CI 30 SC	30.5.1.1.2	P 37	L 44	# R1-27	C/ 31B	SC 31B.4.6	P 255	L 50	# R1-12
Ran, Adee		Cisco Systen	ns, Inc.		Marris, Art	hur	Cadence Des	ign Systems, Inc	
Comment Type	T Com	ment Status A		labels	Comment	Туре Т	Comment Status A		(bucket)
Following the	e response to com	ment I-43:			Need t	o add PICS iten	n TIM17 for 800 Gbps		
	s to the entries for 2 400 Gb/s and 800		e not within the s	cope of this project,	Suggested Add ne	<i>Remedy</i> w PICS item at	end of 31B.4.6		
SR4, 400GB	ASE-SR4.2, 400G	BASE-SR8, 400GBA	SE-SR16, and 4			Measurement p _quanta MIIp: M	ooint for station at 800 Gb/s 3 Yes	1B.3.7 Delay at N	1DI ≤ 1810
		may affect existing	Implementations		Response		Response Status C		
SuggestedReme	•				ACCEI	PT.			
Delete the cr	nanges related to 2	OUGBASE PHYS.			C/ 90A	SC 90A.3	P 251	L 44	# R1-4
		to existing 400GBAS			Marris, Art	hur	Cadence Des	ign Systems, Inc	
changes to the ones instead		new 400GBASE PH	Ys to distinguish	them from existing	Comment		Comment Status A	g.: eyetette,e	(bucket)
Response		onse Status C					ext "Annex_" that should not b	e there	(******)
ACCEPT IN	•				Suggested	Remedv			
	-				00		00A.3" to "See 90A.3" on line	44.	
and D3.1 or	nt does not apply to the unsatisfied neg the recirculation be		anges between II n previous drafts	EEE P802.3df D3.0 . Hence it is not within	Response ACCEI	_	Response Status C		
				ide effects of changing	C/ 116	SC 116	Р	L	# R1-30
200G and 40	nat is not within the	an 400GBASE-DR4	at project. Theret	ore the entries for the verted to be consistent	Ran, Adee		Cisco System	ns, Inc.	
with the base			,		Comment	Гуре Т	Comment Status A		(bucket)
Delete the ar	mendments related	d to the 200GBASE I	MAUs.		The Pl	HY type 400GBA	ASE-DR4-2 introduced by this	amendment is n	ot listed in clause 116.
		to the 400GBASE-I BASE-SR16, and 40	'		116.1.2 116.1.3	2 item h 3: Table 116-2	require updates:		
Implement w	ith editorial license	9.				4: Table 116-5			
						ause 116 into th	ne amendment and add 400G ewhere if required.	BASE-DR4-2 in 1	he locations listed in
					Response		Response Status C		
					•	PT IN PRINCIPI			
					inadve	rtantly deleted f	aft 3.0 with the suggested and rom the FrameMaker book for as it was in D3.0.		ver, Clause 116 was
	TUS: D/dispatched			T/technical E/editorial ISE STATUS: O/open W		U/unsatisfied	C/ 11 Z/withdrawn SC 11	-	Page 1 of 12 11/14/2023 5:48

