IEEE P802.3df D3.2	2nd Sponsor	recirculation	ballot comments
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C/ 45 SC 45.2.	5.15 P79	L <b>4</b>	# R2-15	C/ 124	SC 124.7.1	P112	L 40	# R2-2
Dawe, Piers J G	NVIDIA	- •		Dudek, Mich		Marvell	- ••	
Comment Type E	Comment Status X			Comment Ty		Comment Status X		
Putting "bit" on a ne				,	•	e draft and also the .pdf ver	sion of the compa	are draft the axis
SuggestedRemedy						2a is unreadable. It was co		
	e figure title should be full width	Same issue on r	ext page	SuggestedR	emedy			
	0		ieki page.	Replace	this figure with	the one from draft 3.1		
Proposed Response	Response Status <b>O</b>			Proposed Re	esponse	Response Status 0		
C/ 124 SC 124.7	<i>P</i> 110	L <b>22</b>	# R2-5					
Dawe, Piers J G	NVIDIA			C/ <b>124</b>	SC 124.7.2	P <b>114</b>	L <b>46</b>	# R2-3
Comment Type E	Comment Status X			Dawe, Piers	JG	NVIDIA		
	ely offset to the right. This mig ple tables in Clause 124.	ht be related to the	e formatting in the base	Comment Ty For 4000	<i>pe <b>E</b> GBASE-DR</i>	Comment Status X		
SuggestedRemedy		h. Same issue on	next page.	SuggestedR For 4000	e <i>medy</i> GBASE-DR4			
The text box for the	e figure titles should be full widt							
	e figure titles should be full widt Response Status <b>O</b>			Proposed Re	esponse	Response Status O		
Proposed Response	Response Status O	L 49	# <u>R</u> 2-7	Proposed Re  Cl <b>124</b>	esponse SC <b>124.7.2</b>	Response Status 0 P114	L <b>46</b>	# <u>R</u> 2-4
Proposed Response	Response Status O		# <mark>R2-7</mark>		SC 124.7.2	,	L 46	# <mark>R2-4</mark>
Proposed Response Cl <b>124</b> SC <b>124.7</b> Dawe, Piers J G	Response Status <b>O</b>		# <u>R2-7</u>	C/ 124	SC <b>124.7.2</b> J G	P114	L <b>46</b>	# <mark>R2-4</mark>
Proposed Response Cl <b>124</b> SC <b>124.7</b> Dawe, Piers J G Comment Type <b>E</b>	Response Status O 7.1 P111 NVIDIA		# <u>R2-7</u>	Cl <b>124</b> Dawe, Piers Comment Ty	SC <b>124.7.2</b> JG pe E	P <b>114</b> NVIDIA		
Proposed Response Cl <b>124</b> SC <b>124.7</b> Dawe, Piers J G Comment Type <b>E</b> Bottom border of a	Response Status O 7.1 P111 NVIDIA Comment Status X		# <u>R2-7</u>	C/ <b>124</b> Dawe, Piers <i>Comment Ty</i> "For 400	SC <b>124.7.2</b> JG pe E	P114 NVIDIA Comment Status X		L
Proposed Response Cl <b>124</b> SC <b>124.7</b> Dawe, Piers J G Comment Type <b>E</b> Bottom border of a	Response Status O 7.1 P111 NVIDIA Comment Status X		# <u>R2-7</u>	C/ <b>124</b> Dawe, Piers <i>Comment Ty</i> "For 400	SC 124.7.2 J G pe E GBASE-DR re e not optional.	P114 NVIDIA Comment Status X		
Proposed Response Cl <b>124</b> SC <b>124.7</b> Dawe, Piers J G Comment Type <b>E</b> Bottom border of a SuggestedRemedy	Response Status O 7.1 P111 NVIDIA Comment Status X		# <u>R2-7</u>	Cl <b>124</b> Dawe, Piers Comment Ty "For 400 lanes are SuggestedR	SC 124.7.2 J G ppe E GBASE-DR re e not optional. emedy	P114 NVIDIA Comment Status X	r), each lane (max	<ul> <li>is optional" but the</li> </ul>

