C/ FM	SC FM	P5	L 21	# 4	C/ 1	SC 1.1.3.2	P31	L13	# 7
Dawe, Piers		Nvidia			Dawe, Pi		Nvidia		··· [1
Comment Typ	be E	Comment Status X			Comment		Comment Status X		
may is us		nd contradictory to the mea a course of action permissi			not no at 800	ecessary to ensite of the second s	00GMII: "While conformance are communication, it allows The 800GMII is a logical inte	flexibility in interm	iixing PHYs and DTEs led for use as an intra-
represent	e IEEE staff to	o follow their own rules. "St changed to "Statements not necessarily represent'		by volunteers may not	800G choic	MII is optional." e for "allowing fl	chanical connector is specifi which is much the same as i exibility in intermixing PHYs a tence quoted is misleading o	tem d, GMII. As t and DTEs at 800 (he current interfaces o
		or another instance.	•		Suggeste	dRemedy			
Proposed Res PROPOS	sponse ED REJECT.	Response Status O			neces		While conformance with imp communication, it allows flex		
		vith the front matter in the la the draft at this time.	atest 802.3 draft	template, therefore no	Proposed	l Response	Response Status 0		
		rwarded to IEEE editorial st	aff for considera	tion.	PRO	POSED REJEC	Г.		
C/ FM	SC FM	P 6 Nvidia	L 39	# 5	and D		not apply to the substantive c tisfied negative comments fro culation ballot.		
Comment Typ	be E	Comment Status X			C/ 1	SC 1.1.3.2	P31	L17	# 27
		te with URL for IEEE Xplore	e is in the wrong	place	Dawe. Pi		Nvidia		
SuggestedRe	medy				Comment		Comment Status X		
Have the	staff move it fr	om "contact IEEE." to "IEE	E Xplore".			51	ane version of 800GAUI-n (8	00GAUI-8) is defi	ned" while actually, two
Proposed Res	sponse	Response Status O				ons of 800GAUI		,	
	ED REJECT.				Suggeste	dRemedy			
and D2.1 the scope The draft changes a	or the unsatisf of the recircul is consistent w are required.	apply to the substantive ch fied negative comments from lation ballot. vith the front matter in the la rwarded to IEEE editorial st	m previous drafts atest 802.3 draft	s. Hence it is not within template, therefore no	define four-la to "Fo Howe	ed. However, it i ane version (800 or the P802.3df j ever, it is anticipa	2.3df project only an 8-lane v s anticipated that in subsequ OGAUI-4), will be defined." project only 8-lane versions c ated that in subsequent 800G), will be defined."	ent 800GbE proje of 800GAUI-n (800	cts other widths, e.g., a
					Proposed	l Response	Response Status 0		
					-	POSED REJEC	T.	hangaa hatwaan l	

This comment does not apply to the substantive changes between IEEE P802.3df D2.0 and D2.1 or the unsatisfied negative comments from previous drafts. Hence it is not within the scope of the recirculation ballot.

C/ 1 SC 1.1.3.2

C/ 1	SC 1.1.3.2	P 31	L 17	# 8
Dawe, Piers	5	Nvidia		

Comment Type T Comment Status X

This text "The 800GAUI-n is a physical instantiation of the PMA service interface... While conformance with implementation of this interface... The 800GAUI-n is intended... For chipto-chip interfaces and for chip-to-module interfaces, one width of 800GAUI-n is defined: an eight-lane version (800GAUI-8) in Annex 120F and Annex 120G. No mechanical connector is specified for use with the 800GAUI-n. The 800GAUI-n is optional." reads as if there is only one kind of 800GAUI-n, and its specification is spread over two annexes. This is wrong; 800GAUI-n C2M and 800GAUI-n C2C are distinct, not interchangeable, and not intended to interoperate with each other. There is not "a version". Also, "the PMA service interface" is inaccurate; there can be more than one PMA service interface per MAC. Note the definition 1.4.184h uses "A" not "The".