SORT ORDER: Clause, Subclause, page, line

C/ 124	SC 124.1.1	P105	L 9	# R1-31	C/ 124	SC 124.5.4	P110	L12	# R1-33			
Dawe, Pie	ers J G	NVIDIA			Dawe, Pie	ers J G	NVIDIA					
Comment	Type E	Comment Status A		FLR	Comment	Туре Т	Comment Status R		signal detect			
to ach unach Howev pdf pa	nieve an end, som nievable end. ver, clarifying this age 100, printed pa	ore work. At present, it says ething else has to be better may be out of scope. age 105			regard as Ok the ex is abo	Iless of its extinct when the intend tinction ratio pen ut signalling rate	sed signal detect is required t tion ratio, so a signal with -6.9 led minimum OMA at the rece alty for 3.5 dB). ("compliant 4 , scrambling and so on.) is based on -7.1 dB average	9-4.2+3 = -8.1 d eiver is -0.1-4 = 400GBASE-R o	B OMA must be shown -4.1 dBm. (4.2 dB is r 800GBASE-R signal"			
	error statistics are	not sufficiently random to mum interpacket gap *when t			Notice DR4 s	that "The PMD i	receiver is not required to ver ceived", so the receiver may r	ify whether a co	mpliant 400GBASE-			
		alue required to meet that fra			Suggestee							
Response		Response Status C			•••	-	and 800GBASE-DR8-2, SIG	NAL DETECT	should be OK when:			
		E. ph is difficult to parse as wri	top		Optica OMA	al power at TP3 > at TP3 >= -4.3 dB		_				
There	elefenced paragra	ph is difficult to parse as wit	lien.				R or 800GBASE-R signal inp	ut.				
		posed on slide 5 of the follow g/3/df/public/23_11/brown_3			Response REJE		Response Status C					
Impler	ment with editorial	l license.			This comment does not apply to the substantive changes between IEEE P802.3df D3.0 and D3.1 or the unsatisfied negative comments from previous drafts. Hence it is not within							
C/ 124	SC 124.5.4	P110	L11	# R1-32		ope of the recircu		n previous dratts	s. Hence it is not within			
Dawe, Pie	ers J G	NVIDIA			Tholo	ommont proposo	s an additional parameter (O	MA) for signal d	atact that is not			
Comment	Туре Т	Comment Status R		signal detect		onally specified for		WA) IOI SIGHAI U				
used f SD thr	for 400GBASE-DF resholds would be	could be defined better, cons R4-2 and 800GBASE-DR8-2 e lower than 0.2 dB below sp le the average power min is	lanes and 1000 ac-worst sensiti	GBASE-FR1.	There	is no consensus	to make the proposed chang	je.				
Suggested	dRemedy											
	at TP3 criterion f	and 800GBASE-DR8-2, cha rom "average receive power										
Response	•	Response Status C										
REJE	CT.											
		points to the value specified the "average receive power,										
There	is no consensus	to make the proposed chang	e.									

C/ 124 SC 124.5.4 Page 2 of 12 11/14/2023 5:48:00 PM

C/ 169 SC	169.1.2	P 177	L 41	# R1-1	C/ 169	SC	169.4	P184	L14	# R1-3
Brown, Matthew		Alphawave			Brown, Ma	atthew		Alphawave		
Comment Type	Е	Comment Status A		(bucket2)	Comment	Туре	Е	Comment Status A		(bucket2
SuggestedReme	edy	any 800GBASE PHY, not hange "800GBASE-R" to "		E-R PHY types.	descri	ption of ion for	[*] pause_q pause_qu	times the paragraph points to uanta points to a reference in antum in 1.4.459 which refers	31B.2, even the	
Response	F	Response Status C					•	for pause_quanta description	from 31B 2 to 1	4 459
ACCEPT IN	PRINCIPLE.	,			Response	•		Response Status C	1011 310.2 10 1	.4.400.
This commo	nt door not an	ply to the substantive char	agos botwoon II	EE D803 34f D3 0	ACCE			Response Status C		
		negative comments from								
the scope of	the recirculati	on ballot.			C/ 169	SC	169.5	P 185	L 34	# R1-44
However, the	ere was conse	nsus to make the propose	d change.		Dawe, Pie	ers J G		NVIDIA		
·	ne suggested i		0		Comment	Туре	т	Comment Status R		skew poil
opening para uggestedReme	times and pau agraph and ag	Comment Status A use_quanta are defined tw ain in the table footnotes.			equali Suggested Define	ser. <i>IRemec</i> e SP0 a	<i>ly</i> s the first	er 21 UI, very roughly four time exposed AUI interface (neare ew Variation 0.1 ns or about 5	est the PCS or F	PHY 800GXS).
		tains the values of maximum (h) for each instance of a s					3 accordi	0,7		
1.4.215) and	l pause_quant	a (as specified in 31B.2) fo	or 800 Gigabit E	thernet."	Response			Response Status C		
		contains the values of ma of the link) for each instand			REJE	CT.				
Response ACCEPT IN	F	Response Status C			and D	3.1 or t	he unsatis	t apply to the substantive cha sfied negative comments from ulation ballot.		
Implement th	ne suggested i	remedy with editorial licens	Se.		The c	urrent s	pecificatio	on is consistent with multiple g fied. A PMA is required to tole		
					There SP0. /	is not a Also, th	a clear be is would i	nefit to reducing the skew vari	iation requireme on the PCS/PM	ent at the proposed A above.
					There	is no c	onsensus	to make the proposed change	es.	