C/ 124 SC 124.7.2

### IEEE P802.3df D3.2 2nd Sponsor recirculation ballot comments

C/ 124 SC 124.7.2	P <b>115</b>	L <b>9</b>	# R2-10	C/ 171 SC	C 171.6.1	P 200	L35	# R2-6
Dawe, Piers J G	NVIDIA			Dawe, Piers J G	3	NVIDIA		
Comment Type E	Comment Status X			Comment Type	Е	Comment Status X		
Font or character prob	em, axes values and labels					172.2.6.2.2 and +" could I em would go on a separate		this were a formal
Fix. Also Figure 124-2	c and 2d			SuggestedReme	edy			
Proposed Response	Response Status <b>O</b>			Insert a com	nma after 172	2.2.6.2.2. Also in 172.2.4.6.		
roposed Nesponse	Response Status 0			Proposed Respo	onse	Response Status 0		
C/ 169 SC 169.1.2	P176	L <b>36</b>	# R2-17					
Dawe, Piers J G	NVIDIA				C 172.2.4.1	P <b>219</b>	L10	# R2-22
Comment Type TR	Comment Status X			Dawe, Piers J G	6	NVIDIA		
,	stack in the first figure of each ach sublayer clause in its over			Comment Type Figure 119-		Comment Status X SE-R Transmit bit ordering a	nd distribution,	is not consistent.
	ives the reader a familiar map 1, 82-1, 83-1, 91-1, for exampl or 50G.	•			d be a box w	ith tx_scrambled_am in it as		

This consistency should be maintained unless changed through the maintenance process. There are few exceptions: when 116, 117, 118, 119 and 120 for 200 Gb/s and 400 Gb/s were written, the first wave of PHYs had no AN, and 3ck did not add them to these diagrams, although AN is included in Figure 161-1 (RS-FEC-Int).

### SuggestedRemedy

Add the missing AN sublayer to Figure 169-1 (introduction to 800 Gb/s), like 80, 105, 131. It may be advisable to revert "800GBASE" to "800GBASE-R" for consistency; any future project with a non-BASE-R 800G PHY may choose its own layer stack.

Add the missing AN sublayer to Figure 170-1 (RS and 800GMII), like 81, 106, 132. Add the missing AN sublayer to figures 171-1 and 3 (800GMII Extender and 800GXS) for consistency.

Add the missing AN sublayer to Figure 172-1 (PCS), like 82, 107, 133.

Add the missing AN sublayer to Figure 173-1 (PMA), like 83, 109, 134.

Either now or via maintenance, (maybe to be implemented in 3dj), insert the missing AN in figures 1 of 116, 117, 118, 119 and 120.

Proposed Response Response Status O

There should be a box with tx\_scrambled\_am in it as there is for tx\_xcoded and tx\_scrambled, with the two ends numbered and an arrow coming out of one end to "10-bit round robin distribution" so that the order is clear.

Proposed Response	Response Status	0
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C/ 172	SC 172.2.4.1	P <b>219</b>	L10	# R2-24
Dawe, Pie	ers J G	NVIDIA		
<b>A</b>	T TO	0		

Comment Type TR Comment Status X

Unsatisfied D3.1 comment 39: need examples to show some of the output from the PCS. Figure 119-11 implies that bit 0 (rather than 9) of a 10-bit symbol in a FEC codeword goes to the PMA first but there is no indication of what that means, and whether it corresponds to a bit 0 or a bit 9 of tx\_scrambled\_am.

### SuggestedRemedy

Define the bit ordering.