SuggestedRemedy

Change the paragraph to: x) 800 Gb/s Attachment Unit Interface (800GAUI-n). An 800GAUI-n is a physical instantiation of a PMA service interface to extend the connection between 800 Gb/s capable PMAs. While conformance with implementation of 800GAUI-n is not necessary to ensure communication, it is recommended, since it allows maximum flexibility in intermixing PHYs and DTEs at 800 Gb/s speeds. 800GAUI-n C2C is intended for use as a chip-to-chip and 800GAUI-n C2M is intended as a chip-to-module interface. One width of 800GAUI-n is defined for chip-to-chip interfaces and one for chip-to-module interfaces: eight-lane 800GAUI-8 C2C in Annex 120F and eight-lane 800GAUI-n. A 800GAUI-n is optional.

Proposed Response Response Status O

PROPOSED REJECT.

This comment does not apply to the substantive changes between IEEE P802.3df D2.0 and D2.1 or the unsatisfied negative comments from previous drafts. Hence it is not within the scope of the recirculation ballot.

C/ 1	SC 1.4.184h		P 33	L 37	# 10
Dawe, P	iers		Nvidia		
~		~			

Comment Type T Comment Status X

This says that 800GAUI-n is used for chip-to-chip or chip-to-module electrical interfaces. It says that an eight-lane version when in fact, two versions are defined.

SuggestedRemedy

Change: 800 Gb/s Attachment Unit Interface (800GAUI-n): A physical instantiation of the PMA service interface to extend the connection between 800 Gb/s capable PMAs over n lanes, used for chip-to-chip or chip-to-module electrical interfaces. For chip-to-module interfaces and for chip-to-chip interfaces, one width of 800GAUI-n is defined: an eight-lane version (800GAUI-8). (See IEEE Std 802.3, Annex 120F and Annex 120G.) to: 800 Gb/s Attachment Unit Interface (800GAUI-n): A physical instantiation of the PMA service interface to extend the connection between 800 Gb/s capable PMAs over n lanes, used for chip-to-chip or chip-to-module electrical interfaces. One width of 800GAUI-n is defined for chip-to-chip interfaces and one for chip-to-module interfaces: eight-lane 800GAUI-8 C2C and eight-lane 800GAUI-8 C2M. (See IEEE Std 802.3, Annex 120F and Annex 120G.)

Proposed Response Response Status **O**

PROPOSED REJECT.

This comment does not apply to the substantive changes between IEEE P802.3df D2.0 and D2.1 or the unsatisfied negative comments from previous drafts. Hence it is not within the scope of the recirculation ballot.

C/ 1	SC	1.4.184	lk P34	L 2	# 11
Dawe,	Piers		Nvidia		
Comm	ent Type	Е	Comment Status X		
Та	utology: "F	CS Sul	player" and "RS sublayer"		

SuggestedRemedy

Delete Sublayer and sublayer, or spell out PCS and RS

Proposed Response Response Status **O**

PROPOSED REJECT.

This comment does not apply to the substantive changes between IEEE P802.3df D2.0 and D2.1 or the unsatisfied negative comments from previous drafts. Hence it is not within the scope of the recirculation ballot.

The definition text for 800GXS is consistent with the definitions for 200GXS and 400GXS.

