C/ 00 SC 0	P <b>1</b>	L <b>24</b>	# 1	C/ 99 SC	P <b>4</b>	L 19	# 3
Anslow, Pete	Ciena			Anslow, Pete	Ciena		
Comment Type E	Comment Status X			Comment Type E	Comment Status X		
rather than IEEE Std The headers in the d	dment to IEEE Std 802.3-2013 802.3-2012. raft incorrectly say "Draft Ame are missing the "P" from "P80	ndment to IEEE \$	Std 802.3-2012"	amendment is publi The summary of oth IEEE Std 802.3bw-2	2013 is expected to be supersus shed, so remove the 802.3bk her amendments that are likely 201x) should be added here. hat this amendment includes s	summary. y to be published b	pefore 802.3br (at leas
SuggestedRemedy				SuggestedRemedy			
"IEEE 802.3br Intersp "IEEE P802.3br Inter This can be done by and even page heade the left hand pane hig	aders to say "Draft Amendmer persing Express Traffic Task F spersing Express Traffic Task changing the base_year varia ers in one of the files file to sa ghlight all of the other files in t s, Deselect All, Page layouts, I	Force" to: Force". ble in each file ar y "P802.3br", the he book (including	nd by changing the odd n with that file open, in	least IEEE Std 802. Change: "IEEE Std	f other amendments that are l 3bw-201x). 802.3xxTM-201x" to "IEEE St adment includes [complete]" v ent.	d 802.3brTM-201x	
Proposed Response	Response Status <b>O</b>			Proposed Response	Response Status <b>O</b>		
				C/ 99 SC	P 6	L 13	# 4
C/00 SC 0	P 10	L <b>54</b>	# 2	Anslow, Pete	Ciena		
	Ciena			Comment Type E	Comment Status X		
Anslow, Pete Comment Type E	Ciena <i>Comment Status</i> <b>X</b> ear shown in the TOC and Cla	use 30			Comment Status X sk Force name" should be "IE	EE P802.3br Inters	spersing Express
Anslow, Pete Comment Type E Incorrect copyright ye	Comment Status X	use 30		"IEEE P802.3br Tas		EE P802.3br Inters	spersing Express
Anslow, Pete Comment Type E Incorrect copyright ye SuggestedRemedy change the copyright	Comment Status X ear shown in the TOC and Cla t_year variable in the TOC and		o "2015"	"IEEE P802.3br Tas Traffic" SuggestedRemedy	sk Force name" should be "IE 02.3br Task Force name" to "II		
Anslow, Pete Comment Type E Incorrect copyright ye SuggestedRemedy change the copyright	Comment Status X ear shown in the TOC and Cla		o "2015"	"IEEE P802.3br Tas Traffic" SuggestedRemedy Change ""IEEE P80	sk Force name" should be "IE 02.3br Task Force name" to "II		
Anslow, Pete Comment Type E Incorrect copyright ye SuggestedRemedy change the copyright	Comment Status X ear shown in the TOC and Cla t_year variable in the TOC and		o "2015"	"IEEE P802.3br Tas Traffic" SuggestedRemedy Change ""IEEE P80 Traffic" (2 instances	sk Force name" should be "IE 02.3br Task Force name" to "II s)		
Anslow, Pete Comment Type E Incorrect copyright ye SuggestedRemedy change the copyright	Comment Status X ear shown in the TOC and Cla t_year variable in the TOC and		o "2015"	"IEEE P802.3br Tas Traffic" SuggestedRemedy Change ""IEEE P80 Traffic" (2 instances Proposed Response	sk Force name" should be "IE 02.3br Task Force name" to "II s) <i>Response Status</i> <b>O</b>	EEE P802.3br Inte	erspersing Express
Anslow, Pete Comment Type E Incorrect copyright ye SuggestedRemedy change the copyright	Comment Status X ear shown in the TOC and Cla t_year variable in the TOC and		o "2015"	"IEEE P802.3br Tas Traffic" SuggestedRemedy Change ""IEEE P80 Traffic" (2 instances Proposed Response	sk Force name" should be "IE 02.3br Task Force name" to "II s) <i>Response Status</i> <b>O</b> <i>P</i> <b>13</b>	EEE P802.3br Inte	erspersing Express
Anslow, Pete Comment Type E Incorrect copyright ye SuggestedRemedy change the copyright	Comment Status X ear shown in the TOC and Cla t_year variable in the TOC and		o "2015"	"IEEE P802.3br Tas Traffic" SuggestedRemedy Change ""IEEE P80 Traffic" (2 instances Proposed Response C/ 99 SC Anslow, Pete Comment Type E The editor's note rei	sk Force name" should be "IE )2.3br Task Force name" to "II s) <i>Response Status</i> <b>O</b> <i>P</i> <b>13</b> Ciena	EEE P802.3br Inte	# <u>5</u>
Anslow, Pete Comment Type E Incorrect copyright ye SuggestedRemedy change the copyright	Comment Status X ear shown in the TOC and Cla t_year variable in the TOC and		o "2015"	"IEEE P802.3br Tas Traffic" SuggestedRemedy Change ""IEEE P80 Traffic" (2 instances Proposed Response C/ 99 SC Anslow, Pete Comment Type E The editor's note rei	sk Force name" should be "IE 22.3br Task Force name" to "II 3) <i>Response Status</i> <b>O</b> <i>P</i> <b>13</b> Ciena <i>Comment Status</i> <b>X</b> fers to "IEEE P802.3bj and IE	EEE P802.3br Inte	# <u>5</u>
Anslow, Pete Comment Type E Incorrect copyright ye SuggestedRemedy	Comment Status X ear shown in the TOC and Cla t_year variable in the TOC and		o "2015"	"IEEE P802.3br Tas Traffic" SuggestedRemedy Change ""IEEE P80 Traffic" (2 instances Proposed Response C/ 99 SC Anslow, Pete Comment Type E The editor's note rei superseded amendi SuggestedRemedy Change: "(e.g., IEEE P802.3	sk Force name" should be "IE 22.3br Task Force name" to "II 3) <i>Response Status</i> <b>O</b> <i>P</i> <b>13</b> Ciena <i>Comment Status</i> <b>X</b> fers to "IEEE P802.3bj and IE	EEE P802.3br Inte	# <u>5</u>

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: Comment ID

C/ 01 SC 1.4 Anslow, Pete	<i>P</i> 14 Ciena	L 15	# 6	C/ 30 SC 30.12.1.1.1 Anslow, Pete	P <b>18</b> Ciena	L <b>28</b>	# 9
Change the editing instr SuggestedRemedy Change: "1.4.1 express Media Ao "1.4.197a express Media	Comment Status X as to where in 1.4 the varior uction accordingly. ccess Control (eMAC):" to a Access Control (eMAC): c:" to "1.4.2 express traffic	: "	is should be inserted.	Comment Type E Headings for 30.12, 30.12 SuggestedRemedy Add the headings for 30.4 Proposed Response			
etc. Replace the single editir alphanumerical order:" v	ng instruction: "Insert the fol	lowing new defir		Cl 30 SC 30.12.2.1.30 Anslow, Pete Comment Type E The heading for 30.12.2.1 SuggestedRemedy Add the heading for 30.12	Ciena <i>Comment Status</i> X I is missing	L2	# [ <u>10</u>
C/ <b>30</b> SC <b>30.2.2.1</b>	P <b>15</b> Ciena	L <b>3</b>	# 7	Proposed Response	Response Status <b>O</b>		
Comment Type E The intermediate headir SuggestedRemedy Add headings for 3.2 an Proposed Response	Comment Status X ngs between "30" and 30.2.2 nd 30.2.2 Response Status O	2.1" should be sh	iown.	Cl 30 SC 30.12.2.1.30 Anslow, Pete Comment Type E 30.12.2.1.30 is already pu SuggestedRemedy Change the editing instru	Ciena <i>Comment Status</i> <b>X</b> resent in the base standard.	L <b>4</b>	# [ <u>11</u>
Cl 30 SC 30.2.5 Anslow, Pete Comment Type E Spurious "]" in heading SuggestedRemedy Change "]Capabilities" t	P 15 Ciena Comment Status X	L 36	# 8	"Insert 30.12.2.1.34 throu Renumber 30.12.2.1.30 t	igh 30.12.2.1.37 after 30.12 hrough 30.12.2.1.33 to be 3 <i>Response Status</i> <b>O</b>		
Proposed Response	Response Status <b>O</b>						

C/ 30 SC 30.12.3.1.24 P 19 L 44 # 12 Anslow, Pete Ciena	C/ 30         SC 30.14         P 20         L 29         # 15           Anslow, Pete         Ciena
Comment Type E Comment Status X The heading for 30.12.3.1 is missing	Comment Type E Comment Status X The editing instruction should be more explicit
SuggestedRemedy Add the heading for 30.12.3.1	SuggestedRemedy Change to: "Insert 30.14 after 30.13 as follows:"
Proposed Response Response Status O	Proposed Response Response Status O
C/ 79 SC 79.4.2 P 24 L 53 # 13	C/         79         SC         79.3.6         P 24         L 18         # 16           Anslow, Pete         Ciena
Comment Type E Comment Status X	Comment Type E Comment Status X
Space missing in editing instruction.	79.3.6 is already present in the base standard. Figure 79-6 is already present in the base standard.
SuggestedRemedy	
Space missing in editing instruction. SuggestedRemedy Change "Table 79–9and Table 79–10" to "Table 79–9 and Table 79–10" Proposed Response Response Status <b>O</b>	Figure 79-6 is already present in the base standard.
SuggestedRemedy Change "Table 79–9and Table 79–10" to "Table 79–9 and Table 79–10"	Figure 79-6 is already present in the base standard. SuggestedRemedy Change the new subclause from 79.3.6 to 79.3.7
SuggestedRemedy Change "Table 79–9and Table 79–10" to "Table 79–9 and Table 79–10" Proposed Response Response Status <b>O</b>	Figure 79-6 is already present in the base standard. <i>SuggestedRemedy</i> Change the new subclause from 79.3.6 to 79.3.7 Change Figure 79-6 to Figure 79-8
SuggestedRemedy         Change "Table 79–9and Table 79–10" to "Table 79–9 and Table 79–10"         Proposed Response       Response Status         O         St 30       SC 30.12.3.1.24         P 19       L 46         14	Figure 79-6 is already present in the base standard. <i>SuggestedRemedy</i> Change the new subclause from 79.3.6 to 79.3.7 Change Figure 79-6 to Figure 79-8 <i>Proposed Response</i> Response Status <b>O</b>
Change "Table 79–9and Table 79–10" to "Table 79–9 and Table 79–10" Proposed Response Response Status O C/ 30 SC 30.12.3.1.24 P 19 L 46 # 14 Inslow, Pete Ciena	Figure 79-6 is already present in the base standard. <i>SuggestedRemedy</i> Change the new subclause from 79.3.6 to 79.3.7 Change Figure 79-6 to Figure 79-8 <i>Proposed Response</i> Response Status <b>O</b>
SuggestedRemedy         Change "Table 79–9and Table 79–10" to "Table 79–9 and Table 79–10"         Proposed Response       Response Status         C/ 30       SC 30.12.3.1.24       P 19       L 46       # 14         Anslow, Pete       Ciena       Ciena       Ciena	Figure 79-6 is already present in the base standard.         SuggestedRemedy         Change the new subclause from 79.3.6 to 79.3.7         Change Figure 79-6 to Figure 79-8         Proposed Response         Response Status         O         Cl 79       SC 79.3.6.1         P 25       L 14         T
SuggestedRemedy         Change "Table 79–9and Table 79–10" to "Table 79–9 and Table 79–10"         Proposed Response       Response Status         O         C/ 30       SC 30.12.3.1.24       P 19       L 46       # 14         Anslow, Pete       Ciena         Comment Type       E       Comment Status       X	Figure 79-6 is already present in the base standard.         SuggestedRemedy         Change the new subclause from 79.3.6 to 79.3.7         Change Figure 79-6 to Figure 79-8         Proposed Response       Response Status         C/ 79       SC 79.3.6.1       P 25       L 14       # 17         Anslow, Pete       Ciena
SuggestedRemedy         Change "Table 79–9and Table 79–10" to "Table 79–9 and Table 79–10"         Proposed Response       Response Status         Cl 30       SC 30.12.3.1.24       P 19       L 46       # 14         Anslow, Pete       Ciena       Comment Type       E       Comment Status       X         30.12.3.1.24 is already present in the base standard.       SuggestedRemedy       Change the editing instruction to:       SuggestedRemedy	Figure 79-6 is already present in the base standard.         SuggestedRemedy         Change the new subclause from 79.3.6 to 79.3.7         Change Figure 79-6 to Figure 79-8         Proposed Response         Response Status         O         Cl 79       SC 79.3.6.1         P 25       L 14         Anslow, Pete       Ciena         Comment Type       E         Comment Status       X         The IEEE style manual contains:         "Ranges should repeat the unit (e.g., 115 V to 125 V). Dashes should never be used
SuggestedRemedy         Change "Table 79–9and Table 79–10" to "Table 79–9 and Table 79–10"         Proposed Response       Response Status         C/ 30       SC 30.12.3.1.24       P 19       L 46       # 14         Anslow, Pete       Ciena       Comment Type       E       Comment Status       X       30.12.3.1.24 is already present in the base standard.       SuggestedRemedy         Change the editing instruction to:       "Insert 30.12.3.1.28 through 30.12.3.1.31 after 30.12.3.1.27 as follows:"       The second status is a status in the second status in the second status is a status in the second status in the second status is a status in the second s	Figure 79-6 is already present in the base standard.         SuggestedRemedy         Change the new subclause from 79.3.6 to 79.3.7         Change Figure 79-6 to Figure 79-8         Proposed Response         Response Status         O         Cl 79       SC 79.3.6.1         P 25       L 14         Anslow, Pete       Ciena         Comment Type       E         Comment Type       E         Comment Status       X         The IEEE style manual contains:       "Ranges should repeat the unit (e.g., 115 V to 125 V). Dashes should never be use because they can be misconstrued as subtraction signs."

C/ <b>99</b> SC <b>99</b> Anslow, Pete	P <b>29</b> Ciena	L 1	# 18	C/         99         SC         99.5.2.2         P 47         L 34           Anslow, Pete         Ciena	# 21
Comment Type E Editing instruction say there are no new ann SuggestedRemedy	Comment Status X ys: "Insert new clauses and co exes.	prresponding ann	exes as follows:" but	Comment Type E Comment Status X "IEEE Std 802.3br-2015" should be "IEEE Std 802.3br-201x" (2 instances) SuggestedRemedy Change the PICS year variable in the clause 99 file from "2015" to "201x"	
Change to "Insert nev	w clause as follows:"			5	
Proposed Response	Response Status O			Proposed Response Response Status O	
C/ 99 SC 99.1 Anslow, Pete	P <b>30</b> Ciena	L 6	# 19	C/         30         SC         30.12.1.1.1         P 18         L 30           Anslow, Pete         Ciena	# 22
Comment Type E Figure 99-1 needs cle	Comment Status X			Comment Type ER Comment Status X The editing instruction should be more explicit. The format and text of 30.12.1.1.1 in the base standard (P802.3bx D3.0) is as the unmodified text shown here.	s not the same
SuggestedRemedy				SuggestedRemedy	
preemption".	dotted line that crosses the e	nd of "MAC CLIE	INI supporting	Change editing instruction to:	
Shrink the curly brack	ket labelled "PHY" to start at th	ne top of the PCS	S layer.	"Change 30.12.1.1.1 as follows:"	
Proposed Response	Response Status <b>O</b>			Start with the text of this subclause from the base standard (P802.3bx D3. In the first paragraph show "6 bits" being changed to "7 bits". Show the second paragraph in strikethrough font followed by the new vers font.	,
C/ 99 SC 99.5 Anslow, Pete	P <b>47</b> Ciena	L 6	# 20	Proposed Response Response Status <b>O</b>	
Comment Type E "clause title" should b	Comment Status X be "MAC Merge sublayer"			C/ 30 SC 30.14.1.2 P21 L10	# 23
SuggestedRemedy				Anslow, Pete Ciena	
-	to "MAC Merge sublayer"			Comment Type T Comment Status X Issue in editor's note should be resolved	
Proposed Response	Response Status O				
				SuggestedRemedy Resolve the issue and remove the editor's note.	
				Proposed Response Response Status <b>O</b>	

<i>Cl</i> <b>79</b> Anslow, Pe	SC <b>79.3</b> te	P <b>24</b> Ciena	L <b>7</b>	# 24	<i>Cl</i> <b>99</b> Beaudoin,	SC 99.4.7.7 Denis	P <b>43</b> Texas Instru	L 6 ments	# 27
Comment 7 The ed modific The ne	<i>Type</i> <b>T</b> iting instruction ation to the res w subtype num	Comment Status X does not say where the new re erved row should be explicit. ber should not be TBD.	ow should be i	nserted and the	Comment It woul Suggested	<i>Type</i> <b>E</b> d be nice to give	Comment Status X e a definition of UCT, even if		ne other relevant doc.
"Chang	e the editing ins	row in Table 79-1 and insert a	new row abov	e it as follows	Proposed	Response	Response Status <b>0</b>		
Àdd the to 255" style gu	e reserved row in underline fo uide).	to the table in the draft and sho ht. (numbers separated by a "-			C/ <b>99</b> Beaudoin,		P <b>43</b> Texas Instru	L 14 ments	# 28
In the r In Figu Proposed F	new row, chang re 79-6 change Response	"TBD" to "7" <i>Response Status</i> <b>0</b>			<i>Comment</i> Figure Transi	99-4	Comment Status X TX_VERIFY and TX_RESP	OND have an ex	tra * after eTx=FALSI
					Suggestea	<i>Remedy</i> /e extra * after e			
<i>Cl</i> <b>99</b> Anslow, Pe	SC <b>99</b> te	P <b>45</b> Ciena	L 38	# 25	Proposed		Response Status <b>O</b>		
All of th be resc Suggested	are several Edit nese issues sho olved prior to th <i>Remedy</i>	Comment Status X or's notes in Clause 99 discuss uld have been resolved prior to e draft being ready for Sponsor es and remove the editor's not	o WG ballot ar Ballot.			Type ER	P <b>43</b> Texas Instru <i>Comment Status</i> X START_PREAMBLE has th		# 29
Proposed F	Response	Response Status 0			Suggestea	Remedy	end_v=FALSE *'		
C/ <b>99</b> Beaudoin, I Comment 1		P <b>37</b> Texas Instrume Comment Status X	L <b>26</b> ents	# 26	Proposed		Response Status 0		
	ce structure iss D containing ar	ue: SMD-C an mPacket that cont	nues the data	for a preempted frame					
	Ŭ								
Suggestedi An SMI frame	D containing ar	SMD-C is an mPacket that co							

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: Comment ID

C/ 99 SC 99.4.7.7 Beaudoin, Denis	P <b>43</b> Texas Instrume	L 17	# 30	<i>Cl</i> <b>99</b> <i>SC</i> <b>99.4.8</b> Beaudoin, Denis	P <b>45</b> Texas Instrum	L <b>49</b>	# 33
		ins				nents	
Comment Type ER The transition to EXPRE: 'ipg_timer=dne'	Comment Status X SS_TX has the word done m	isspelled.		Comment Type TR Since the section doe	Comment Status X es not specify which MAC the p	bause MAC cont	rol frames are sent o
SuggestedRemedy				SuggestedRemedy			
Correct to 'ipg_timer=dor	ne'			Please specify which how the delay constra	MAC the MAC control frames aints are applied.	are sent on so t	hat we can determine
Proposed Response	Response Status <b>O</b>			Proposed Response	Response Status <b>O</b>		
C/ 99 SC 99.3.4	P <b>35</b> Texas Instrume	L 10	# 31	C/ 00 SC 0 Booth, Brad	P <b>6</b> Microsoft	L 13	# 34
<i>Comment Type</i> <b>T</b>	Comment Status X				Comment Status X		
The Frag_count encoded (like SMD_S3)? All the o SuggestedRemedy Change Frag_count 3 in	Comment Status X d value for fragment 3 is defin ther frac_counts match the S the table to be B3 <i>Response Status</i> <b>O</b>			Comment Type E Template information SuggestedRemedy Delete "Task Force n Proposed Response	Comment Status X still being used. ame" from Ludwig and Pat's tit Response Status O	tles.	
The Frag_count encoded (like SMD_S3)? All the o SuggestedRemedy Change Frag_count 3 in Proposed Response	d value for fragment 3 is definit ther frac_counts match the S the table to be B3 <i>Response Status</i> <b>O</b> <i>P</i> <b>19</b>	SMD_S? values.		Template information SuggestedRemedy Delete "Task Force n	still being used. ame" from Ludwig and Pat's tit	tles. <i>L</i> 8	# [35
The Frag_count encoded (like SMD_S3)? All the o SuggestedRemedy Change Frag_count 3 in Proposed Response 2/ 30 SC 30.12.1.33 Reaudoin, Denis Comment Type TR aLldpXdot3LocAddFragS values 0-7	d value for fragment 3 is definition the frac_counts match the S the table to be B3 <i>Response Status</i> <b>O</b>	SMD_S? values.	# <u>32</u>	Template information SuggestedRemedy Delete "Task Force n Proposed Response Cl 01 SC 1.3 Booth, Brad Comment Type E	still being used. ame" from Ludwig and Pat's tit <i>Response Status</i> <b>O</b> <i>P</i> <b>14</b>	L 8	
The Frag_count encoded (like SMD_S3)? All the o SuggestedRemedy Change Frag_count 3 in Proposed Response 2/ 30 SC 30.12.1.33 Beaudoin, Denis Comment Type TR aLldpXdot3LocAddFragS values 0-7 SuggestedRemedy	d value for fragment 3 is defin ther frac_counts match the S the table to be B3 <i>Response Status</i> <b>O</b> <i>P</i> <b>19</b> Texas Instrume <i>Comment Status</i> <b>X</b> Size is defined as a 2 bit value	SMD_S? values.	# <u>32</u>	Template information SuggestedRemedy Delete "Task Force n. Proposed Response CI 01 SC 1.3 Booth, Brad Comment Type E Reference already ex updated. SuggestedRemedy	still being used. ame" from Ludwig and Pat's tit <i>Response Status</i> <b>O</b> <i>P</i> <b>14</b> Microsoft <i>Comment Status</i> <b>X</b>	L 8	
The Frag_count encoded (like SMD_S3)? All the o SuggestedRemedy Change Frag_count 3 in Proposed Response Cl 30 SC 30.12.1.33 Beaudoin, Denis Comment Type TR aLldpXdot3LocAddFragS values 0-7 SuggestedRemedy A 3-bit integer value used	d value for fragment 3 is defin ther frac_counts match the S the table to be B3 <i>Response Status</i> <b>O</b> <i>P</i> <b>19</b> Texas Instrume <i>Comment Status</i> <b>X</b> Size is defined as a 2 bit value	SMD_S? values.	# <u>32</u>	Template information SuggestedRemedy Delete "Task Force n. Proposed Response CI 01 SC 1.3 Booth, Brad Comment Type E Reference already ex updated. SuggestedRemedy	still being used. ame" from Ludwig and Pat's tit <i>Response Status</i> <b>O</b> <i>P</i> <b>14</b> Microsoft <i>Comment Status</i> <b>X</b> tists in 802.3-2012, but name o	L 8	

IEEE P802.3br ([	D2.0) Inters	persing Express	Traffic Initial Working	Group ballot comments

C/ 30 SC 30.2.5 Booth, Brad	P <b>15</b> Microsoft	L <b>36</b>	# 36	Cl 99 SC 99.2.3. Dwelley, David	1.1 P 32 Linear Techno	L <b>29</b> llogy	# 39
SuggestedRemedy	Comment Status X us bracket in the heading. for the editor's note got put in	the heading. Re	elocate the bracket.	a) preempt any pree	Comment Status X value HOLD suspends transmiss emptable frame in progress if pre sion of frames from the pMAC"	sion from the p	
Proposed Response	Response Status 0			Change to: "a) preempting" "b) not starting"			
C/ 79 SC 79.3 Booth, Brad	P <b>24</b> Microsoft	L 14	# 37	Proposed Response	Response Status 0		
Comment Type <b>TR</b> There should not be a T	Comment Status X TBD in Table 79-1.			C/ <b>99</b> SC <b>99.2.3</b> Dwelley, David	<b>1.3</b> P 32 Linear Techno	L <b>47</b> logy	# 40
SuggestedRemedy Change TBD to be 6. S 255.	show the change to the last lin	ne of Table 79-1	to have a range of 7 to	Comment Type E Two periods	Comment Status X		
Proposed Response	Response Status O			SuggestedRemedy Delete one period			
C/ <b>01</b> SC <b>1.3</b> Booth, Brad	P 14 Microsoft	L <b>52</b>	# 38	Proposed Response	Response Status <b>O</b>		
Comment Type <b>TR</b> Reference to 802.1Qbu reference to the current	Comment Status X and 802.1Qbv should be in the the state of the state	he Normative R	eferences with	Cl 99 SC 99.3.3 Dwelley, David	Linear Techno	L <b>3</b> llogy	# 41
	add a normative reference to p-to-date as the project progre		ts for .1Qbu and .1Qbv.	Comment Type E Two periods SuggestedRemedy Delete one period. Is	Comment Status X		
Review all other footnot and .1Qbv.	te references in Clause 99 to	802.1Q to corre	ctly reference to .1Qbu	Proposed Response	Response Status <b>O</b>		
Proposed Response	Response Status 0						

C/ 99	SC 99.4	P 35	L <b>31</b>	# 42	C/ 99	SC 99.4.6	P 37	L <b>50</b>	# 45
Dwelley, Da	avid	Linear Techno	ology		Dwelley, [	David	Linear Techno	ology	
Comment 1	Туре Е	Comment Status X			Comment	Туре Е	Comment Status X		
		ice: "without MAC Merge be	havior changing	its behavior and "			ress filter checks the SMD of ea express filter passes"	ach received mF	Packet. If an mPacket
Suggested	-	MAC Merge behavior changin	a and "- or so	mething similar that	Suggeste	dRemedy			
	t repeat "behavi		ig and 01 301	neuling similar triat	Chan	ge to: "The exp	ress filter checks the SMD of ea	ach received ml	Packet. If an mPacket
Proposed F	Response	Response Status <b>O</b>					the express filter passes"		
					Proposed	Response	Response Status O		
CI 99	SC 99.4.3	P 36	L 17	# 43					
Dwelley, Da	avid	Linear Techno	ology		C/ 99	SC 99.4.8	P 46	L 38	# 46
Comment 1	Туре Е	Comment Status X			Dwelley, I		Linear Techno	ology	
Badly p	placed comma:	"7 octets of preamble,(0x55	) an SMD-V,"		Comment		Comment Status X		
Suggested	Remedy				"elsev	where in the sta	indard" (3 places) - where?		
	he comma after )" at line 21.	the (0x55) or (preferred) lose	e the "(0x55)". If	the latter, also delete	Suggeste Provie		ference so the hapless reader of	doesn't need to	search the entire book
While v	we're here, also	fix the missing period at the e	end of line 18.		Proposed	Response	Response Status O		
Proposed F	Response	Response Status 0							
					C/ 99	SC 99.4.5	P 37	L <b>3</b>	# 47
C/ 99	SC 99.4.4	P 36	L 29	# 44	Dwelley, I	David	Linear Techno	ology	
Dwelley, Da		Linear Techno	-	# 44	Comment	Туре Т	Comment Status X		
Comment 1		Comment Status X	Jogy				ins an SMD-E, receive process packets are discarded!	ing ignores the	mPacket." This makes
		reempts a preemptable frame			Suggeste				
mPack	et data field size	has a frame to transmit if that e and a multiple of eight octet			00	ge to: "If an mF	Packet contains an SMD-E, rece	eive processing	does not modify the
Suggested	Remedy					Response	Response Status <b>O</b>		
or the e	eMAC has a sui he minimum mF	ts a preemptable frame when table frame to transmit. Suital acket data field size when a i	ble eMAC frame	s	rioposou	Response			
Might b	be worth verifyin	g that I parsed that sentence	properly						
Proposed F	Response	Response Status 0							

C/ 99         SC 99.4.5         P 37         L 26         # 48           Dwelley, David         Linear Technology         48	C/         01         SC 1.3         P 14         L 8         # 51           Grow, Robert         RMG Consulting
Comment Type <b>T</b> Comment Status <b>X</b> Broken sentence: "An SMD containing an SMD-C an mPacket that continues the data for a	Comment Type E Comment Status X 802.1Q is already in P802.3.
preempted frame."	SuggestedRemedy
SuggestedRemedy Fix appropriately. It's broken enough now that I can't divine the intended meaning.	Delete insert instruction and reference.
Proposed Response Response Status <b>O</b>	Proposed Response Response Status O
C/79 SC 79.3.6.1 P 24 L 41 # 49	CI 79 SC 79.3.6 P 24 L 16 # 52
Grow, Robert RMG Consulting	Grow, Robert RMG Consulting
Comment Type T Comment Status X	Comment Type E Comment Status X
SuggestedRemedy An implementation shall transmit all Reserved bits as zero, and ignore received Reserved bits. Reserved octets shall not be transmitted and if more octets are received that were defined as other than Reserved, the additional octet(s) shall be ignored. If fewer octet(s) are received than defined, the implementation shall act as if the additional octet(s) were	SuggestedRemedy Either follow the style guide, or include "renumbering following subclauses" in editorial instruction.
received as zero.	Proposed Response Response Status O
Proposed Response Response Status O	
C/ 99 SC P L # 50	C/         99         SC         99.2.3.1         P 32         L 17         # 53           Grow, Robert         RMG Consulting
Grow, Robert RMG Consulting	Comment Type E Comment Status X
Comment Type E Comment Status X	Bad grammar, missing "of"?
You get the joy of trying to figure out if a user of the Generic Comment tool following instructions is commenting on clause 99 or front matter.	SuggestedRemedy Correct.
SuggestedRemedy	Proposed Response Response Status O
Fix (or get someone to fix) the red text on the Generic Comment tool to suggest something other than 99 for front matter. I tried 999 for my front matter comment.	· · · ·
Proposed Response Response Status <b>O</b>	