Proposed Response Response Status **O** 

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/ 172 SC 172.2.4.1 Page 2 of 5 12/13/2023 9:14:31 AM

C/ 172 SC 172.2.4.	1 P <b>219</b>	L10	# R2-23	C/ 172	SC 172.2.4.1	P <b>219</b>	L35	# R2-14
Dawe, Piers J G	NVIDIA			Dawe, Pie	ers J G	NVIDIA		
Comment Type <b>T</b>	Comment Status X			Comment	Туре Т	Comment Status X		
As this Figure 119-11	is called "Transmit bit ordering	g"				here is nothing about bit ord	ering in Figure 17	2-4. It's all by
SuggestedRemedy					nce to Figure 119	)-10.		
	bit round robin distribution" sho			Suggestee	-			
messages but to the	appropriate end to show which	way the FEC m	essages are filled.			"66-bit blocks" to show whic rom "800GBASE-R PCS trai		
Proposed Response	Response Status 0					Insmit distribution"	isinit bit ordening	
				Proposed	Response	Response Status W		
C/ 172 SC 172.2.4.	1 P219	L10	# R2-18					
Dawe, Piers J G	NVIDIA			C/ 172	SC 172.2.4.6	P <b>215</b>	L <b>28</b>	# R2-20
Comment Type T	Comment Status X			Dawe, Pie	ers J G	NVIDIA		
In Figure 119-11 400	GBASE-R Transmit bit ordering	g and distributior	n, c_A29 = m_A0	Comment		Comment Status X		
SuggestedRemedy					<i>71</i> <sup>2</sup> -	SE-R alignment marker map	ping to PCS lane	s. shows "A = from
This should say c_A3 and distribution.	0 = m_A0, as in Figure 119-10	) 200GBASE-R 1	ransmit bit ordering	FEC o	odeword A B = fr	om FEC codeword B". But to om the FEC codewords here	his is AM creatio	n, part of the Transm
Proposed Response	Response Status W			Suggested	Remedy			
	-			"from"	should be "to", to	wice.		
C/ 172 SC 172.2.4	1 P219	L10	# R2-19	Proposed	Response	Response Status W		
Dawe, Piers J G	NVIDIA							
Comment Type <b>T</b>	Comment Status X							
Figure 119-11, 400G	BASE-R Transmit bit ordering a	and distribution						
SuggestedRemedy								
	oped as another box under tx_s " (indicating the order).	scrambled, with a	an arrow indicating					
Proposed Response	Response Status W							