C/ 1 SC **1.4.184k**

C/ 1	SC 1.4.461	P 34	L19	# 12	C/ 124	SC	124.8.5b	P119	L 28	# 18
Dawe, Pie	ers	Nvidia			Dawe, Piers	S		Nvidia		
Comment	Type E Cor	nment Status X			Comment T	уре	т	Comment Status X		
Difficu	It to parse "carried on a	physical lane togethe	r at the"					hoot and undershoot in 140.7		,
Suggested	lRemedy							g amount of overshoot beyon part in the measurement")	id the limit (beca	ause only a fraction of 1
	ge to "carried together of				SuggestedF	,				
	t the" or "carried toge		nder of physical	lanes at the	00			Clause 167. The limits can be	e adjusted to ke	ep the effect of the spec
		oonse Status O			the sam	ne. Si	imilarly fo	r 124.8.5c Transmitter power	excursion.	
	OSED REJECT. omment does not apply	to the substantive cha	anges between	IEEE P802.3df D2.0	Proposed R	Respor	nse	Response Status 0		
and D	2.1 or the unsatisfied ne	gative comments fror				-	REJECT			
the sc	ope of the recirculation	ballot.						ot apply to the substantive cha sfied negative comments fror		
!! dou	ble-check scope				The cor	nmen	t provides	s insufficient justification for w		
C/ 124	SC 124.8.1	P117	L 8	# 17				r PMDs over SMF and MMF. does not contain sufficient de	etail so that the	CRG can understand
Dawe, Pie	ers	Nvidia			the spe	cific c	hanges th	nat satisfy the comment.		
Comment	Type T Cor	nment Status X								
400GI don't d base t	lid 400GBASE-R signal BASE-R signal has to be define a non-valid 400Gl ext). Compare Table 16 BASE-R, or 800GBASE-	e valid and the 800GB BASE-R signal so the 67-11 "3, 4, 5, 6, or va	ASE-R one doe word isn't need	sn't (even though we ed, but it is there in the						
Suggested	lRemedy									
valid 4	ge "3, 4, 5, 6, or valid 40 00GBASE-R or 800GB g) "signal" and delete th	ASE-R signal" (i.e. pu		gnal" to "3, 4, 5, 6, or -R" before the first (pre-						

Proposed Response

PROPOSED REJECT.

Response Status 0

The text is technically correct as written. It might be improvement to align text with Table 167-11 as proposed. This is not critical to address at this time and can be addressed in SA Ballot.

There is no consensus to make the proposed changes at this time.

C/ 124 SC 124.8.5b

C/ 162	SC 162.1	P 130	L 20	# 6
Dawe, Pie	ers	Nvidia		



Bad use of "may not", and contradictory to the meaning at Table 167-6. "The word may is used to indicate a course of action permissible within the limits of the standard (may equals is permitted to)." This issue is fixed in 162A.1. Missing word "associated". Also, see style guide 10.1.2 That and which.

SuggestedRemedy

Change "information on parameters with test points that may not be testable in an implemented system" to "parameters associated with test points which might not be testable in an implemented system", aligning with 162A.1.

Proposed Response Response Status O

PROPOSED REJECT.

This comment does not apply to the substantive changes between IEEE P802.3df D2.0 and D2.1 or the unsatisfied negative comments from previous drafts. Hence it is not within the scope of the recirculation ballot.

The use of this phrase is well established, as it appears 10 times in the 802.3-2022 standard in similar contexts. The alternative phrase "which might not be testable" appears only twice, in Annex 136A and in Annex 162A.

Use of the phrase "which might not be testable" would be an improvement to the text. Also, the word "associated" is indeed missing and should be inserted.

This is not critical to address at this time, however the commenter is encouraged to resubmit this comment during SA Ballot.



Comment Type T Comment Status X

Ambiguous sentence "The PMDs on both ends of the link have connected ground references." The PMDs are connected to ground? to each other? the lanes in a PMD are connected together? What does "ground reference" (as opposed to "ground") mean? If this sentence means the PMDs are connected to each other, is it telling the implementer to arrange such a connection (through mains earth?) Are Signal shield and/or Link shield in Fig 162-2 involved?

SuggestedRemedy

This phrase appears four times in this draft. It is base text so it may have to go to maintenance, but this is the ideal group to advise what it is trying to say.

Proposed Response Response Status O

PROPOSED REJECT.

This comment does not apply to the substantive changes between IEEE P802.3df D2.0 and D2.1 or the unsatisfied negative comments from previous drafts. Hence it is not within the scope of the recirculation ballot.