C/ 999 SC	P <b>4</b>	L <b>30</b>	# 54	CI <b>00</b>	SC O		Р	L	# 57
Grow, Robert	RMG Consulti	ing		Grow, Rob	ert		RMG Consu	ulting	
Comment Type ER	Comment Status X			Comment			t Status X		
Missing amendment d	description.								as part of express traffic ith MAC Control pause.
SuggestedRemedy									control frames should
	on of this amendment so it car ed to copy this description as p			be add amend		e these other o	ptional protoco	Is considered in c	development of this
Proposed Response	Response Status O			Suggested	Remedy				
				Please	e address.				
C/ 99 SC 88.4.5	P 37	L <b>26</b>	# 55	Proposed I	Response	Response	Status O		
Grow, Robert	RMG Consulti	ing							
Comment Type ER	Comment Status X			C/ 00	SC O		Р	L	# 58
Unparsable frame. Di	id some necessary text get del	leted?		Grow, Rob	ert		RMG Consu	ulting	
SuggestedRemedy				Comment	Type <b>TR</b>	Commen	t Status X		
to fix.	1 0								what is to me are
Proposed Response	Response Status 0			examp (e.g., N This is	ble, if it assum Manchester b a new requir	es all PCS lave t encoding) or t ement. I did no	ers use codes t hat have an int t find a require	hat either encode teger number of c ment that mPack	e less than an octet octets in the PCS code. acts had to be
Proposed Response Cl 79 SC 79.3	Response Status O	L 14	# 56	examp (e.g., N This is contigu	ble, if it assum Manchester b a new requir uous and cou	es all PCS laye t encoding) or t ement. I did no d not cause int	ers use codes t hat have an inf t find a require erframe to be s	hat either encode teger number of c ment that mPack signaled on an xN	octets in the PCS code. tets had to be /II unless until both a
· ·	, -		# 56	examp (e.g., N This is contigu pFram Failure	ble, if it assum Manchester b a new requir uous and cou le and one or to do this co	es all PCS laye t encoding) or t ement. I did no d not cause int more eFrames	ers use codes t hat have an int it find a require erframe to be s are completely	hat either encode teger number of c ment that mPack signaled on an xM r transmitted when	e less than an octet octets in the PCS code. acts had to be
C/ 79 SC 79.3	P 24		# 56	examp (e.g., N This is contigu pFram	ble, if it assum Manchester b a new requir uous and cou le and one or to do this co	es all PCS laye t encoding) or t ement. I did no d not cause int more eFrames	ers use codes t hat have an int it find a require erframe to be s are completely	hat either encode teger number of c ment that mPack signaled on an xM r transmitted when	e less than an octet octets in the PCS code. tets had to be //II unless until both a n a preemption occurs.
Cl <b>79</b> SC <b>79.3</b> Grow, Robert Comment Type <b>T</b>	P <b>24</b> RMG Consulti	ing	# 56	examp (e.g., M This is contigu pFram Failure on the I believ	ble, if it assum Manchester b a new requir uous and cou e and one or to do this co xMII. we this is a pro-	es all PCS laye t encoding) or t ement. I did no d not cause int more eFrames uld result in RX	ers use codes t hat have an int t find a require erframe to be s are completely _DV being dea layers that do r	hat either encode teger number of c ment that mPack signaled on an xNv r transmitted when asserted falsely in not encode an inte	e less than an octet octets in the PCS code. tets had to be All unless until both a in a preemption occurs. indicating an end of frame eger number of octets.
Cl <b>79</b> SC <b>79.3</b> Grow, Robert Comment Type <b>T</b> I don't think order of a	P 24 RMG Consulti Comment Status X	ing	# <u>56</u>	examp (e.g., M This is contigu pFram Failure on the I believ For exa	ole, if it assum Manchester b a new requir uous and cou e and one or a to do this co xMII. ve this is a pro ample, if a 10	es all PCS laye t encoding) or t ement. I did no d not cause int more eFrames uld result in RX oblem for PCS Mb/s or 100BA	ers use codes t hat have an int t find a require erframe to be s are completely _DV being dea layers that do r	hat either encode teger number of c ment that mPack signaled on an xN r transmitted whe asserted falsely in not encode an inte oduces a non-inte	e less than an octet octets in the PCS code. tets had to be All unless until both a in a preemption occurs. indicating an end of frame
Cl <b>79</b> SC <b>79.3</b> Grow, Robert Comment Type <b>T</b> I don't think order of a SuggestedRemedy	P 24 RMG Consulti <i>Comment Status</i> X assignment is a big secret, repl	ing lace the TBD.		examp (e.g., N This is contigu pFram Failure on the I believ For ex the MII	ole, if it assum Manchester b a new requir uous and cou e and one or a to do this co xMII. ve this is a pro ample, if a 10	es all PCS laye t encoding) or t ement. I did no d not cause int more eFrames uld result in RX oblem for PCS Mb/s or 100BA	ers use codes t hat have an int t find a require erframe to be s are completely _DV being dea layers that do r	hat either encode teger number of c ment that mPack signaled on an xN r transmitted whe asserted falsely in not encode an inte oduces a non-inte	e less than an octet octets in the PCS code. sets had to be All unless until both a in a preemption occurs. indicating an end of frame eger number of octets. eger number of octets,
Cl <b>79</b> SC <b>79.3</b> Grow, Robert Comment Type <b>T</b> I don't think order of a SuggestedRemedy TBD goes to 7, reserv	P 24 RMG Consulti Comment Status X	ing lace the TBD.		examp (e.g., N This is contigu pFram Failure on the I believ For ex the MII can be	ole, if it assum Manchester b a new requir uous and cou e and one or to do this co xMII. ve this is a pre ample, if a 10 I nd currently e detected. arly worry that	es all PCS laye t encoding) or t ement. I did no d not cause int more eFrames uld result in RX oblem for PCS Mb/s or 100BA defined PHYs of a PHY code th	ers use codes t hat have an int it find a require erframe to be s are completely _DV being dea layers that do r \SE-X MAC pro- convey that acr	hat either encode teger number of c ment that mPack signaled on an xM r transmitted whe isserted falsely in not encode an inte oduces a non-inte ross the link so th	e less than an octet octets in the PCS code. tets had to be All unless until both a in a preemption occurs. Indicating an end of frame eger number of octets. eger number of octets, hat an alignment error
Cl <b>79</b> SC <b>79.3</b> Grow, Robert Comment Type <b>T</b> I don't think order of a SuggestedRemedy TBD goes to 7, reserv	P 24 RMG Consulti <i>Comment Status</i> X assignment is a big secret, repl ved range to 8-255, and rewrite	ing lace the TBD.		examp (e.g., M This is contigu pFram Failure on the I believ For ex- the MII can be I simila code w	ole, if it assum Manchester b a new requir uous and cou e and one or e to do this co xMII. ve this is a pri ample, if a 10 I nd currently detected. arly worry that word could res	es all PCS laye t encoding) or t ement. I did no d not cause int more eFrames uld result in RX oblem for PCS Mb/s or 100BA defined PHYs of a PHY code th	ers use codes t hat have an int it find a require erframe to be s are completely _DV being dea layers that do r \SE-X MAC pro- convey that acr	hat either encode teger number of c ment that mPack signaled on an xW rtransmitted whe isserted falsely in not encode an inte oduces a non-inte ross the link so th	e less than an octet octets in the PCS code. tets had to be All unless until both a in a preemption occurs. adicating an end of frame eger number of octets. eger number of octets, hat an alignment error
Cl <b>79</b> SC <b>79.3</b> Grow, Robert Comment Type <b>T</b> I don't think order of a SuggestedRemedy TBD goes to 7, reserv	P 24 RMG Consulti <i>Comment Status</i> X assignment is a big secret, repl ved range to 8-255, and rewrite	ing lace the TBD.		examp (e.g., M This is contigu pFram Failure on the I believ For exa the MII can be I simila code w Suggested	ole, if it assum Manchester b a new requir uous and cou e and one or a to do this co xMII. ve this is a pro ample, if a 10 I nd currently detected. arly worry that vord could res <i>IRemedy</i>	es all PCS laye t encoding) or t ement. I did no d not cause int more eFrames uld result in RX oblem for PCS Mb/s or 100BA defined PHYs of a PHY code th out in a false interest	ers use codes t hat have an int t find a require erframe to be s are completely _DV being dea layers that do r SE-X MAC pro- convey that acr at does not inc dication of inter	hat either encode teger number of c ment that mPack signaled on an xN r transmitted when asserted falsely in not encode an inte oduces a non-inte ross the link so th clude an integer n rframe spacing at	e less than an octet octets in the PCS code. sets had to be III unless until both a in a preemption occurs. indicating an end of frame eger number of octets. eger number of octets, hat an alignment error number of octets in a t the receive xMII.
Cl <b>79</b> SC <b>79.3</b> Grow, Robert Comment Type <b>T</b> I don't think order of a SuggestedRemedy	P 24 RMG Consulti <i>Comment Status</i> X assignment is a big secret, repl ved range to 8-255, and rewrite	ing lace the TBD.		examp (e.g., M This is contigu pFram Failure on the I believ For ex- the MII can be I simila code w Suggested Assure	ole, if it assum Manchester b a new requir uous and cou e and one or e to do this co xMII. ve this is a pri- ample, if a 10 I nd currently detected. arly worry that vord could res <i>IRemedy</i> e MAC Merge uous mPacke	es all PCS laye t encoding) or t ement. I did no d not cause int more eFrames uld result in RX oblem for PCS Mb/s or 100BA defined PHYs of a PHY code th out in a false in will properly code	ers use codes t hat have an int t find a require erframe to be s are completely _DV being dea layers that do r SE-X MAC pro- convey that acr at does not inc dication of intel nvey an alignm	hat either encode teger number of c ment that mPack signaled on an xN r transmitted whe asserted falsely in not encode an inte bduces a non-inte ross the link so th clude an integer n rframe spacing at	e less than an octet octets in the PCS code. sets had to be III unless until both a in a preemption occurs. indicating an end of frame eger number of octets. eger number of octets, hat an alignment error number of octets in a t the receive xMII.

				<u> </u>			
C/ 30 SC 30.2.	•	L 36	# 59	C/ 79 SC 79.4.2	P 25	L1	# 62
łajduczenia, Marek	Bright House	Network		Hajduczenia, Marek	Bright House	Network	
Comment Type E	Comment Status X			Comment Type E	Comment Status X		
Extra "[" in heading	g of 30.2.5			Text in column Functi	on in Table 79–7a should be l	eft justified and	not centered.
SuggestedRemedy				SuggestedRemedy			
Remove "[" in head	ding of 30.2.5				reak text lines in such a way t		
Proposed Response	Response Status O				ability and serves no purpose rvation applies to Table 79–9		
				Proposed Response	Response Status 0		
C/ 30 SC 30.14	l.1 P 20	L 37	# 60				
Hajduczenia, Marek	Bright House	Network		CI 99 SC 99.3	P 33	L 5	# 63
Comment Type E	Comment Status X			Hajduczenia, Marek	Bright House	-	# 00
Unnecessary empt	ty lines 37-39			Comment Type E	Comment Status X		
SuggestedRemedy				Unnecessary empty li			
Remove empty line	es						
Proposed Response	Response Status <b>O</b>			SuggestedRemedy Per comment			
				Proposed Response	Response Status 0		
C/ 30 SC 30.14		L <b>24</b>	# 61				
Hajduczenia, Marek	Bright House	Network		C/ 99 SC 99.3.3	P 34	L <b>3</b>	# 64
Comment Type E	Comment Status X			Hajduczenia, Marek	Bright House	Network	
	24. Multiple other lines are also n	nissing "." at the	end, for example (page	Comment Type E	Comment Status X		
/ line): 22 / 24				"" at the end of the s			
22 / 34				SuggestedRemedy			
22 / 45				Change "" to "."			
22 / 54 23 / 9				-			
23 / 18				Proposed Response	Response Status O		
SuggestedRemedy							
Add missing "."							
Proposed Response	Response Status 0						

C/ 99 SC 99.3.4	P 34	L 35	# 65	C/ 99 SC 99	P <b>4</b>	<i>L</i> 1	# 68
ajduczenia, Marek	Bright House I	Network		Hajduczenia, Marek	Bright House	Network	
comment Type E	Comment Status X			Comment Type ER	Comment Status X		
	AG_COUNT" but it is used inco ount", or "FRAG COUNT"	onsistently in Cl	ause 99 as	Description of 802.3 s	status is incomplete.		
0= , 0=	ount, of FRAG_COUNT			SuggestedRemedy			
SuggestedRemedy					lates to 802.3 family of standa		
Change "frag_count"	to "FRAG_COUNT" to be cons	istent with Figur	re 99-3.		ould be aligned with 802.3bx		
Proposed Response	Response Status O			8 1	ot, P802.3bx will be a new bas	e 802.3 standard	J.
				Proposed Response	Response Status <b>O</b>		
C/ 99 SC 99.3.4	P 34	L <b>40</b>	# 66				
ajduczenia, Marek	Bright House I	Network		C/ 01 SC 1.4.5	P <b>14</b>	L 27	# 69
omment Type E	Comment Status X			Hajduczenia, Marek	Bright House	Network	
	together without any sense: "T frame, and mPackets with SMI			Comment Type ER "See IEEE Std 802.3	Comment Status X br, Clause 99." - we reference	clauses, and no	t specific amendme
uggestedRemedy				SuggestedRemedy			
	count is set to zero at the start ontain the frag_count field."	of each preemp	otable frame. mPackets	Change to "See IEEE	Std 802.3, Clause 99."		
Proposed Response	Response Status <b>O</b>			Proposed Response	Response Status O		
C/ 99 SC 99.4.4	P 36	L 27	# 67	C/ 30 SC 30.12.1		L 28	# 70
ajduczenia, Marek	Bright House I			Hajduczenia, Marek	Bright House	Network	
	Comment Status X			Comment Type ER	Comment Status X		
<i>Comment Type</i> <b>E</b> Unnecessary "[" in he					e 30 attributes to what is used nd the use of tab, as well as sp		
uggestedRemedy				Also note that descrip like it is done in the d	otion in "BEHAVIOUR DEFINE raft right now.	ED AS:" ends wit	h ".;" and not just ";"
Remove "[" in heading	g of 99.4.4			SuggestedRemedy	-		
roposed Response	Response Status 0			Changes per comme	nt.		
				Proposed Response	Response Status <b>O</b>		
				i ioposed nesponse	$\pi$ esponse status <b>U</b>		

		• • •						• • •	
C/ 79 SC 79.4.2		L 23	# 71	C/ 99	SC 99.1		P 29	L 21	# 74
łajduczenia, Marek	Bright House	Network		Hajduczer	na, marek	Br	ight House N	Network	
Comment Type ER	Comment Status X			Comment		Comment Stat			
Format of Table 79-	9 and Table 79–10 does not me	eet style manual	and current template			sense: "When pre			
SuggestedRemedy Apply proper templa	te to both tables.			transn		emptable frame bei			he eMAC to interrupt C." - it seems that MAC
Proposed Response	Response Status <b>O</b>			Suggested	dRemedy				
						en preemption is ad			
	0.47					ress MAC service i r the preemptable			interrupt transmission
C/ 90 SC 90.4.2		L7	# 72						k partner supports the
lajduczenia, Marek	Bright House	Network				and avoid the disc	ussion on wł	hat and where is	s tramsmitted. It is
Comment Type ER	Comment Status X				essary. line 39, page 29	a			
	es to 90.4.2, 90.4.3, 90.4.3.1, 90 3 - remove from the draft	0.4.3.1.2, 90.4.3.	1.3 , 90.4.3.2,		Response	Response Stat			
SuggestedRemedy				Порозеи	Response	Response Stat	us U		
pre comment									
•				CI <b>99</b>	SC 99.1		P <b>29</b>	L 23	# 75
Proposed Response	Response Status <b>O</b>			Hajduczer	nia, Marek	Br	ight House N	Network	
				Comment	Туре Т	Comment Stat	tus X		
C/ 99 SC 99.1.1	P <b>30</b>	L <b>1</b>	# 73						sserting hold over the
lajduczenia, Marek	Bright House	Network				ot transmission of a			ransmitted by the / hold from the MSSI
Comment Type ER	Comment Status X					ansmission of the p			
Several minor edito	ial issues with Figure 99-1:			Suggested	dRemedv				
	line in box "MAC CLIENT supp	orting preemptio	n" on the right half inch	00		en HOLD is asserte	ed on the MM	/ CTL.request	primitive, the MAC
from the right edge	should be centered vertically ar	nd horizontally in	the box						traffic and enables the
- "PHY" seems to s	an part of xMII - it should only o	cover PCS/PMA/	PMD			ss traffic. When RE			MM_CTL.request ion of preemptable
	sical layer seems to catch also				is resumed."	TOT EXPLOSE traine	is completed		
	and eMAC should be done und anded in the drawing itself	ier the figure (like	e xiviii, MDI, and	Proposed	Response	Response Stat	us <b>O</b>		
SuggestedRemedy							-		
Fix the issues listed	in the comment.								
Proposed Response	Response Status <b>O</b>								
ioposed hesponse									

	P <b>29</b>	L 27	# 76	C/ 99	SC 99.2	P 31	L <b>44</b>	# 78
Hajduczenia, Marek	Bright House	Network		Hajduczer	nia, Marek	Bright House	Network	
Comment Type <b>T</b> Co	omment Status X			Comment	Туре Т	Comment Status X		
Sentence makes little sense frames will not be interrupted is idle (i.e. at least an interpa frame), MAC Merge will begi	d. If the eMAC is provid acket gap has elapsed s	ling an express fr since ending tran	ame and MAC Merge smission of any prior	Client	supporting pree	s subclause specifies the sentemption. The MAC Client may cond sentence does not add a	be a MAC Clien	
providing a frame, transmiss				Suggestee				
providing a preemptable fram preemptable frame." - langua	ne and MAC Merge is i	idle, MAC Merge	will transmit the			s subclause specifies the serv C Clients, including MAC Clien		
allowed.				Proposed	Response	Response Status 0		
SuggestedRemedy								
Change to read: "When pree interrupt transmission of pree				CI 99	SC 99.2.1	P <b>31</b>	L <b>47</b>	# 79
the MAC Merge sublayer is i				Hajduczer	nia, Marek	Bright House	Network	
transmission of a prior frame sublayer transmits the expre				Comment	Туре Т	Comment Status X		
presented preemptable fram			, , , , , , , , , , , , , , , , , , ,			ys "Responsibilities of MAC (		
Proposed Response Res	sponse Status O				Client has some thing. It is incon	e requirements, but the text the sistent.	en says MAC Cli	ent can (optionally) do
				Suggestee	dRemedy			
C/ 99 SC 99.1.2	P 31	L <b>22</b>	# 77			to "Functions of MMSI" and c		
Hajduczenia, Marek	Bright House	Network				nitive is used to control the MA req=HOLD) or preemptable tra		
Comment Type T Co	omment Status X				Response	Response Status <b>O</b>		
Based on the following describe not implemented. If that is					recipence			
functions belonging to EEE				CI 99	SC 99.2.2	P <b>32</b>	L 11	# 80
SuggestedRemedy Change the designatio of "Ve	arification" hav if it is in	dood moont to be	antional	Hajduczer	nia, Marek	Bright House	Network	
6 6			e optional.	Comment	Туре Т	Comment Status X		
Proposed Response Response Status O					Merge shall sup ⁄lerge ???	port the MM_CTL.request prir	mitive described	in this subclause." -
				Suggestee	dRemedv			
				0	ar terrie ay			
				Chang	ge to "The MAC 2.3." - "this sube	Merge sublayer shall support lause" implies 99.2.2. and that		

C/ 88         SC 99.2.3.1         P 32         L 18         # 81           Hajduczenia, Marek         Bright House Network	C/ 99SC 99.3P 33L 3# 83Hajduczenia, MarekBright House Network						
Comment Type T Comment Status X	Comment Type T Comment Status X						
"This primitive defines the transfer a request from a MAC Client to MAC Merge to hold or release transmission of frames from the pMAC." - "frames from the pMAC" are called "preemptable traffic" - defined before.	"When preemption capability is active, " - previously we spoke of "preemption function" or "preemption"						
SuggestedRemedy	SuggestedRemedy Change to "When the preemption function is enabled, "						
Change to read: "This primitive defines the transfer a request from a MAC Client to the MAC Merge sublayer, controlling the transmission of express and preemptable traffic."	Proposed Response Response Status O						
Proposed Response Response Status O							
	C/ 99SC 99.3P 33L 4# 84Hajduczenia, MarekBright House Network						
C/         99         SC         99.2.3.1.1         P 32         L 26         # 82           Hajduczenia, Marek         Bright House Network         Bright House Network         Bright House Network         Bright House Network	Comment Type <b>T</b> Comment Status <b>X</b>						
Comment Type T Comment Status X The following does not read right, in terms of grammar:	mPacket used for the first time and without any explanation of what it is SuggestedRemedy						
	Change "mPacket" to "MAC Merge Packet (mPacket)"						
The value HOLD suspends transmission from the pMAC by: a) preempt any preemptable frame in progress if preemption is active and b) not start transmission of frames from the pMAC regardless of whether the eMAC has a frame to transmit. The value RELEASE allows	Change "mPacket" to "MAC Merge Packet (mPacket)" Proposed Response Response Status <b>O</b>						
The value HOLD suspends transmission from the pMAC by: a) preempt any preemptable frame in progress if preemption is active and b) not start transmission of frames from the pMAC regardless of whether the eMAC has a frame to transmit. The value RELEASE allows transmission by the pMAC when the eMAC does not have a frame to transmit.	Proposed Response         Response Status         O           Cl 99         SC 99.3.1         P 33         L 29         # 85						
The value HOLD suspends transmission from the pMAC by: a) preempt any preemptable frame in progress if preemption is active and b) not start transmission of frames from the pMAC regardless of whether the eMAC has a frame to transmit. The value RELEASE allows transmission by the pMAC when the eMAC does not have a frame to transmit. SuggestedRemedy	Proposed Response       Response Status       O         Cl 99       SC 99.3.1       P 33       L 29       # 85         Hajduczenia, Marek       Bright House Network						
The value HOLD suspends transmission from the pMAC by: a) preempt any preemptable frame in progress if preemption is active and b) not start transmission of frames from the pMAC regardless of whether the eMAC has a frame to transmit. The value RELEASE allows transmission by the pMAC when the eMAC does not have a frame to transmit. SuggestedRemedy Change to read The value of hold_req=HOLD causes the MAC Merge sublayer to suspend transmission of preemptable traffic by:	Proposed Response         Response Status         O           Cl 99         SC 99.3.1         P 33         L 29         # 85						
The value HOLD suspends transmission from the pMAC by: a) preempt any preemptable frame in progress if preemption is active and b) not start transmission of frames from the pMAC regardless of whether the eMAC has a frame to transmit. The value RELEASE allows transmission by the pMAC when the eMAC does not have a frame to transmit. <i>SuggestedRemedy</i> Change to read The value of hold_req=HOLD causes the MAC Merge sublayer to suspend transmission of preemptable traffic by: a) preempting any preemptable frame being transmitted, if the preemption function is enabled, and	Proposed Response       Response Status       O         Cl 99       SC 99.3.1       P 33       L 29       # 85         Hajduczenia, Marek       Bright House Network       Bright House Network         Comment Type       T       Comment Status       X         Figure 99–3 should be divided into two: one showing mPacket containing an express fram or an initial fragment of a frame, and one showing mPacket containing a non-initial						
The value HOLD suspends transmission from the pMAC by: a) preempt any preemptable frame in progress if preemption is active and b) not start transmission of frames from the pMAC regardless of whether the eMAC has a frame to transmit. The value RELEASE allows transmission by the pMAC when the eMAC does not have a frame to transmit. <i>SuggestedRemedy</i> Change to read The value of hold_req=HOLD causes the MAC Merge sublayer to suspend transmission of preemptable traffic by: a) preempting any preemptable frame being transmitted, if the preemption function is	Proposed Response       Response Status       O         Cl 99       SC 99.3.1       P 33       L 29       # 85         Hajduczenia, Marek       Bright House Network       85         Comment Type       T       Comment Status       X         Figure 99–3 should be divided into two: one showing mPacket containing an express fram or an initial fragment of a frame, and one showing mPacket containing a non-initial fragment of a frame       N						
The value HOLD suspends transmission from the pMAC by: a) preempt any preemptable frame in progress if preemption is active and b) not start transmission of frames from the pMAC regardless of whether the eMAC has a frame to transmit. The value RELEASE allows transmission by the pMAC when the eMAC does not have a frame to transmit. <i>SuggestedRemedy</i> Change to read The value of hold_req=HOLD causes the MAC Merge sublayer to suspend transmission of preemptable traffic by: a) preemptable frame being transmitted, if the preemption function is enabled, and b) withholding from transmitting any preemptable frames regardless of whether eMAC has traffic to transmit. The value of hold_req=RELEASE causes the MAC Merge sublayer to terminate any preemption and allows transmission of	Proposed Response       Response Status       O         Cl 99       SC 99.3.1       P 33       L 29       # 85         Hajduczenia, Marek       Bright House Network       Bright House Network         Comment Type       T       Comment Status       X         Figure 99–3 should be divided into two: one showing mPacket containing an express fram or an initial fragment of a frame, and one showing mPacket containing a non-initial fragment of a frame       SuggestedRemedy         Divide Figure 99-3 into two: new Figure 99-3 to show mPacket containing an express fram or an initial fragment of a frame (new caption: "mPacket with an express frame or an initial fragment") and new Figure 99-4 to show mPacket containing a non-initial fragment						

C/99 SC 99.3.2 P 33 L 41 # 86	Cl 99 SC 99.3.4 P 34 L 43 # 88
Hajduczenia, Marek Bright House Network	Hajduczenia, Marek Bright House Network
Comment Type T Comment Status X	Comment Type T Comment Status X
There are no requirements for preamble content. Also, the text is very confusing - we start	No requirements for FRAG_COUNT
with a definition of a single octet and then go into complex definition of the premable structure. Text should be clarified.	SuggestedRemedy
SuggestedRemedy	Change "The valid values of frag_count values are shown in Table 99–2." to "The valid values of FRAG_COUNT field shall be per Table 99-2."
Change the text in 99.3.2 to read:	
The preamble in the mPacket shown in Figure 99-3 shall contain 7 preamble octets. The preamble in the mPacket shown in Figure 99-4 shall contain 6 preamble octets. Each preamble octet contains the value of 0x55 (binary 10101010).	Add a new entry in PICS. Proposed Response Response Status <b>O</b>
Add entries into PICS.	C/ 30 SC 30.12.1.1.1 P 18 L 36 # 89
Proposed Response Response Status O	Hajduczenia, Marek Bright House Network
	Comment Type TR Comment Status X
Cl 99 SC 99.3.3 P 33 L 45 # 87	"A read-write string of 6 bits indicating," but later on the list shows allocation of seev bits
Hajduczenia, Marek Bright House Network	SuggestedRemedy
Comment Type T Comment Status X	Change "6" to "7", since we allocate 7 bits in the list below.
No requirements for SMD values.	Proposed Response Response Status O
SuggestedRemedy	
Change "All valid SMD values are defined inTable 99–1." to read "All valid SMD values shall be per Table 99–1."	C/ 30 SC 30 12 2 P 19 / 1 # 90
shall be per Table 99–1."	C/ 30     SC 30.12.2     P 19     L 1     # 90       Hajduczenia, Marek     Bright House Network
shall be per Table 99–1." Add new entry in PICS.	Hajduczenia, Marek Bright House Network
shall be per Table 99–1."	
shall be per Table 99–1." Add new entry in PICS.	Hajduczenia, Marek Bright House Network Comment Type TR Comment Status X Newly added attributes do not define individual values in a clear fashion. For example, aLldpXdot3LocPreemptSupported indicates that "A read-only Boolean value used to indicate whether the given port (associated with the local system) supports preemption.capability;" - it is not clear what value is reported when said preemption is supported (true? supported? ok? anything else) and when not.
shall be per Table 99–1." Add new entry in PICS.	Hajduczenia, Marek       Bright House Network         Comment Type       TR       Comment Status       X         Newly added attributes do not define individual values in a clear fashion. For example, aLldpXdot3LocPreemptSupported indicates that "A read-only Boolean value used to indicate whether the given port (associated with the local system) supports preemption.capability;" - it is not clear what value is reported when said preemption is supported (true? supported? ok? anything else) and when not. Also, these attributes do not define what happens with SET and GET operations.