C/ 169 SC 169.5 Page 3 of 12 11/14/2023 5:48:00 PM

C/ 169 SC	C 169.5 P187	L 1	# R1-43	C/ 171 SC 171.1	P 196	L 35	# R1-45
Dawe, Piers J G	NVIDIA			Dawe, Piers J G	NVIDIA		
Comment Type	E Comment Status R		(bucket2)	Comment Type ER	Comment Status R		(bucket2)
Empty lines				Layout			
SuggestedReme	edy			SuggestedRemedy			
Removing the fit on this particular the fit on this particular terms of the second sec	he blank space at lines 1 and 25-26 age.	should let the 169.6	FEC Degrade section	Ū.	float and save a page.		
Response REJECT.	Response Status C			Response REJECT.	Response Status C		
	essary to retain an entire subclause	on a single page.			o save space in an electronic do		
	raft is prepared for publication, the p raft as required.	publication editors up	date the formatting of	When the draft is p the entire draft as re	epared for publication, the publi equired.	cation editors up	date the formatting of
There is no	consensus to make the proposed cl	nanges		There is no consen	sus to make the proposed chang	ge.	
	• •	0	# 04.40	C/ 171 SC 171.3	3 P195	L 36	# R1-14
C/ 169 SC	C 169.5 P187	L 33	# R1-42	Slavick, Jeff	Broadcom In	с	-
				Comment Type T	Comment Status A		(bucket)
Dawe, Piers J G				21			(
Comment Type I suspect the	T Comment Status A at the "N/A" here was copied from T			The PHY 800GXS i	s the same as the 800GMII that Follow the wording used in 172		(
Comment Type I suspect the there were 2	T Comment Status A at the "N/A" here was copied from T 26.5625 GBd (50G) AUIs but not 53.		s from a time when	The PHY 800GXS i	s the same as the 800GMII that		(
Comment Type I suspect tha there were 2 missing nun SuggestedReme	T Comment Status A at the "N/A" here was copied from T 26.5625 GBd (50G) AUIs but not 53. nbers should be filled in.		s from a time when	The PHY 800GXS i wording is a bit odd <i>SuggestedRemedy</i> Change "The servic	s the same as the 800GMII that	2.1.5.1 GXS is defined as	use 170, so the
Comment Type I suspect the there were 2 missing nun SuggestedReme Change the This should	T Comment Status A at the "N/A" here was copied from T 26.5625 GBd (50G) AUIs but not 53. nbers should be filled in.	125 GBd AUIs. Nov	s from a time when v that there are, the	The PHY 800GXS i wording is a bit odd <i>SuggestedRemedy</i> Change "The servic 170, with some exc to "The service interfa	s the same as the 800GMII that Follow the wording used in 17 e interface below the PHY 800G	2.1.5.1 GXS is defined as s follows:"	use 170, so the s the 800GMII in Clause
Comment Type I suspect the there were 2 missing nun SuggestedReme Change the This should	T Comment Status A at the "N/A" here was copied from T 26.5625 GBd (50G) AUIs but not 53. nbers should be filled in. edy three N/A to approx 11, 202, 213. be done in Table 116-9 also, and a	125 GBd AUIs. Nov	s from a time when v that there are, the	The PHY 800GXS i wording is a bit odd <i>SuggestedRemedy</i> Change "The servic 170, with some exc to "The service interfa	s the same as the 800GMII that Follow the wording used in 172 e interface below the PHY 800G eptions and additional signals as ce below the PHY 800GXS is th	2.1.5.1 GXS is defined as s follows:"	use 170, so the s the 800GMII in Clause