C/ 172 SC 172.2.4.6

# IEEE P802.3df D3.2 2nd Sponsor recirculation ballot comments

C/ 172	SC 172.2.4.8	P <b>218</b>	L <b>50</b>	# R2-13	Cl 172 SC	172.3.2	P 230	L13	# R2-1
Dawe, Pier	s J G	NVIDIA			Rannow, R K		IEEE meml	per / Self Employe	ed
Comment	Type TR	Comment Status X			Comment Type	т	Comment Status X		
It turns coming FEC at FEC - a For exa The mo (includ first tra	out that the order out of it is not sp ad what two FEC- and it's only inform ample, here is what assage symbols a ing a mapped grounscoded block in	ent 39: need examples to sh r of the bits in each 10-bit F recified in 119. The example coded codeword within the native. at Clause 91 says: the composed of the bits of t up of alignment markers wh the message (or am_txmap ock in the message is bit 9 of	EC symbol going es in 172A show FEC are, but not the transcoded b nen appropriate) oped<0>) is bit 0	g into the FEC and what is given to the what is just after the locks tx_scrambled such that bit 0 of the	create ambig 172.3.2 FEC the clarificatio 172.3.3 FEC 119.3.3 with flows. SuggestedRement	uity. _correcter on that the _uncorrec the clarific dy	term "both". Used as an a d_cw_counter FEC_correct e count includes both flows. ted_cw_counter FEC_uncc cation that the count include	ed_cw_counter is prrected_cw_coun es both	identical to 119.3.2 with
uggested	Remedy				Recommend	consister	ncy throughout to document	as an adverb.	
Define it.	the order the bits	in each 10-bit FEC symbol		-	Proposed Respo	nse	Response Status <b>O</b>		
		ne output of the FEC after 1 pring/numbering that the FE			C/ 172A SC	172A	P <b>287</b>	L <b>22</b>	# R2-9
roposed I	Response	Response Status W			Dawe, Piers J G		NVIDIA		
					Comment Type	-	Commont Status V		
						E	Comment Status X	so the reader can	find what
awe, Pier omment	Type <b>TR</b>	P 219 NVIDIA Comment Status X	L3	# R2-21	Another refer "am_mapped this amendm	ence wou d" and "tx_ ent anywl is no indio	Id make this easier to use, scrambled_am" at lines 29 here else, and while values cation of what it is).	, 30 are (am_map	ped does not appear in
Confus	s J G <i>Type</i> <b>TR</b> sfied D3.1 comme ion between tx_ou	NVIDIA Comment Status X ent 39: need examples to sh ut the 1088 x 10 array in 11	now some of the	output from the PCS.	Another refer "am_mapped this amendm tables, there SuggestedReme	rence wou I" and "tx_ ent anywl is no indio dy	Id make this easier to use, _scrambled_am" at lines 29 here else, and while values	, 30 are (am_map for tx_scrambled_	ped does not appear in
Dawe, Pier Comment Comment Confus Confus of the Confus	s J G Type <b>TR</b> sfied D3.1 comme ion between tx_ou 16 PCS lanes in F	NVIDIA Comment Status X ent 39: need examples to sh ut the 1088 x 10 array in 11	now some of the	output from the PCS.	Another refer "am_mapped this amendm tables, there SuggestedReme	rence wou d" and "tx_ ent anywl is no indio dy : (see 172	Id make this easier to use, _scrambled_am" at lines 29 here else, and while values cation of what it is).	, 30 are (am_map for tx_scrambled_	ped does not appear in
awe, Pier omment Unsatis Confus of the uggested	s J G Type <b>TR</b> sfied D3.1 comme ion between tx_ou 16 PCS lanes in F Remedy	NVIDIA Comment Status X ent 39: need examples to sh ut the 1088 x 10 array in 11 igure 119-11.	ow some of the 9.2.4.7 and tx_o	output from the PCS. ut<0:16> the contents	Another refer "am_mapped this amendm tables, there SuggestedRemed Please insert	rence wou d" and "tx_ ent anywl is no indio dy : (see 172	Id make this easier to use, scrambled_am" at lines 29 here else, and while values cation of what it is). .2.4.6) after alignment mark	, 30 are (am_map for tx_scrambled_	ped does not appear in