used to indicate, in units of 64 octets, the minimum number of octets over 64 octets required in non-final fragments by the receiver on the given port associated with the remote system;"       SuggestedRemedy         SuggestedRemedy       Is the intention to define the minimum fragment size? It would make much more sense to simply define it as INTEGER and then record the fragment size, and not some fragment size delta - these are MIB objects and not hardware registers!       The MM parameter, when present, can take one of two possible values PMAC or EMAC. When PMAC value is set and the SFD parameter is asserted (SFD = DETECTED), the TimeSync Client is notified that a valid SFD from pMAC was detected.         Proposed Response       Response Status       O         Cl 99       SC 99       PO       LO       # 92         Cl 90       SC 90.4.3.2.1       P 28       L7       # 95         Hajduczenia, Marek       Bright House Network       C       90       SC 90.4.3.2.1       P 28       L7       # 95         SuggestedRemedy       Why there are no registers for Clause 45? 2D we expect to have no need for MAC registers (counters) at all? Most of the counters from Clause 30 should be mapped into Clause 45 registers as well and these are missing right now       P 28       L7       # 95         Proposed Response       Response Status       O       C       90       SC 90.4.3.2.1       P 28       L7       # 95         SuggestedRemedy       Why there are no registers for Clause 45? Do we expect to		
Artifuer alldpXdot3RemAddFragStace has vary cryptic definition: "A 2-bit integer value used to indicate, in units of 64 octets, the minimum number of octets over 64 octets required in non-final fragments by the receiver on the given port associated with the remote system."       Description of MM parameter is cryptic and does not follow standard 802.3 descripting statement on a MACM were set as follows:         SuggestedRemedy       Is the intention to define the minimum fragment size, and not some fragment size and the SFD parameter is asserted (SFD DeTECTED), the TimeSync Client is notified that a valid SFD from pMAC vaue is set and the SFD parameter is asserted (SFD DeTECTED), the response Status O         Proposed Response       Response Status O         Comment Type TR Comment Status X       Description of MM parameter is cryptic and does not follow standard 802.3 description of MM parameter is cryptic and toes not follow standard 802.3 description of MM parameter is cryptic and the SFD parameter is asserted (SFD DeTECTED), timeSync Client is notified that a valid SFD from PMAC value is set and the SFD parameter is asserted (SFD DeTECTED), timeSync Client is notified that a valid SFD from eMAC value is set and the SFD parameter is asserted (SFD DeTECTED), timeSync Client is notified that a valid SFD from PMAC value is set and the SFD parameter is asserted (SFD DeTECTED), timeSync Client is notified that a valid SFD from PMAC value is set and the SFD parameter is asserted (SFD DeTECTED), timeSync Client is notified that a valid SFD from PMAC value is set and the SFD parameter is asserted (SFD DeTECTED), timeSync Clien		
Is the intention to define the minimum fragment size? It would make much more sense to simply define it as NITEGER and then record the fragment size, and not some fragment size define it as NITEGER and then record the fragment size, and not some fragment size and the SFD parameter is asserted (SFD = DETECTED), TimeSync Client is notified that a valid SFD from pMAC was detected. Proposed Response Response Status O Cl 99 SC 99 PO LO # 92 Hajduczenia, Marek Bright House Network Comment Type TR Comment Status X Where is Clause 45????? SuggestedRemedy Why there are no registers for Clause 45? Do we expect to have no need for MAC registers as well and these are missing right now Proposed Response Response Status O Cl 79 SC 79.3 P24 L14 # 93 TR Comment Status X Description of MM parameter is approvable values is set and the SFD parameter is asserted (SFD DetectED), TimeSync Client is notified that a valid SFD from pMAC was detected. Proposed Response Response Status O Cl 79 SC 79.3 P24 L14 # 93 Hajduczenia, Marek Bright House Network Comment Type TR Comment Status X Bright House Network Comment Type TR Comment Status X Bright House Network Comment Type TR Comment Status X Bright House Network Comment Type TR Comment Status X Bright House Network Comment Type TR Comment Status X Bright House Network Comment Type TR Comment Status X Bright House Network Comment Type TR Comment Status X Bright House Network Comment Type TR Comment Status X Bright House Network Comment Type TR Comment Status X Bright House Network Comment Type TR Comment Status X Bright House Network Comment Type TR Comment Status X Bright House Network Comment Type TR Comment Status X Bright House Network Comment Type TR Comment Status X Bright House Network Bright	Attribute aLldpXdot3RemAddFragSize has very cryptic definiton: "A 2-bit integer value used to indicate, in units of 64 octets, the minimum number of octets over 64 octets required in non-final fragments by the receiver on the given port associated with the remote	Description of MM parameter is cryptic and does not follow standard 802.3 description. SuggestedRemedy
Hajduczenia, Marek       Bright House Network         Comment Type       TR       Comment Status X         Where is Clause 45?????       SuggestedRemedy         Why there are no registers for Clause 45? Do we expect to have no need for MAC registers (counters) at all? Most of the counters from Clause 30 should be mapped into Clause 45 registers as well and these are missing right now       Cl 90       SC 90.4.3.2.1       P 28       L7       # 95         Proposed Response       Response Status O       TR       Comment Type       TR       Comment Status X         Cl 79       SC 79.3       P 24       L 14       # 93         Hajduczenia, Marek       Bright House Network         Comment Type       TR       Comment Status X         TBD in Table 79–1 - time to decide what this is going to be       SuggestedRemedy         SuggestedRemedy       Cleane to the appropriate value for this new "Additional Ethernet Capabilities" subtype. The same value should be then propagated into 79.3.6 as well and Figure 79–6.       "G" seems to be the next free number as of 802.3bx	Is the intention to define the minimum fragment size? It would make much more sense to simply define it as INTEGER and then record the fragment size, and not some fragment size delta - these are MIB objects and not hardware registers! Similar comment on aMACMergeAddFragSize	
C/ 79       SC 79.3       P 24       L 14       # 93         Hajduczenia, Marek       Bright House Network         Comment Type       TR       Comment Status X         TBD in Table 79–1 - time to decide what this is going to be         SuggestedRemedy         Change TBD with the appropriate value for this new "Additional Ethernet Capabilities" subtype. The same value should be then propagated into 79.3.6 as well and Figure 79–6.         "6" seems to be the next free number as of 802.3bx	Hajduczenia, Marek       Bright House Network         Comment Type       TR       Comment Status       X         Where is Clause 45????       SuggestedRemedy         Why there are no registers for Clause 45? Do we expect to have no need for MAC registers (counters) at all? Most of the counters from Clause 30 should be mapped into Clause 45 registers as well and these are missing right now	Hajduczenia, Marek       Bright House Network         Comment Type       TR       Comment Status       X         Description of MM parameter is cryptic and does not follow standard 802.3 description.         SuggestedRemedy         Change lines 32-35 to read as follows:         The MM parameter is optional and present only when the MAC Merge (see Clause 99) is instantiated. The MM parameter, when present, can take one of two possible values, i.e.,
SuggestedRemedy Change TBD with the appropriate value for this new "Additional Ethernet Capabilities" subtype. The same value should be then propagated into 79.3.6 as well and Figure 79–6. "6" seems to be the next free number as of 802.3bx	Hajduczenia, Marek     Bright House Network       Comment Type     TR       Comment Status     X	DETECTED), the TimeSync Client is notified that a valid SFD from pMAC was detected. When EMAC value is set and the SFD parameter is asserted (SFD = DETECTED), the TimeSync Client is notified that a valid SFD from eMAC was detected.
Proposed Response Response Status O	SuggestedRemedy Change TBD with the appropriate value for this new "Additional Ethernet Capabilities" subtype. The same value should be then propagated into 79.3.6 as well and Figure 79–6.	
	Proposed Response Response Status O	

C/ <b>99</b>	SC 99.	.1		P <b>29</b>	L 15	# 96	C/ <b>99</b>	SC 99.3.6		P <b>35</b>	L 16	# 98
Hajduczer	nia, Marek			Bright House I	Network		Hajduczenia	, Marek		Bright House	Network	
Comment	Туре Т	ſR	Comment S	Status X			Comment Ty	/pe TR	Comment	Status X		
expec	ted to mini	oles begi imize the	nning preem a latency for e	ption of a frame express traffic.	e slightly before	express traffic is	for mPa	cket data and	RC covers: The d an indication d only on DATA	of whether this i	tains a cyclic red is the final mPac	undancy check (CRC) ket of a frame it
Suggestee							SuggestedR			theid.		
even k know on hov indivic The e	before it an how you ca w this is ac lual primitiv xample "Fo	rives at f an guara cheieved ves are o or examp	the queue. I t antee that wite is needed, p defined. ble, when the	hink this puts t out delaying ex erhaps not with MAC Client su	he effect before press traffic in a hin the text of in upports schedule	c will begin in the future, the cause. I do not a queue. Clarification troduction but where ed traffic as defined in	Clarify th DATA fin just the Suggest	ne coverage eld "DATA" s MAC Client I to change "l	ince it is confus Data.	sing in context c e 99 to "mPack	of 3.1.1, where D	lested NOT to call ATA is used to indicate Iguish it from regular
sched	uled to be	transmit	ted." does no		sense, since info	fore express traffic is prmation about queuing	Proposed R	esponse	Response	Status O		
Proposed	Response	9	Response S	tatus <b>O</b>			C/ <b>99</b> Haiduczenia	SC <b>99.3.6</b> , Marek		P <b>35</b> Bright House	L 19 Network	# 99
							,			-		
	SC <b>99.</b> nia, Marek	.2.3.1.3		P 32 Bright House I	L <b>39</b> Network	# 97	Comment Ty What is			Status X "the mPacket o		al fragment of a frame"
Hajduczer Comment Conte restate	nia, Marek <i>Type</i> <b>T</b> nt in 99.2.3 ement	ſR	Comment S a repetion of t	Bright House I Status X			What is SuggestedR	, "the final mF <i>cemedy</i> ument - this to	acket"? Likely,	"the mPacket of hout definition	containing the fin	al fragment of a frame"
Hajduczer Comment Conte restate Suggestee Consi	nia, Marek <i>Type</i> <b>T</b> nt in 99.2.3 ement d <i>Remedy</i> der either r	r <b>R</b> 3.1.3 is a removing	a repetion of g 99.2.3.1.3 a	Bright House I Status X content already	Network y included in 99. noving detailed o		What is SuggestedR Per com	, "the final mF <i>cemedy</i> ument - this to	acket"? Likely, erm is used with	"the mPacket of hout definition	containing the fin	al fragment of a frame" # 100
Hajduczer Comment Conte restati Suggested Consi happe	nia, Marek <i>Type</i> <b>T</b> nt in 99.2.3 ement d <i>Remedy</i> der either r	r <b>R</b> 3.1.3 is a removing h value f	a repetion of g 99.2.3.1.3 a	Bright House I Status X content already altogether, or m .1 to 99.2.3.1.3	Network y included in 99. noving detailed o	2.3.1.1, just a	What is SuggestedR Per com Proposed R	, "the final mF <i>gemedy</i> ment - this to esponse SC <b>99.3.6</b>	acket"? Likely, erm is used with	"the mPacket of hout definition	containing the fin  <i>L</i> 14	
Comment Conte restate Suggested Consi happe	hia, Marek <i>Type</i> <b>T</b> nt in 99.2.3 ement <i>dRemedy</i> der either r ens for each	r <b>R</b> 3.1.3 is a removing h value f	a repetion of g 99.2.3.1.3 a from 99.2.3.1	Bright House I Status X content already altogether, or m .1 to 99.2.3.1.3	Network y included in 99. noving detailed o	2.3.1.1, just a	What is SuggestedR Per com Proposed R C/ 99 Hajduczenia Comment Ty	"the final mF eemedy ment - this to esponse SC 99.3.6 , Marek /pe TR	acket"? Likely, erm is used with <i>Response</i> <i>Comment</i>	"the mPacket of hout definition <i>Status</i> <b>O</b> <i>P</i> <b>35</b> Bright House <i>Status</i> <b>X</b>	containing the fin  <i>L</i> 14	# [ <u>100</u>
Hajduczer Comment Conte restati Suggested Consi happe	hia, Marek <i>Type</i> <b>T</b> nt in 99.2.3 ement <i>dRemedy</i> der either r ens for each	r <b>R</b> 3.1.3 is a removing h value f	a repetion of g 99.2.3.1.3 a from 99.2.3.1	Bright House I Status X content already altogether, or m .1 to 99.2.3.1.3	Network y included in 99. noving detailed o	2.3.1.1, just a	What is SuggestedR Per com Proposed R C/ 99 Hajduczenia Comment Ty No requ SuggestedR Change carry the For othe the mPa	The final mF emedy ment - this to esponse SC 99.3.6 , Marek /pe TR irements for emedy : "For the mF e FCS of the er mPackets, acket and the	acket"? Likely, erm is used with <i>Response</i> <i>Comment</i> CRC are prese acket containir original frame ( the CRC fields	"the mPacket of hout definition Status <b>O</b> P <b>35</b> Bright House Status <b>X</b> nt. Also, no "mC ng the final fragr (last 4 octets of shall carry the Dx0000 FFF. T	containing the fin  <i>L</i> 14 Network CRC" has been c ment of a frame, the frame).	# <u>100</u> lefined before the CRC field shall over the DATA field of

Cl 30 SC 30.2.5 P15 L 36	# 101	C/ <b>00</b>	SC 0		P <b>13</b>	L <b>44</b>	# 104
Healey, Adam Avago Technologies		Healey, Ad	am		Avago Techn	ologies	
Comment Type E Comment Status X		Comment			Comment Status X		
Extraneous "]" in the heading.					ontmatter (the commen	t tool needs to b	e updated now that 99
SuggestedRemedy		is an a	ctual clause	number	).		
Remove it.					te is removed prior to fir		
Proposed Response Response Status O				nger am	endment projects runnir	ig in parallel with	1 P802.30r.
		Suggested	-	stical "(a	.g., IEEE P802.3bj and		n
	# 102					IEEE FOUZ.SUK)	•
Healey, Adam Avago Technologies	102	Proposed I	Response	R	esponse Status O		
Comment Type E Comment Status X							
The changes to the definition aLldpXdot3PortConfigTLVsTxEnable relati	ive to IEEE Std	C/ <b>99</b>	SC 99.5.	2.2	P <b>47</b>	L <b>40</b>	# 105
802.3-2015 (and its approved amendements) are not correctly marked.		Healey, Ad	am		Avago Techn	ologies	
SuggestedRemedy		Comment	Гуре Е	C	Comment Status X		
The second paragraph has been reformatted as a list. Show the original strike-through text.	paragraph with		ing at the bo ed to "Thin".	ottom of	the first table and the to	o of the second	able should be
Proposed Response Response Status O		Suggested	Remedy				
		Per co	mment.				
	# 103	Proposed I	Response	R	esponse Status <b>O</b>		
Healey, Adam Avago Technologies	" 103						
Comment Type E Comment Status X		C/ 99	SC 99.5.	3.1	P 48	L3	# 106
This is a comment on the frontmatter (the comment tool needs to be upo	dated now that 99	Healey, Ad			Avago Techn	-	" 100
is an actual clause number).		Comment		C	Comment Status X	0	
IEEE Std 802.3-2012 has two other approved amendments: IEEE Std 80 IEEE Std 802.3bm-2015.	02.3bj-2014 and		ling the PIC				
					s MMx so that it precede		
In addition IEEE Std 802.3br-201x should also be described.					stifies the text in the cel tables is right justified.		
SuggestedRemedy	• · · ·	3. The	status colur		nk. Designate each item		
Add the descriptions of all approved amendments to the introduction (rei introduction of IEEE Std 802.3bm-2015).	fer to the	as app	ropriate.				
		Suggested	-				
		Per co	mment				
Include a description of this amendment to the introduction. Proposed Response Response Status <b>O</b>							

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: Comment ID

C/ 30 SC 30.2.	.5 <i>P</i> 17	L <b>46</b>	# 107	C/ 30 SC 30.	2.5	P 15	L 36	# 110
Healey, Adam	Avago Techi	nologies		Hidaka, Yasuo		Fujitsu Lab o	of America	
Comment Type T	Comment Status X			Comment Type E	Commen	t Status X		
Several attributes	are not assigned to any package	e (aMACMergeVe	erifyDisable,	There is a garba	ge character ']' in fr	ront of clause tit	tle text.	
• •	Time, aMACMergeAddFragSize	e, aMACMergeHo	ldCount).	SuggestedRemedy				
SuggestedRemedy				Remove ']' in from	nt of clause title tex	ct.		
0	es to the appropriate package.			Proposed Response	Response	Status O		
Proposed Response	Response Status O							
				C/ 30 SC 30.	2.5	P 17	L <b>1</b>	# 111
C/ 79 SC 79.3	P 24	L 14	# 108	Hidaka, Yasuo		Fujitsu Lab o	of America	
Healey, Adam	Avago Techi	noiogies		Comment Type E	Commen	t Status X		
Comment Type T	Comment Status X				should be amendm	nent to Table 30	-7 at the right m	ost column, not a new
	Figure 79-6, the IEEE 802.3 sub .6 which defines "EEE Fast Wak 2014.			table.				
SuggestedRemedy				SuggestedRemedv				
	onal Ethernet Capabilities" subty				Merge Package (oj			
Assign the "Additic 79.3.7 and update	the subclause reference in Tabl			Add LLDP MAC Add aLldpXdot3L	_oc* in Table 30-8 i	n page 17 at th		
Assign the "Addition 79.3.7 and update				Add LLDP MAC Add aLldpXdot3L managed object Add aLldpXdot3F	₋oc* in Table 30-8 i class (30.12.2)" in Rem* in Table 30-8	n page 17 at th Table 30-7. in page 17 at th	e end of "oLldpX he end of	dot3LocSystemsGrou
Assign the "Additic	the subclause reference in Tabl			Add LLDP MAC Add aLldpXdot3L managed object Add aLldpXdot3F "oLldpXdot3Rem	Loc* in Table 30-8 i class (30.12.2)" in Rem* in Table 30-8 iSystemsGroup ma	n page 17 at th Table 30-7. in page 17 at th anaged object c	e end of "oLldpX he end of lass (30.12.3)" ir	dot3LocSystemsGrou
Assign the "Additic 79.3.7 and update Proposed Response	the subclause reference in Tabl			Add LLDP MAC Add aLldpXdot3L managed object Add aLldpXdot3F "oLldpXdot3Rem Change "Table 3	₋oc* in Table 30-8 i class (30.12.2)" in Rem* in Table 30-8	in page 17 at th Table 30-7. I in page 17 at th anaged object c 9" in page 15, lir	e end of "oLldpX he end of lass (30.12.3)" in ne 38 with "Table	dot3LocSystemsGrou
Assign the "Additic 79.3.7 and update Proposed Response	the subclause reference in Tabl Response Status <b>O</b>	le 79-1 according	ly.	Add LLDP MAC Add aLldpXdot3L managed object Add aLldpXdot3F "oLldpXdot3Rem Change "Table 3 Change "Table 3 Renumber "Table	Loc* in Table 30-8 i class (30.12.2)" in Rem* in Table 30-8 ISystemsGroup ma IO-8 and Table 30-9 IO-9" in page 15, lin e 30-9" in page 17	n page 17 at th Table 30-7. I in page 17 at th anaged object c 9" in page 15, lin a 48 with "Table	e end of "oLldpX he end of lass (30.12.3)" ir ne 38 with "Table e 30-8".	dot3LocSystemsGrou
Assign the "Additic 79.3.7 and update Proposed Response	the subclause reference in Tabl Response Status <b>O</b> P1	le 79-1 according	ly.	Add LLDP MAC Add aLldpXdot3L managed object Add aLldpXdot3F "oLldpXdot3Rem Change "Table 3 Change "Table 3	Loc* in Table 30-8 i class (30.12.2)" in Rem* in Table 30-8 ISystemsGroup ma IO-8 and Table 30-5 IO-9" in page 15, lin e 30-9" in page 17	n page 17 at th Table 30-7. I in page 17 at th anaged object c 9" in page 15, lin a 48 with "Table	e end of "oLldpX he end of lass (30.12.3)" ir ne 38 with "Table e 30-8".	dot3LocSystemsGrou
Assign the "Additic 79.3.7 and update Proposed Response Cl 00 SC 0 Hidaka, Yasuo Comment Type E This draft is an am	the subclause reference in Tabl Response Status O P1 Fujitsu Lab o Comment Status X tendment of IEEE Std802.3-2012	<i>L</i> <b>2</b> <i>L</i> <b>2</b> of America 2 which is under	ly. # 109	Add LLDP MAC Add aLldpXdot3L managed object Add aLldpXdot3F "oLldpXdot3Rem Change "Table 3 Change "Table 3 Renumber "Table	Loc* in Table 30-8 i class (30.12.2)" in Rem* in Table 30-8 ISystemsGroup ma IO-8 and Table 30-5 IO-9" in page 15, lin e 30-9" in page 17	n page 17 at th Table 30-7. in page 17 at th anaged object c " in page 15, lin le 48 with "Table as "Table 30-8"	e end of "oLldpX he end of lass (30.12.3)" ir ne 38 with "Table e 30-8".	dot3LocSystemsGrou
Assign the "Additic 79.3.7 and update Proposed Response C/ 00 SC 0 Hidaka, Yasuo Comment Type E This draft is an am P802.3bx, and will	the subclause reference in Tabl Response Status O P1 Fujitsu Lab o Comment Status X	<i>L</i> <b>2</b> <i>L</i> <b>2</b> of America 2 which is under	ly. # 109	Add LLDP MAC Add aLldpXdot3L managed object Add aLldpXdot3F "oLldpXdot3Rem Change "Table 3 Change "Table 3 Renumber "Table	Loc* in Table 30-8 i class (30.12.2)" in Rem* in Table 30-8 (SystemsGroup ma 0-8 and Table 30-9 (0-9" in page 15, lin e 30-9" in page 17 <i>Response</i>	n page 17 at th Table 30-7. in page 17 at th anaged object c " in page 15, lin le 48 with "Table as "Table 30-8"	e end of "oLldpX he end of lass (30.12.3)" ir ne 38 with "Table e 30-8".	dot3LocSystemsGrou
Assign the "Additic 79.3.7 and update Proposed Response Cl 00 SC 0 Hidaka, Yasuo Comment Type E This draft is an am P802.3bx, and will SuggestedRemedy	the subclause reference in Tabl Response Status O P1 Fujitsu Lab o Comment Status X not be the latest version when I	<i>L</i> <b>2</b> <i>L</i> <b>2</b> of America 2 which is under EEE P802.3br is	ly. # 109 revision by IEEE published.	Add LLDP MAC Add aLldpXdot3L managed object Add aLldpXdot3F "oLldpXdot3Rem Change "Table 3 Change "Table 3 Renumber "Table	Loc* in Table 30-8 i class (30.12.2)" in Rem* in Table 30-8 (SystemsGroup ma 0-8 and Table 30-9 (0-9" in page 15, lin e 30-9" in page 17 <i>Response</i>	in page 17 at th Table 30-7. If in page 17 at th anaged object c of in page 15, lin a 48 with "Table as "Table 30-8" If Status <b>O</b>	e end of "oLldpX he end of lass (30.12.3)" ir ne 38 with "Table e 30-8". <i>L</i> <b>46</b>	dot3LocSystemsGrou n Table 30-7. ∋ 30-8".
Assign the "Additic 79.3.7 and update Proposed Response Cl 00 SC 0 Hidaka, Yasuo Comment Type E This draft is an am P802.3bx, and will SuggestedRemedy	the subclause reference in Tabl Response Status O P1 Fujitsu Lab o Comment Status X tendment of IEEE Std802.3-2012	<i>L</i> <b>2</b> <i>L</i> <b>2</b> of America 2 which is under EEE P802.3br is	ly. # 109 revision by IEEE published.	Add LLDP MAC Add aLldpXdot3L managed object Add aLldpXdot3F "oLldpXdot3Rem Change "Table 3 Change "Table 3 Renumber "Table Proposed Response	Loc* in Table 30-8 i class (30.12.2)" in Rem* in Table 30-8 ISystemsGroup ma IO-8 and Table 30-9 IO-9" in page 15, lin e 30-9" in page 17 <i>Response</i> 2.5	n page 17 at th Table 30-7. 5 in page 17 at th anaged object c 6" in page 15, lin the 48 with "Table as "Table 30-8" • Status <b>O</b>	e end of "oLldpX he end of lass (30.12.3)" ir ne 38 with "Table e 30-8". <i>L</i> <b>46</b>	dot3LocSystemsGrou n Table 30-7. ∋ 30-8".
Assign the "Additic 79.3.7 and update Proposed Response Cl 00 SC 0 Hidaka, Yasuo Comment Type E This draft is an am P802.3bx, and will SuggestedRemedy Make the entire dra	the subclause reference in Tabl Response Status O P1 Fujitsu Lab o Comment Status X not be the latest version when I	<i>L</i> <b>2</b> <i>L</i> <b>2</b> of America 2 which is under EEE P802.3br is	ly. # 109 revision by IEEE published.	Add LLDP MAC Add aLldpXdot3L managed object Add aLldpXdot3F "oLldpXdot3Rem Change "Table 3 Change "Table 3 Renumber "Table Proposed Response C/ 30 SC 30. Hidaka, Yasuo Comment Type	Loc* in Table 30-8 i class (30.12.2)" in Rem* in Table 30-8 ISystemsGroup ma IO-8 and Table 30-5 IO-9" in page 15, lin e 30-9" in page 17 <i>Response</i> 2.5 <i>Commen</i>	in page 17 at th Table 30-7. If in page 17 at th anaged object c I" in page 15, lin the 48 with "Table as "Table 30-8" Status <b>O</b> P 17 Fujitsu Lab o t Status <b>X</b>	e end of "oLldpX he end of lass (30.12.3)" in he 38 with "Table e 30-8". '. <i>L</i> <b>46</b> of America	dot3LocSystemsGrou n Table 30-7. ∋ 30-8".
Assign the "Additic 79.3.7 and update Proposed Response Cl 00 SC 0 Hidaka, Yasuo Comment Type E This draft is an am P802.3bx, and will SuggestedRemedy Make the entire dra P802.3bx.	the subclause reference in Tabl Response Status O P1 Fujitsu Lab o Comment Status X rendment of IEEE Std802.3-2012 not be the latest version when I aft as an amendment of IEEE St	<i>L</i> <b>2</b> <i>L</i> <b>2</b> of America 2 which is under EEE P802.3br is	ly. # 109 revision by IEEE published.	Add LLDP MAC Add aLldpXdot3L managed object Add aLldpXdot3F "oLldpXdot3Rem Change "Table 3 Change "Table 3 Renumber "Table Proposed Response C/ 30 SC 30. Hidaka, Yasuo Comment Type	Loc* in Table 30-8 i class (30.12.2)" in Rem* in Table 30-8 ISystemsGroup ma IO-8 and Table 30-5 IO-9" in page 15, lin e 30-9" in page 17 <i>Response</i> 2.5 <i>Commen</i>	in page 17 at th Table 30-7. If in page 17 at th anaged object c I" in page 15, lin the 48 with "Table as "Table 30-8" Status <b>O</b> P 17 Fujitsu Lab o t Status <b>X</b>	e end of "oLldpX he end of lass (30.12.3)" in he 38 with "Table e 30-8". '. <i>L</i> <b>46</b> of America	dot3LocSystemsGrou n Table 30-7. ≥ 30-8". # <u>112</u>
Assign the "Additic 79.3.7 and update Proposed Response C/ 00 SC 0 Hidaka, Yasuo Comment Type E This draft is an am P802.3bx, and will SuggestedRemedy Make the entire dra P802.3bx.	the subclause reference in Tabl Response Status O P1 Fujitsu Lab o Comment Status X rendment of IEEE Std802.3-2012 not be the latest version when I aft as an amendment of IEEE St	<i>L</i> <b>2</b> <i>L</i> <b>2</b> of America 2 which is under EEE P802.3br is	ly. # 109 revision by IEEE published.	Add LLDP MAC Add aLldpXdot3L managed object Add aLldpXdot3F "oLldpXdot3Rem Change "Table 3 Change "Table 3 Change "Table 3 Renumber "Table Proposed Response Cl 30 SC 30. Hidaka, Yasuo Comment Type E The order of row SuggestedRemedy Move the row of	Loc* in Table 30-8 i class (30.12.2)" in Rem* in Table 30-8 ISystemsGroup ma IO-8 and Table 30-9 IO-9" in page 15, lin e 30-9" in page 17 <i>Response</i> 2.5 2.5 5 <i>Commen</i> s of Table 30-9 is in	in page 17 at th Table 30-7. 5 in page 17 at th anaged object cl 9" in page 15, lin the 48 with "Table as "Table 30-8" • Status <b>O</b> • Status <b>O</b> • P 17 Fujitsu Lab of t Status <b>X</b> nconsistent with vDisable" after t	e end of "oLldpX he end of lass (30.12.3)" ir ne 38 with "Table e 30-8". <i>L</i> 46 of America n the order of sub he row of "aMAC	dot3LocSystemsGrou Table 30-7. 30-8". # <u>112</u> poclauses of 30.14.1. CMergeStatusEnable"

C/ <b>30</b> SC <b>30.14.1</b> Hidaka, Yasuo	P 20	L 35	# 113	C/ 99 SC 99 P 29 L 1 # 116
	Fujitsu Lab of	America		Hidaka, Yasuo Fujitsu Lab of America
Comment Type E A period '.' is missing.	Comment Status X			Comment Type E Comment Status X There is only one clause to insert.
				There is no annex to insert.
SuggestedRemedy	and of the line 25 name 20			
·	end of the line 35, page 20.			SuggestedRemedy
Proposed Response	Response Status O			Change "new clauses and corresponding annexes" with "a new clause".
				Proposed Response Response Status O
CI 79 SC 79.4.2	P <b>25</b>	L 37	# 114	
Hidaka, Yasuo	Fujitsu Lab of	America		C/ 99 SC 99.2.2 P 32 L 7 # 117
Comment Type E	Comment Status X			Hidaka, Yasuo Fujitsu Lab of America
The bottom border line	e of Table 79-9 is not thick.			Comment Type E Comment Status X
SuggestedRemedy				Only one primitive is defined.
Make the bottom bord	ler line of Table 79-9 thick.			SuggestedRemedy
Proposed Response	Response Status 0			Change "primitives are" with "primitive is".
				Proposed Response Response Status O
CI 79 SC 79.4.2	P <b>25</b>	L <b>54</b>	# 115	
Hidaka, Yasuo	Fujitsu Lab of	America		C/ 99 SC 99.4.4 P 36 L 27 # 118
Comment Type E	Comment Status X			Hidaka, Yasuo Fujitsu Lab of America
The bottom border line	e of Table 79-10 is not thick.			Comment Type E Comment Status X
SuggestedRemedy				There is a garbage character "[" in front of clause title.
Make the bottom bord	ler line of Table 79-10 thick.			SuggestedRemedy
Proposed Response	Response Status 0			Remove a garbage character "[" in front of clause title.
				Proposed Response Response Status O

<i>Cl</i> <b>99</b> SC <b>99.4.5</b> Hidaka, Yasuo	Р <b>37</b> Fujitsu Lab of	L <b>26</b> America	# 119	C/ <b>30</b> SC <b>30.2.5</b> Hidaka, Yasuo	<i>Р</i> <b>17</b> Fujitsu Lab c	L <b>46</b> of America	# 122
Comment Type E The sentense on line 2	Comment Status X 26, page 37 looks odd.			Comment Type <b>T</b> Some Xs are missing	Comment Status X g in Table 30-9.		
SuggestedRemedy				SuggestedRemedy			
Change the sentense	on line 26, page 37 as follows	:		Add Xs for the follow	ing rows in Table 30-9:		
"An mPacket that cont Proposed Response	ains SMD-C continues the dat Response Status <b>O</b>	ta for a preempt	ed frame."	aMACMergeVerifyDi aMACMergeVerifyTl aMACMergeAddFrag aMACMergeHoldCou	ne  Size		
C/ 99 SC 99.5.2.2 Hidaka, Yasuo	Р <b>47</b> Fujitsu Lab of	L <b>41</b> America	# [120	Proposed Response	Response Status <b>O</b>		
<i>Comment Type</i> <b>E</b> The external border lin	Comment Status X les are not thick.			C/ 99 SC 99.3.1 Hidaka, Yasuo	Р <b>33</b> Fujitsu Lab c	L <b>33</b> of America	# 123
SuggestedRemedy				Comment Type T	Comment Status X		
	der lines above and below line	41, page 47 thi	ck.	It is not clear how it i same format as the e	s guaranteed that an mPacket express frame.	t carrying an expr	ess frame has the
Or, remove the blank I				SuggestedRemedy			
Proposed Response	Response Status <b>O</b>			Insert the following p	hrase after "the express frame	e" in page 33, line	33:
				", because SMD-E (i	e. SMD value for an express f	frame) is same as	the SFD value".
C/ <b>30</b> SC <b>30.14</b> Hidaka, Yasuo Comment Type <b>T</b>	P <b>20</b> Fujitsu Lab of <i>Comment Status</i> <b>X</b>	L <b>33</b> America	# 121	frame and another fo	Figure 99-3 to two figures, on r mPacket containing an initia ng an express frame with "SM	I fragment of a fra	
	ACMergeEntity" is also called	I "oMACMerge".		Proposed Response	Response Status <b>O</b>		
SuggestedRemedy Change "oMACMerge"	' with "oMACMergeEntity" at tl	he following loca	ations:				
page 10, line 26 page 17, line 42 page 20, line 33 page 20, line 35							

Proposed Response

Response Status 0

IEEE P802.3br (D2.0) Interspersing Express Traffic Initial Working Group ballot comments SC 99.3.3 P 33 / 52 C/ 99 P 36 # 124 SC 99.4.3 L17 # 127 Fujitsu Lab of America Hidaka, Yasuo Fujitsu Lab of America Comment Type т Comment Status X Comment Type T Comment Status X

# 125

# 126

It seems "frame number" is also called as "frame count".