C/ 171 SC 171.3.3

C/ 171	SC 171.6	P201	L 21	# R1-34	C/ 171	SC 171.8	P 202	L44	# R1-41		
Dawe, Pier		NVIDIA			Dawe, Pie		NVIDIA	- 77	# IXI-+I		
Comment 1		Comment Status A		(bucket2)	Comment		Comment Status A		(bucket)		
The FE them, a "all" tel	EC degrade feat and sometimes lling us somethi	ture doesn't propagate FEC de in the opposite direction, so th ng (what?) or is it a rhetorical degrade (nothing untoward de	he first "propaga flourish? If the f	is. It signals or reports te" doesn't work. Is	Missin <i>Suggeste</i> a	g verb					
Suggested		noo from "The FFO downedo f	t		Response Response Status C ACCEPT IN PRINCIPLE.						
degrad	le conditions at	nce from "The FEC degrade for the RS-FEC decoder using FE ade conditions using FEC deg	EC degrade dete	ection and to propagate		-	LE. ponse to comment R1-28.				
feature	provides the al	bility to detect degrade conditional to report FEC degrade conditional to report to report to report FEC degrade conditional to report FEC deg	ons at the RS-F	EC decoder using FEC	C/ 172	SC 172.1.3	P211	L18	# R1-35		
lf "all" i	is intentional, ch	hange it to "report all three pos			Dawe, Pie	rs J G	NVIDIA				
	in 172.1.4.				Comment	Туре т	Comment Status A		(bucket2)		
esponse ACCEF	PT IN PRINCIPI	Response Status C LE.			MDIO is optional. So is any management, usually, although "it is recommended that an equivalent access is provided" (172.3).						
Replac	e the first parag	graph in 171.6 with the followir	ng:		Suggested	IRemedy					
					Change "and informing" to "and, optionally, informing"						
the RS indicati	-FEC decoder u	ture provides the ability to det using FEC degrade detection, degrade signaling. The propag described in 116.6."	and to propagat	te the FEC degrade	Response ACCE	PT IN PRINCIF	Response Status C LE.				
Make s		to the first paragraph in 172.1	.4 and 169.6.		and D		ot apply to the substantive cha isfied negative comments from culation ballot.				
/ 171	SC 171.8	P202	L44	# R1-28	Howev	ver, there was c	onsensus to address this com	ment.			
Dudek, Mic		Marvell		" 1(120			800GMII. The statement in ite	m j is not releva	nt to the 800GMII and		
Comment T	Туре Е	Comment Status A		(bucket)	thus si	hould be delete	a from this list.				
Senten	nce without a ve	rb			Delete	item j) from the	e list.				
<i>Suggested</i> Change	2	are described"									
Response ACCEF	PT.	Response Status C									