This text is also out of scope for this project since it would result in a change to technical specification for 100GBASE-CR1, 200GBASE-CR2, and 400GBASE-CR4.

The proposed change does not contain sufficient detail so that the CRG can understand the specific changes that satisfy the comment.

C/ 169	SC 169.4	P1	82	L16	# 23	
Dawe, Pier	rs	Nvidia	a			
Comment Colocat	<i>Type</i> E ted (twice)	Comment Status	Х			
Suggested FWIW	<i>Remedy</i> , 55B has co-loc	ated				
Proposed I PROP	Response OSED REJECT.	Response Status	0			

It is assumed the the comment is proposing to change "colocated" to "co-located". The word "colocated" without a hyphen is a proper spelling according to Merriam Webster. No change is required.

C/ 169 SC 169.4

C/ 169	SC 169.4	P 182	L 28	# 9
Dawe, Pie	ers	Nvidia		

Comment Type E Comment Status X

The delay allowance for a 8:8 PMA is too low, and the allowance for an optical PMD is too high and out of step with other optical PMDs. (The allowance for CR or KR PMD+AN may be wrong too, but it doesn't matter much as they are always combined with PMAs.)

SuggestedRemedy

Change "800GBASE-R PMA" to "32:8 or 8:32 800GBASE-R PMA". Add a row "8:8 800GBASE-R PMA,65,536 BT, 128 PQ, 81.92 ns. Revert the VR8, SR8, DR8 and DR8-2 PMD allowances to 16,384 BT, 32 PQ, 20.48 ns.

Proposed Response Response Status W

PROPOSED REJECT.

See the response to comment #13 for background.

This concern expressed in this comment might have some merit, but substantive additional rationale is required to make appropriate changes.

The commenter is invited to resubmit this comment in SA Ballot.

C/ 169	SC 169.4	P182	L 28	# 22
Dawe, Pier	rs	Nvidia		

Comment Type T Comment Status X

It's clear that in Clause 120, there is one "PMA sublayer" in a stack for a port, which is how "layers" are usually used, but it could contain up to four "PMA stages". In this draft, we have up to four "instances of the 800GBASE-R PMA", and according to 173.5.4, the numbers for the PMA row apply to an instance not a sublayer.

SuggestedRemedy

Write something like "Each instance of a PMA" in the Notes column. Change the heading of the left column to "Sublayer or instance".

Proposed Response Response Status **O**

PROPOSED REJECT.

Contrary to the comment, Clause 120 does refer to multiple instances of a PMA as follows. In 120.1.4, in multiples sentences refers to multiple sublayers including the following: "An implementation may use one or more PMA sublayers to adapt the number and rate of the PCS lanes to the number and rate of the PMD lanes. The number of PMA sublayers required depends on the partitioning of functionality for a particular implementation." "More addressable instances of PMA sublayers, each one separated from lower addressable instances by chip-to-chip interfaces, may be implemented and addressed allocating MMD addresses to PMAs in increasing numerical order going from the PMD toward the MAC."

However, for the 800GBASE-R PMA a footnote similar to footnote "d" would help to clarify that the specified delay relates to each instance of a PMA sublayer and there may be multiple instances of a PMA sublayer within a Physical Layer.

This is not critical to address at this time, however the commenter is encouraged to resubmit this comment during SA Ballot.

There is no consensus to make a change at this time.