SuagestedRemedv

Hidaka, Yasuo

C/ 99

Change "frame number" with "frame count" in the following locations:

Page 33, line 52 (2 locations) Page 33, line 54 Page 37, line 31 Page 41. line 39

Proposed Response Response Status 0

CI 99	SC	99.4	P 35	L 27
Hidaka, Y	asuo		Fujitsu Lab of A	America
Comment	Туре	т	Comment Status X	
"enab	led" see	ems mo	re relevant in this context than "a	active", b

pecause "enabled" and "disabled" are used in the rest of the paragraph.

# SuggestedRemedy

Change "active" in page 35, line 27 with "enabled".

Proposed Response Response Status 0

SC 99.4.1 C/ 99 Hidaka, Yasuo

P 35 L 36

Fujitsu Lab of America

Comment Type Comment Status X т

"disabled" may be more relevant here than "not enabled".

SuggestedRemedy

Change "not enabled" with "disabled" on line 36 and 38 in page 35.

Proposed Response Response Status 0

C/ 99	SC 99.4.5	P 37	L <b>20</b>	# 128	_
Hidaka, Y	′asuo	Fujitsu Lab of	America		
Commen	t Type TR	Comment Status X			

Response Status 0

It seems that preemption and an end of mPacket is detected by simply checking mCRC.

This is not an acceptable method, because the original data in the middle of a frame may match the mCRC, and a false end of mPacket is detected. Such a false detection of end of mPacket is repeated, when the same frame is retransmitted.

# SuggestedRemedy

Use one of the following schemes:

"mCRC" is also written as "MCRC".

Change "MCRC" with "mCRC" in the following locations:

It is inconsistent.

Page 36, line 17

Page 36. line 20

Page 36, line 21

Page 36, line 23

Proposed Response

SuggestedRemedv

Option 1: Use a fixed length of mPacket.

Option 2: Decide the length of mPacket before sending mPacket and send the length information at the begining of mPacket.

Option 3: In the transmit process, encode the original data of the frame so that a false mCRC will not be detected by adding some additional information. In the receive process, decode the original data using the additional information.

I recommend option 1, because it is the simplest.

Proposed Response Response Status 0

/ 99 SC 99.4.5	P 37	L 20	# 129	CI <b>99</b>	SC 99	P <b>29</b>	L 1	# 131
idaka, Yasuo	Fujitsu Lab of	Americ		Laubach, N	Mark	Broadco	om Corporation	
omment Type <b>TR</b> It seems that preemption a This is not an acceptable r match the mCRC, and a fa mPacket is repeated, whe	nethod, because the orig alse end of mPacket is de	nal data in the n tected. Such a f	niddle of a frame may	some that th Others constr	nally, I would I manner indica ey will not be s more skilled uction non-imp	Comment Status X ke to see some explicit st tes support for TF Objecti recognized as valid MAC to in those other clauses may bact may be readily appar nev are not recognized as	atement in the text of ve #13: "IET frames frames by a non-IET- y not need this state ent to them. E.g., sor	will be constructed suc capable device.". ment and the IET frame mething like "IET frame
This is an update to my pr	evious comment with add	itional remedy.				r more cross-references}.		
uggestedRemedy Use one of the following so	chemes:			Suggested Up to t	<i>Remedy</i> the TF.			
Option 1: Use a fixed leng Option 2: Decide the lengt information at the begining	h of mPacket before send	ling mPacket an	d send the length	Proposed	Response	Response Status C	)	
Option 3: In the transmit p mCRC will not be detected decode the original data us	I by adding some addition	al information.		C/ <b>30</b> Law, David	SC 30.2.5	<i>Р</i> 17 НР	L <b>20</b>	# 132
Option 4: Transmiter moni of mCRC while transmittin	tors the original data valu g mPacket. If the transmi	es in the frame i ter detects the o	riginal data values	<i>Comment</i> We us	51	Comment Status X		
matching mCRC, the trans the receiver will detect it as from the original data that	s an end of mPacket. The	transmitter resu	imes sending mPacket	Suggested Replac		with 'GET-SET' here, on li	ne 46, and on page 1	18 lines 17 and 18.
I recommend option 1 or 4 Option 1 is the simplest. Option 4 is more complexe		an option 1.		Proposed	Response	Response Status C	)	
roposed Response F	Response Status O							
/ 99 SC 99.4.3	P 36	L 12	# 130					
aubach, Mark	Broadcom Co		π 130					

Comment Type E Comment Status X

Change "the the" to "the".

SuggestedRemedy

Proposed Response Response Status **0** 

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

_aw, David	2.5 <i>P</i> 17 HP	L <b>46</b>	# 133	Cl 99 SC 99.1.1 Law, David	<i>Р</i> <b>30</b> НР	<i>L</i> 1	# 135
	Comment Status X t the order of the capabilities table	e follows the subcl	lause order.		Comment Status X 'PCS, PMA and PMD represen n't normally include such text.	t an example of I	PHY sublayers' is
SuggestedRemedy				SuggestedRemedy	,,		
Order should be:				Remove text as sug	aested.		
aMACMergeSup aMACMergeStat aMACMergeStat	usVerify usEnable			Proposed Response	Response Status <b>0</b>		
aMACMergeVeri aMACMergeStat aMACMergeVeri	usTx fyTime			C/ 99 SC 99.1.1 Law, David	<i>Р</i> <b>30</b> НР	L 12	# 136
aMACMergeAdd aMACMergeFrar	ragSize neAssErrorCount			Comment Type E	Comment Status X		
aMACMergeFrar aMACMergeFrar	neSmdErrorCount neAssOkCount				DMAC to be 'express MEDIA AC DNTROL' in the abbreviation ex		
	1COUNTRY						
aMACMergeFrag aMACMergeFrag				SuggestedRemedy			
aMACMergeFrag aMACMergeFrag aMACMergeHold Proposed Response	CountTx			Change 'eMAC (exp (preemptable MEDI MEDIA ACCESS CO	ress MEDIA ACCESS CONTR A ACCESS CONTROL)' to reac DNTROL' and 'pMAC = PREEM expansion list below the figure.	d pMAC. Add 'eM	IAC = EXPRESS
aMACMergeFrag aMACMergeHolo Proposed Response	gCountTx gCount <i>Response Status</i> <b>O</b>	L 1	# 134	Change 'eMAC (exp (preemptable MEDI MEDIA ACCESS CO	A ACCESS CONTROL)' to read ONTROL' and 'pMAC = PREEM	d pMAC. Add 'eM	IAC = EXPRESS
aMACMergeFrag aMACMergeHold proposed Response 9 99 SC 99. aw, David	gCountTx gCount <i>Response Status</i> <b>O</b> <b>1.1</b> <i>P</i> <b>30</b> HP	L 1	# 134	Change 'eMAC (exp (preemptable MEDI, MEDIA ACCESS CO to the abbreviation e	A ACCESS CONTROL)' to read DNTROL' and 'pMAC = PREEM expansion list below the figure.	d pMAC. Add 'eM	IAC = EXPRESS
aMACMergeFrag aMACMergeHold Proposed Response (7 99 SC 99. aw, David Comment Type E Centre align the	CountTx Count <i>Response Status</i> O 1.1 <i>P</i> 30 HP <i>Comment Status</i> X words 'LAN' 'LAYERS' and 'HIGH	IER LAYERS'. The	e text 'HIGHER	Change 'eMAC (exp (preemptable MEDI, MEDIA ACCESS Co to the abbreviation e Proposed Response	A ACCESS CONTROL)' to reac DNTROL' and 'pMAC = PREEM expansion list below the figure. <i>Response Status</i> <b>0</b>	d pŃAC. Add 'eM IPTABLE MEDIA	IAC = EXPRESS ACCESS CONTRO
aMACMergeFrag aMACMergeHold proposed Response (7 99 SC 99. aw, David comment Type E Centre align the LAYERS' should	CountTx Count <i>Response Status</i> O 1.1 <i>P</i> 30 HP <i>Comment Status</i> X words 'LAN' 'LAYERS' and 'HIGH also be centred, moved nearer to	ER LAYERS'. The	e text 'HIGHER AC Client box, and	Change 'eMAC (exp (preemptable MEDI, MEDIA ACCESS CO to the abbreviation of Proposed Response Cl 99 SC 99.1.1	A ACCESS CONTROL)' to read DNTROL' and 'pMAC = PREEM expansion list below the figure. <i>Response Status</i> <b>O</b> <i>P</i> <b>30</b>	d pŃAC. Add 'eM IPTABLE MEDIA	IAC = EXPRESS ACCESS CONTRO
aMACMergeFrag aMACMergeHold roposed Response / 99 SC 99. aw, David omment Type E Centre align the LAYERS' should there should be of	CountTx Count <i>Response Status</i> O 1.1 <i>P</i> 30 HP <i>Comment Status</i> X words 'LAN' 'LAYERS' and 'HIGH	IER LAYERS'. The the top of the MA o the edge of the I	e text 'HIGHER AC Client box, and MAC Client box, the	Change 'eMAC (exp (preemptable MEDI, MEDIA ACCESS Co to the abbreviation e Proposed Response Cl 99 SC 99.1.1 Law, David Comment Type E I believe that the PH	A ACCESS CONTROL)' to read DNTROL' and 'pMAC = PREEM expansion list below the figure. <i>Response Status</i> <b>O</b> <i>P</i> <b>30</b> HP <i>Comment Status</i> <b>X</b> IY consists of the PCS, PMA ar	d pŃAC. Add 'eM IPTABLE MEDIA <i>L</i> 17	IAC = EXPRESS ACCESS CONTRO # 137
aMACMergeFrag aMACMergeHold roposed Response / 99 SC 99. aw, David omment Type E Centre align the LAYERS' should there should be o spurious dotted I	CountTx Count <i>Response Status</i> O 1.1 <i>P</i> 30 HP <i>Comment Status</i> X words 'LAN' 'LAYERS' and 'HIGH also be centred, moved nearer to dotted lines at each side aligned t	IER LAYERS'. The the top of the MA o the edge of the I	e text 'HIGHER AC Client box, and MAC Client box, the	Change 'eMAC (exp (preemptable MEDI, MEDIA ACCESS Co to the abbreviation e Proposed Response Cl 99 SC 99.1.1 Law, David Comment Type E I believe that the PH	A ACCESS CONTROL)' to reac DNTROL' and 'pMAC = PREEM expansion list below the figure. <i>Response Status</i> <b>0</b> <i>P</i> <b>30</b> HP <i>Comment Status</i> <b>X</b>	d pŃAC. Add 'eM IPTABLE MEDIA <i>L</i> 17	IAC = EXPRESS ACCESS CONTRO # 137
aMACMergeFrag aMACMergeHold roposed Response / 99 SC 99. aw, David omment Type E Centre align the LAYERS' should there should be o spurious dotted I	CountTx Count <i>Response Status</i> O 1.1 <i>P</i> 30 HP <i>Comment Status</i> X words 'LAN' 'LAYERS' and 'HIGH also be centred, moved nearer to dotted lines at each side aligned t	IER LAYERS'. The the top of the MA o the edge of the I	e text 'HIGHER AC Client box, and MAC Client box, the	Change 'eMAC (exp (preemptable MEDI. MEDIA ACCESS CO to the abbreviation of Proposed Response Cl 99 SC 99.1.1 Law, David Comment Type E I believe that the PH xMII (see IEEE Std SuggestedRemedy	A ACCESS CONTROL)' to read DNTROL' and 'pMAC = PREEM expansion list below the figure. <i>Response Status</i> <b>O</b> <i>P</i> <b>30</b> HP <i>Comment Status</i> <b>X</b> IY consists of the PCS, PMA ar 802.3-2012 Figure 1-1).	d pMAC. Add 'eM IPTABLE MEDIA <i>L</i> 17 nd PMD, but doe	NAC = EXPRESS ACCESS CONTRO # $137$ s not include any of t
aMACMergeFrag aMACMergeHold Proposed Response Cl 99 SC 99. Caw, David Comment Type E Centre align the LAYERS' should there should be of spurious dotted I SuggestedRemedy	CountTx Count <i>Response Status</i> O 1.1 <i>P</i> 30 HP <i>Comment Status</i> X words 'LAN' 'LAYERS' and 'HIGH also be centred, moved nearer to dotted lines at each side aligned t	IER LAYERS'. The the top of the MA o the edge of the I	e text 'HIGHER AC Client box, and MAC Client box, the	Change 'eMAC (exp (preemptable MEDI. MEDIA ACCESS CO to the abbreviation of Proposed Response Cl 99 SC 99.1.1 Law, David Comment Type E I believe that the PH xMII (see IEEE Std SuggestedRemedy	A ACCESS CONTROL)' to read DNTROL' and 'pMAC = PREEM expansion list below the figure. <i>Response Status</i> <b>O</b> <i>P</i> <b>30</b> HP <i>Comment Status</i> <b>X</b> IY consists of the PCS, PMA ar	d pMAC. Add 'eM IPTABLE MEDIA <i>L</i> 17 nd PMD, but doe	NAC = EXPRESS ACCESS CONTRO # $137$ s not include any of t

C/ 99 SC 99.1.1 Law, David	<i>Р</i> <b>30</b> НР	L <b>30</b>	# 138	C/ 99 SC 99.4.7. Law, David	4 P 39 HP	L <b>53</b>	# 141
Comment Type E I'd prefer that we use term os for 100Mb/s a	Comment Status X the note in respect to xMII fou and above.	nd in Figure 1-1	since it states that the	Comment Type E Typo. SuggestedRemedy	Comment Status X		
Media Independent Ir for 100 Mb/s impleme	ead 'NOTE-In this figure, the xl nterfaces for implementations of entations this interface is called b/s implementations it is called	of 100 Mb/s and d MII; for 1 Gb/s	above. For example:		detectsa CRC' to read ' a Response Status <b>O</b>	pMAC detects a C	CRC'.
Proposed Response	Response Status O			Cl 99 SC 99.5.3 Law, David	<i>Р</i> <b>47</b> НР	L <b>46</b>	# 142
	P 29 HP Comment Status X to the 'MSSI' here and on the f ervice Interface (MMSI).	L 23 following line are	# 139	SuggestedRemedy	Comment Status X e the overall Clause title, 'MAI 'PICS proforma tables for MA Response Status 0		
SuggestedRemedy Change ' the MSSI Proposed Response	' to read ' the MMSI' her Response Status <b>O</b>	e and on the foll	owing line.	<i>Cl</i> <b>99</b> SC <b>99</b> Law, David	Р <b>6</b> НР	L 1	# 143
C/ 99 SC 99.1	<i>Р</i> <b>29</b> НР	L 28	# 140	Comment Type E Please include the w <ieee_p802d3br_w< td=""><td>Comment Status X vorking group balloter list supp /G_names.pdf&gt;.</td><td>blied in the file</td><td></td></ieee_p802d3br_w<>	Comment Status X vorking group balloter list supp /G_names.pdf>.	blied in the file	
Law, David <i>Comment Type</i> <b>E</b> Suggest that 'transmi	Comment Status X	at 'providing' here	e and twice on line 30.	SuggestedRemedy See comment. Proposed Response	Response Status 0		
SuggestedRemedy		road ' is trans	mitting on 'boro and				
SuggestedRemedy Suggest the text ' is twice on line 30.	s providing an' is changed to		mining an here and				

CI 99	SC 99.4.7.1	P 38	L 17	# 144	CI <b>30</b>	SC 30.
Law, David		HP			Law, David	

# Comment Type ER Comment Status X

The subclause 99.4.7.1 'State diagram conventions' defines prefaces for the PLS service interface, 'e', 'p' and 'r'. Figure 99-2 'MAC Merge Functional Block Diagram' defines a different set of prefaces for the PLS service interface, 'eMAC:', 'pMAC:' and 'RS:', however these are not used anywhere else.

### SuggestedRemedy

To aid clarity I suggest that one set of prefaces are used, and I would suggest that it be those used in Figure 99-2 as they are similar to those used elsewhere, for example IEEE Std 802.3-2012 subclause 80.3.2 'Instances of the Inter-sublayer service interface'.

Proposed Response Response Status **O** 

C/ <b>99</b>	SC 99.4.7	P <b>46</b>	L <b>3</b>	# 145	
Law, David	l	HP			

Comment Type ER Comment Status X

Please provide separate figure numbers and titles for the two state diagrams currently illustrated in Figure 99-7 'Verify State Diagram'.

### SuggestedRemedy

Place the second state diagram in Figure 99-7 in a new Figure 99-8 'Verify Response State Diagram'. In addition change the text at the end of the last paragraph of subclause 99.4.3 'Verifying preemption operation' from '... in Figure 99-7.' to read '... in Figure 99-7 and Figure 99-8.' and add the text 'The Verify Response State Diagram is shown in Figure 99-8.' to the end of the first paragraph of subclause 99.4.7.7 'State diagrams'.

Proposed Response Response Status O

C/ 30	SC 30.14.1.7	P 22	L 16	# 146
Law, David		HP		

Comment Type T Comment Status X

The attribute aMACMergeAddFragSize states that it is a '2-bit integer value used to indicate the value of addFragSize variable used by the Transmit Processing State Machine' yet subclause 99.4.7.3 'Variables' of the Transmit Processing State Machine states that addFragSize is an 'integer in the range 0:7' which requires 3 bits.

# SuggestedRemedy

Change 'A 2-bit integer value ...' to read 'A 3-bit integer value ...'.

Proposed Response Response Status **O** 

C/ 30	SC 30.14.1.2	P <b>21</b>	L 10	# 147
Law, David		HP		

### Comment Type T Comment Status X

Agree with note, the enumeration 'unknown' should be used when the verification status is unknown. Instead an additional enumeration should be provided for when verification has not been initiated.

# SuggestedRemedy

Change the description of the enumeration 'unknown' to read 'verification of preemption operation is unknown'. Add an enumeration 'not initiated' that reads 'verification of preemption operation has not been initiated'. Delete the note.

Proposed Response Response Status O

C/ 30	SC 30.14.1.3	P <b>21</b>	L 14	# 148
Law, David		HP		

# Comment Type T Comment Status X

Since this is a GET-SET attribute, and therefore not just status, suggest that 'status' be removed from the attribute name.

# SuggestedRemedy

Change 'aMACMergeStatusEnable' to ' aMACMergeEnable' here, and throughout the draft.

Proposed Response Response Status **O** 

C/ 30	SC 30.2.5	P 17	L <b>46</b>	# 149
Law, David		HP		

Comment Type T Comment Status X

The attributes aMACMergeVerifyDisable, aMACMergeVerifyTime, aMACMergeAddFragSize and aMACMergeHoldCount are missing any indication of the package they belong to, assume they should be part of the MAC Merge Basic Package.

# SuggestedRemedy

Add an 'X' in the MAC Merge Basic Package for the attributes attributes attributes aMACMergeVerifyDisable (line 46), aMACMergeVerifyTime (page 18, line 18), aMACMergeAddFragSize (page 18, line 19) and aMACMergeHoldCount (page 18, line 25).

Proposed Response Response Status **0** 

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

C/ 99 SC 99.1.1 Law, David	<i>Р</i> <b>30</b> НР	L 10	# 150	<i>Cl</i> <b>99</b> <i>SC</i> <b>99.1</b> Law, David	<i>Р</i> <b>29</b> НР	L <b>1</b>	# 153
Comment Type T	Comment Status X			Comment Type T	Comment Status X		
I believe that the MAC Figure 1-1).	C CLIENT is part of the Data L	ink layer (see IEI	EE Std 802.3-2012		not a sublayer, and since the TS uggest that only the MAC Merge		
SuggestedRemedy				SuggestedRemedy			
Move the dotted line f	from the top of the DATA LINK	ayer to go to th	e top of the MAC		the relationship of MAC Merge d ' the relationship of MAC Mer		
Proposed Response	Response Status O			Proposed Response	Response Status 0		
<i>Cl</i> <b>99</b> <i>SC</i> <b>99.1.1</b> Law, David	<i>Р</i> <b>30</b> НР	L 16	# 151	<i>Cl</i> <b>99</b> SC <b>99.1</b> Law, David	<i>Р</i> <b>29</b> НР	L <b>22</b>	# 154
802.3-2012 Figure 1- SuggestedRemedy	e the 'blocks' at the top and the 1) as some forms of xMII don't at the top and the bottom of t <i>Response Status</i> <b>O</b>	t support physica	l instantiations.	service interface ( express frames ar SuggestedRemedy	at the MAC merge allows ' fram express traffic) to the eMAC to in re ' to the eMAC', aren't the fi the eMAC to' be changed to r <i>Response Status</i> <b>O</b>	terrupt transmis rom the eMAC?	sion Is it correct that
C/ 99 SC 99.1.1 Law, David	<i>Р</i> <b>30</b> НР	L <b>22</b>	# 152	C/ 99 SC 99.4		L <b>1</b>	# 155
Comment Type <b>T</b> I believe that the MDI	Comment Status X is part of the PHYSICAL laye	r (see IEEE Std 8	302.3-2012 Figure 1-1).	Law, David Comment Type <b>T</b>	HP Comment Status X		
SuggestedRemedy Move the dotted line f	from the bottom of the PHYSI	CAL layer to go to	the bottom of the MDI.	the use of 'should' to be mandatory.	at 'The preemption capability sho ' means that this is only recomme As an example a link failure could	ended. It would a determined by the second s	seem to me this needs f a connection being
Proposed Response	Response Status <b>O</b>			partner that does i disabled on link fa	link partner that does support pre not support preemption. Due to th ilure, and this is what is shown in E in the INIT_VERIFICATION sta	nis it would seen Figure 99-7 Ve	n preemption has to be rify State Diagram with
				SuggestedRemedy			

Change '... capability should be disabled ...' to read '... capability shall be disabled ...'.

Proposed Response Response Status **O** 

Cl 99 SC 99.4.7.3 Law, David	3 <i>P</i> 38 HP	L 38	# 156	C/ <b>99</b> SC <b>9</b> Law, David	9.4.7.3	<i>Р</i> <b>39</b> НР	L 17	# 158
Comment Type T	Comment Status X			Comment Type	т	Comment Status X		
multiple of 64, the mi Suggest the calculation subclause 99.4.4 'Tra	s that addFragSize is an integ nimum additional length for no on used in the 'preempt' varial nsmit processing', 64 x (1 + a	onfinal mPackets. ble later in this su uddFragSize), be s	bclause, and stated here so there's	capability is er rather than a c	abled and ontrol, als eceive Pr	Enable' variable states that d FALSE otherwise.'. This m so pEnable only has an imp ocessing State Diagram' an	nakes it sound lil act on transmit,	ke pEnable is a status it has no effect on
no misunderstanding	that the length is simply the n	nultiplication of ac	dFragSize by 64.	SuggestedRemed	/			
from examination of t description in subclau	term 'additional' is used in res he use of the 'preempt' variab use 99.4.4 'Transmit processir x (1 + addFragSize) octets ha	le in the state dia ng' which reads 'p	gram, and the reemption will not	preemption an	d FALSE	to read 'A Boolean variable to disable transmit preempt ibute 30.14.1.3 'aMACMerg	tion.'. If this char	nge is not implemente
	to calculate the minimum leng			Proposed Respon	se	Response Status 0		
indication of it.	s variable is the input that con							"
Change the description non-final mPacket ler addFragSize) octets.	on to read 'Integer in the rangength. The minimum non-final r . Response Status <b>O</b>			Law, David Comment Type The verify_tim verifyTime doe SuggestedRemed	sn't appe ⁄	P 41 HP Comment Status X variable verifyTime to set w ar in the variable list, nor an ault value of verifyTime is 10	e it bounds defir	ned.
Change the description non-final mPacket ler addFragSize) octets. <sup>1</sup> Proposed Response	ngth. The minimum non-final r Response Status O P 39			Law, David Comment Type The verify_tim verifyTime doe SuggestedRemed Delete the text	T er uses a esn't appe ' 'The defa	HP Comment Status X variable verifyTime to set w	/hen it expires, h e it bounds defir ) ms.' From subo	nowever the variable ned. clause 99.4.7.6 (page
Change the description non-final mPacket ler addFragSize) octets. <sup>1</sup> Proposed Response Cl 99 SC 99.4.7.3 Law, David	ngth. The minimum non-final r <i>Response Status</i> O <i>P</i> 39 HP	nPacket length is	64 x (1 +	Law, David Comment Type The verify_tim verifyTime doe SuggestedRemed Delete the text	T er uses a esn't appe ' 'The defa	HP Comment Status X variable verifyTime to set w ar in the variable list, nor ar	/hen it expires, h e it bounds defir ) ms.' From subo	nowever the variable ned. clause 99.4.7.6 (page
Change the description non-final mPacket ler addFragSize) octets. <sup>1</sup> Proposed Response Cl 99 SC 99.4.7.3 Law, David Comment Type T As far as I can tell the in definition of preem	ngth. The minimum non-final r	nPacket length is	64 x (1 + # <u>157</u> am, only as a variable	Law, David <i>Comment Type</i> The verify_tim verifyTime doe <i>SuggestedRemed</i> Delete the text 41, line 50), ac verifyTime An integer in t verify_timer is	T er uses a ssn't appe The defa Id the follo the range done (see	HP Comment Status X variable verifyTime to set w ar in the variable list, nor are ault value of verifyTime is 10 owing variable definition to s 1:128 used to configure the e 99.4.7.6). The default value	rhen it expires, h e it bounds defir 0 ms.' From sub subclause 99.4.7 number of ms a	nowever the variable ned. clause 99.4.7.6 (page 7.3 Variables: fter which the
Change the description non-final mPacket ler addFragSize) octets." Proposed Response Cl 99 SC 99.4.7.3 Law, David Comment Type T As far as I can tell the in definition of preem deleted and the defin	ngth. The minimum non-final r	nPacket length is	64 x (1 + # <u>157</u> am, only as a variable	Law, David Comment Type The verify_tim verifyTime doe SuggestedRemed Delete the text 41, line 50), ac verifyTime An integer in t	T er uses a ssn't appe The defa Id the follo the range done (see	HP Comment Status X variable verifyTime to set w ar in the variable list, nor an ault value of verifyTime is 10 owing variable definition to s	rhen it expires, h e it bounds defir 0 ms.' From sub subclause 99.4.7 number of ms a	nowever the variable ned. clause 99.4.7.6 (page 7.3 Variables: fter which the
non-final mPacket ler addFragSize) octets.' Proposed Response Cl 99 SC 99.4.7.3 Law, David Comment Type T As far as I can tell the in definition of preem deleted and the defin SuggestedRemedy Change 'The value of	ngth. The minimum non-final r	nPacket length is <i>L</i> 14 in any state diagraved clarity that the RUE +' to read	64 x (1 + # <u>157</u> am, only as a variable e variable pActive is	Law, David <i>Comment Type</i> The verify_tim verifyTime doe <i>SuggestedRemed</i> Delete the text 41, line 50), ac verifyTime An integer in t verify_timer is	T er uses a ssn't appe The defa Id the follo the range done (see	HP Comment Status X variable verifyTime to set w ar in the variable list, nor are ault value of verifyTime is 10 owing variable definition to s 1:128 used to configure the e 99.4.7.6). The default value	rhen it expires, h e it bounds defir 0 ms.' From sub subclause 99.4.7 number of ms a	nowever the variable ned. clause 99.4.7.6 (page 7.3 Variables: fter which the

CI 30	SC 30.14.1.2	P <b>21</b>	L <b>8</b>	# 160
Law, David		HP		

# Comment Type TR Comment Status X

To ensure interoperability, further details should be provided as to how this attribute reflects the normative MAC Merge state diagrams, as for example is already done for 30.14.1.7 'aMACMergeAddFragSize' and 30.14.1.8 'aMACMergeFrameAssErrorCount'. Since this attribute relates to the verify status suggest it should map to Figure 99-7 'Verify State Diagram'.

### SuggestedRemedy

Suggest the behaviour should be updated to read:

This attribute indicates (when accessed via a GET operation) the status of the MAC Merge verification function defined in 99.4.3 on the given device. The SET operation shall have no effect on a device.

The enumeration "unknown" indicates that the Verify State diagram (Figure 99-7) is in the state INIT\_VERIFICATION. The enumeration "verifying" indicates that the Verify State diagram (Figure 99-7) is in the state VERIFICATION\_IDLE, SEND\_VERIFY or WAIT\_FOR\_RESPONSE. The enumeration "succeeded" indicates that the Verify State diagram is in the state VERIFIED. The enumeration "failed" indicates that the Verify State diagram is in the state VERIFICAT.

Proposed Response	Response Status	ο
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C/ 30	SC 30.14.1.3	P <b>21</b>	L <b>21</b>	# 161
Law, David	l	HP		

Comment Type TR Comment Status X

To ensure interoperability, further details should be provided as to how this attribute interacts with the normative MAC Merge state diagrams, as for example is already done for 30.14.1.7 'aMACMergeAddFragSize' and 30.14.1.8 'aMACMergeFrameAssErrorCount'. Since this attribute relates to the enabling MAC Merge suggest it should map the state diagram variable pEnable.

# SuggestedRemedy

Suggest the text 'This attribute maps to the variable pEnable (see 99.4.7.3).' should be added to the end of the behaviour description.

Proposed Response Response Status **O** 

C/ 30	SC 30.14.1.4	P <b>21</b>	L <b>28</b>	# 162
Law, David		HP		

### Comment Type TR Comment Status X

To ensure interoperability, further details should be provided as to how this attribute interacts with the normative MAC Merge state diagrams, as for example is already done for 30.14.1.7 'aMACMergeAddFragSize' and 30.14.1.8 'aMACMergeFrameAssErrorCount'. Since this attribute relates to the disabling verification suggest it should map the state diagram variable disableVerify.

# SuggestedRemedy

Suggest the text 'This attribute maps to the variable disableVerify (see 99.4.7.3).' should be added to the end of the behaviour description.

Proposed Response Response Status O

C/ 30	SC 30.14.1.5	P <b>21</b>	L <b>43</b>	# 163
Law, David		HP		

Comment Type TR Comment Status X

To ensure interoperability, further details should be provided as to how this attribute reflects the normative MAC Merge state diagrams, as for example is already done for 30.14.1.7 'aMACMergeAddFragSize' and 30.14.1.8 'aMACMergeFrameAssErrorCount'. Since this attribute relates to the transmit preemption status suggest it should map to Figure 99-4 'Transmit Processing State Diagram'.