C/ 172 SC 172.1.3 Page 5 of 12 11/14/2023 5:48:00 PM

		_									
C/ 172	SC 172.1.5.1		L 47	# R1-21	C/ 172	SC 172.	2.4.6		P 216	L 38	# R1-23
Ran, Ade	e	Cisco Systems	s, Inc.		Ran, Adee)		C	isco Syster	ms, Inc.	
Commen	t Type E	Comment Status A		(bucket)	Comment	Туре Т		Comment Sta	tus A		(bucket2)
	PCS service inter e, line 47 and line	face is the 800GMII in Clause 50)	170"		"tx_arr	n_sf<2:0> =	{FEC	_degraded_SER	+ rx_local	_degraded,0,0}"	
-	ar references to x pple see 149.3.1.	GMII clauses in the base docu	iment use the v	vord "defined". For	subcla	use and in I	igure		meaning o	of numerical add	other places in this ition. It can also be
Suggeste	edRemedy				The te	ما امان مام ا					
Chan	ige to "The PCS s	ervice interface is the 800GMI	I defined in Cla	ause 170", twice.	i ne te	xt should de	mad	le unambiguous.			
Response	e	Response Status C			Also a	pplies to 17	1.6.1,	although there a	ire no addit	tional + signs the	ere.
ACCI	EPT IN PRINCIPL	•			Suggested	lRemedy					
		ed" is a good change. Howev consecutive sentences.	er, It is not nec	essary to say "defined		ind + denote fined in 172			here FEC_	degraded_SER	and rx_local_degraded
		nces to the following :			Add a 172.2.		ement	t in 171.6.1, inclu	ding refere	ences to the varia	able definitions in
	MII defined in Cla	yer is the Reconciliation Subla	iyer, the PCS s	ervice interface is the	Response			Response Sta	tus C		
When	n the client sublay	ver is the PHY 800GXS, the PC TXRD, TXLD, RXRD, RXLD a			ACCE	PT IN PRIN	CIPLE	E.			
	0		-			.2.4.6					
C/ 172	SC 172.1.5.1	P 212	L1	# R1-22							efined in 172.2.6.2.2" d in 172.2.6.2.2 and +
Ran, Ade	e	Cisco Systems	s, Inc.			ere FEC_u		IEU_SER and IX_	local_degla		u iii 172.2.0.2.2 aliu +
Comment	t Type E	Comment Status A		(bucket)		0					
"The	TXRD and TXLD	status signals indicate"						wing statement:		d and define dia	170.0.0.0.0
Thee	a are not referred	to op "ototup pignolo" plopubo	The subces	want two norographs		e FEC_degra		_SER and fx_loc	al_degrade	a are defined in	172.2.6.2.2 and +
		to as "status signals" elsewhe XLD without the word "status".	re. The subset	quent two paragraphs				FEC_degraded_	SER + rx_l	ocal_degraded,	0,0}
		s "The PCS_status signal indic is adds confusion.	ates" but in t	his case "status" is part	Impler	nent with ed	itorial	l license.			
Suggeste	edRemedy										
00	,	and TXLD signals indicate"									
Response	е	Response Status C									
ACCI	EPT.	,									

C/ 172 SC 172.2.4.6

CI 172 SC 172.2.	4.6 P216	L 49	# R1-36	C/ 172A	SC 172	۱	P 282	L 30	# R1-26
Dawe, Piers J G	NVIDIA			Ran, Adee			Cisco System	s, Inc.	
Comment Type E	Comment Status A		(bucket2)	Comment 7	ype E		Comment Status A		(bucket)
Font size					riable tx_so I for flow 1'		_am is produced as show	n in Table 172A	A–1 for flow 0 and Table
SuggestedRemedy				1728-4	FIOLIOW I				
Fix				and the	n				
Response ACCEPT IN PRINC	Response Status C IPLE.						are shown in Table 172A 72A–6 for flow 1"	–2 and Table 1	72A–3 for flow 0, and in
The font size of the	cross-references is larger than	text in the rest of	the sentence.				r to read and follow if the r first, right after the text th		
Fix the font formattin	ng in the note with editorial licen	ISE.		that de		remainir	ng tables, and the remaining		
C/ 172 SC 172.2.	5.2 P221	L12	# R1-24	Suggested		ungry.			
Ran, Adee	Cisco System	ns, Inc.				s and the	e text per the comment.		
Comment Type T	Comment Status R		(bucket)	Response			Response Status C		
"Within a flow, the c two streams of FEC	lata from the 16 PCS lanes is de codewords"	e-interleaved to r	econstruct the original		PT IN PRIN				
	ent in 119.2.5.2 is "the two FEC o			The su	ggested rei	nedy ma	kes the table numbering	consistent with	the description.
	inal stream of two FEC codewor ords, not two (independent) strea			Implem	ent the sug	gested r	remedy with editorial licen	se.	
	2.5.2 may be improved by chan original stream of FEC codeword efers.								
SuggestedRemedy									
original two streams	ow, the data from the 16 PCS la s of FEC codewords" e data from the 16 PCS lanes is EC codewords".								
Response	Response Status C								
REJECT.									
The text is accurate decoder.	as written. The data is broken i	nto two streams	one for each FEC						
There is no consens	sus to make the proposed chang	ges.							