awe, Pier omment Unsatis Confus of the uggested As the	rs J G <i>Type</i> <b>TR</b> sfied D3.1 comme ion between tx_ou 16 PCS lanes in F <i>Remedy</i> se seem to be diffe	NVIDIA Comment Status X ent 39: need examples to sh ut the 1088 x 10 array in 11 igure 119-11.	ow some of the 9.2.4.7 and tx_o	output from the PCS. ut<0:16> the contents	Another refer "am_mapped this amendm tables, there SuggestedRemed Please insert Proposed Respon	rence wou d" and "tx_ ent anywl is no indio dy : (see 172	Id make this easier to use, scrambled_am" at lines 29 here else, and while values cation of what it is). .2.4.6) after alignment mark	, 30 are (am_map for tx_scrambled_	ped does not appear in
Pawe, Pier comment Unsatis Confus of the uggested As the	s J G Type <b>TR</b> sfied D3.1 comme ion between tx_ou 16 PCS lanes in F Remedy	NVIDIA Comment Status X ent 39: need examples to sh ut the 1088 x 10 array in 11 igure 119-11.	ow some of the 9.2.4.7 and tx_o	output from the PCS. ut<0:16> the contents	Another refer "am_mapped this amendm tables, there SuggestedRemed Please insert Proposed Respon	rence wou I" and "tx_ ent anywl is no indio dy : (see 172 nse	Id make this easier to use, scrambled_am" at lines 29 here else, and while values cation of what it is). .2.4.6) after alignment mark <i>Response Status</i> <b>O</b>	, 30 are (am_map for tx_scrambled_ ker.	ped does not appear in _am are given in the
Dawe, Pier Comment Unsatis Confus of the Cuggested As the	rs J G <i>Type</i> <b>TR</b> sfied D3.1 comme ion between tx_ou 16 PCS lanes in F <i>Remedy</i> se seem to be diffe	NVIDIA Comment Status X ent 39: need examples to sh ut the 1088 x 10 array in 11 igure 119-11.	ow some of the 9.2.4.7 and tx_o	output from the PCS. ut<0:16> the contents	Another refer "am_mapped this amendm tables, there SuggestedRemed Please insert Proposed Respon	rence wou I" and "tx_ ent anywl is no indio dy : (see 172 nse	Id make this easier to use, scrambled_am" at lines 29 here else, and while values cation of what it is). .2.4.6) after alignment mark <i>Response Status</i> <b>O</b> <i>P</i> 287	, 30 are (am_map for tx_scrambled_ ker.	ped does not appear in _am are given in the
Dawe, Pier Comment Unsatis Confus of the Cuggested As the Proposed I	rs J G <i>Type</i> <b>TR</b> sfied D3.1 comme ion between tx_ou 16 PCS lanes in F <i>Remedy</i> se seem to be diffe	NVIDIA Comment Status X ent 39: need examples to sh ut the 1088 x 10 array in 11 igure 119-11. erent things, they should ha Response Status O	ow some of the 9.2.4.7 and tx_o	output from the PCS. ut<0:16> the contents	Another refer "am_mapped this amendm tables, there SuggestedRemen Please insert Proposed Respon Cl 172A SC Dawe, Piers J G Comment Type Unsatisfied D	rence wou y" and "tx_ ent anywl is no indic dy : (see 172 nse 172A TR 03.1 comr	Id make this easier to use, scrambled_am" at lines 29 here else, and while values cation of what it is). .2.4.6) after alignment mark <i>Response Status</i> <b>O</b> <i>P</i> <b>287</b> NVIDIA <i>Comment Status</i> <b>X</b> nent 39: need examples to	, 30 are (am_map for tx_scrambled_ ker. <b><i>L</i> 52</b> show some of the	# R2-12 output from the PCS.