C/ 169 SC 169.4 Page 5 of 11 2023-06-29 8:43:05 PM

C/ 170	SC 170.1.2	P 188	L 29	# 26	C/ 172	SC 172.2.4.	1	P 216	L11	# 28
Dawe, Pie	rs	Nvidia			Dawe, Piers	;		Nvidia		
Comment	Туре Т	Comment Status X			Comment T	vpe E	Commen	nt Status X		
that ar really r identic	n identical media media independe	interface [the 800GMII] is use access controller may be use nce; the common PCS and P controller to be used with dif	ed with supported PMA provide that.	d PHY types". It's not . It would allow an		57B transcode			figure above the ' ' How can they b	"64B/66B to e excluded, it won't
Suggestea	,	ete the sentence								B/257B transcoder" is lows (see Figure 172-
Proposed	Response	Response Status O			Proposed R	esponse	Response	e Status O		
This co and D2		t apply to the substantive cha fied negative comments fron			This co		ot apply to the		anges between IE n previous drafts.	EEE P802.3df D2.0
		change does not improve the	e technical clarity	or accuracy of the text	C/ 172	SC 172.2.4	1.1	P 211	L 19	# 35
	consideration of t				Dawe, Piers	;		Nvidia		
7 172	SC 172.2.4.1	P 211	L11	# 36	Comment T	vpe E	Commer	nt Status X		
	re	Nvidia								nething I would like to
Dawe. Pie	15	INVIUIA							diagram into co	
-		Comment Status X								de? That would be
Comment	Туре Т		der, Stateless en	coder, Rate matching,	useful.	If the alternation	ve encoder n	eeds to know the		as well as the one it is
Comment Mixed	<i>Type</i> T parts of speech:	Comment Status X		coder, Rate matching,	useful.	If the alternati g, calling it "s	ve encoder n	eeds to know the	e previous block a	as well as the one it is
Comment Mixed Block	<i>Type</i> T parts of speech: distribution, 64B/	Comment Status X Encode, State-diagram enco		coder, Rate matching,	useful. encodin S <i>uggestedF</i>	If the alternati g, calling it "s Remedy	ve encoder ne ateless" is bo	eeds to know the orderline. So the	e previous block a	as well as the one it is t ideal.
Block S <i>uggested</i> Chang	<i>Type</i> T parts of speech: distribution, 64B/ <i>Remedy</i> le Encode to Enc	Comment Status X Encode, State-diagram enco 66B to 256B/257B transcode oder or Encoding. Similarly	er and so on		useful. encodin S <i>uggestedF</i>	If the alternati g, calling it "s <i>Remedy</i> to "Method A	ve encoder ne ateless" is bo ', "Method B"	eeds to know the orderline. So the unless someone	e previous block a se names are no	as well as the one it is t ideal.
Comment Mixed Block Suggested Chang to Dec	<i>Type</i> T parts of speech: distribution, 64B/0 <i>IRemedy</i>	Comment Status X Encode, State-diagram enco 66B to 256B/257B transcode oder or Encoding. Similarly	er and so on		useful. encodin SuggestedF Change Proposed R	If the alternati g, calling it "s <i>Remedy</i> to "Method A	ve encoder no ateless" is bo ', "Method B" <i>Response</i>	eeds to know the orderline. So the	e previous block a se names are no	as well as the one it is t ideal.