In addition, since the status of the MAC Merge function in the transmit direction is not impacted by the status of verification when disableVerify is set TRUE, and the state of disableVerify and verification are indicated by the aMACMergeVerifyDisable and aMACMergeStatusVerify attributes respectively, suggest that this attribute should only reflect the status of the MAC Merge function in the transmit direction.

# SuggestedRemedy

Suggest that there should only be three enumerations that read:

unknown transmit preemption status is unknown inactive transmit preemption is inactive active verification succeeded and transmit preemption is active

and that the text 'This attribute maps to the variable preempt (see 99.4.7.3).' should be added to the end of the behaviour description.

Proposed Response Response Status **O** 

Cl 30	SC 30.14.1.6	P 22	L <b>6</b>	# 164	
Law. David		HP			

# Comment Type TR Comment Status X

To ensure interoperability, further details should be provided as to how this attribute reflects the normative MAC Merge state diagrams, as for example is already done for 30.14.1.7 'aMACMergeAddFragSize' and 30.14.1.8 'aMACMergeFrameAssErrorCount'. Since this attribute relates to configuring the rate at which verification mPacket retries occur suggest this map to verify\_timer.

### SuggestedRemedy

Assuming my comment to define the variable verifyTime is accepted, suggest the text 'This attribute maps to the variable verifyTime (see 99.4.7.3).' should be added to the end of the behaviour description. If not the text 'This attribute maps to verifyTime (see 99.4.7.6).' should be added to the end of the behaviour description.

e Status	0
	e Status

C/ <b>99</b>	SC 99.1.1	P 30	L <b>1</b>	# 165
Law, Dav	/id	HP		

### Comment Type TR Comment Status X

This figure is a mixture of the layer diagram that we usually provide, along with some interlayer service interface information. I would prefer that [1] we limit this particular diagram to show, as usual, just the location of the sublayer defined by the Clause in relation to the OSI seven layer model and the IEEE 802.3 Ethernet Layers and [2] provide a more detailed interlayer service interfaces diagram similar to IEEE Std 802.3-2012 Figure 78-1 and 90-1.

#### SuggestedRemedy

Please replace the current Figure 99-1 layer model with the figure found on page 1 of IEEE\_P802d3br\_figures\_DL.pdf and insert a new Figure 99-2 to provide a detailed interlayer service interfaces diagram using the figure found on page 2 of IEEE\_P802d3br\_figures\_DL.pdf. I have provided this file in both pdf for posting along with the comment database, and in FrameMaker to ease incorporation should this comment be accepted.

Please not I've included a number of comments on the existing figure if this comment isn't accepted.

Proposed Response Response Status **O** 

C/ 99	SC 99.4.7.3	P 38	L <b>44</b>	# 166
Law, David		HP		

### Comment Type **TR** Comment Status **X**

The description for the variable 'disableVerify' states that it is 'A Boolean variable that is set TRUE to disable verification and FALSE to enable verification'. I however don't see how it has any effect on the operation of the Figure 99-7 'Verify State Diagram'. Instead the only use of the variable I can find is in the equation for the variable 'pActive' (line 14), and the only use of the pActive variable is in the equation for the variable 'preempt' (line 21). Based on these equations, when disableVerify is set to TRUE, the variable preempt is no longer dependant on the state of the variable 'verified', the output of the Verify State Diagram.

Hence the variable 'disableVerify' removes the need for successful verification before the operation of preemption. However when disableVerify is set to TRUE, the Verify State Diagram will still operate as normal, sending verify frames and looking for responses. This seems contrary to the variable description since I wouldn't expect verification frames to be sent when it is stated that the variable disableVerify '... is set TRUE to disable verification ...'. This also doesn't seem to match the subclause 99.4.3 'Verifying preemption operation' statement that ' Verification may be disabled'.

Instead I think disableVerify set to TRUE should set the Figure 99-7 'Verify State Diagram' back to its initial state 'INIT\_VERIFICATION'.

# SuggestedRemedy

Update the Figure 99-7 'Verify State Diagram' so that disableVerify set to TRUE places the state diagram back to its initial state INIT\_VERIFICATION. This can be achieved by adding disableVerify as an additional OR condition to the current open arrow in to this state. This will not result in verification mPacket truncation if disableVerify is set to TRUE during a verification mPacket transmission as the Verify State Diagram doesn't send packets. Instead it causes Figure 99-4 'Transmit Processing State Diagram' to send them through the 'send\_v' variable, and that process will still complete regardless of the state of Verify State Diagram and the variable disableVerify.

In summary on page 46, line 2, change the text to read 'begin + link\_fail + disableVerify'. Note I have also submitted a comment suggesting that pEnable be added to this equation.

Proposed Response Response Status **O** 

Cl <b>99</b>	SC 99.4.7.6	P <b>41</b>	L <b>43</b>	# 167	CI <b>99</b>
Law, David	1	HP			Law, Dav
Comment	Type <b>TR</b>	Comment Status X			Commer
'State		efined with reference to subo or an example. This will defin s cleared.			l dor for a mRx
Suggested	lRemedy				CHE them
Chang	e the subclause	to read:			to ID
All time	ers operate in the	e manner described in 14.2.3	3.2.		respe
ipg tin	ner				Suggeste
A time		es since the end of the prior	frame. The time	will expire 96 bit times	Add disca
	C				Proposed
verify	timer				
		en a verification mPacket wa	as sent to initiatir	g the next attempt.	
A time The tin	r of time from wh ner will expire ve	en a verification mPacket wa rifyTime ± 20% ms after beir			<u> </u>
A time The tin verifyT	r of time from wh ner will expire ve ïme is 10 ms.	rifyTime ± 20% ms after beir			Cl 99
A time The tin verifyT	r of time from wh ner will expire ve ïme is 10 ms.				Law, Day
A time The tin verifyT	r of time from wh ner will expire ve ïme is 10 ms.	rifyTime ± 20% ms after beir			Law, Dav Commen
A time The tin verifyT Proposed i	r of time from wh ner will expire ve ïme is 10 ms.	rifyTime ± 20% ms after beir			Law, Day
A time The tin verifyT Proposed I Cl 99	r of time from wh ner will expire ve ïme is 10 ms. <i>Response</i> SC <b>99.4.7.7</b>	rifyTime ± 20% ms after beir <i>Response Status</i> <b>0</b>	ng started. The d	efault value of	Law, Day Comment I don Filter mRx
A time The tin verifyT Proposed I Cl 99 Law, Davic	r of time from wh ner will expire ve ïme is 10 ms. <i>Response</i> SC <b>99.4.7.7</b>	rifyTime ± 20% ms after beir <i>Response Status</i> 0 <i>P</i> 43	ng started. The d	efault value of	Law, Day Comment I don Filten mRx eMA
A time The tin verifyT Proposed I C/ 99 Law, Davic Comment	r of time from wh ner will expire ve "ime is 10 ms. <i>Response</i> SC <b>99.4.7.7</b> t <i>Type</i> <b>TR</b>	rifyTime ± 20% ms after beir <i>Response Status</i> O <i>P</i> 43 HP	ng started. The d	efault value of	Law, Day Commen I don Filter mRx eMA are e
A time The tin verifyT Proposed I Cl 99 Law, Davic Comment When	r of time from wh ner will expire ve "ime is 10 ms. <i>Response</i> <i>SC</i> 99.4.7.7 I <i>Type</i> <b>TR</b> the ipg_timer tim	rifyTime ± 20% ms after beir <i>Response Status</i> <b>0</b> <i>P</i> <b>43</b> HP <i>Comment Status</i> <b>X</b>	ng started. The d	ipg_timer_done	Law, Dav Commen I don Filter mRx eMA are e SMD
A time The tin verifyT Proposed I Cl 99 Law, Davic Comment When should	r of time from wh ner will expire ve "ime is 10 ms. <i>Response</i> SC <b>99.4.7.7</b> I <i>Type</i> <b>TR</b> the ipg_timer time be used as the o	rifyTime ± 20% ms after beir <i>Response Status</i> <b>0</b> <i>P</i> <b>43</b> HP <i>Comment Status</i> <b>X</b> ter expires, ipg_timer_done i	ng started. The d	ipg_timer_done	Law, Day Commen I don Filter mRx eMA are e SMD Suggeste
A time The tin verifyT Proposed I Cl 99 Law, Davic Comment Should Suggested Chang	r of time from wh ner will expire ve "ime is 10 ms. <i>Response</i> SC <b>99.4.7.7</b> I <i>Type</i> <b>TR</b> the ipg_timer time be used as the of <i>IRemedy</i>	rifyTime ± 20% ms after beir <i>Response Status</i> <b>0</b> <i>P</i> <b>43</b> HP <i>Comment Status</i> <b>X</b> ter expires, ipg_timer_done i	ng started. The d L 13 s set true, hence ot ipg_timer = do	# 168 ipg_timer_done ne.	Law, Day Commen I don Filter mRx eMA are e

C/ 99	SC 99.4.7.7	P 44	L 23	# 169
Law, David		HP		

#### Comment Type **TR** Comment Status **X**

I don't see when pRX\_DV is set to FALSE in the 99-5 'Receive Processing State Diagram' for a verify or respond packet. Such packets will enter the pMAC\_DATA\_VALID state when mRxDV becomes TRUE setting pRX\_DV to TRUE. They will then transition between CHECK\_FOR\_START and RX\_PREAMBLE until either a V or R SMD which will transition them in to RCV\_V or RCV\_R respectively. On a bad CRC there will be a transition directly to IDLE\_RX\_PROC, a good CRC will transition through V\_MCRC\_OK or R\_MCRC\_OK respectively. In none of these cases is pRX\_DV set back to FALSE causing the verify or respond packet to be appended to the next packet in the pMAC.

# SuggestedRemedy

Add pRX\_DV(FALSE) to both the RCV\_V and RCV\_R states. This will cause the pMAC to discard the preamble and SMD since they will be shorter than a minimum size packet.

roposed Response Response Status O

C/ 99	SC 99.4.7.7	P <b>45</b>	L 19	# 170
Law, David		HP		

omment Type TR Comment Status X

I don't see the exit from the CHECK\_FOR\_EXPRESS state in the Figure 99-6 'Express Filter State Diagram' in the case of a verify or respond packet. Such packets will set mRxDv to TRUE therefore causing the state diagram to enter eMAC\_RECEIVE\_DATA\_VALID and then with a UCT to CHECK\_FOR\_EXPRESS. There are exits from that state for preamble, SMD-E, SMD-S, SMD-C and ERR, but none for SMD-V and SMD-R.

# SuggestedRemedy

Add 'V' and 'R' as additional OR conditions on the transition to the state 'NOT\_EXPRESS' so it reads 'S + C + V + R + ERR'. Alternative change this condition to read 'ELSE' (see referenced subclause 21.5, Table 21-1 'State diagram operators').

roposed Response Response Status O

C/ 99	SC 99.4.7.7	P 46	L 15	# 171
Law, David		HP		

# Comment Type TR Comment Status X

Setting the variable 'pEnable' to TRUE will cause the Figure 99-7 'Verify State Diagram' to stop sending verification mPackets, however it will not reset the verification process. As a result, for example, if verification with a link partner has failed, and as a result the Verify State Diagram is in the VERIFY\_FAIL state, disabling and then enabling preemption through the use of the pEnable will have no effect. This doesn't seem correct, nor match the subclause 99.4.3 'Verifying preemption operation' statement that 'If preemption capability is enabled and has not been verified, MAC Merge initiates transmission of a verify mPacket.'.

### SuggestedRemedy

Update the Figure 99-7 'Verify State Diagram' so that pEnable set to TRUE places the state diagram back to its initial state INIT\_VERIFICATION. This can be achieved by adding pEnable as an additional OR condition to the current open arrow in to this state. This will not result in verification mPacket truncation if pEnable is set to TRUE during a verification mPacket transmission as the Verify State Diagram doesn't send packets. Instead it causes Figure 99-4 'Transmit Processing State Diagram' to send them through the 'send\_v' variable, and that process will still complete regardless of the state of Verify State Diagram and the variable pEnable.

In summary on page 46, line 2, change the text to read 'begin + link\_fail + pEnable'. Note I have also submitted a comment suggesting that disableVerify be added to this equation.

Proposed Response Re	sponse Status 0
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C/ 30	SC	30.12.2.	1.30	Р		L	# 172
Law, Davi	id			HP			
Comment	Туре	Е	Comr	nent Status	х		
				/' to read ' 35, line 45)		reemption cap	ability' as is already

SuaaestedRemedv

Change '.. preemption capability ...' to read '... the preemption capability ...' here and all other locations in the draft.

Proposed Response Response Status **O** 

C/ 99	SC 99.4.7.4	P <b>40</b>	L 15	# 173
Law, David		HP		

#### Comment Type T Comment Status X

Define the mapping from PLS\_DATA.request to bit values, and the order, as is done in a number of other functions, for the functions FRAG\_DECODE, SFD\_DET, SMD\_DECODE.

#### SuggestedRemedy

Add the text 'The bit is 1 if the corresponding primitive value is ONE and 0 if the corresponding primitive is ZERO. The primitives are mapped to bit 0 to bit 7 in sequence.' after the first sentence.

Proposed Response Response Status **O** 

C/ 99	SC 99.4.7.7	P <b>44</b>	L <b>30</b>	# 174
Law, Davi	d	HP		

### Comment Type T Comment Status X

Although I don't think there is anything incorrect with the use of the prescient function RX\_MCRC\_CK, would it not be simpler to calculate mCRC when mRxDv transitions to FALSE, and that be used to determine the transition. This would also seem to remove the need for the prescient function, which to me in implementation terms implies some form of pipelining, and therefore latency.

# SuggestedRemedy

Suggest that [1] the condition to transition from P\_RECEIVE\_DATA back to P\_RECEIVE\_DATA to be 'mRxDv = TRUE'; [2] the condition to transition from P\_RECEIVE\_DATA to FRAME\_COMPLETE to be 'mRxDv = FALSE \* RX\_MCRC\_CK = FALSE'; [3] the transition from P\_RECEIVE\_DATA to WAIT\_FOR\_DV\_FALSE be deleted; [4] a transition be added from P\_RECEIVE\_DATA to WAIT\_FOR RESUME under the condition 'mRxDv = FALSE \* RX\_MCRC\_CK = TRUE'; the description of the RX\_MCRC\_CK function be changed to read 'Function returning a Boolean value. The value is TRUE if last 32 pPLS\_DATA.indications equal the computed mCRC result for the preemptable frame being received. It is false otherwise.'.

Proposed Response Response Status O

	P 44	L <b>41</b>	# 175	C/99 S	C 99.4.7.4	P <b>40</b>	L <b>52</b>	# 178
Law, David	HP			Law, David		HP		
Comment Type T	Comment Status X			Comment Type	, T	Comment Status X		
we don't allow the ser	conservative on what we ser nding of a verify or response f	rame while a pree	emptable frame is		at the SFD_ ahead at the	DET detect function should next 8 bits.	be defined as a p	prescient function as it
	iggest we define the behaviou is decoded in the CHECK F			SuggestedRem	nedy			
	causes the frame to be disca			See comm	ent.			
encoding of 'V' or 'R'.				Proposed Resp	oonse	Response Status 0		
SuggestedRemedy						, -		
	litional OR conditions on the							
	.SE' so it reads 'E + V + R + I eferenced subclause 21.5, Ta				C 99.4.7.5	P 41	L <b>30</b>	# 179
Proposed Response	Response Status <b>0</b>		agram operators J.	Law, David		HP		
Toposed Response	Response Status U			Comment Type	e T	Comment Status X		
						agSize counter states that it		
CI 99 SC 99.4.7.7	P <b>44</b>	L 50	# 176			e mPacket'. A packet howev Figure 99-3).	er includes the P	reamble and the Star
_aw, David	HP					.ga. e e e e).		
Comment Type T	Comment Status X					et to zero in the IDLE_TX_PI		
In the state ASSEMB	LY_ERROR, doesn't the pRX	_DV function nee	d to be called to set			EMPTABLE_TX state in the -S has been sent in the prev		
data_valid = FALSE.	Without this it appears the fra	igments that occu	Ir up to the transition in	count of the	e octets tran	smitted in the mPacket, but		
	JR state will be concatenated	with the next fram	me that causes an exit	preemptab	le frame.			
to ASSEMBLY_ERRO								
from the CHECK_FO				SuggestedRem				
from the CHECK_FO	R_START state.	risting function ca		Change the	e text ' in t	he current preemptable mPa	acket' to read ' i	n the current
from the CHECK_FOI SuggestedRemedy Add the function call p	R_START state. pRX_DV (FALSE) after the ex	isting function ca	II DISCARD.	Change the preemptab	e text ' in t le frame'.		acket' to read ' i	n the current
from the CHECK_FO SuggestedRemedy Add the function call p	R_START state.	kisting function ca	II DISCARD.	Change the	e text ' in t le frame'.	he current preemptable mPa Response Status <b>O</b>	acket' to read ' i	n the current
from the CHECK_FOI SuggestedRemedy Add the function call p Proposed Response	R_START state. pRX_DV (FALSE) after the ex <i>Response Status</i> <b>0</b>	_		Change the preemptab	e text ' in t le frame'.		acket' to read ' i	n the current
from the CHECK_FOI SuggestedRemedy Add the function call p Proposed Response Cl 99 SC 99.4.7.3	R_START state. pRX_DV (FALSE) after the ex <i>Response Status</i> <b>0</b>	tisting function ca	II DISCARD. # 177	Change the preemptab	e text ' in t le frame'.		acket' to read ' i	n the current
from the CHECK_FOI SuggestedRemedy Add the function call p Proposed Response Cl 99 SC 99.4.7.3 Law, David	R_START state. pRX_DV (FALSE) after the ex <i>Response Status</i> <b>0</b> <i>P</i> <b>38</b>	_		Change the preemptab	e text ' in t le frame'.		acket' to read ' i	n the current
from the CHECK_FOI SuggestedRemedy Add the function call p Proposed Response Cl 99 SC 99.4.7.3 Law, David Comment Type T Suggest that text be a	R_START state. DRX_DV (FALSE) after the ex- Response Status <b>0</b> P <b>38</b> HP Comment Status <b>X</b> added to state that the variabl	L 43 e 'cFrameCnt' is s	# 177	Change the preemptab	e text ' in t le frame'.		acket' to read ' i	n the current
from the CHECK_FOI SuggestedRemedy Add the function call p Proposed Response Cl 99 SC 99.4.7.3 Law, David Comment Type T Suggest that text be a 'SMD_DECODE' func	R_START state. DRX_DV (FALSE) after the ex- <i>Response Status</i> <b>0</b> P 38 HP <i>Comment Status</i> <b>X</b>	L 43 e 'cFrameCnt' is s	# 177	Change the preemptab	e text ' in t le frame'.		acket' to read ' i	n the current
from the CHECK_FOI SuggestedRemedy Add the function call p Proposed Response Cl 99 SC 99.4.7.3 Law, David Comment Type T Suggest that text be a 'SMD_DECODE' func- variables.	R_START state. DRX_DV (FALSE) after the ex- Response Status <b>0</b> P <b>38</b> HP Comment Status <b>X</b> added to state that the variabl	L 43 e 'cFrameCnt' is s	# 177	Change the preemptab	e text ' in t le frame'.		acket' to read ' i	n the current
from the CHECK_FOI SuggestedRemedy Add the function call p Proposed Response Cl 99 SC 99.4.7.3 Law, David Comment Type T Suggest that text be a 'SMD_DECODE' func- variables. SuggestedRemedy	R_START state. DRX_DV (FALSE) after the ex- Response Status <b>O</b> P <b>38</b> HP Comment Status <b>X</b> added to state that the variabl tion. Add similar text for the o	L <b>43</b> e 'cFrameCnt' is s FrameCnt, rxFrag	# 177 set by the gCnt and rxFrameCn	Change the preemptab	e text ' in t le frame'.		acket' to read ' i	n the current
from the CHECK_FOI SuggestedRemedy Add the function call p Proposed Response Cl 99 SC 99.4.7.3 Law, David Comment Type T Suggest that text be a 'SMD_DECODE' function variables. SuggestedRemedy	R_START state. DRX_DV (FALSE) after the ex- Response Status <b>O</b> P 38 HP Comment Status <b>X</b> added to state that the variable tion. Add similar text for the continuation mPacket.' to r	L <b>43</b> e 'cFrameCnt' is s FrameCnt, rxFrag	# 177 set by the gCnt and rxFrameCn	Change the preemptab	e text ' in t le frame'.		acket' to read ' i	n the current

CI 30									
Law, David	SC 30.14.1.9	<i>Р</i> <b>22</b> НР	L 38	# 180	<i>Cl</i> <b>99</b> Law, Davi	SC <b>99.4.7.</b> 7 d	7 P <b>43</b> HP	L <b>41</b>	# 183
Comment Ty	vpe T	Comment Status X			Comment	Type TR	Comment Status X		
The beh unknowr cause a	naviour states tha n SMD value, bu a transition to WA	at the counter is incrementer t an unknown SMD value in IT_FOR_DV_FALSE, not the counter.	n the state CHEC	K_FOR_RESUME will	The c count 'txFrai	ounter 'txFrame er is defined in me' counter to a	Cnt' is incremented in the sta subclause 99.4.7.5 'Counters'		
SuggestedR	Remedy				Suggester	-	mecnt++' to read 'THEN txFra	moul	
Suggest WAIT_F	t the text ' is er FOR_DV_FALSE	ntered (see 99.4.7.7).;' be c state is entered due to the lue "ERR" (see 99.4.7.7).;'.	invocation of the			Response	Response Status <b>O</b>		
Proposed Re	Response	Response Status O			CI 99	SC 99.4.7.7	P 44	L <b>50</b>	# 184
					Law, Davi	d	HP		
CI 30	SC 30.14.1.11	P 23	L <b>2</b>	# 181	Comment	Type TR	Comment Status X		
Law, David <i>Comment T</i> y		HP Comment Status X			no su	ch counter is de	agcnt' is incremented in the si fined in subclause 99.4.7.5 'C counter to zero.		
instance 99-1. It t	e of mFrame I ca therefore may be	I subclause 30.14.1.12 refe n find in the whole draft is t clearer to reference mPac	the heading of the ket. Regardless,	first column of Table is it correct to state	Suggested Chang		nt++' to read 'nxtRxFrag++'.		
that this	would be a cour								
non-frag		nt of 'MAC frame fragments respond and express fram			Proposed	Response	Response Status 0		
non-frag preempt	gmentable verify, table frames.				Proposed	Response	Response Status <b>O</b>		
non-frag preempt SuggestedR Suggest read 'A o	gmentable verify, table frames. Remedy t the subclause 3 count of received AergeFragCount		es as well as non gCountRx' behav and the subclause	-fragmented four be updated to	Proposed	Response	Response Status O		
non-frag preempt SuggestedR Suggest read 'A o 'aMACM (see 99.	gmentable verify, table frames. Remedy t the subclause 3 count of received AergeFragCount <sup>–</sup> .3.1).;'.	respond and express fram 30.14.1.11 'aMACMergeFra d mPackets (see 99.3.1).;' a	es as well as non gCountRx' behav and the subclause	-fragmented four be updated to	Proposed	Response	Response Status <b>O</b>		
non-frag preempt SuggestedR Suggest read 'A ( 'aMACM (see 99. Proposed Re C/ 99	gmentable verify, table frames. Remedy t the subclause 3 count of received AergeFragCount <sup>–</sup> .3.1).;'.	respond and express fram 30.14.1.11 'aMACMergeFra d mPackets (see 99.3.1).;' a fx' behaviour be updated to	es as well as non gCountRx' behav and the subclause	-fragmented four be updated to	Proposed	Response	Response Status 0		
non-frag preempt SuggestedR Suggest read 'A o 'aMACM (see 99. Proposed Ro C/ 99 Law, David	gmentable verify, table frames. Remedy t the subclause 3 count of received AergeFragCount <sup>–</sup> .3.1).;'. Response SC <b>99.4.7.7</b>	respond and express fram 30.14.1.11 'aMACMergeFra d mPackets (see 99.3.1).;' a fx' behaviour be updated to <i>Response Status</i> <b>O</b> <i>P</i> <b>44</b> HP	es as well as non gCountRx' behav and the subclause o read 'A count of	-fragmented iour be updated to a 30.14.1.12 transmitted mPackets	Proposed	Response	Response Status 0		
non-frag preempt SuggestedR Suggest read 'A o 'aMACM (see 99. Proposed Ro C/ 99 Law, David Comment Ty Typo in	gmentable verify, table frames. Remedy t the subclause 3 count of received AergeFragCount <sup>-</sup> .3.1).;'. Response SC 99.4.7.7 Type TR the 'Receive Pro	respond and express fram 30.14.1.11 'aMACMergeFra d mPackets (see 99.3.1).;' a fx' behaviour be updated to <i>Response Status</i> <b>O</b> <i>P</i> 44	es as well as non ngCountRx' behav and the subclause o read 'A count of <i>L</i> <b>41</b> nsition from the	-fragmented iour be updated to a 30.14.1.12 transmitted mPackets	Proposed	Response	Response Status 0		
non-frag preempt SuggestedR Suggest read 'A of 'aMACM (see 99. Proposed Re Cl 99 Law, David Comment Ty Typo in S CHECK SuggestedR	gmentable verify, table frames. Remedy t the subclause 3 count of received AergeFragCount .3.1).;'. Response SC 99.4.7.7 Sype TR the 'Receive Pro C_FOR_RESUME	Response Status O P 44 HP Comment Status X State to CHECK_FRAG_C	es as well as non ngCountRx' behav and the subclause o read 'A count of <i>L</i> <b>41</b> nsition from the	-fragmented iour be updated to a 30.14.1.12 transmitted mPackets	Proposed	Response	Response Status 0		

C/ 99	SC 99.4.7.4	P <b>40</b>	L 15	# 185
Law. David		HP		

# Comment Type TR Comment Status X

The function FRAG\_DECODE states 'Returns a Boolean value of TRUE if the primitives contain a valid frag\_count value and FALSE otherwise'. I can't see any use of this Boolean, there is no variable defined for it, and I don't see any effect on the Receive Processing State Diagram.

The exit from the CHECK\_FRAG\_CNT state in the Receive Processing State Diagram is based only on the value of rxFragCnt returned by the FRAG\_DECODE function equalling, or not equalling, nxtRxFrag. Since the function definition does not define what value to set rxFragCnt to in the case of an invalid frag\_count value, it is bit unclear what is being defined as the require behaviour.

### SuggestedRemedy

Either [a] define the Boolean that is set by the FRAG\_DECODE function, set that variable to FALSE in the IDLE\_RX\_PROC state, and test that variable on exit from the CHECK\_FRAG\_CNT state with it being FALSE causing a transition to the ASSEMBLY\_ERROR state, alternatively (b) update the definition of the FRAG\_DECODE function to set rxFragCnt to (nxtRxFrag - 1) if the primitives contain an invalid frag\_count value, to force an exit to ASSEMBLY\_ERROR out of the CHECK\_FRAG\_CNT state, and delete mention of the Boolean from the definition of the FRAG\_DECODE function.

Proposed Response		Response Status C	Response Status O		
<i>Cl</i> <b>99</b> Law, David	SC 99.4.7.7	<i>Р</i> <b>44</b> НР	L <b>43</b>	# [186	

# Comment Type TR Comment Status X

The reception of a SMD-S while in the CHECK\_FOR\_RESUME state with keepSafterD set to TRUE cause a transition to DISCARD\_KEEP\_S and then to REPLACE\_SMD state. I however don't see the state of data\_valid being changed in any of these states through calls to the PRX\_DV function, and without this it appears the discarded frame and the SMD-S frame will be concatenated.

# SuggestedRemedy

Add the following to the DISCARD\_KEEP\_S state after the call to the DISCARD function:

pRX\_DV (FALSE) A timer to provide an IPG delay pRX\_DV (TRUE)

Proposed Response Response Status O

C/ 30	SC 30.14.1.10	P 22	L 47	# 187
Law, David		HP		

### Comment Type TR Comment Status X

To ensure interoperability, further details should be provided as to when this attribute is incremented.

#### SuggestedRemedy

Suggest the text 'The counter is incremented each time the FRAME\_COMPLETE state of the Receive Processing state Diagram is entered when the previous invocation of the SMD\_DECODE function returned "C" should be added to the end of the behaviour description.

Proposed Response Response Status O

CI 90	SC 90.4.3.1.1	P <b>27</b>	L 33	# 188
Law, David		HP		

### Comment Type TR Comment Status X

The TSII is defined in terms of xMIT signalling yet the MAC MERGE sublayer does not have access to xMIT, so I don't see how the MAC MERGE can be the gRS sublayer when instantiated. In addition this text states the value PMAC indicates a SFD from the PMAC, but at the xMII there will not be the SFD value, instead a SMD-S will occur (see Table 99-1).

# SuggestedRemedy

Change the text so that that MM parameter is mandatory for gRS sublayer supporting TimeSync when layer above is MACMerge. The value EMAC indicates the SMD-E (SFD) value has been detected at the xMII, the value PMAC indicates that a SMD-5 value has been detected at the xMII (see Table 99-1). Make similar changes for the receive path.