C/ 172A SC 172A

C/ 172A SC 172A	P 282	L 51	# R1-39	C/ 172A S	SC 172A	P 287	L 24	# R1-18
Dawe, Piers J G	NVIDIA			Slavick, Jeff		Broadcom Inc	C	
Comment Type TR	Comment Status R		(bucket2)	Comment Type	e T	Comment Status R		(bucket
twice "Mux and 10-bit s reversal that doesn't se	172A shows us how valuable symbol distribution" as in 119. eem to be mentioned in the te t interleaved, which is a new t	2.4.8 Figure 11 ext), then 32:8 bi	9-11 (with an order it mux as in 173.5.2.1		nich of the 3	bit block was scrambled is not 2 257-bit blocks in each flow t		
SuggestedRemedy					-	he 257-bit block was scramble	ad"	
	16-lane output of the PCS for	these cxA and	cxB. It may be enough			g the first 257-bit block"	,u	
	nings of lanes 1 and 31, enou	gh to include so	me differences	Response		Response Status C		
between four codeword	is. 8-lane output of an 32:8 bit n	oux from that (w	hich could go in a	, REJECT.		•••••		
NOTE in 173). Again, s misinterpretations or ar If only a few hundred bi	showing a couple of lanes wo mbiguities. Add a cross-refer its are needed, it could go in the be added and plain-text equiv	ould be enough t ence from here. text. But if a mo	to resolve most or all pre complete example is	The point a	at which the	as changed from 282 to 287] initial seed is applied is implie		
Response	Response Status U			wording Ar	nnex 119A.	It is not necessary to make th	e proposed chai	nge.
REJECT.				There is no	o consensu	s to make the proposed chang	je.	
The example patterns a	are provided to help the imple	menter confirm	correct interpretation of	C/ 172A S	SC 172A	P 287	L 30	# R1-19
the encoding funcitonal	ity which is complex.			Slavick, Jeff		Broadcom Inc	;	
Figure 119-11 provides	sufficient guidance to correc	tly implement "I	Mux and 10-bit symbol	Comment Type	e T	Comment Status R		(bucket
distribution". Therefore	adding the suggested addition	onal patterns is i	not necessary.			pping processes have produce own in the tables.	ed a state of the	tx_scrambled_am
There is no consensus	to make the proposed chang	es.		SuggestedRen	nedv			
C/ 172A SC 172A	P 287	L11	# R1-37			tx_scrambled_am is produced		
Dawe, Piers J G	NVIDIA			To: "the st	ate of the va	ariable tx_scrambled_am is sh	iown in"	
Comment Type E	Comment Status A		(bucket)	Response		Response Status C		
A more specific referer	nce would make this annex ea	asier to use		REJECT.				
SuggestedRemedy				[Editor's no	ote: page w	as changed from 282 to 287]		
Change cross-referenc	e from Clause 172 to 172.2.4	Ļ		This wash	:	tantith thaandian Amara. 4		
Response	Response Status C					tent with the wording Annex 1 of necessary to make the prop		ig is sumclently clear to
ACCEPT.								

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/ 172A SC 172A Page 8 of 12 11/14/2023 5:48:00 PM

C/ 172A SC 172A	P 287	L 50	# R1-38	C/ 172A	SC 172A	P 28	8 8 L	.4	# R1-20
Dawe, Piers J G	NVIDIA			Marris, Arthu	ır	Cader	nce Design Sys	stems, Inc.	
Comment Type E	Comment Status A		tables	Comment Ty	rpe T	Comment Status	Α		tables
prepare a plain-text file	are easier to use in plain text e with the large tables for com veb site for review with future	venient reading i	nto a program, and			e "tx_scrambled_am i:j hat the values in the tal			wing coding:
SuggestedRemedy					0			,	g. counigi
Upload the text files, e	eventually to https://standards. bringing them to the reader's		ads/802.3/ , and	For all k For all j if ever	=0 to 7				
Response ACCEPT IN PRINCIP	Response Status C LE.			_		k+20j+ 9:160k+20j > = k+20j+19:160k+20j+10	_ , , ,		
Resolve using response	se to comment R1-13.					k+20j+ 9:160k+20j > = k+20j+19:160k+20j+10			
				when it s	should have ι	used the following codin	g:		
				am_ else am_	=0 to 7 n(k) mapped<160 mapped<160 mapped<160	k+20j+ 9:160k+20j > = k+20j+19:160k+20j+10 k+20j+19:160k+20j+10 k+20j+ 9:160k+20j > =	$> = am_{2j+1}$ $> = am_{2j+1}$	<10k+9:10k> <10k+9:10k>	
				SuggestedR Please c	-	ample coding tables in	Annex 172A		
				Response ACCEPT		Response Status PLE.	С		
				Resolve	using respor	se to comment R1-13.			