Dawe, Pier Comment Unsatis Confus of the Cuggested As the Proposed I	rs J G <i>Type</i> <b>TR</b> sfied D3.1 comme ion between tx_ou 16 PCS lanes in F <i>Remedy</i> se seem to be different <i>Response</i>	NVIDIA Comment Status X ent 39: need examples to sh ut the 1088 x 10 array in 11 igure 119-11. erent things, they should ha Response Status O	how some of the 9.2.4.7 and tx_o ave different name L 22	output from the PCS. ut<0:16> the contents nes.	Another refer "am_mapped this amendm tables, there SuggestedRemed Please insert Proposed Respon C/ 172A SC Dawe, Piers J G Comment Type Unsatisfied D This says tha	rence wou y" and "tx_ ent anywl is no india dy : (see 172 nse 172A TR 03.1 comr at 10 bits of	Id make this easier to use, scrambled_am" at lines 29 here else, and while values cation of what it is). .2.4.6) after alignment mark <i>Response Status</i> <b>O</b> <i>P</i> <b>287</b> NVIDIA <i>Comment Status</i> <b>X</b> nent 39: need examples to of cx_A (in reverse order) is	, 30 are (am_map for tx_scrambled_ ker. <b><i>L</i> 52</b> show some of the one symbol of c_	# <u>R2-12</u> output from the PCS. A. It is not clear
awe, Pier omment Unsatis Confus of the uggested As the roposed I / 172 an, Adee omment	rype TR sfied D3.1 comme ion between tx_ou 16 PCS lanes in F Remedy se seem to be different Response SC 172.2.4.10 Type E	NVIDIA <i>Comment Status</i> <b>X</b> ent 39: need examples to sh ut the 1088 x 10 array in 11 igure 119-11. erent things, they should have <i>Response Status</i> <b>O</b> <i>P</i> <b>219</b> Cisco System <i>Comment Status</i> <b>X</b>	how some of the 9.2.4.7 and tx_o ave different name <i>L</i> 22 hs, Inc.	output from the PCS. ut<0:16> the contents nes.	Another refer "am_mapped this amendm tables, there SuggestedRemen Please insert Proposed Respon Cl 172A SC Dawe, Piers J G Comment Type Unsatisfied D This says tha whether the r	rence wou " and "tx_ ent anywl is no india dy : (see 172 nse 172A TR 03.1 comr at 10 bits of reverse or	Id make this easier to use, scrambled_am" at lines 29 here else, and while values cation of what it is). .2.4.6) after alignment mark <i>Response Status</i> <b>O</b> <i>P</i> <b>287</b> NVIDIA <i>Comment Status</i> <b>X</b> nent 39: need examples to	, 30 are (am_map for tx_scrambled_ ker. <i>L</i> 52 show some of the one symbol of c_ everse the order,	# <u>R2-12</u> output from the PCS. A. It is not clear or it is just weird
Pawe, Pier omment Unsatis Confus of the uggested As the roposed I 1 172 tan, Adee omment	rs J G <i>Type</i> <b>TR</b> sfied D3.1 comme ion between tx_ou 16 PCS lanes in F <i>Remedy</i> se seem to be different <i>Response</i> <i>SC</i> <b>172.2.4.10</b> <i>Type</i> <b>E</b> pel "tx_coded<0>"	NVIDIA <i>Comment Status</i> <b>X</b> ent 39: need examples to sh ut the 1088 x 10 array in 11 igure 119-11. erent things, they should have <i>Response Status</i> <b>O</b> <i>P</i> <b>219</b> Cisco System	how some of the 9.2.4.7 and tx_o ave different name <i>L</i> 22 hs, Inc.	output from the PCS. ut<0:16> the contents nes.	Another refer "am_mapped this amendm tables, there SuggestedRemen Please insert Proposed Respon Cl 172A SC Dawe, Piers J G Comment Type Unsatisfied D This says tha whether the r	rence wou y" and "tx_ ent anywl is no indic dy : (see 172 nse 172A TR 03.1 comr at 10 bits of reverse or to the order	Id make this easier to use, scrambled_am" at lines 29 here else, and while values cation of what it is). 2.4.6) after alignment mark <i>Response Status</i> <b>O</b> <i>P</i> <b>287</b> NVIDIA <i>Comment Status</i> <b>X</b> nent 39: need examples to of cx_A (in reverse order) is der is telling the reader to re-	, 30 are (am_map for tx_scrambled_ ker. <i>L</i> 52 show some of the one symbol of c_ everse the order,	# <u>R2-12</u> output from the PCS. A. It is not clear or it is just weird