Proposed Response Response Status **O** 

Cl 30 SC 30.2.5 Marris, Arthur Comment Type E C	P 15 Cader Comment Status	nce Design Sys	<b>36</b> #	189
		0,1	t	2
Comment Type E 0	Comment Status			
Remove spurious "]"	Common Olatas	x		
SuggestedRemedy Change: "30.2.5 ]Capabilities" to: "30.2.5 Capabilities"				
Proposed Response R	Response Status	0		

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general

Comment ID 189

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COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Comment ID

C/ 30 SC 30.14.1	P <b>20</b> Cadence Des	L 36	# 190	C/ 79 SC 79.3 Marris, Arthur	P <b>24</b> Cadence De	L 14	# 193
Marris, Arthur Comment Type E Spelling	Comment Status X	ign Syst		Comment Type TR TBD value in table.	Comment Status X	sign Syst	
SuggestedRemedy Change "behaviors" to Proposed Response	"behaviours" <i>Response Status</i> <b>0</b>			SuggestedRemedy	ntly used by "EEE Fast Wake T actual value, probably 7.	ſLV"	
C/ 99 SC 99.4.4 Marris, Arthur	P 36 Cadence Des	L <b>27</b> ign Syst	# [191	Make new subclaus Proposed Response	se 79.3.7 Response Status <b>O</b>		
Comment Type E Remove "[" SuggestedRemedy Change "99.4.4 [Trans Proposed Response	Comment Status X smit processing" to "99.4.4 Tra Response Status <b>O</b>	ansmit processir	ng"	Cl 90 SC 90.4.3 Marris, Arthur Comment Type TR It is not clear whay indication.	3.1.1 P 27 Cadence De <i>Comment Status</i> X Clause 90 needs to be modified	0	# 194
CI 30 SC 30.12.1. Marris, Arthur Comment Type TR It is 7 bits not 6. SuggestedRemedy	I.1 P 18 Cadence Des Comment Status X	<i>L</i> <b>36</b> ign Syst	# [192	SuggestedRemedy Either: Do not include Clau Or: Give a proper desc Proposed Response	use 90 in 802.3br ription of the purpose of the MN <i>Response Status</i> <b>O</b>	1 parameter	
Change to: "A read-write string of	7 bits indicating"			C/ 99 SC 99.4.8 Marris, Arthur	B P 46 Cadence De	L <b>38</b> sign Syst	# 195
	nstructions to make it clearer the formatting has changed a <i>Response Status</i> <b>O</b>			standardize someth SuggestedRemedy	Comment Status X ay specified elsewhere in this sta	andard" is not an	

C/ 01         SC 1.4         P 14         L 15         # 196           tan, Adee         Intel	C/ <b>79</b> SC <b>79.3.6</b> Ran, Adee	P <b>24</b> Intel	L <b>28</b>	# 199
Comment Type E Comment Status X Definitions in 1.4 that are used in specific clauses should include clause references.	Comment Type E Inconsistent alignment.	Comment Status X		
uggestedRemedy Add references to IEEE 802.3 clause 99 in 1.4.1, 1.4.2, 1.4.3, and 1.4.4.	SuggestedRemedy Align "7 bits" to the cen	ter of the TLV type box.		
roposed Response Response Status O	Proposed Response	Response Status O		
SC 30.12.2         P 19         L 1         # 197           an, Adee         Intel	C/ 90 SC 90.5 Ran, Adee	P <b>28</b> Intel	L <b>29</b>	# 200
Comment Type E Comment Status X Editing instruction is in 30.12.2, but the changes are to a lower rank subclause, 30.12.2.1.	Comment Type E gRs should be gRS. SuggestedRemedy	Comment Status X		
Similarly for 30.12.3. uggestedRemedy	Change gRs to gRS.			
Add subclause: 30.12.2.1 LLDP Local System Group attributes, and change the editing instruction to "insert new subclauses after"	Proposed Response	Response Status <b>O</b>		
Add subclause: 30.12.2.1 LLDP Local System Group attributes, and change the editing instruction to "insert new subclauses after" Similarly add subclause 30.12.3.1 and change editing instruction.	<i>Cl</i> <b>99</b> SC <b>99.1</b> Ran, Adee	Р <b>29</b> Intel	L 9	# 201
Add subclause: 30.12.2.1 LLDP Local System Group attributes, and change the editing instruction to "insert new subclauses after"         Similarly add subclause 30.12.3.1 and change editing instruction.         roposed Response       Response Status         V 30       SC 30.12.2.1.30       P 19       L 12       # 198         Intel       Intel       Intel       Intel	C/ 99 SC 99.1 Ran, Adee Comment Type E	P 29		
Add subclause: 30.12.2.1 LLDP Local System Group attributes, and change the editing instruction to "insert new subclauses after" Similarly add subclause 30.12.3.1 and change editing instruction. roposed Response Response Status O 7 30 SC 30.12.2.1.30 P 19 L 12 # 198 an, Adee Intel omment Type E Comment Status X Missing period at end of sentence (before semicolon). Also in 30.12.3.1.24, 30.12.3.1.27, 30.12.3.1.33, 30.14.1 Also, missing semicolon after period in 30.14.1.6, 30.14.1.7. uggestedRemedy	Cl 99 SC 99.1 Ran, Adee Comment Type E Repetitive text in parent here. SuggestedRemedy Delete "(MAC Merge)". Proposed Response Cl 99 SC 99.1 Ran, Adee	P 29 Intel Comment Status X theses. It doesn't seem nece Response Status O P 29 Intel		
Add subclause: 30.12.2.1 LLDP Local System Group attributes, and change the editing instruction to "insert new subclauses after"         Similarly add subclause 30.12.3.1 and change editing instruction.         Proposed Response       Response Status         O       Response Status         O       P19       L 12         V 30       SC 30.12.2.1.30       P 19       L 12         Ed 30       SC 30.12.2.1.30       P 19       L 12         Ed an, Adee       Intel       Intel         Comment Type       E       Comment Status       X         Missing period at end of sentence (before semicolon).       Also in 30.12.3.1.24, 30.12.3.1.27, 30.12.3.1.33, 30.14.1	<ul> <li><i>CI</i> 99 SC 99.1</li> <li>Ran, Adee</li> <li><i>Comment Type</i> E</li> <li>Repetitive text in parent here.</li> <li><i>SuggestedRemedy</i></li> <li>Delete "(MAC Merge)".</li> <li><i>Proposed Response</i></li> <li><i>CI</i> 99 SC 99.1</li> <li>Ran, Adee</li> <li><i>Comment Type</i> E</li> </ul>	P 29 Intel Comment Status X theses. It doesn't seem nece Response Status O P 29 Intel Comment Status X nent - it isn't immediately cle	essary to have a	ny further definitinon

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: Comment ID

C/ <b>99</b> SC <b>99.1</b> Ran, Adee	P <b>29</b> Intel	L <b>39</b>	# 203	C/ 99 SC 99.2.3.1.1 Ran, Adee	P <b>32</b> Intel	L <b>29</b>	# 207
Comment Type E How is it determined th	Comment Status X nat the link partner supports p	preemption?		Comment Type E List items are syntactical	Comment Status X y after the word "by".		
SuggestedRemedy Add a reference to 79.	3(.7).			The sentence seems to c effect of RELEASE (a diff follow.	continue after the list, in a ferent topic) immediately f	new paragraph, a ollows. This is ur	and description of the nusual and difficult to
Proposed Response	Response Status O			The list can be changed i clarity.	nto a normal paragraph a	nd RELEASE car	n be separated for
C/99 SC 99.2	P <b>31</b>	L <b>44</b>	# 204	SuggestedRemedy			
an, Adee	Intel			Change "preempt" to "pre	empting" and "start" to "s	tarting".	
Comment Type E	Comment Status X					Ū	
	be a MAC Client supporting p implicit from the previous sen		s sentence seems	Change the list into a reg regardless of"	ular statement: " by pre	empting and no	ot starting ,
SuggestedRemedy				Insert new line before "Th	ne value RELEASE".		
Delete "The MAC Clie	nt may be a MAC Client supp	orting preemptio	n."	Proposed Response	Response Status 0		
Proposed Response	Response Status O						
X 99 SC 99.2.2	P 32	L 11	# 205	C/ 99 SC 99.2.3.1.2 Ran, Adee	P <b>32</b> Intel	L 35	# 208
an, Adee	Intel	211	# 203	Comment Type E	Comment Status X		
Comment Type E Missing space betwee	Comment Status X			This part of the service in the only exception.		itled "When gene	erated" - clause 90 is
SuggestedRemedy Add space.				SuggestedRemedy Rename to "When genera	ated".		
Proposed Response	Response Status 0			Proposed Response	Response Status <b>O</b>		
C/ 99 SC 99.2.3.1	P 32	L 17	# 206				
Comment Type E Missing "of".	Comment Status X						
SuggestedRemedy							
Add "of" after "transfer	.".						

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C/ 99 SC 99.2.2 Ran, Adee	P <b>32</b> Intel	L <b>3</b>	# 209	Cl <b>99</b> SC <b>99.3</b> . Ran, Adee	1 P 33 Intel	L <b>35</b>	# 212	
most of the other cla SuggestedRemedy	Comment Status X proved and made more consistent auses.	ent with service ir	nterface definitions in	Comment Type E Missing cross refe SuggestedRemedy Add cross reference Proposed Response	Comment Status X rence top table 99-1 (twice in this ces. Response Status Q	s paragraph).		
Change "These serv	vices" to "The service interface'							
Proposed Response	Response Status O			C/ <b>99</b> SC <b>99.3</b> . Ran, Adee	2 P 33 Intel	L <b>41</b>	# 213	
C/ 99 SC 99.2.3 Ran, Adee	.1.3 P 32	L <b>47</b>	# 210	Comment Type E	Comment Status X tyle manual: "In general text, isol	ated numbers les	ss than 10 should be	
SuggestedRemedy Remove one period	Comment Status X end of sentence ("pMAC")			spelled out". SuggestedRemedy Change "7" and "6 Proposed Response	" to "seven" and "six" respectivel Response Status <b>O</b>	ly.		
Proposed Response	Response Status <b>O</b>			C/ 99 SC 99.4	P 35	L <b>29</b>	# 214	
C/ 99 SC 99.1	P 29	L 23	# 211	Ran, Adee	Intel			
	Intel <i>Comment Status</i> <b>X</b> le manual: "The use of the word nandatory requirements; will is			Comment Type E Comment Status X This sentence is somewhat confusing. Is there a normative statement here? what doe "can" mean when referring to the link partner?				
Ũ		only used in state			repeated twice, which does not s	seem correct.		
	obably be changed to "shall".	hould be change	d per case.	SuggestedRemedy	aph should be rephrased. In this paragraph to:			
,	and change text containing "will	' as appropriate.			receiver always operates the san			
Proposed Response	Response Status O			enable and use pr	remote transmitter is active or no eemption once the other side has transition between the two ends	s indicated suppo		
				Proposed Response	Response Status <b>O</b>			

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C/ 99 SC 99.4	5	1.00	"			2.47	1.00	
Ran, Adee	P 35 Intel	L 33	# 215	C/ <b>99</b> S Ran, Adee	SC 99.4.5	P <b>37</b> Intel	L <b>20</b>	# 218
Comment Type E	Comment Status X rmat is an already established c	oncept. The expre	ess mPacket is new.	Comment Typ		Comment Status X		
SuggestedRemedy Change to "The express mPa	ng and contains "will", so should acket format is the same as the l vice that does not support preer gh the eMAC."	MAC format. As a			hecks the las st four octets	st four octets of the mPacket of the mPacket match". <i>Response Status</i> <b>O</b>	to see if they ma	atch" to "checks
	-			C/ <b>99</b> S Ran, Adee	SC 99.4.5	P <b>37</b> Intel	L <b>26</b>	# 219
Proposed Response	Response Status <b>O</b>			Comment Typ		Comment Status X		(
C/ 99 SC 99.4.4 Ran, Adee	4 P 36 Intel	L <b>27</b>	# 216	frame."	containing an	SMD-C an mPacket that cor	ntinues the data	for a preempted
Comment Type E Stray character "["	Comment Status X			SuggestedRer	nedy	be a complete sentence.		
SuggestedRemedy Delete "["				Rephrase Proposed Res		intended meaning. Response Status <b>O</b>		
Proposed Response	Response Status O			C/ 99 S	SC 99.4.8	P <b>45</b>	L <b>47</b>	# 220
C/ <b>99</b> SC <b>99.4.</b> Ran, Adee	5 P 37 Intel	L 12	# 217	Ran, Adee Comment Typ		Intel Comment Status X	e the second sec	
Comment Type E "Then PLS_DATA_	Comment Status X _VALID.indication(DATA_NOT_'	VALID) is sent to	the pMAC"	SuggestedRer		proved in this sentence to hel	p the readers.	
This either isn't a c	omplete sentence, or a full-stop	is missing. The r	neaning is not clear.	Change "h	old response	time, HRT," to "hold respon	se time (HRT)".	
	ences already describe what sho D to the pMAC", so this addition			Proposed Res	•	Response Status O		
DATA_NOT_VALIL								
SuggestedRemedy	what this sentence means, or c	lelete it.						

C/ <b>99</b> Ran, Adee	SC 99.4.8	P <b>46</b> Intel	L <b>4736</b>	# 221	C/ <b>30</b> Ran, Adee	SC 30.12.2.1	.30 P 19 Intel	L <b>5</b>	# 224
	-				,				
	51	Comment Status X on this page seems to allow	a longer delay fo	r for an express frame	Comment Ty 802.3bx to 30.12.	already added	Comment Status X subclauses starting at "30.1	2.2.1.30 aLldpX	dot3LocTxFw" and up
long wa should	ay of saying "all be rephrased to	ragraphs, it isn't clear if there other requirements are still v o clarify. Otherwise, this text i r to each other makes it diffic	valid". If there is so is obvious and sho	omething else, it buld be deleted.	SuggestedRe Renumb Proposed Re	er new subclau	uses starting at 30.12.2.1.34 Response Status <b>O</b>	instead of 30.12	2.2.1.30.
iggested Clarify		st and third paragraphs.			C/ <b>79</b> Ran, Adee	SC 79.3.6	P <b>24</b> Intel	L 18	# 225
lf poss cases.	ble, use a table	or a list or some other forma	at to help readers	discriminate these	Comment Ty Subclaus		Comment Status X dy exists, EEE fast wake (a	dded in 802.3bj).	
oposed I	Response	Response Status <b>O</b>			SuggestedRe Renumb	emedy er 79.3.6 to 79	.3.7.		
<b>01</b> an, Adee	SC 1.4	P 14 Intel	L <b>27</b>	# 222	Proposed Re	sponse	Response Status 0		
<i>mment</i> 7 Refere	51	Comment Status X made to the base document	rather than to the	amendment.	<i>Cl</i> <b>99</b> Ran, Adee	SC 99.4.3	P <b>36</b> Intel	L <b>4</b>	# 226
ggested	Remedy				Comment Ty	pe ER	Comment Status X		
Change	e "802.3br" to "8	802.3".			This para	agraph address	ses possible behavior of dev	rices that do not	comply with another
oposed I	Response	Response Status O					nt behavior can take many fe equences or proprietary devi		andard should not
30	SC 30.12.1.1	.1 <i>P</i> 18	L 2741	# 223	It is suffic	cient to state th	nat verification check is requ	ired for preempt	ion.
n, Adee	30 30.12.1.1	Intel	2741	# 223	SuggestedRe	emedy			
mment	vpe ER	Comment Status X			Delete th	e first paragra	ph.		
The ch	51	bclause, relative to the base	document, are m	ore substantial than	Proposed Re	sponse	Response Status O		
uggested	Remedy								
		t with strikethrough font, and	underline all text	after the first					
paragra									

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Cl <b>79</b> SC <b>79.3.6</b> Ran, Adee	P 24 Intel	L <b>28</b>	# 227	C/ <b>99</b> SC <b>99.4.</b> 4 Ran, Adee	4 P 36 Intel	L 35	# 230
Comment Type T	Comment Status X ned in clause 79 has variable	length and such	a generic name.	Comment Type T	Comment Status X a multiple of 64 octets - it is the	he multiplier.	
	ew capabilities will define new prmat (this new TLV is a good pusly defioned TLVs).			"can" should be "m than a capabilty.	ay" here, since it describes a	permissible action	(is permitted to) rahter
SuggestedRemedy				"will" should be "sh	all" here, as this is the normat	tive behavior.	
Rename this TLV to "	Preemption capability" and se	et a fixed length c	of 1 octet.	SuggestedRemedy			
Proposed Response	Response Status O			Change paragraph	to		
C/ 90 SC 90.4.3.1 Ran, Adee	Intel	L <b>26</b>	# 228	preemption occurs, received from the li	cate that its receiver requires a , using the addFragSize field i nk partner is non-zero, then p ) octets of the preemptable fra	n the TLV. If addF reemption shall no	ragSize in the TLV ot occur until at least 64
Comment Type T	Comment Status X			Proposed Response	Response Status <b>O</b>		
"MM" is not a meaning	gful name for this parameter. in TS_RX.indication, althoug	Also, this name i h tha parameter	s used both in meaning is not identical.		Nesponse Status U		
"MM" is not a meaning TS_TX.indication and SuggestedRemedy	gful name for this parameter. in TS_RX.indication, althoug	h tha parameter	meaning is not identical.	C/ 99 SC 99.4.7 Ran, Adee		L 37	# 231
"MM" is not a meaning TS_TX.indication and SuggestedRemedy Rename MM to MM_S	gful name for this parameter.	h tha parameter	meaning is not identical.	Cl 99 SC 99.4.7 Ran, Adee Comment Type T	7.3 P 38	-	
"MM" is not a meaning TS_TX.indication and SuggestedRemedy Rename MM to MM_S Proposed Response	gful name for this parameter. in TS_RX.indication, althoug SOURCE in TS_TX and to MI	h tha parameter	meaning is not identical. X.	Cl 99 SC 99.4.7 Ran, Adee Comment Type T	7.3 P 38 Intel Comment Status X mall number which is technica	-	
"MM" is not a meaning TS_TX.indication and SuggestedRemedy Rename MM to MM_S Proposed Response Cl 99 SC 99.4.2	gful name for this parameter. in TS_RX.indication, althoug SOURCE in TS_TX and to Mf <i>Response Status</i> <b>O</b>	h tha parameter i M_SINK in TS_R	meaning is not identical.	Cl 99 SC 99.4.7 Ran, Adee Comment Type T addFragSize is a su SuggestedRemedy Change "multiple" t	7.3 P 38 Intel <i>Comment Status</i> X mall number which is technica	-	
"MM" is not a meaning TS_TX.indication and SuggestedRemedy Rename MM to MM_S Proposed Response CI 99 SC 99.4.2 Ran, Adee Comment Type T	gful name for this parameter. in TS_RX.indication, althoug SOURCE in TS_TX and to MI <i>Response Status</i> <b>O</b> <i>P</i> 36 Intel <i>Comment Status</i> <b>X</b>	h tha parameter i M_SINK in TS_R: <i>L</i> 2	meaning is not identical. X. # 229	Cl 99 SC 99.4.7 Ran, Adee Comment Type T addFragSize is a su SuggestedRemedy	7.3 P 38 Intel Comment Status X mall number which is technica	-	
"MM" is not a meaning TS_TX.indication and SuggestedRemedy Rename MM to MM_S Proposed Response CI 99 SC 99.4.2 Ran, Adee Comment Type T	gful name for this parameter. in TS_RX.indication, althoug SOURCE in TS_TX and to MI <i>Response Status</i> <b>O</b> <i>P</i> <b>36</b> Intel <i>Comment Status</i> <b>X</b> on link failure is phrased as a	h tha parameter i M_SINK in TS_R: <i>L</i> 2	meaning is not identical. X. # 229	Cl 99 SC 99.4.7 Ran, Adee Comment Type T addFragSize is a st SuggestedRemedy Change "multiple" t Proposed Response	7.3 P 38 Intel Comment Status X mall number which is technica to "multiplier". Response Status O P 24	-	
"MM" is not a meaning TS_TX.indication and SuggestedRemedy Rename MM to MM_S Proposed Response C/ 99 SC 99.4.2 Ran, Adee Comment Type T Disabling preemption probably be normative SuggestedRemedy	gful name for this parameter. in TS_RX.indication, althoug SOURCE in TS_TX and to MI <i>Response Status</i> <b>0</b> <i>P</i> <b>36</b> Intel <i>Comment Status</i> <b>X</b> on link failure is phrased as a e.	h tha parameter i M_SINK in TS_R: <i>L</i> 2	meaning is not identical. X. # 229	Cl 99 SC 99.4.7 Ran, Adee Comment Type T addFragSize is a su SuggestedRemedy Change "multiple" t Proposed Response Cl 79 SC 79.3 Ran, Adee	7.3 P 38 Intel Comment Status X mall number which is technica to "multiplier". Response Status O P 24 Intel	ally not a multiple o	of 64.
"MM" is not a meaning TS_TX.indication and SuggestedRemedy Rename MM to MM_S Proposed Response Cl 99 SC 99.4.2 Ran, Adee Comment Type T Disabling preemption probably be normative	gful name for this parameter. in TS_RX.indication, althoug SOURCE in TS_TX and to MI <i>Response Status</i> <b>O</b> <i>P</i> <b>36</b> Intel <i>Comment Status</i> <b>X</b> on link failure is phrased as a e.	h tha parameter i M_SINK in TS_R: <i>L</i> 2	meaning is not identical. X. # 229	Cl 99 SC 99.4.7 Ran, Adee Comment Type T addFragSize is a su SuggestedRemedy Change "multiple" t Proposed Response Cl 79 SC 79.3 Ran, Adee Comment Type TR	7.3 P 38 Intel Comment Status X mall number which is technica to "multiplier". Response Status O P 24 Intel Comment Status X	ally not a multiple o	of 64.
"MM" is not a meaning TS_TX.indication and SuggestedRemedy Rename MM to MM_S Proposed Response Cl 99 SC 99.4.2 Ran, Adee Comment Type T Disabling preemption probably be normative SuggestedRemedy Change "should" to "s	gful name for this parameter. in TS_RX.indication, althoug SOURCE in TS_TX and to MI <i>Response Status</i> <b>0</b> <i>P</i> <b>36</b> Intel <i>Comment Status</i> <b>X</b> on link failure is phrased as a e.	h tha parameter i M_SINK in TS_R: <i>L</i> 2	meaning is not identical. X. # 229	Cl 99 SC 99.4.7 Ran, Adee Comment Type T addFragSize is a st SuggestedRemedy Change "multiple" t Proposed Response Cl 79 SC 79.3 Ran, Adee Comment Type TR In Table 79-1, subt	7.3 P 38 Intel Comment Status X mall number which is technica to "multiplier". Response Status O P 24 Intel	ally not a multiple o	of 64.
"MM" is not a meaning TS_TX.indication and SuggestedRemedy Rename MM to MM_S Proposed Response Cl 99 SC 99.4.2 Ran, Adee Comment Type T Disabling preemption probably be normative SuggestedRemedy	gful name for this parameter. in TS_RX.indication, althoug SOURCE in TS_TX and to MI <i>Response Status</i> <b>O</b> <i>P</i> <b>36</b> Intel <i>Comment Status</i> <b>X</b> on link failure is phrased as a e.	h tha parameter i M_SINK in TS_R: <i>L</i> 2	meaning is not identical. X. # 229	Cl 99 SC 99.4.7 Ran, Adee Comment Type T addFragSize is a su SuggestedRemedy Change "multiple" t Proposed Response Cl 79 SC 79.3 Ran, Adee Comment Type TR In Table 79-1, subt SuggestedRemedy Change TBD to 7 (f	7.3 P 38 Intel Comment Status X mall number which is technica to "multiplier". Response Status O P 24 Intel Comment Status X	ally not a multiple o <i>L</i> <b>14</b> TBD). 2.3bx).	of 64.

C/ 99 SC 99.4.5 Ran, Adee	5 P 37 Intel	L 11	# 233	Cl <b>79</b> SC <b>79.5.11</b> Regev, Alon	<i>Р</i> <b>26</b> Іхіа	L 18	# 236
dangerous - what is definitely be a norm	Comment Status X D function. "Ensure" by "implem the MTTFPA with an unknown native function, and it is much m pendent" does what is should do	implementation? ore difficult to ver	The DISCARD should	Comment Type E "Capabilities" misspe SuggestedRemedy change "Capabilites"			
one or the other (or	described methods of achieving another one) and make it norm		here. Please choose	Also regenerate the T Proposed Response	able of Contents to correct the Response Status <b>O</b>	ere.	
Proposed Response	Response Status 0			C/ 30 SC 30.2.5 Regev, Alon	<i>P</i> <b>15</b> Ixia	L 36	# 237
CI 99         SC  99.2.3 Regev, Alon Comment Type     E	3.1.3 P 32 Ixia Comment Status X	L <b>45</b>	# 234	Comment Type E Extra "]" before Capa	Comment Status X bilities		
	n fragment size requirements ar nner" serier contains a comma.	e met," the comn	na should be a	SuggestedRemedy Change "]Capabilities	" to "Capabilities"		
	ragment size requirements are internet size requirements are net,"			Proposed Response	Response Status <b>O</b>		
Proposed Response	Response Status O			Cl 99 SC 99.2.2 Regev, Alon	<i>Р</i> <b>32</b> Іхіа	L 11	# 238
C/ <b>999</b> SC Regev, Alon	Р <b>3</b> Іхіа	L 14	# 235	Comment Type E "MACMerge" should	Comment Status X be "MAC Merge"		
Comment Type E Extra space before	Comment Status X			SuggestedRemedy Change "MACMerge'	0		
SuggestedRemedy Change "Traffic ." to	o "Traffic."			Proposed Response	Response Status O		
Proposed Response	Response Status <b>O</b>						

Cl 99 SC 99.3.3 Regev, Alon	<i>Р</i> <b>33</b> Іхіа	L <b>49</b>	# 239	C/         99         SC         99.4.7.3         P 39         L 39         # 243           Regev, Alon         Ixia
Comment Type E "inTable 99–1" should b	Comment Status X e "in Table 99-1"			Comment Type E Comment Status X "intial" should be "initial"
SuggestedRemedy change "inTable 99–1" t	to "in Table 99–1"			SuggestedRemedy change "intial" to "initial"
Proposed Response	Response Status O			Proposed Response Response Status O
C/ 99 SC 99.3.3 Regev, Alon	<i>P</i> <b>34</b> Ixia	L 3	# 240	C/ 99 SC 99.4.7.6 P 41 L 46 # 244 Regev, Alon Ixia
Comment Type E Two periods instead of 7	Comment Status X			Comment Type E Comment Status X missing period.
SuggestedRemedy Change "" to "."				SuggestedRemedy Change
Proposed Response	Response Status <b>O</b>			"A timer counting bit times since the end of the prior frame The timer will set ipg_timer_done when it reaches 96 bit times."
C/ 99 SC 99.4.3 Regev, Alon	<i>P</i> <b>36</b> Ixia	L 12	# 241	to "A timer counting bit times since the end of the prior frame. The timer will set ipg_timer_done when it reaches 96 bit times."
Comment Type E "the" repeated twice	Comment Status X			Proposed Response Response Status <b>O</b>
SuggestedRemedy change "the the" to "the	n			C/ 99 SC 99.4.7.7 P 42 L 3 # 245
Proposed Response	Response Status O			Regev, Alon Ixia Comment Type E Comment Status X Figrure is repeated twice
Cl 99 SC 99.4.7.3 Regev, Alon	Р <b>39</b> Іхіа	L <b>24</b>	# 242	SuggestedRemedy change "Figure Figure 99–4" to "Figure 99–4"
Comment Type E "an pPLS_DATA.reques	Comment Status X st" should be "a pPLS_DATA	request"		Proposed Response Response Status <b>O</b>
SuggestedRemedy Chagne "an pPLS_DAT	A.request" to "a pPLS_DATA	A.request"		
Proposed Response	Response Status <b>O</b>			

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: Comment ID

IEEE P802.3br (D2.0) Interspersing Express Traffic Initial Working Group ballot comments C/ 99 SC 99.5.3.2 P 48 L 40 C/ 99 L 29 # 246 SC 99.2.3.1.1 P 32 # 249 Regev. Alon Regev. Alon Ixia Ixia Comment Type E Comment Status X Comment Type Е Comment Status X "fram" should be "frame" (really it should be packet, but there is a separate comment on the a) and b) should be in the present progressive tense (to match the beginning of the sentence "The value HOLD suspends transmission from the pMAC by" that). SuggestedRemedy SuagestedRemedv change "fram" to "frame" Change "a) preempt any preemptable frame in progress if preemption is active and Proposed Response Response Status O b) not start transmission of frames from the pMAC" То "a) preempting any preemptable frame in progress if preemption is active and C/ 79 SC 79.4.2 P 24 L 54 # 247 b) not starting transmission of frames from the pMAC" Regev, Alon Ixia Proposed Response Response Status 0 Comment Type Ε Comment Status X missing space between "Table 79-9" and "and" SC 99.2.3.1.3 SugaestedRemedv C/ 99 P 32 L 47 # 250 Change "Table 79-9and" to "Table 79-9 and" Regev, Alon Ixia Proposed Response Response Status 0 Comment Type Comment Status X E two periods at the end of the sentence. SuggestedRemedy C/ 79 SC 79.4.2 P 25 L 12 # 248 Change ".." to "." Regev, Alon Ixia Proposed Response Response Status 0 Comment Type Е Comment Status X "0=not active" should be "0 = not active" to match the format elsewhere SuggestedRemedy C/ 99 SC 99.3.1 P 33 L 32 # 251 Chagne "0=not active" to "0 = not active" Reaev. Alon Ixia Proposed Response Response Status 0 Comment Type E Comment Status X "The format of an mPacket depends on data it carries." should be "The format of an mPacket depends on the data it carries." SugaestedRemedv Change "The format of an mPacket depends on data it carries." to "The format of an mPacket depends on the data it carries." Proposed Response Response Status 0

C/ 99 SC 99.3.1	P 33	L <b>35</b>	# 252		L <b>41</b> # 255
Regev, Alon	Ixia			Regev, Alon Ixia	
Comment Type E the reference to Table	Comment Status X 99-1 is text instead of being a	a link		Comment Type E Comment Status X use "attempts" instead of "tries" as it's meaning is cleared	r.
SuggestedRemedy				SuggestedRemedy	
In both 35 and 37, cha	inge the texgt "Table 99-1" to	a link to Table 9	9-1.	Change "tries" to "attempts"	
Proposed Response	Response Status O			Proposed Response Response Status O	
C/ 99 SC 99.4.4	P 36	L <b>27</b>	# 253		L 28 # 256
Regev, Alon	Ixia			Regev, Alon Ixia	
Comment Type E	Comment Status X			Comment Type T Comment Status X	
"[Transmit Processing	" contains an extra "["			"This amendment includes [complete]" is not complete.	
SuggestedRemedy Remove the "["				While we don't yet know exactly which version of 802.3 ( ammendments will be included, we do need to include a	
Proposed Response	Response Status 0			SuggestedRemedy	
				Change "IEEE Std 802.3xx™-201x	
C/ 99 SC 99.4.7.4	P <b>39</b>	L <b>53</b>	# 254	This amendment includes [complete]"	
Regev, Alon	Ixia			То	
Comment Type E "detectsa" should be " "(99.4.5)" should ber " SuggestedRemedy				"IEEE Std 802.3br™-201x Amendment X - This amendment specifies additions t IEEE Std 802.3-201X to add support for interspersing exp traffic. This is achieved by defining a MAC Merge sublay Media Access Control (MAC) and a preemptable MAC to	press traffic with preemptable er which attaches an express
change "detectsa" to " change "(99.4.5)" to (s				Sublayer (PLS) service."  Proposed Response Response Status <b>0</b>	
Proposed Response	Response Status 0				

