <i>Response</i> EPT IN PRINCIP 136.8.12.1.2 from g paragraph befor comprises 16 bits	ere. solutions: 2 and 136.8.12.3 at has references w paragraph: s defined in Claus <i>Status</i> W PLE. m "Control and si re the first paragr	to be subclause to Clauses 136.4 se 136.8.12.2 and tatus field encodi raph of 136.8.12. re defined in Clau	s of 136.8.12.1.2 8.12.2 and 136.8.12.3 d Clause 136.8.12.3." ing" to "Control and 1.2: use 136.8.12.2. The	SuggestedRem Add equatic Healey_02_ Proposed Resp PROPOSEI Resolve wit There is no 93A.1 (as a The COM p Modify Tabl 1. In row "C	edy on proposed _0115.pdf onse D ACCEPT I h comment \$ need to defi mended by 8 arameter tak e 136-15 as continuous tir ontinuous tir	for COM in mellitz_3bs_01_ <i>Response Status</i> W IN PRINCIPLE. 58. Ine new parameters, since a 802.3bs) albeit with other na bles should be aligned with 9	_0815_elect.pdf ppropriate parar mes. 93A.1. change symbol	or explicitly specified in meters are defined in "fzHP" to "fz2".
Change the title of	136.8.12.2 from	"Control field" to	"Control field str	ructure".	· · · ·	C 136A.2	P 334 Broadcom Ltd	L 22 d.	# 162
.		"Status field" to '	'Status field strue	cture".	Comment Type	т	Comment Status D		h
Change the title of	136.8.12.3 from				Comment Type				DUCKe
C/ 136 SC 136 . Lusted, Kent Comment Type TR	8.12.1.3 Commen g to have identifie	P 172 Intel <i>t Status</i> D r_i = 1 listed here	L 32 e when the first la	# 14 bucket ane is 0. Especially	Why is "the value propo requiremen SuggestedRem Remove the	sed in 137.9 t different for <i>edy</i> e exception.	ear fit pulse peak (min.) is 0.7 9.2 and it is unclear what the r copper cable applications.		
C/ 136 SC 136. Lusted, Kent Comment Type TR It is a bit confusing	B.12.1.3 Commen g to have identifie sentence referer	P 172 Intel t Status D tr_i = 1 listed here nees identifier 0.	e when the first la	bucket	Why is "the value propo requiremen SuggestedRem	sed in 137.9 t different for edy e exception. onse	ear fit pulse peak (min.) is 0.7 0.2 and it is unclear what the		s an exception. This the
Cl 136 SC 136 . Lusted, Kent Comment Type TR It is a bit confusing since the previous SuggestedRemedy	B.12.1.3 Commen g to have identifie sentence referer g Figure 136-5 to Response	P 172 Intel t Status D er_i = 1 listed here nces identifier 0. represent identifi e Status W	e when the first la	bucket	Why is "the value propo requiremen SuggestedRem Remove the Proposed Resp	sed in 137.9 t different for edy e exception. onse	ear fit pulse peak (min.) is 0.7 9.2 and it is unclear what the r copper cable applications.		s an exception. This the

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 Z/withdrawn SORT ORDER: Clause, Subclause, page, line

C/ 136A SC 136A.2

C/ 137 SC 137.1 P 215 L 41 # 58	CI 137 SC 137.9.2 P 213 L 14 # 158				
Mellitz, Richard Samtec	Healey, Adam Broadcom Ltd.				
Comment Type TR Comment Status D bucket	Comment Type T Comment Status D bucket				
The does not appear to be and equation reference for FzHP or FpHP. It is closely related to eq. 93A-22. One could deduce the meaning. However we should be more explicit.	Items 1) and 2) are not exceptions. The vf (max.) and vf (min.) values are as stated in Table 120D-1.				
SuggestedRemedy	SuggestedRemedy				
Add equation proposed for COM in mellitz_3bs_01_0815_elect.pdf or explicitly specified in Healey_02_0115.pdf	Remove items 1 and 2 from the list of exceptions.				
Proposed Response Response Status W	Proposed Response Response Status W				
PROPOSED ACCEPT IN PRINCIPLE.	PROPOSED ACCEPT.				
Resolve with comment 60.	C/ 137 SC 137.9.2 P 213 L 19 # 159 Healey, Adam Broadcom Ltd. Image: Comparison of the second				
Modify Table 137-5 as follows:	Comment Type T Comment Status D buck				
1. In row "Continuous time filter, zero frequencies", change symbol "fzHP" to "fz2".	Exception 4 is stated incorrectly. In IEEE P802.3bs/D2.1, Annex 120D specifies J4 (max) and not J5 (max).				
2. In row "Continuous time filter, pole frequencies", remove symbol "fpHP" and corresponding value.	SuggestedRemedy Change the exception to state "the parameter J4 (max) is replaced by J3 (max) with value				
3. In row "Continuous time filter, DC gain 2", change symbol "gDC" to "gDC2".	TBD." If J4 is preferred to J3, remove the exception.				
See also comment 60.	Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE.				
C/ 137 SC 137.8.12 P 212 L 44 # 157 Healey, Adam Broadcom Ltd. Broadcom Ltd. # 157	802.3bs changed 120D to use J4 instead of J5 in D2.1. Specification method in Clause 136 refers to 120D definitions and uses J4. Clause 137 should be aligned.				
Comment Type E Comment Status D bucket "The PMD fault function." should be "The PMD control function.".	Remove the exception.				
	CI 137 SC 137.10 P 215 L 25 # 68				
SuggestedRemedy Correct the text as stated in the comment.	Mike Li Intel				
Proposed Response Response Status W	Comment Type E Comment Status D bucket Pre-cursor 2 should be C(-2), not C(-1)				
PROPOSED ACCEPT.	SuggestedRemedy Change it to C(-2)				