C/ 172A SC 172A Page 9 of 12 11/14/2023 5:48:00 PM

Cl 172A	SC 172A	P 288	L10	# R1-29		C/ 172A	SC	172A		P 288	L10	# <u>R1-13</u>
Nicholl, Sha	awn	Advanced Mi	cro Devices (AM	D)		He, Xiang				Huawei Tec	hnologies Co., Lt	d
Comment T	ype T	Comment Status A			tables	Comment T	уре	т	Comment	Status A		table
800GBA	ASE-R PCS fl	Fable 172A-1 - Example tx_scr low 0" table values, specifically								x_scrambled_ ble 172A-1 and		r both flows. To be more
from the	e expected va	lues based on 119.2.4.4.2.				SuggestedF	Remea	'y				
		n "Table 172A-4 - Example tx_s S flow 1" table values.	crambled with a	ignment marker gr	oup						1 and Tbale 172/ 3dj & .3df joint a	A-4 to the correct values d hoc on Nov. 2.
SuggestedF	Remedy					Response			Response	Status C		
		ected that provides the correct	values.			ACCEP	PT IN F	RINCIP	LE.			
Response ACCEP	T IN PRINCI	Response Status C PLE.						, i		le 5 of contribu adhoc/optics/1		dj_optx_01_231102.pdf
Resolve	e using respor	nse to comment R1-13.								g text files usir 23_11/he_3df_		roach used in 172.2.4.6:
C/ 172A	SC 172A	P 288	L10	# R1-40						23_11/he_3df_ 23_11/he_3df_		
Dawe, Piers	s J G	NVIDIA										
Comment T Improve		Comment Status A led_am tables and text files are	e available		tables							
SuggestedF Use the		bles and text files										
Response ACCEP	T IN PRINCI	Response Status C PLE.										
Resolve	e using respor	nse to comment R1-13.										

C/ 172A SC 172A

lation ballot comments

				302.3df D3.1	· .	sor recircula To "Th
C/ 173	SC 173.2	P 237	L 8	# R1-2	5	descril
Ran, Ade		Cisco System	ns, Inc.			Impler
Comment		Comment Status A			(bucket)	· · ·
	8:32 and 8:8 PMAs n abling	nay optionally provide sig	hal status inform	ation to the PIV	IA client	C/ 173
(sque	Iching) one or more	of the PAM4 symbol strea	ms sent to the F	PMA client		Dawe, Pie
(PMA	:IS_UNITDATA_0:7.	indication), see 173.5.8.2	and 173.5.8.3			Comment Possib
		ly inaccurate - it is the out				_
any P	AM4 symbol stream.	symbol streams; a squelc Indeed, the text in 173.5				Suggested would
wordi	ng.					Response
		ated to the subject of this s				REJE
	arly for the 4th parage	ned in other subclauses, t raph in 173.3.	nis ievei oi delai	ins not necessa	ary nere.	This co and D3
Suggeste	dRemedy					the sc
	3.2, change the quote	ed sentence to nay optionally provide sigi	al status inform	ation to the DM	1A client	There
	scribed in 173.5.8.2				IA CIIEITI	C/ 173
and m	nake it a separate pa	ragraph.				Slavick, Je
In the	4th paragraph of 17	3.3, change				Comment
or mo PMA: to	re of the PAM4 syml IS_UNITDATA_0:7.r	Ily provide signal status in pol streams sent to the su equest (see 173.5.8.3)"	blayer below via	1	-	In 173 for the and th conver
	ibed in 173.5.8.3".	Ily provide signal status ir	normation to the	Sublayer below	V dS	Suggested
Response	e	Response Status C				In the
ACCE	PT IN PRINCIPLE.					To: "Tl functio
In Cla	use 173.2…					In the
Chan	ge "The 8:32 and 8:8	PMAs may optionally pro				To: "Ti
PMA	client (PMA:IS_UNIT	quelching) one or more of DATA_0:7.indication), se As may optionally provide	e 173.5.8.2 and	173.5.8.3."		Response ACCE
client	as described in 173.	5.8.2 and 173.5.8.3"				Impler
	nake this a new para	yıapıı.				[Editor
		, if the sublayer below the				

may optionally provide signal status information by disabling (squelching) one or more of the PAM4 symbol streams sent to the sublayer below via PMA:IS UNITDATA 0.7 request (see 173.5.8.3)."