Dawe, Pier Comment Unsatis Confus of the Cuggested As the Proposed I Composed I Comment Comment The lat	rs J G <i>Type</i> <b>TR</b> sfied D3.1 comme ion between tx_ou 16 PCS lanes in F <i>Remedy</i> se seem to be different <i>Response</i> <i>SC</i> <b>172.2.4.10</b> <i>Type</i> <b>E</b> pel "tx_coded<0>" <i>Remedy</i>	NVIDIA <i>Comment Status</i> <b>X</b> ent 39: need examples to sh ut the 1088 x 10 array in 11 igure 119-11. erent things, they should have <i>Response Status</i> <b>O</b> <i>P</i> <b>219</b> Cisco System <i>Comment Status</i> <b>X</b> on the left overlaps the blo	how some of the 9.2.4.7 and tx_o ave different name <i>L</i> 22 hs, Inc.	output from the PCS. ut<0:16> the contents nes.	Another refer "am_mapped this amendm tables, there SuggestedRemed Please insert Proposed Respon Cl 172A SC Dawe, Piers J G Comment Type Unsatisfied D This says tha whether the r notation. Als SuggestedRemed	rence wou " and "tx_ ent anywl is no india dy : (see 172 nse 172A TR 03.1 comr at 10 bits of reverse or so the order dy	Id make this easier to use, scrambled_am" at lines 29 here else, and while values cation of what it is). 2.4.6) after alignment mark <i>Response Status</i> <b>O</b> <i>P</i> <b>287</b> NVIDIA <i>Comment Status</i> <b>X</b> nent 39: need examples to of cx_A (in reverse order) is der is telling the reader to re-	, 30 are (am_map for tx_scrambled_ ker. <i>L</i> 52 show some of the one symbol of c_ everse the order,	# <u>R2-12</u> output from the PCS. A. It is not clear or it is just weird
Dawe, Pier Comment Confus of the Confus of the Confus Suggested As the Proposed I Confus Conf	rs J G <i>Type</i> <b>TR</b> sfied D3.1 comme ion between tx_ou 16 PCS lanes in F <i>Remedy</i> se seem to be different <i>Response</i> <i>SC</i> <b>172.2.4.10</b> <i>Type</i> <b>E</b> pel "tx_coded<0>" <i>Remedy</i>	NVIDIA <i>Comment Status</i> <b>X</b> ent 39: need examples to sh ut the 1088 x 10 array in 11 igure 119-11. erent things, they should have <i>Response Status</i> <b>O</b> <i>P</i> <b>219</b> Cisco System <i>Comment Status</i> <b>X</b>	how some of the 9.2.4.7 and tx_o ave different name <i>L</i> 22 hs, Inc.	output from the PCS. ut<0:16> the contents nes.	Another refer "am_mapped this amendm tables, there SuggestedRemed Please insert Proposed Respon Cl 172A SC Dawe, Piers J G Comment Type Unsatisfied D This says tha whether the r notation. Als SuggestedRemed	rence wou d" and "tx_ ent anywl is no india dy : (see 172 nse 172A TR 03.1 comr at 10 bits of reverse or to the orded dy it and syn	Id make this easier to use, scrambled_am" at lines 29 here else, and while values cation of what it is). .2.4.6) after alignment mark <i>Response Status</i> <b>O</b> <i>P</i> <b>287</b> <i>NVIDIA</i> <i>Comment Status</i> <b>X</b> hent 39: need examples to of cx_A (in reverse order) is der is telling the reader to re- er of the bits in a symbol of	, 30 are (am_map for tx_scrambled_ ker. <i>L</i> 52 show some of the one symbol of c_ everse the order,	# R2-12 where the product of the pro