CI 79 SC 79.3	P <b>24</b>	L 14	# 257	CI <b>99</b>	SC 99.4.5	P 37	L 8	# 260
Regev, Alon	Ixia			Regev, Alor		Ixia		
Comment Type <b>T</b>	Comment Status X			Comment T	уре Т	Comment Status X		
Working Group ballot	ts should not contain TBD valu	es.		receive indicatir	processing enang DATA_NOT	eive processing was pro sures that the pMAC will _VALID to the pMAC." it	detect a FrameChe	ckError prior to
On Page 24, line 14,	change "TBD" to "6"				ng an SMD-S i	sreceived		
On Page 24, line 25,	change "802.3 subtype = TBD	" to "802.3 subty	De = 6"	SuggestedF				
Proposed Response	Response Status <b>O</b>			ensures	ve processing	was processing an incor c will detect a FrameChe the pMAC."		
C/ 99 SC 99.3.1	P 33	L 36	# 258	_	_			
Regev, Alon	Ixia			To "If an m	Packet contain	ing an SMD-S is receive	d when receive pro	cessing was processing
Comment Type <b>T</b>	Comment Status X			an inco	nplete preemp	ted frame, receive proce	ssing ensures that t	the pMAC will detect a
preemptable frame (t	Packet carrying any of the noni transmitted by pMAC) has an S nt counter octet (ERAG_COUN	SMD value, per Ta	able 99-1, and includes	FrameC Proposed R	esponse	Response Status O		
preemptable frame (t an additional fragmer would be clearer if ins initial fragment SMD SuggestedRemedy	transmitted by pMAC) has an S nt counter octet (FRAG_COUN stead of just saying "has an SM value"	SMD value, per Ta IT) following the S /ID value" the spe	able 99-1, and includes SMD." is correct, but ac states "has a non-		SC 99.4.5	Response Status O P 37 Ixia	L 28	# 261
preemptable frame (t an additional fragmer would be clearer if ins initial fragment SMD SuggestedRemedy Change "has an SME	transmitted by pMAC) has an S nt counter octet (FRAG_COUN stead of just saying "has an SM value" O value" to "has a non-initial fra	SMD value, per Ta IT) following the S /ID value" the spe	able 99-1, and includes SMD." is correct, but ac states "has a non-	Proposed R  Cl <b>99</b>	SC 99.4.5	P 37		# 261
preemptable frame (t an additional fragmer would be clearer if ins initial fragment SMD SuggestedRemedy Change "has an SME	transmitted by pMAC) has an S nt counter octet (FRAG_COUN stead of just saying "has an SM value"	SMD value, per Ta IT) following the S /ID value" the spe	able 99-1, and includes SMD." is correct, but ac states "has a non-	Proposed R Cl <b>99</b> Regev, Alor Comment T It is not	SC 99.4.5 ype T	P <b>37</b> Ixia <i>Comment Status</i> <b>X</b> reive processing checks	L 28	
preemptable frame (t an additional fragmer would be clearer if ins initial fragment SMD SuggestedRemedy Change "has an SME Proposed Response	transmitted by pMAC) has an S nt counter octet (FRAG_COUN stead of just saying "has an SM value" O value" to "has a non-initial fra	SMD value, per Ta IT) following the S /ID value" the spe gment SMD valu	able 99-1, and includes SMD." is correct, but ec states "has a non-	Proposed R Cl <b>99</b> Regev, Alor Comment T It is not	SC 99.4.5 ype T clear that "Rec ng an "SMD-C	P <b>37</b> Ixia <i>Comment Status</i> <b>X</b> reive processing checks	L 28	
preemptable frame (t an additional fragmer would be clearer if ins initial fragment SMD SuggestedRemedy Change "has an SME Proposed Response	transmitted by pMAC) has an S nt counter octet (FRAG_COUN stead of just saying "has an SM value" D value" to "has a non-initial fra <i>Response Status</i> <b>O</b>	SMD value, per Ta IT) following the S /ID value" the spe	able 99-1, and includes SMD." is correct, but ac states "has a non-	Proposed R Cl <b>99</b> Regev, Alor Comment T It is not containi SuggestedF Change	SC 99.4.5 ype T clear that "Rec ng an "SMD-C Remedy "Receive proc	P 37 Ixia Comment Status X eeive processing checks 	L 28	when receiveing an SME
preemptable frame (t an additional fragmer would be clearer if ins initial fragment SMD SuggestedRemedy Change "has an SME Proposed Response Cl 99 SC 99.4.4 Regev, Alon	transmitted by pMAC) has an S nt counter octet (FRAG_COUN stead of just saying "has an SM value" D value" to "has a non-initial fra <i>Response Status</i> <b>O</b> <i>P</i> <b>36</b>	SMD value, per Ta IT) following the S /ID value" the spe gment SMD valu	able 99-1, and includes SMD." is correct, but ec states "has a non-	Cl 99 Regev, Alor Comment T It is not containi SuggestedF Change To "Upo	SC 99.4.5 ype T clear that "Rec ng an "SMD-C Remedy "Receive proo n receiving an	P 37 Ixia Comment Status X reive processing checks ". cessing checks that:" SMD value of SMD-C, r	L 28 that:" only applies w eceive processing c	when receiveing an SMI
preemptable frame (t an additional fragmer would be clearer if ins initial fragment SMD SuggestedRemedy Change "has an SME Proposed Response Cl 99 SC 99.4.4 Regev, Alon Comment Type T Only 60 data octets n	transmitted by pMAC) has an S nt counter octet (FRAG_COUN stead of just saying "has an SM value" D value" to "has a non-initial fra <i>Response Status</i> <b>O</b> <i>P</i> <b>36</b> Ixia	SMD value, per Ta IT) following the S MD value" the spe agment SMD valu	able 99-1, and includes SMD." is correct, but ac states "has a non- e" # 259	Proposed R Cl <b>99</b> Regev, Alor Comment T It is not containi SuggestedF Change	SC 99.4.5 ype T clear that "Rec ng an "SMD-C Remedy "Receive proo n receiving an	P 37 Ixia Comment Status X eeive processing checks 	L 28 that:" only applies w eceive processing c	when receiveing an SMI
preemptable frame (t an additional fragmer would be clearer if ins initial fragment SMD SuggestedRemedy Change "has an SME Proposed Response Cl 99 SC 99.4.4 Regev, Alon Comment Type T Only 60 data octets n	transmitted by pMAC) has an S nt counter octet (FRAG_COUN stead of just saying "has an SM value" D value" to "has a non-initial fra <i>Response Status</i> <b>O</b> <i>P</i> <b>36</b> Ixia <i>Comment Status</i> <b>X</b> need to remain in a packet for in	SMD value, per Ta IT) following the S MD value" the spe agment SMD valu	able 99-1, and includes SMD." is correct, but ac states "has a non- e" # 259	Cl 99 Regev, Alor Comment T It is not containi SuggestedF Change To "Upo	SC 99.4.5 ype T clear that "Rec ng an "SMD-C Remedy "Receive proo n receiving an	P 37 Ixia Comment Status X reive processing checks ". cessing checks that:" SMD value of SMD-C, r	L 28 that:" only applies w eceive processing c	vhen receiveing an SMI
preemptable frame (t an additional fragmer would be clearer if ins initial fragment SMD SuggestedRemedy Change "has an SME Proposed Response Cl 99 SC 99.4.4 Regev, Alon Comment Type T Only 60 data octets n 4 FCS octets in addit SuggestedRemedy Change "64 data octet	transmitted by pMAC) has an S nt counter octet (FRAG_COUN stead of just saying "has an SM value" D value" to "has a non-initial fra <i>Response Status</i> <b>O</b> <i>P</i> <b>36</b> Ixia <i>Comment Status</i> <b>X</b> need to remain in a packet for in	SMD value, per Ta IT) following the S MD value" the spe agment SMD valu	able 99-1, and includes SMD." is correct, but ac states "has a non- e" # 259	Cl 99 Regev, Alor Comment T It is not containi SuggestedF Change To "Upo	SC 99.4.5 ype T clear that "Rec ng an "SMD-C Remedy "Receive proo n receiving an	P 37 Ixia Comment Status X reive processing checks ". cessing checks that:" SMD value of SMD-C, r	L 28 that:" only applies w eceive processing c	vhen receiveing an SMI

Cl         99         SC         99.4.5         P 37         L 26         #           Regev, Alon         Ixia         IX	262 <i>Cl</i> <b>99</b> Regev, Alon	SC 99.4.7.3	<i>Р</i> <b>38</b> Іхіа	L <b>43</b>	# 264
Comment Type T Comment Status X "An SMD containing an SMD-C an mPacket that continues the data for a pree frame." is missing a verb.	Comment Ty mpted "continu	vpe T (	Comment Status X not defined. There is no i ntinuation".	indication anywh	ere in the draft that th
SuggestedRemedy         Change "An SMD containing an SMD-C an mPacket that continues the data for preempted frame."         To "An SMD containing an SMD-C indicates the start of an mPacket that cont data for a preempted frame."         Proposed Response       Response Status       O	"An integ To nues the "An integ Change	the definition of cF ger in the range 0: ger in the range 0: the definition of rxl	3 indicating the frame cou 3 indicating the frame cou	unt in a non-initia	al mPacket."
Cl 99       SC 99.4.7.3       P 38       L 37       #         Regev, Alon       Ixia       Ixia       #         Comment Type       T       Comment Status       X         AddFragSize is now 2 bits and should therefore have a range of 0:3       #		,	3 indicating the fragment Response Status <b>O</b>	count in a non-ir	nitial mPacket."
SuggestedRemedy change "0:7" to "0:3" Proposed Response Response Status <b>O</b>					

CI 99	SC 99.3.6	P 35	L 19	# 265	CI <b>99</b>	SC 99.4.7.4	P <b>40</b>	L 16	# 267
Regev, Ale	on	Ixia			Regev, Al	on	Ixia		
ambig last 4	& respond frame uous in the state	Comment Status X is should always contain an ment "For the final mPacke C frame (the FCS field)." as kets.	t of a frame, the C	RC field contains the	frag_o Suggeste	AG_DECODE, the count (not frag_co	Comment Status X e eight mPLS_DATA.indicatic unt itself)	n primitives con	tain an "encoded'
Suggested	Remedy				Chan "Deco		DATA.indication primitives co	ontaining frag. co	ount."
	,	of a frame, the CRC field co	ontains the last 4 o	octets of the MAC	To "Decc	-	DATA.indication primitives co		
from t comp	ne first octet of th atation correspor	contains an mCRC value ca he frame to the last octet trans ds to performing steps a) th s and 0x0000 FFFF."	nsmitted in that m	Packet. The		Response	Response Status O		
					C/ 99	SC 99.4.7.4	P 40	L <b>49</b>	# 268
То					Regev, Al	on	Ixia		
first of corres calcul	ctet of the frame ponds to perform ated 32 bits and		in that mPacket. <sup>-</sup> .2.9. The mCRC i	The computation s the XOR of the	mPLS Suggeste	S_DATA.indicatior dRemedy	MCRC_CK, pPLS_DATA.indi		)
For al field).'	other m-rames,	the CRC field contains the	last 4 octets of th	e MAC frame (the FCS	Proposed	Response	Response Status O		
Proposed	Response	Response Status 0							
CI 99	SC 99.4.7.4	P 40	L 14	# 266					
Regev, Ale	on	Ixia							
Comment Add a		Comment Status X frag_count encoding table							
Suggested	Remedy								
	e	r with the frag_count encod	ing for a fragment	count of frag_cnt."					
			ing for a fragmant	count of frag. ont (see					
"Retui To "Retui	ns an 8-bit vecto 99-2)."	r with the frag_count encod	ing for a fragment	count of mag_cnit (see					

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: Comment ID

C/99 SC 99.4.7.4 P 41 L 1 # 269	C/ 99 SC 99.4.7.7 P 43 L 13 # 271
Regev, Alon Ixia	Regev, Alon Ixia
omment Type T Comment Status X	Comment Type T Comment Status X
Add a referece to the SMD values table	Express traffic is given priority over sending a respond mPacket. If express traffic
JggestedRemedy	continues for 10ms, it can delay sending a respond mPacket causing a timeout on th partner. If this continues for 30ms (+/- 20%), the validation will fail.
On Page 41, Line 1 Change "based on the value of the primitives:"	SuggestedRemedy
to "based on the value of the primitives. (see Table 99-1):"	Give priority to to respond mPackets over priority frames:
On Page 42, Line 12 Change "Returns an 8-bit vector with the SMD encoding for an SMD-C with frame coun frame cnt."	t of Change the condition for transition from IDLE_TX_PROC to EXPRESS_TX from "eTx=TRUE * ipg_timer=dne" to "eTx=TRUE * send_r=FALSE * ipg_timer=done"
To "Returns an 8-bit vector with the SMD encoding for an SMD-C with frame count of frame_cnt (see Table 99-1)."	Change the condition for transition from IDLE_TX_PROC to TX_RESPOND from "send_r=TRUE * ipg_timer=done * eTx=FALSE" to "send_r=TRUE * ipg_timer=done"
On Dana 40 Line 44	Proposed Response Response Status O
On Page 42, Line 14 Change "Returns an 8-bit vector with the SMD encoding for an SMD-S with frame coun	t of
frame_cnt. Consumes 8 pPLS_DATA.request primitives containing the SFD."	
To "Returns an 8-bit vector with the SMD encoding for an SMD-S with frame count of frame cnt (see Table 99-1). Consumes 8 pPLS_DATA request primitives containing the	C/ 99 SC 99.4.7.7 P 43 L 46 # 272
To "Returns an 8-bit vector with the SMD encoding for an SMD-S with frame count of frame_cnt (see Table 99-1). Consumes 8 pPLS_DATA.request primitives containing th SFD."	e Regev, Alon Ixia
frame_cnt (see Table 99-1). Consumes 8 pPLS_DATA.request primitives containing the SFD."	
frame_cnt (see Table 99-1). Consumes 8 pPLS_DATA.request primitives containing the SFD." oposed Response Response Status <b>O</b>	e Regev, Alon Ixia <i>Comment Type</i> <b>T</b> <i>Comment Status</i> <b>X</b> When transitioning from the PREMPT_WAIT to RESUME_PREAMBLE, preambleCn
frame_cnt (see Table 99-1). Consumes 8 pPLS_DATA.request primitives containing the SFD."	e Regev, Alon Ixia <i>Comment Type</i> <b>T</b> <i>Comment Status</i> <b>X</b> When transitioning from the PREMPT_WAIT to RESUME_PREAMBLE, preambleCn never set to 0.
frame_cnt (see Table 99-1). Consumes 8 pPLS_DATA.request primitives containing th SFD." roposed Response Response Status O 99 SC 99.4.7.7 P 43 L 17 # 270 egev, Alon Ixia	Ne Regev, Alon Ixia       Comment Type     T     Comment Status     X       When transitioning from the PREMPT_WAIT to RESUME_PREAMBLE, preambleCn never set to 0.       SuggestedRemedy
frame_cnt (see Table 99-1). Consumes 8 pPLS_DATA.request primitives containing th SFD." oposed Response Response Status O 99 SC 99.4.7.7 P 43 L 17 # 270 gev, Alon Ixia omment Type T Comment Status X done misspelled as dne aggestedRemedy	ne       Regev, Alon       Ixia         Comment Type       T       Comment Status       X         When transitioning from the PREMPT_WAIT to RESUME_PREAMBLE, preambleCn never set to 0.       SuggestedRemedy         In the PREMPT_WAIT state, add a line with "preambleCnt <= 0"
frame_cnt (see Table 99-1). Consumes 8 pPLS_DATA.request primitives containing th SFD." oposed Response Response Status O 99 SC 99.4.7.7 P 43 L 17 # 270 egev, Alon Ixia omment Type T Comment Status X done misspelled as dne uggestedRemedy change "dne" to "done"	ne       Regev, Alon       Ixia         Comment Type       T       Comment Status       X         When transitioning from the PREMPT_WAIT to RESUME_PREAMBLE, preambleCn never set to 0.       SuggestedRemedy         In the PREMPT_WAIT state, add a line with "preambleCnt <= 0"
frame_cnt (see Table 99-1). Consumes 8 pPLS_DATA.request primitives containing th SFD." roposed Response Response Status O 99 SC 99.4.7.7 P 43 L 17 # 270 egev, Alon Ixia comment Type T Comment Status X done misspelled as dne uggestedRemedy change "dne" to "done"	ne       Regev, Alon       Ixia         Comment Type       T       Comment Status       X         When transitioning from the PREMPT_WAIT to RESUME_PREAMBLE, preambleCn never set to 0.       SuggestedRemedy         In the PREMPT_WAIT state, add a line with "preambleCnt <= 0"
frame_cnt (see Table 99-1). Consumes 8 pPLS_DATA.request primitives containing th SFD." oposed Response Response Status O 99 SC 99.4.7.7 P 43 L 17 # 270 egev, Alon Ixia omment Type T Comment Status X done misspelled as dne uggestedRemedy change "dne" to "done"	Ine       Ixia         Comment Type       T       Comment Status       X         When transitioning from the PREMPT_WAIT to RESUME_PREAMBLE, preambleCn never set to 0.       SuggestedRemedy         In the PREMPT_WAIT state, add a line with "preambleCnt <= 0"       Proposed Response       Response Status       O         Cl 99       SC 99.5.2.2       P 47       L 34       # 273         Regev, Alon       Ixia
frame_cnt (see Table 99-1). Consumes 8 pPLS_DATA.request primitives containing th SFD." oposed Response Response Status O 99 SC 99.4.7.7 P 43 L 17 # 270 gev, Alon Ixia omment Type T Comment Status X done misspelled as dne aggestedRemedy change "dne" to "done"	ne       Regev, Alon       Ixia         Comment Type       T       Comment Status       X         When transitioning from the PREMPT_WAIT to RESUME_PREAMBLE, preambleCn never set to 0.       SuggestedRemedy In the PREMPT_WAIT state, add a line with "preambleCnt <= 0"         Proposed Response       Response Status       O         Cl 99       SC 99.5.2.2       P 47       L 34       # 273         Regev, Alon       Ixia         Comment Type       T       Comment Status       X         As the release of 802.3br is unlikely to happen in 2015, I suggest we change the draft from "802.3br-2015" to "802.3br-201x".       SuggestedRemedy
frame_cnt (see Table 99-1). Consumes 8 pPLS_DATA.request primitives containing th SFD." roposed Response Response Status O 4 99 SC 99.4.7.7 P 43 L 17 # 270 egev, Alon Ixia comment Type T Comment Status X done misspelled as dne uggestedRemedy change "dne" to "done"	ne       Regev, Alon       Ixia         Comment Type       T       Comment Status       X         When transitioning from the PREMPT_WAIT to RESUME_PREAMBLE, preambleCn never set to 0.       SuggestedRemedy         In the PREMPT_WAIT state, add a line with "preambleCnt <= 0"       Proposed Response       Response Status       O         Cl 99       SC 99.5.2.2       P 47       L 34       # 273         Regev, Alon       Ixia         Comment Type       T       Comment Status       X         As the release of 802.3br is unlikely to happen in 2015, I suggest we change the draft from "802.3br-2015" to "802.3br-201x".       X

C/ 99	SC 99.4.3	P <b>36</b>	L <b>25</b>	# 274	CI 99	SC 99.4		P 35	L <b>34</b>	# 275
Regev, Alo	n	Ixia			Regev, Al	on		Ixia		
Comment 7	Гуре Т	Comment Status X			Comment	Type TR	Comm	nent Status X		
multiple	e places (for e	Verificaiton may be disabled", xample, it doesn't actually disa			(conta	ains preamble	& SFD) and	a MAC frame doe	s not contain thes	Packet is a packet se. See definition of should be changed to
uggested	-					et" in this clau				g
change to "pEn In secti	e the transition able=TRUE *	State Diagram) on page 46, from VERIFICATION IDLE to disableVerify=FALSE"		from "pEnable=TRUE"	consis "frame	stently used to r	o refer to "MA efer to "packe	C frame" (not pac	ket). In later PHNe). As this sectio	n is inbetween the MAC
		VALUE that has one of the foll ation of preemption operation		er has not been	Suggeste	dRemedy				
initiated	b				Chang	ge all instance	es of "MAC fra	ame" to "packet"		
	eeded pree	tion has been initiated and ha mption operation has been ve n of preemption operation faile	rified			der changing consistent in		ances of "frame" to	packet (this wou	Ild make this clause
То					Proposed	Response	Respor	nse Status <b>O</b>		
	IUMERATED '	VALUE that has one of the foll	owing entries:							
		aiton status is unknown caiton has not been initiated			C/ 99	SC 99.4.4		P 36	L 31	# 070
verif	ying verifica	tion has been initiated and ha mption operation has been ve			Regev, Al		•	lxia	L 31	# 276
faile	d verification	n of preemption operation faile tion of preemtion operation is	ed		Comment We no	51		nent Status X gnment requireme	nt.	
					Suggeste	dRemedy				
Delete	the editior's no	ote on page 21 starting on line	s 10-12		remov	e "and a mul	iple of eight o	octets of the frame	has been sent"	
					Proposed	Response	Respor	nse Status <b>O</b>		
roposed F	Response	Response Status <b>O</b>			C/ 30	SC 30.14	1.11	P 23	L <b>2</b>	# 277
					Regev, Al			Ixia		
					Comment		Comm	nent Status X		
						revious draft,			cket, but there are	e still references to
					Suggeste					
					On pa	,		11, and page 34, I	ine 9	
					Proposed	_		nse Status <b>O</b>		

C/ 99 SC 99.4.7.7 P 44 L 40 # 278 Regev, Alon Ixia	Cl         99         SC         99.4.7.7         P 45         L 19         # 279           Regev, Alon         Ixia
Comment Type <b>TR</b> Comment Status <b>X</b> Now that SMD_DECODE can return V or R, that case needs to be handled by the CHECK_FOR_RESUME state.	Comment Type <b>TR</b> Comment Status <b>X</b> now that SMD_DECODE can return R or V, the transition from CHECK_FOR_EXPRESS to NOT_EXPRESS needs to handle this case.
Note that both of these cases are valid (not errors). Due to timing differences (and interferring frames), it is valid to recieve an "R" when already in preemption mode (this be an "R" to the second or third "V" request, where the first "V" got a timeout but we st got a delayed response). And as preemption is enabled in each direction separately, could get a "V" request at any time.	SuggestedRemedy change the transition from CHECK_FOR_EXPRESS to NOT_EXPRESS from "S + C + ERR" to "S + C + R + V + ERR" Proposed Response Response Status <b>0</b>
In the case of receiving an "R", as preemption is already enabled, we can just ignore t mPacket and transition back to the WAIT_FOR_DV_FALSE state.	C/         79         SC         79.3         P 24         L 14         # 280           Slavick, Jeff         Avago Technologies         Avago Technologies         Avago Technologies
In the case of receiving a "V", we need to process it by verifying the mPacket and if its valid setting rcv_v to TRUE. In either the valid or invalid "V" mPakcet, we then need to transition to WAIT_FOR_RESUME state.	Comment Type TR Comment Status X In Table 79-1 the IEEE 802.3 subtype is TBD
SuggestedRemedy change the transition from CHECK_FOR_RESUME to WAIT_FOR_DV_FALSE from ' ERR" to "E + R + ERR"	<ul> <li>SuggestedRemedy</li> <li>Change to TBD to a value that is currently Reserved and change the Reserved list to remove the chosen value from the list of Reserved settings.</li> </ul>
Add a new state titled "RCV_V_BETW_FRAGS" under and to the left of "CHECK_FOR_RESUME".	Proposed Response Response Status <b>O</b>
Add a new state titled "V_MCRC_OK_BETW_FRAGS" under the "RCV_V_BETW_FRAGS" state.	Cl         99         SC         99.4.7.7         P 43         L 13         # [281]           Slavick, Jeff         Avago Technologies         Avago Technologies         Avago Technologies         Avago Technologies
Add a transition from CHECK_FOR_RESUME to RCV_V_BETW_FRAGS with the condition of "V"	Comment Type <b>TR</b> Comment Status <b>X</b> Figure 99-4 ipg_timer_done is variable, so all instances of ipg_timer=done,
Add a transition from RCV_V_BETW_FRAGS to WAIT_FOR_RESUME with the cond of "mRxDv=FALSE"	SuggestedRemedy
Add a transition from RCV_V_BETW_FRAMS to V_MCRC_OK_BETW_FRAGS with condition of "RX_MCRC_CK=TRUE"	See comment Proposed Response Response Status O
Add a transition from V_MCRC_OK_BETW_FRAGS to WAIT_FOR_RESUME with th	
condition of "mRxDv=FALSE"	

C/ 99 SC 99.4.7.7	P <b>43</b>	L	# 282	C/ 99	SC 99.4.7.7		P <b>44</b>	L 30	# 285
Slavick, Jeff	Avago Techno	ogies		Slavick, Jeff			Avago Techn	ologies	
eTX=FALSE implying	Comment Status X E_TX_PROC -> TX_VERIFY transferred to the more conditions DLE_TX_PROC -> TX_RESPO	s on that transiti		RX_MCF	, 9-5: Exit from	E and mRxDv=T	ATA needs p	riority resolution go to WAIT_FOI	when R_DV_FALSE or
SuggestedRemedy				SuggestedR	emedy				
,	ge the space to show all condit	ions necessary	for those transition.	Add app	ropriate priorit	ty resolution to s	tate transitior	าร	
Proposed Response	Response Status <b>O</b>			Proposed Re	esponse	Response St	atus <b>O</b>		
C/ <b>99</b> SC <b>99.4.7.7</b> Slavick, Jeff	P <b>43</b> Avago Techno	L 12 logies	# 283	C/ <b>99</b> Slavick, Jeff	SC 99.4.7.7		P <b>44</b> Avago Techn	L <b>42</b> nologies	# 286
comparisons for these SuggestedRemedy Remove the "=TRUE"	Comment Status X iables in the state transitions a to TRUE/FLASE aren't necess and replace the " <variable>=F he variable that has been define</variable>	sary. ALSE" with "! <v< td=""><td>/ariable&gt;" for all state</td><td>decoded SuggestedRe</td><td>9-5: Exit from <i>emedy</i> ropriate path v</td><td></td><td>RESUME doe</td><td>esn't have conditi m CHECK_FOR</td><td>ons when a V or R a _RESUME state</td></v<>	/ariable>" for all state	decoded SuggestedRe	9-5: Exit from <i>emedy</i> ropriate path v		RESUME doe	esn't have conditi m CHECK_FOR	ons when a V or R a _RESUME state
Proposed Response	Response Status <b>O</b>			C/ <b>99</b> Slavick, Jeff	SC 99.4.7.7		P <b>45</b> Avago Techn	L 19 nologies	# 287
C/ 99 SC 99.4.7.7	P 43	L 35	# 284	Comment Ty	pe TR	Comment S	tatus X		
Slavick, Jeff	Avago Techno	ogies						CODE provides a	V on where to
Comment Type TR	Comment Status X					CHECK_FOR_E	XPRESS stat	te.	
	it of PREMPTABLE_TX what i			SuggestedR	,				
TX_MCRC and P_TX_ no resolution of which	COMPLETE. When both pree path to take.	empt and pTxCp	olt are TRUE there is					of the CHECK_F	OR_EXPRESS state
SuggestedRemedy				Proposed Re	esponse	Response St	atus <b>O</b>		
Add the approprieate p	prioirty resolution.								
Proposed Response	Response Status <b>0</b>								

C/ 99 SC 99.4.7.7 Slavick, Jeff	P <b>46</b> Avago Techno	L <b>5</b> ologies	# 288	C/ <b>30</b> Tretter, Alb	SC 30.12.1.		P <b>18</b> Siemens	L 36	# 290
Comment Type TR	Comment Status X nct machines here, but one	Ū	araibles that are also		bits in the sente	<i>Comment St</i> ence "read-write s cribted in the list	string of 6 bits		each" match not with
In the RESPOND_IDLE st Change the exit condition	nd_r assignemnts from the tate add rcv_v <= FALSE a from SEND_RESPOND to _SE from SEND_RESOND	and send_r <= FA o UCT	LSE	Suggested Chang Proposed I	je to 7 bits	Response Sta	atus <b>O</b>		
Proposed Response F	Response Status O			<i>CI</i> <b>30</b> Tretter, Alb	SC 30.14.1.		P <b>21</b> Siemens	L 13	# 291
C/ 99 SC Fig 99-4 Thaler, Pat Comment Type TR	P 43 Broadcom Comment Status X	L <b>48</b>	# 289		tribute aMACM	Comment Sta ergeStatusTx con able not also hav	ntains the dire		ld the attribute
onimone type the									
PREEMPT_WAIT should s the correct amount of prease Note that once this is done conditions and the same a Since resumeTx <= TRUE IDLE_TX, setting it again it	set preambleCnt <= 0 so t	RESUME_WAIT H MPT_WAIT sets r IE_WAIT and it is 't hurt anything. T	nave the same exit esumeTx <= TRUE. only set FALSE in	that it i Suggested	is only relevant		lirection (giv	ven device in the	ription it is mentioned transmit direction)
PREEMPT_WAIT should a the correct amount of preat Note that once this is done conditions and the same a Since resumeTx <= TRUE IDLE_TX, setting it again i RESUME_WAIT and PRE uggestedRemedy Add premableCnt <= 0 to a Consider eliminating PRE and adding resumeTx <=	set preambleCnt <= 0 so t ambe. e, PREEMPT_WAIT and F actions except that PREEM E in order to enter RESUMI in RESUME_WAIT souldn	RESUME_WAIT H MPT_WAIT sets r IE_WAIT and it is I't hurt anything. T mbined. ions. transition into it in	have the same exit esumeTx <= TRUE. only set FALSE in herefore,	that it i Suggested Chang Proposed I C/ 00 Tretter, Alb Comment The att aMACI enable transm Suggested	is only relevant <i>Remedy</i> ge the name of t <i>Response</i> <i>SC</i> pert <i>Type</i> <b>E</b> tribute aMACMe MergeVerifyDis- ed at Tx side and hit direction (g <i>Remedy</i>	for the transmit d he attribute to alv <i>Response Sta</i> <i>Comment St</i> ergeStatusTx con able not also hav	ACMergeSta AACMergeSta atus <b>O</b> Biemens atus <b>X</b> ntains the dire the extensi cription it is m e transmit dire	ven device in the atusEnableTx <i>L</i> ection "Tx". Shou on "Tx". Because entioned that it i ection)	# transmit direction) # 292