The 8:8 PMA may optionally provide signal status information to the sublayer below as ribed in 173.5.8.3"

ement with editorial license.

C/ 173	SC	173.4.1	P 239	L1	# R1-46
Dawe, Pie	ers J G		NVIDIA		
Comment	Туре	ER	Comment Status R		(bucket2)
Possil	bly, rem	oving the	blank line 1 and reducing the	figure at lines	s 9-10

edRemedy

d let it fit on the previous page with its subclause text.

е Response Status C

ECT.

comment does not apply to the substantive changes between IEEE P802.3df D3.0 D3.1 or the unsatisfied negative comments from previous drafts. Hence it is not within cope of the recirculation ballot.

e is no consensus to make the proposed changes.

C/ 173	SC 173.5.2.1	P 242	L15	# R1-15
Slavick, Jeff		Broadcom Inc		
Comment Ty	pe T	Comment Status A		(bucket)

'3.4.1 we state that the Tx bit multiplexing function is restricted and Rx is unrestricted ne 32:8 PMA. In 173.5.2.1 we state the PMA provides bit-multiplexing for Tx and Rx then repeat the transmit bit-multplex is done over these lanes and then magically ert from general bit-multiplexing phrase to "restricted bit multiplexing".

edRemedy

second paragraph. Change "The restricted bit-level multiplexing function is identical" This is a restricted bit-level multiplexing

ion that is identical"

third paragraph. Change "The unrestricted bit-level multiplexing function is identical" This is an unrestricted bit-level multiplexing function that is identical"

е Response Status C

EPT IN PRINCIPLE.

ement suggested remedy with editorial license.

or's note: page was changed from 237 to 242]

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/ 173 SC 173.5.2.1 Page 11 of 12 11/14/2023 5:48:00 PM

C/ 173	SC 173.5	2.2	P 242	L 37	# R1-16	C/ 173	SC 173.5	4	P 244	L 37	# R1-5
Slavick, Jet	ff		Broadcom Ind	C		Brown, Ma	tthew		Alphawave		
Comment 7	Гуре Т	Col	mment Status A		(bucket)	Comment	Туре Е	Comment	Status R		(bud
					ed and Rx is restricted	Reference to "169.4 and its references" is unnecessarily verbose.					
for the 8:32 PMA. In 173.5.2.2 we state the PMA provides bit-multiplexing for Tx and Rx and then repeat the transmit bit-multiplex is done over these lanes and then magically convert from general bit-multiplexing phrase to "unrestricted bit multiplexing".					Suggested	Remedy					
					Change "169.4 and its references" to "169.4".						
Suggestedl	Remedy					Response		Response	Status Z		
In the second paragraph. Change "The unrestricted bit-level multiplexing function is identical"					REJEC						
functior	n that is ider	tical"	-level multiplexing		function is identical"	This co	omment was	WITHDRAWN by	y the commente	er.	
			el multiplexing functio								
Response		Res	ponse Status C								
ACCEF	PT IN PRINC	IPLE.									
Implem	ient suggest	ed remedy	with editorial license.								
[Editor's	s note: page	was chan	ged from 237 to 242]								
C/ 173	SC 173.5	2.3	P 243	L 15	# R1-17						
Slavick, Jet	ff		Broadcom Ind	C							
Comment 7	Гуре Т	Col	mment Status A		(bucket)						
PMA. I transmi	In 173.5.2.3 it bit-multple	we state th k is done c		ultiplexing for T	stricted for the 8:8 x and Rx and then state onvert from general bit-						
Suggestedl	Remedy										
			e "The restricted bit-le el multiplexing function								
Response		Res	ponse Status C								
	PT IN PRINC	IPLE.									
ACCEP											
	ient suggest	ed remedy	with editorial license.								

C/ 173 SC 173.5.4