C/ 172 SC 172.2.4.1.1 Page 6 of 11 2023-06-29 8:43:05 PM

C/ 172	SC 172.2.4.6	P 212	L 35	# 31	C/ 172	SC 172.2.4.6	з Р	212	L 38	# 30	
Dawe, Pier	rs	Nvidia			Dawe, Pier	S	Nvie	lia			
Comment	Туре Е	Comment Status X			Comment 7	уре Е	Comment Statu	s X			
		bad per PCS lane", "finally cal, it can be left out.	" is unfortunate,	as the UPs don't come		n among these	ccepted in principle) lanes, what is the s				ie in
Suggested											
Delete	"finally"				Suggestedl		int, please add som	othing the	at gives the inform	nation in	
PROP The re The pr		Response Status O onsistent with similar text in hange does not improve the ne CRG.		or accuracy of the text	shrikha CM0-C UM0/U UM1/U e.g.:	nde_3df_01a_2 M5 and UP0-UI M3 for Flow Ian M2/UM4/UM5 fo	221004 slide 13: P2 are unchanged f es 0-15 are inverted or Flow lanes 16-31	rom 400G from 400 are inver	bE CL119 OGbE ted from 400GbE	:	
/ 172	SC 172.2.4.6	P 212	L36	# 32			flow 1 are bit-wise nd UP0 to UP2 are				
Dawe, Pier	rs	Nvidia			119–2)	. UM1, UM2, U	M4, UM5 for flow 0				me
omment		Comment Status X			as for 4 Proposed F	00GBASE-R.	Response Status				
the end 172.2. Receiv lock to shown	d of the alignmen 5, Receive functio re function. 119.2 the alignment ma in Figure 119–12	JP0 to UP2) within the align t maker group are ignored of n > 172.2.5.1, Alignment loc 2.5.1, Alignment lock and de arkers as specified by the ali ." 119.2.6.2.2, Variables, ref	n receive." ck and deskew, p skew, uninforma gnment marker fers back to 119.	points to 119.2.5, tively says "It obtains lock state diagram 2.4.4.	other P If nece marker The pro	CS. ssary, the requ tables in the re	sougease-R PCS. ested information caspective clauses. change does not in the CRG.	an be deri	ved by comparso	on of the alignmer	nt
		ig more about the unique pa	ds. What are th	ey for?	C/ 172	SC 172.2.4.6	з Р	213	L 8	# 41	
uggested	-	the second state to the second			Dawe, Pier	s	Nvie	lia			
senten	ce in 172.2.5.1 s	here explaining why the uni aying which of CMs, UMs an	due pads are pro d UPs are used.	for what: something	Comment 7	<i>уре</i> Е	Comment Statu	s X			
		in Figure 119-12		0			to CM5, UM0, UPC			ext while in the ta	bles,
oposed I	Response	Response Status 0					cripts. The subscrip	ts are inc	onvenient.		
	OSED REJECT.				Suggested	,					
PROP	uuco 172 2 / 6 cn	ecifies alignment markers ad	ccording 119.2.4	.4 with some listed	Change	e the subscripts	to regular text in th	ese two fi	gures		
, PROP Subcla	ions The informa	tion requested is provided in									
PROP Subcla except The pr	ions. The informa	tion requested is provided ir hange does not improve the		or accuracy of the text	Proposed F	Response	Response Status	6 O			

C/ 172 SC 172.2.4.6 Page 7 of 11 2023-06-29 8:43:05 PM

/ 172 SC 172	.2.4.6	P 213	L 10	# 33	C/ 172	SC 172.2.5.2	P 217	L 3	# 44
awe, Piers		Nvidia			Dawe, Pie	rs	Nvidia		
mment Type E	Cor	mment Status X			Comment	Туре Т	Comment Status X		
at https://standar		harkers could be put or lownloads/	n the web in mad	hine-readable format	were c	riginally	eived on different lanes of the		-
		e with the alignment m gram. Post it on the pr			origina transm	lly litted, that's loopt	back. Lanes on lanes??		
drafts.					Suggested	-	l at the DCC with the lance is	a different arre	account to that at the
oposed Response		ponse Status O					at the PCS with the lanes in which they were originally tran		gement to that at the
PROPOSED RE.	-	to the substantive cha	anges hetween l	=EE P802 3df D2 0	Proposed	Response	Response Status 0		
and D2.1 or the u The proposed ch	nsatisfied ne	egative comments from ot improve the technica	n previous drafts		This c		apply to the substantive cha		
consideration of t	he CRG.				and D	2.1 or the unsatis	fied negative comments fron	n previous drafts	i.
172 SC 172	.2.4.11	P 216	L 43	# 42	C/ 172	SC 172.2.5.2	P 217	L 10	# 45
awe, Piers		Nvidia			Dawe, Pie	rs	Nvidia		
omment Type E	Cor	mment Status X			Comment	Туре Т	Comment Status X		
"is accessible thr	ough the regi	ister": which register?			the ori	ginal stream of tw	vo FEC codewords - surely n	ot just two code	words?
lggestedRemedy					Suggested	Remedy			
is accessible thro	ugh the BAS	E-R PCS test-pattern	control register	?	the ori	ginal two streams	of FEC codewords ?		
roposed Response	Res	ponse Status O			Proposed	Response	Response Status 0		
	es not apply	to the substantive cha egative comments from			This c		apply to the substantive cha fied negative comments fron		
172 SC 172	.2.4.11	P 216	L 44	# 43	C/ 172	SC 172.2.5.9	P 217	L 49	# 46
awe, Piers		Nvidia			Dawe, Pie	rs	Nvidia		
mment Type E	Cor	mment Status X			Comment	Туре Т	Comment Status X		
Table 172-5					The re 172.2.		use the decoding method de	fined in either 17	72.2.5.9.1 or
IggestedRemedy	ol.				Suggested	Remedy			
This is not a hotli		0			•••	•	use one of two decoding met	hods, which are	defined in 172.2.5.9.1
oposed Response		ponse Status O				2.2.5.9.2.	Ũ		
PROPOSED RE. This comment do		to the substantive cha	anges between l	FF P802.3df D2 0	Proposed	Response	Response Status O		
and D2.1 or the u The reference to This is not critica	nsatisfied ne Table 172-5 to address a	egative comments from should be an active cr at this time and can be d to resubmit this com	n previous drafts oss-reference. addressed in S	A Ballot.	The te	OSED REJECT. xt is clear as writh or accuracy of the	en. The proposed wording c e text in the consideration of	hange does not the CRG.	improve the technical
		editorial required GR/					C/ 17		Page 8 of 11

 TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
 C/
 172
 Page 8 of 11

 COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
 SC
 172
 2023-06-29 8:43:05 PM

 SORT ORDER: Clause, Subclause, page, line
 SC
 172
 2023-06-29 8:43:05 PM

C/ 173 SC 173.	2 P 232	L 54	# 47	C/ 173	SC 173.5.3.1	P 239	L 39	# 39	
Dawe, Piers	Nvidia			Dawe, Pie	rs	Nvidia			
Comment Type E	Comment Status X			Comment	Туре Т	Comment Status X			
	squelch feature should be me readers will recognise it.	entioned here. And,	the word "squelch"	terms implen	mean. I suspect nentation of e.g.	kew is generated, produced that all limits are cumulative the 800GAUI-8 closest to th esn't control its input Skew?	e (unlike for delag e PCS "shall del	y) - but then how can an	
				Suggested					
Proposed Response	Response Status 0				or clean up the	erminology			
	ECT. nge does not contain sufficie es that satisfy the comment.		CRG can understand	Proposed	•	Response Status O			
C/ 173 SC 173.		L 20	# 48			does not contain sufficient d at satisfy the comment.	etail so that the (CRG can understand	
Dawe, Piers	Nvidia			C/ 173	SC 173.5.4	P 240	L 35	# 50	
Comment Type E	Comment Status X			Dawe, Pie	ſS	Nvidia			
"the function": wha	t or which function? Compa	re lines 31, 39, 46		Comment	Туре Е	Comment Status X			
	s "bit-level multiplexing" at le	ast here, the first tim	e. e.g. "8:32 bit-level			pretation if the words to the end of the link, were reinstate		the sum of transmit and	
multiplexing" would				Suggested	Remedy				
Proposed Response	Response Status O			Per co	mment				
PROPOSED REJE This comment doe	s not apply to the substantiv	e changes between l	EEE P802.3df D2.0	Proposed	Response	Response Status O			
	satisfied negative comments			Chang		ilar to that proposed by this	comment would	be an improvement to	
C/ 173 SC 173.	5.3 P 239	L 24	# 14	the dra This s		ces subclause 169.4 which	clarifies that the	specified delay is for	
Dawe, Piers	Nvidia			sum of transmit and receive at one end of the link.					
Comment Type E	Comment Status X					dress at this time and can b ouraged to resubmit this con			
Delay should come	e before skew, as in 116 124	, 162, 169 and so on	, not after as in 120.			to implement the proposed	•		
SuggestedRemedy	ay constraints to before 173.	E 2 Skow and Skow)	(original						
			anation						
Proposed Response PROPOSED REJ	Response Status O								
This comment doe and D2.1 or the un	s not apply to the substantiv satisfied negative comments								
the scope of the re The order of these and Clause 120 in	subclauses in Clause 173 is	s the same as similar	clauses in Clause 83						
	nge does not improve the tee	chnical clarity or accu	rracy of the text in the						
TVDE: TD/toohnical ra	auirod EP/aditorial required	CP/gonoral required	T/technical E/editorial G/o	oporal		C/_1	79	Page 9 of 11	