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/generalC/172APage 4 of 5COMMENT STATUS: D/dispatched A/accepted R/rejectedRESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawnSC172A12/13/2023 9:14:31 AM

SORT ORDER: Clause, Subclause, page, line

# IEEE P802.3df D3.2 2nd Sponsor recirculation ballot comments

C/ 172A	SC 172A	P 288	L19	# R2-8
Dawe, Pier	rs J G	NVIDIA		
Comment 7	Туре Е	Comment Status X		
tx_scra	ambled			
Suggested	Remedy			
differer	nt things. Also	ed_am as in the column head for Table 172A-2. me, by the way, and should be	Ū.	
Proposed I	Response	Response Status O		
C/ 172A	SC 172A	P292	L 28	# R2-11
Dawe, Pier	rs J G	NVIDIA		
Comment 1		Comment Status X		
		nbering/ordering in the PCS g	enerally and in tr	ie FEC (which is
differer S <i>uggested</i> Add a t	nt) is confusing <i>Remedy</i> table here for th	he start of Flow 0 tx_out (16 la d a plain text file to go with the	ines x 80 hex cha	aracters would be more
differer Suggested Add a t than er	nt) is confusing <i>Remedy</i> table here for th nough). Upload	, as was recognised in 3bs. ne start of Flow 0 tx_out (16 la	ines x 80 hex cha	aracters would be more
differer Suggested Add a t than er here.	nt) is confusing <i>Remedy</i> table here for th nough). Upload	, as was recognised in 3bs. he start of Flow 0 tx_out (16 la d a plain text file to go with the <i>Response Status</i> <b>O</b>	ines x 80 hex cha	aracters would be more
differer Suggested Add a t than er here. Proposed F	nt) is confusing Remedy table here for th nough). Upload Response SC 173.5.2.	, as was recognised in 3bs. he start of Flow 0 tx_out (16 la d a plain text file to go with the <i>Response Status</i> <b>O</b>	anes x 80 hex cha e others, and refe	aracters would be more rence it with a NOTE
differer Suggested Add a t than er here. Proposed F C/ 173 Dawe, Pier Comment T	nt) is confusing Remedy table here for th nough). Upload Response SC 173.5.2. rs J G Type <b>T</b> R	, as was recognised in 3bs. he start of Flow 0 tx_out (16 la d a plain text file to go with the <i>Response Status</i> <b>0</b> <b>1</b> <i>P</i> <b>241</b>	anes x 80 hex cha e others, and refe <i>L</i> 28	aracters would be more rence it with a NOTE # <u>R2-16</u>
differer Suggested Add a t than er here. Proposed F C/ 173 Dawe, Pier Comment T	nt) is confusing Remedy table here for th nough). Upload Response SC 173.5.2. rs J G Type TR sfied D3.1 com	, as was recognised in 3bs. he start of Flow 0 tx_out (16 la d a plain text file to go with the <i>Response Status</i> <b>O</b> <b>1</b> <i>P</i> <b>241</b> NVIDIA <i>Comment Status</i> <b>X</b>	anes x 80 hex cha e others, and refe <i>L</i> 28	aracters would be more rence it with a NOTE # <u>R2-16</u>
differer Suggested Add a t than er here. Proposed P Cl 173 Dawe, Pier Comment T Unsatis Suggested In a NC examp	nt) is confusing Remedy table here for the nough). Upload Response SC 173.5.2. rs J G Type TR sfied D3.1 com Remedy DTE, show som le in Annex 172	, as was recognised in 3bs. he start of Flow 0 tx_out (16 la d a plain text file to go with the <i>Response Status</i> <b>O</b> <b>1</b> <i>P</i> <b>241</b> NVIDIA <i>Comment Status</i> <b>X</b>	L 28 L 28 Lane output of ar S bit mux for the	# <u>R2-16</u> # 32:8 bit mux.
differer Suggested Add a t than er here. Proposed P Cl 173 Dawe, Pier Comment T Unsatis Suggested In a NC examp	nt) is confusing Remedy table here for th nough). Upload Response SC 173.5.2. rs J G Type TR sfied D3.1 com Remedy DTE, show som le in Annex 172 ice to 172A. In	, as was recognised in 3bs. he start of Flow 0 tx_out (16 la d a plain text file to go with the <i>Response Status</i> <b>0</b> <b>1</b> <i>P</i> <b>241</b> NVIDIA <i>Comment Status</i> <b>X</b> ment 39: show some of the 8- he of the 8-lane output of a 32 2A. 8 lanes x 80 hex characte	L 28 L 28 Lane output of ar S bit mux for the	# <u>R2-16</u> # 32:8 bit mux.

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