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 173.5.4 Page 9 of 11 2023-06-29 8:43:05 PM

C/ 173 SC 173.5.4	P240	L 35	# 49	C/ 173	SC 173.5.8.2	P 242	L13	# 52											
Dawe, Piers	Nvidia			Dawe, Piers	;	Nvidia													
Comment Type E	Comment Status X			Comment Ty	vpe T	Comment Status X													
within a Physical Lay 800GMII Extender	ver, which is composed of an 8	00GBASE-R PH	Y and an optional			ineering this: "In the *tra en data is being *received		The SIGNAL_OK											
SuggestedRemedy				SuggestedR	Remedy														
within a Physical Layer, which is composed of an 800GBASE-R PHY and, optionally, an 800GMII Extender Proposed Response Response Status O PROPOSED REJECT. Change to the draft similar to that proposed by this comment would be an improvement to the draft. This is not critical to address at this time and can be addressed in SA Ballot. The commenter is encouraged to resubmit this comment during SA ballot. There is no consensus to implement the proposed change at this time.					Change "when data is being received on all 8 input lanes (PMA:IS_UNITDATA_0:7.request)." to "when data is being received by this PMA from the PMA sublayer above on all 8 transmit lanes (PMA:IS_UNITDATA_0:7.request) ? Proposed Response Response Status O PROPOSED REJECT. The definition of SIGNAL_OK is clear and accurate as written. The proposed change does not improve the technical clarity or accuracy of the text in the consideration of the CRG.														
													0		C/ 173	SC 173.5.8.3	P 242	L18	# 53
											C/ 173 SC 173.5.5		L 2	# 51	Dawe, Piers	;	Nvidia		
Dawe, Piers	Nvidia			Comment Ty	vpe E	Comment Status X													
comment Type T	Comment Status X			Name th	nis feature by its fa	miliar name so readers c	an find it.												
If an output lane's clo	ock is derived from its correspo	onding input, it's	not independent.	SuggestedR	Remedy														
SuggestedRemedy						ne or more output lanes													
As this is only an example, changing "independent" to "separate" or "its own" would be enough to fix it					Same in next subclause Proposed Response Response Status O														
Proposed Response	Response Status 0			•	SED REJECT.														
	not apply to the substantive ch atisfied negative comments from			The tern defined The pro	n "disabling" is suf elsewhere in the b	nge does not improve the													
				C/ 173	SC 173.5.8.3	P 242	L19	# 54											
				Dawe, Piers	;	Nvidia													
				Comment Ty Two dur		Comment Status X	9.												
				SuggestedR															
					em hot links														
				Proposed R	esponse F	Response Status O													
				The refe This is r	not critical to addre	nd Figure 173–4 should b ss at this time and can be liged to resubmit this com	e addressed in S	A Ballot.											

COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SC 173.5.8.3 SORT ORDER: Clause, Subclause, page, line

C/ 173	SC 173.7.7	P 248	L37	# 55
Dawe, Pie	ers	Nvidia		
Comment	Туре Е	Comment Status X		
separ		ilities aren't in the major option A local loopback" and "PMA ".		
Suggestee Comb	dRemedy ine the two pairs	3		
Proposed	Response	Response Status 0		
This c and D		ot apply to the substantive ch sfied negative comments fro		

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