<i>Cl</i> <b>79</b> SC <b>79.5.3</b> Tretter, Albert	P <b>26</b> Siemens	L 12	# 293	C/ 99 SC 99.1 Tretter, Albert	P <b>29</b> Siemens	L <b>39</b>	# 295
Comment Type E Con *AE => Additional Ethernet Ca	nment Status X apabilities TLV			Comment Type E "Preemption is only	Comment Status X enabled after it has been deterr	mined that the lin	k partner supports it."
Meaning of "*" at "*AE" in colu There is no explanation?	mn Item not clear.			=> As preemption at to be enabled at Tx	Rx side is always enabled we side	should add the ir	nfo that preemption ha
SuggestedRemedy Specify the meaning or delete	the "*"			SuggestedRemedy Add "at TX side"			
Proposed Response Resp	oonse Status O			Proposal "Preemption at Tx si supports it."	de is only enabled after it has b	een determined	that the link partner
C/ 99 SC 99.1	P <b>29</b>	L 19	# 294				
Fretter, Albert	Siemens						
	nment Status X	before express tr	affic is scheduled to	Proposed Response	Response Status 0	L 49	# 296
Comment Type E Con transmission of preemptable	nment Status X e frames can be held	·				L 49	# 296
Comment Type E Con transmission of preemptable be transmitted.	nment Status X e frames can be held terms "hold" and "sus	·		Cl <b>99</b> SC <b>99.2.1</b> Tretter, Albert Comment Type E	P 31 Siemens Comment Status X	L 49	# [ <u>296</u>
Comment Type E Com transmission of preemptable be transmitted. We still have a mixture of the t We should use always the sam In the actual draft the term "ho SuggestedRemedy	nment Status X e frames can be held terms "hold" and "sus ne term.	pend" for the sam	ne meaning.	Cl 99 SC 99.2.1 Tretter, Albert Comment Type E "to request to a ho => should be change	P 31 Siemens Comment Status X Id or release on"	L 49	# <u>296</u>
Comment Type E Com transmission of preemptable be transmitted. We still have a mixture of the t We should use always the sam In the actual draft the term "ho	nment Status X e frames can be held terms "hold" and "sus ne term.	pend" for the sam	ne meaning.	C/ 99 SC 99.2.1 Tretter, Albert Comment Type E "to request to a ho	P 31 Siemens Comment Status X Id or release on"	L 49	# <u>296</u>
transmission of preemptable be transmitted. We still have a mixture of the t We should use always the sam In the actual draft the term "ho <i>SuggestedRemedy</i> Make the draft consistent	nment Status X e frames can be held terms "hold" and "sus ne term.	pend" for the sam	ne meaning.	Cl 99 SC 99.2.1 Tretter, Albert Comment Type E "to request to a ho => should be change	P 31 Siemens Comment Status X Id or release on"	L <b>49</b>	# 296

#### IEEE P802.3br (D2.0) Interspersing Express Traffic Initial Working Group ballot comments C/ 99 SC 99.2.2 P 32 L 5 # 297 C/ 99 P 35 L 23 SC 99.3.6 # 299 Tretter, Albert Siemens Tretter, Albert Siemens Comment Type Е Comment Status X Comment Type Е Comment Status X "...model used in this service specification is identical to that used in 1.2.2." "... performing steps a) through d) in 3.2.9." => The references to "1.2.2" is not within the draft => The references to "3.2.9" is not within the draft => As mentioned at page 13: Cross references that refer to clauses, tables, equations, or => As mentioned at page 13: Cross references that refer to clauses, tables, equations, or figures not covered by this amendment are highlighted in green. figures not covered by this amendment are highlighted in green. => But to which standard refers this reference? => But to which standard refers this reference? SuggestedRemedy SuggestedRemedy Add the relevant standard Add the relevant standard Proposed Response Proposed Response Response Status 0 Response Status 0 C/ 99 SC 99.3.3 P 33 L 52 C/ 99 SC 99.4.2 P 36 L1 # 300 # 298 Tretter, Albert Siemens Tretter, Albert Siemens Comment Status X Comment Status X Comment Type Е Comment Type E ... frame also indicates the frame number. The preemption capability shall be enabled only if the link partner announces its support for the preemption capability via an Additional Ethernet Capabilities TLV. There ist a mixture of the terms "frame number" and "frame count" for as I assume, the same meaning. The new draft describes the verification process in front of enabling preemption. Should the In Table 99–1—SMD values shows the relation between the SMD values and the frame sentence not also contain this mechanism? count. SuggestedRemedy Maybe due to a search and replace action that the term "frame count" was unintentionally Proposal: changed to "frame number" The preemption capability shall be enabled only if the link partner announces its support for the preemption capability via an Additional Ethernet Capabilities TLV and if the verification SuggestedRemedy was successful. Please check Proposed Response Response Status 0 Proposed Response Response Status 0

C/ 99 SC 99.4.3 Tretter, Albert	<i>P</i> <b>36</b> Siemens	L 12	# 301	C/ 99 SC 99.4.5 Tretter, Albert	<i>P</i> <b>37</b> Siemens	L <b>26</b>	# 304
	Comment Status X				Comment Status X		
Comment Type E Verification checks that	t the the link can support pre-	emption capabili	у.	Comment Type E An SMD containing	an SMD-C an mPacket that co	ntinues the data f	or a preempted fram
There is one "the" too r	nuch.			=> Something is mis	sing here: " SMD-C indicates	s an mPacket"	
SuggestedRemedy				SuggestedRemedy			
Please correct					an SMD-C indicates an mPack	et that continues	the data for a
Proposed Response	Response Status 0			preempted frame.			
				Please correct			
C/ 99 SC 99.4.3 Tretter, Albert	P <b>36</b> Siemens	L <b>21</b>	# 302	Proposed Response	Response Status O		
Comment Type E	Comment Status X			C/ 99 SC 99.4.7.	4 P 39	L 53	# 305
Different notation MRC	RC and mCRC.			Tretter, Albert	Siemens		
SuggestedRemedy If no, please use alway If yes, please describe Proposed Response				in a preemptable => "detectsa" should SuggestedRemedy Please correct	entation dependent process to ." I be changed to "detects a"	ensure that a pM	AC detectsa CRC e
C/ 99 SC 99.4.4	P 36	L 35	# 303	Proposed Response	Response Status O		
Tretter, Albert	Siemens			C/ 99 SC 99.4.7.	4 P 40	L 50	# 306
Comment Type E	Comment Status X			Tretter, Albert	Siemens		
"A link partner can indi	cate in the Additional Capabi	ities TLV that the	e"	Comment Type E	Comment Status X		
In clause 79 this TLV is	s called "Additional Ethernet	Capabilties TLV"		"It is false otherwise			
SuggestedRemedy							
Please correct				The value of a boole	an is normally written in capital	l letter "FALSE"?	
Proposed Response	Response Status 0			SuggestedRemedy			
				Please check			

C/ 99 SC 99.4.7.7	P <b>43</b> Siemens	L 17	# 307	C/         99         SC         99.4.7.7         P         44         L         44         # 310           Tretter, Albert         Siemens
Comment Type <b>E</b> Figure 99–4—Transmi	Comment Status X t Processing State Diagram			Comment Type E Comment Status X Figure 99–5—Receive Processing State Diagram
"ipg_timer=dne"				
=> change "dne" to "do	one"			"cFameCnt" at condition "C * cFameCnt=rxFrameCnt" at the state change from CHECK_FOR_RESUME to state CHECK_FRAG_CNT should be correct to "cFrame0
SuggestedRemedy please correct				SuggestedRemedy please correct
Proposed Response	Response Status O			Proposed Response Response Status O
C/ 99 SC 99.4.7.7 Tretter, Albert	P <b>43</b> Siemens	L <b>41</b>	# 308	C/         99         SC         99.4.7.7         P         46         L         46         # 311           Tretter, Albert         Siemens
	0			Comment Type E Comment Status X
51	Comment Status X t Processing State Diagram			" RS delay for an preemptable frames when preemptable traffic is released"
Figure 99–4—Transmi		ould be "pTxCpt	٤".	
Figure 99–4—Transmi Varialbe "pTxCpt" in th SuggestedRemedy	t Processing State Diagram	ould be "pTxCpt	t".	" RS delay for an preemptable frames when preemptable traffic is released"
Figure 99–4—Transmi Varialbe "pTxCpt" in th SuggestedRemedy please correct	t Processing State Diagram	ould be "pTxCpt	t".	" RS delay for an preemptable frames when preemptable traffic is released" I assume "an preemptable frames" should be "an preemptable frame" SuggestedRemedy
Figure 99–4—Transmi Varialbe "pTxCpt" in th SuggestedRemedy please correct Proposed Response	t Processing State Diagram he state P_TX_COMPLETE sh <i>Response Status</i> <b>0</b>	ould be "pTxCpt	t". # <u>309</u>	" RS delay for an preemptable frames when preemptable traffic is released" I assume "an preemptable frames" should be "an preemptable frame" SuggestedRemedy please correct
Figure 99–4—Transmi Varialbe "pTxCpt" in th SuggestedRemedy please correct Proposed Response	t Processing State Diagram he state P_TX_COMPLETE sh <i>Response Status</i> <b>0</b> <i>P</i> <b>43</b> Siemens			" RS delay for an preemptable frames when preemptable traffic is released" I assume "an preemptable frames" should be "an preemptable frame" SuggestedRemedy please correct Proposed Response Response Status O Cl 99 SC 99.5.1 P 47 L 6 # 312
Figure 99–4—Transmi Varialbe "pTxCpt" in the SuggestedRemedy please correct Proposed Response (7 99 SC 99.4.7.7 retter, Albert Comment Type E	t Processing State Diagram he state P_TX_COMPLETE sh <i>Response Status</i> <b>0</b>			" RS delay for an preemptable frames when preemptable traffic is released" I assume "an preemptable frames" should be "an preemptable frame" SuggestedRemedy please correct Proposed Response Response Status O Cl 99 SC 99.5.1 P 47 L 6 # 312 Tretter, Albert Siemens Comment Type E Comment Status X The supplier of a protocol implementation that is claimed to conform to Clause 99, cla title, shall complete the following protocol implementation conformance statement (Pl
Figure 99–4—Transmi Varialbe "pTxCpt" in th SuggestedRemedy please correct Proposed Response C/ 99 SC 99.4.7.7 iretter, Albert Comment Type E Figure 99–4—Transmi	t Processing State Diagram he state P_TX_COMPLETE sh <i>Response Status</i> <b>0</b> <i>P</i> 43 Siemens <i>Comment Status</i> <b>X</b>	L <b>42</b>	# [ <u>309</u>	" RS delay for an preemptable frames when preemptable traffic is released" I assume "an preemptable frames" should be "an preemptable frame" SuggestedRemedy please correct Proposed Response Response Status O Cl 99 SC 99.5.1 P 47 L 6 # 312 Tretter, Albert Siemens Comment Type E Comment Status X The supplier of a protocol implementation that is claimed to conform to Clause 99, cla
Figure 99–4—Transmi Varialbe "pTxCpt" in th SuggestedRemedy please correct Proposed Response C/ 99 SC 99.4.7.7 Tretter, Albert Comment Type E Figure 99–4—Transmi	t Processing State Diagram he state P_TX_COMPLETE sh <i>Response Status</i> <b>O</b> <i>P</i> <b>43</b> Siemens <i>Comment Status</i> <b>X</b> t Processing State Diagram	L <b>42</b>	# [ <u>309</u>	" RS delay for an preemptable frames when preemptable traffic is released" I assume "an preemptable frames" should be "an preemptable frame" SuggestedRemedy please correct Proposed Response Response Status O Cl 99 SC 99.5.1 P 47 L 6 # <u>312</u> Tretter, Albert Siemens Comment Type E Comment Status X The supplier of a protocol implementation that is claimed to conform to Clause 99, cla title, shall complete the following protocol implementation conformance statement (Plu proforma.
Figure 99–4—Transmi Varialbe "pTxCpt" in th SuggestedRemedy please correct Proposed Response Cl 99 SC 99.4.7.7 Fretter, Albert Comment Type E Figure 99–4—Transmi	t Processing State Diagram he state P_TX_COMPLETE sh <i>Response Status</i> <b>O</b> <i>P</i> <b>43</b> Siemens <i>Comment Status</i> <b>X</b> t Processing State Diagram	L <b>42</b>	# [ <u>309</u>	" RS delay for an preemptable frames when preemptable traffic is released" I assume "an preemptable frames" should be "an preemptable frame" SuggestedRemedy please correct Proposed Response Response Status O Cl 99 SC 99.5.1 P 47 L 6 # <u>312</u> Tretter, Albert Siemens Comment Type E Comment Status X The supplier of a protocol implementation that is claimed to conform to Clause 99, cla title, shall complete the following protocol implementation conformance statement (Plip proforma. What is meant with "clause title"??

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: Comment ID

C/ 99 SC 99.5.3.2 Tretter, Albert	<i>P</i> <b>47</b> Siemens	L <b>50</b>	# 313	C/ 30 SC 30.14.1 Tretter, Albert	13 P 23 Siemens	L 20	# 315
Comment Type E Head line "99.5.3.2 De	Comment Status X ay constraints"			Comment Type <b>T</b> A count of times MM preemptable	Comment Status X _CTL.request(HOLD) primitive	assertion cause	d preemption of a
Should this head line n	ot be shifted between the two	tables at page	48?	MAC frame.			
SuggestedRemedy please check Proposed Response	Response Status <b>0</b>			5	ntion that this counter is only i e causes a preemption. If the ter shall not count??		
				Do we need an additi using the MM_CTL.re	onal counter if an implementa quest?	tion uses the MA	CMerge Layer but not
<i>Cl</i> 99 <i>SC</i> 99.5.3 Tretter, Albert	P 48 Siemens	L <b>40</b>	# 314	SuggestedRemedy Clarification needed			
Comment Type E PICS proforma: DC3	Comment Status X			Proposed Response	Response Status O		
Delay to transmit expre	ess fram when preemptable tr	affic is not held	by MM_CTL.request	C/ 79 SC 79.3.6	P 24	L <b>27</b>	# 316
=> "fame" should be ch	anged to "frame"			Tretter, Albert	Siemens		
SuggestedRemedy please correct				Comment Type T 802.3 subtype = TBD	Comment Status X		
Proposed Response	Response Status O			=> "TBD" should be r	esolved		
				SuggestedRemedy => "TBD" should be r	esolved		
				Proposed Response	Response Status <b>O</b>		

C/ 99 SC 99.1.1							
00 33.1.1	P <b>30</b>	L 8	# 317	C/ 99 SC 99.4.2	P 36	L <b>2</b>	# 320
retter, Albert	Siemens			Tretter, Albert	Siemens		
Comment Type <b>T</b> Figure 99–1: MMSI Ir	Comment Status X nterface (optional)			<i>Comment Type</i> <b>T</b> The preemption capabi	Comment Status X ility should be disabled on lin	k failure.	
	nterface is defined as mandator mitive described in this subclau		e shall support the	Should the preemption SuggestedRemedy Has to be discussed	capability not also be disable	ed in case if veri	fication fails?
Here the MMSI is def	finied as optional			Proposed Response	Response Status <b>O</b>		
SuggestedRemedy							
Specification should I	be consistent.						
	Interface in this figure should al	so be mandator	у.	C/ 99 SC 99.4.4 Tretter, Albert	<i>P</i> <b>36</b> Siemens	L <b>31</b>	# 321
Proposed Response	Response Status <b>O</b>			<i>Comment Type</i> <b>T</b> " mPacket data field s	Comment Status X size and a multiple of eight o	ctets of the fram	ne has been sent."
retter, Albert	P <b>32</b> Siemens	L 11	# 318		we not decide to skip the def	finition of "a mult	tiple of eight octets"?
MACMerge shall sup In contrast to figure 9	Comment Status X port the MM_CTL.request primi 99–1 here the "MM_CTL.reques			SuggestedRemedy Please check Proposed Response	Response Status 0		
MACMerge shall sup In contrast to figure 9	port the MM_CTL.request primi 99–1 here the "MM_CTL.reques			Please check Proposed Response		L 45	# 322
MACMerge shall sup In contrast to figure 9 uggestedRemedy Specification should I	port the MM_CTL.request primi 99–1 here the "MM_CTL.reques			Please check	Response Status <b>O</b> P <b>36</b> Siemens	L 45	# 322
MACMerge shall sup In contrast to figure 9 uggestedRemedy Specification should I	port the MM_CTL.request primi 09–1 here the "MM_CTL.reques be consistent.			Please check Proposed Response Cl 99 SC 99.4.4	P 36	L <b>45</b>	# 322
MACMerge shall sup In contrast to figure 9 SuggestedRemedy Specification should I Proposed Response	port the MM_CTL.request primi 09–1 here the "MM_CTL.reques be consistent.			Please check Proposed Response Cl 99 SC 99.4.4 Tretter, Albert Comment Type T	P 36 Siemens		
MACMerge shall sup In contrast to figure 9 SuggestedRemedy Specification should I Proposed Response	port the MM_CTL.request primi 99–1 here the "MM_CTL.reques be consistent. <i>Response Status</i> <b>O</b>	t primitive" is ma	andatory	Please check Proposed Response Cl 99 SC 99.4.4 Tretter, Albert Comment Type T If a frame is preempted This statment is not true	P 36 Siemens Comment Status X d, transmit processing append e for the final mPacket, as do	ds the mCRC to	the mPacket. se 9.3.6 CRC:
MACMerge shall support In contrast to figure 9 SuggestedRemedy Specification should Proposed Response	port the MM_CTL.request primi 09–1 here the "MM_CTL.request be consistent. <i>Response Status</i> <b>O</b> <i>P</i> <b>35</b> Siemens <i>Comment Status</i> <b>X</b>	t primitive" is ma	andatory	Please check Proposed Response Cl 99 SC 99.4.4 Tretter, Albert Comment Type T If a frame is preempted This statment is not tru The CRC field contains indication of whether th	P <b>36</b> Siemens <i>Comment Status</i> <b>X</b> d, transmit processing append	ds the mCRC to escribed in claus (CRC) for mPack rame. For the fin	the mPacket. se 9.3.6 CRC: ket data and an al mPacket of a frame
MACMerge shall support In contrast to figure 9 SuggestedRemedy Specification should P Proposed Response C/ 99 SC 99.3.5 Tretter, Albert Comment Type T Table 99–2—Frag_co I think that the Encod	port the MM_CTL.request primi 09–1 here the "MM_CTL.request be consistent. <i>Response Status</i> <b>O</b> <i>P</i> <b>35</b> Siemens <i>Comment Status</i> <b>X</b>	t primitive" is ma	andatory # <u>319</u>	Please check Proposed Response Cl 99 SC 99.4.4 Tretter, Albert Comment Type T If a frame is preempted This statment is not tru The CRC field contains indication of whether th	<i>P</i> 36 Siemens <i>Comment Status</i> X d, transmit processing append the for the final mPacket, as do a cyclic redundancy check ( his is the final mPacket of a fr	ds the mCRC to escribed in claus (CRC) for mPack rame. For the fin	the mPacket. se 9.3.6 CRC: ket data and an al mPacket of a frame
MACMerge shall support In contrast to figure 9 SuggestedRemedy Specification should Proposed Response Cl 99 SC 99.3.5 Fretter, Albert Comment Type T Table 99–2—Frag_co	port the MM_CTL.request primi 09–1 here the "MM_CTL.request be consistent. <i>Response Status</i> <b>O</b> <i>P</i> <b>35</b> Siemens <i>Comment Status</i> <b>X</b> ount values ding (0x83) for the Frag_count "Status Status"	t primitive" is ma	andatory # <u>319</u>	Please check Proposed Response Cl 99 SC 99.4.4 Tretter, Albert Comment Type T If a frame is preempted This statment is not tru The CRC field contains indication of whether th the CRC field contains SuggestedRemedy	<i>P</i> 36 Siemens <i>Comment Status</i> X d, transmit processing append the for the final mPacket, as do a cyclic redundancy check ( his is the final mPacket of a fr	ds the mCRC to escribed in claus (CRC) for mPack rame. For the fin	the mPacket. se 9.3.6 CRC: ket data and an al mPacket of a frame

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: Comment ID

C/ 99 SC 99.4.7.3	P <b>39</b> Siemens	L <b>45</b>	# 323	C/ 99 SC 99.4.7.7 Tretter, Albert	P 44 Siemens	L <b>42</b>	# 325
Comment Type <b>T</b>	Comment Status X			Comment Type T	Comment Status X		
If the variable "verify_fa send all frame via the el	ill" is set I assume that the N MAC.	IAC Client has to	how this in order to	Figure 99–5—Receiv	e Processing State Diagram		
In the other case if the v frames via the pMAC.	rariable "verified" is set the N	AC Client shall	send the preemtable	Condition "E + ERR" WAIT_FOR_DV_FAL	at the state change from state SE.	CHECK_FOR_F	RESUME to
Is my interpretation corr	ect?				"E + ERR" not also contain the e receive statemachine should		
If yes is this information	already incorporated in 802	.1 specifications	?	SuggestedRemedy			
uggestedRemedy				Should be discussed			
Should be discussed wi	th 802.1			Proposed Response	Response Status O		
Proposed Response	Response Status O						
				C/ 99 SC 99.4.7.7	P 45	L 19	# 326
99 SC 99.4.7.7	P <b>43</b>	L 35	# 324	Tretter, Albert	Siemens		
etter, Albert	Siemens			Comment Type T	Comment Status X		
omment Type <b>T</b>	Comment Status X			Figure 99–6—Expres	s Filter State Diagram		
Figure 99–4—Transmit	Processing State Diagram			Condition "S + C + E NOT_EXPRESS.	RR" at the state change from s	state CHECK_FC	R_EXPRESS to
Check "pTxCplt=FALSE PREMPTABLE_TX.	* preempt=FALSE" at state	change from PF	REMPTABLE_TX to		"S + C + ERR" not also contai ases the receive statemachine		
	contains the information of the			verification frames.			
pActive = FALSE (due t with a SMD-S even the	o verify_failed) the Tx state i link doesn't support this.	machine sends a	preemtable frame	SuggestedRemedy Should be discussed			
This is happen only if th process.	e upper layer doesn't take ir	to account the fa	ailed verification	Proposed Response	Response Status O		
Is my interpretation corr	ect?						
uggestedRemedy							
Has to be discussed							
roposed Response	Response Status <b>O</b>						

C/ 99 SC 99.5.3 P 48 L 11 # 327 C/ 99 P 48 L 40 # 329 SC 99.5.3 Tretter, Albert Tretter, Albert Siemens Siemens Comment Type т Comment Status X Comment Type T Comment Status X The choises for MM4 and MM5 in column "Support" contains the options "Yes" and "No". PICS proforma: DC3 The rest of PICs have only the "Yes" entry. Question: Is it necessary that we have a PICS proforma (DC5) indicating the case "Delay Why do the rest have no "No" choise? to transmit preemptable frame after sending an express frame (and not using the MM CTL.request primitive.)? SuggestedRemedy SuggestedRemedy Has to be discussed should be discussed Proposed Response Response Status 0 Proposed Response Response Status 0 C/ 99 SC 99.5.3 P 48 L 43 # 328 C/ 99 SC 99.4.8 P 45 L 38 # 330 Tretter, Albert Siemens Tretter, Albert Siemens Comment Type Comment Status X т Comment Type т Comment Status X PICS proforma: DC4 HRT shall be no more than 1240 bit times plus 512 times addFragSize. "Meets the maximum cumulative MAC Control, MAC and RS delay." Do we have already defined the maximum cumulative delay? The "plus 512 times addFragSize" are optional, right? Are the values defined in clause "99.4.8 Delay Constraints" already fix? The "plus 512 times addFragSize" could also be 1, 2 and 3 times 512 bit times, right SuggestedRemedy SuggestedRemedy Clarification needed Should be discussed Proposed Response Response Status 0 Proposed Response Response Status 0

IEEE P802.3br (D2.0) Interspersing Express Traffic Initial Working Group ballot comments

C/ <b>00</b>	SC 0	Р	L	# 331
Trowbridge	e, Steve	Alcatel-Lucent		

#### Comment Type TR Comment Status X

The terminology in the amendment does not match the agreed objectives for the project. The Call for Interest held in the March 2012 plenary for Frame Preemption was withdrawn after too much controversy over the characterization of the problem and solution. After a subsequent CFI, the first attempt to approve a PAR and objectives at the July 2013 plenary in Geneva failed due to inconsistency of the terminology with 802.3 (distinguished minimum latency traffic and "M-frames", "M-frames in the wild" were rejected. After rework in the York interim. a characterization as "interspersing express traffic" was developed. leading to the currently accepted objectives accepted in November 2013. The only place the accepted terminology appears in the draft is in the title and the name of the task force. The entire draft uses the terminology of the withdrawn CFI from March 2012.

### SuggestedRemedy

Update the terminology globally in the draft per the agreed objectives. In particular: 1.4.3 - change "preemptable Media Access Control" to "non-express Media Access Control" with an appropriate acronym 1.4.4 - change "preemptable traffic" to "non-express traffic"

Add IET to the acronyms defined in clause 1.

Occurrences of "preemptable" in clause 30 change to "non-express", objects such as "PreemptSupported", "PreemptEnabled", "PreemptActive" change to "IETSupported", "IETEnabled", "IETActive", etc.

Change "preemption capability" to "IET capability" globally in clause 79.

pMAC and PMAC not consistent in clause 79, but should change globally to neMAC (or whatever acronym is chosen for the non-express MAC).

Clause 99: preemptable MAC should be non-express MAC globally.

"MAC client supporting preemption" becomes "MAC client supporting IET" globally.

pMAC becomes neMAC (or chosen acronym) globally "preemption is active" becomes "IET is active" globally

"enable preemption" becomes "enable IET" globally

"link partner supports preemption" becomes "link partner supports IET"

Proposed Response Response Status 0

CI 99	SC 99.5.3	P 33	L <b>41</b>	# 332
Trowbridg	ge, Steve	Alcatel-Lucent		

### Comment Type TR Comment Status X

Clarify reason for differing preamble lengths, and do not rely on this in receive. In CSMA-CD implementations, the preamble is a "wiggle" to wake up the link, without reliance on being able to receive the whole sequence of alternating 1s and 0s prior to the SFD.

### SugaestedRemedv

If the reason for shortening the preamble for a non-initial fragment is space available, say so. On receive, clarify that the SMD or SFD received and not the length of the preamble determines the type of packet or mPacket received

Proposed Response Response Status 0

CI 99	SC 99.4.3	P <b>36</b>	L <b>7</b>	# 333
Trowbridg	ge, Steve	Alcatel-Lucent		
Commen	t Type TR	Comment Status X		

There are many instances of proprietary implementations of Ethernet-like things which may not work properly when interconnected with IEEE 802.3 standard compliant implementations. It is not necessary or desirable to describe them in the standard

### SuggestedRemedy

Delete the first paragraph of clase 99.4.3

Proposed Response Response Status 0

C/ 00 SC 0	P1	L <b>2</b>	# 334
Zimmerman, George	CME Consulting,	Inc.	

Comment Type Comment Status X Е

Given the date of this amendment being only on its first working group ballot and the 802.3bx revision which is to be 802.3-2015 being already in sponsor ballot, it seems that this should be an amendment to 802.3-2015. not 802.3-2012.

### SuggestedRemedy

Change header and front matter to reflect that this is an amendment to 802.3-2015. Editor to review draft for consistency with changes made in the 802.3bx revision project and to maintain consistency through sponsor ballot.

Proposed Response Response Status 0

<i>Cl</i> <b>99</b> SC Zimmerman, George	P 10 CME Consulti	L <b>15</b> ng, Inc.	# 335	Cl 30 SC 30.2. Zimmerman, George	3 P 15 CME Consult	L <b>33</b> ting, Inc.	# 338
Comment Type E Table of contents: page 10, line 15: extra page 11, line 42: extra	Comment Status X aneous "]" on 30.2.5	<b>3</b> , <b>1</b>		Comment Type E	Comment Status X anging "[", and close "]" ended u	0,	5
SuggestedRemedy Remove "]" and "[" - (	looks like they're actually in the	headers of 30.	2.5 and 90.4.4	,	tor's note and "]" from title of 30.2	2.5	
Proposed Response	Response Status O				sible, avoid dark (forest) green lir en colorblind. Blue or yellow are b		distinguish. 1 in 15
	P	L	# 336	Proposed Response	Response Status O		
Task Force" (it started TOC) SuggestedRemedy	CME Consulti Comment Status X up starting with table of conter d out correct in the front matter ad "IEEE 802.3br Interspersing Response Status O P14 CME Consulti Comment Status X	L <b>27</b>	correct following the	are in a Times font Although highlighti black for some (1 i <i>SuggestedRemedy</i> Redraw figure with	CME Consult Comment Status X figure (most boxes are sans-seri	f, oEXTENSION, n insert line is diff lind to some deg 2.3 style.	icult to distinguish fror ree, and I'm one).
SuggestedRemedy	without an open paren " See IE e IEEE Std 802.3br, Clause 99 <i>Response Status</i> <b>O</b>		, Clause 99.)"	SuggestedRemedy	5 P 17 CME Consult Comment Status X and 30-9 have blank column at rig umn from tables 30-8 and 30-9 Response Status O	-	# <u>340</u>

C/ 30 SC 30.14.1.	.2 P 21	L 10	# 341	CI 99 SC 99.4	l.5 P 37	L <b>45</b>	# 344
Zimmerman, George	CME Consult	ting, Inc.		Zimmerman, George	CME Cons	sulting, Inc.	
Comment Type E	Comment Status X			Comment Type E	Comment Status X		
already indicates as "	uperflous. there is an attribut unknown" only as prior to veri	e indicating verif	y disabled, and status	many other instar	ssing" a proper noun? inconsi- nces of "receive processing" ap ostly at the start of sentences)		
SuggestedRemedy					ne 54 for "Receive processing".		
Delete editor's note				SuggestedRemedy			
Proposed Response	Response Status O			Editor to check an throughout the dra	nd correct either line 8 or line 4 aft.	5 capitalization, and	d check & correct
C/ 30 SC 30.2.5 Zimmerman, George	P 15 CME Consult	L <b>54</b> ting, Inc.	# 342	Proposed Response	Response Status <b>O</b>		
Comment Type E	Comment Status X			CI 99 SC 99.4	.8 P 46	L <b>22</b>	# 345
	ck to 2014. Copyright jumps a	around in the drat	ft between 201x, 2015	Zimmerman, George	CME Cons	sulting, Inc.	
and 2014				Comment Type E	Comment Status X		
SuggestedRemedy					WAIT_FOR_RESPONSE has		
SuggestedRemedy Make all copyright 20 <sup>°</sup>	15.			appears to be typ	WAIT_FOR_RESPONSE has o in name of verifyCnt (see 99.		
55 ,	15. Response Status <b>O</b>			appears to be typ 7)			
Make all copyright 20				appears to be typ 7) SuggestedRemedy	o in name of verifyCnt (see 99.		
Make all copyright 20 <sup>-</sup>		L <b>49</b>	# 343	appears to be typ 7) SuggestedRemedy Replace verfyCnt	o in name of verifyCnt (see 99. with verifyCnt		
Make all copyright 20 <sup>-</sup> Proposed Response	Response Status O	-	# 343	appears to be typ 7) SuggestedRemedy	o in name of verifyCnt (see 99.		
Make all copyright 20 <sup>-</sup> Proposed Response Cl 99 SC 99.3.3 Zimmerman, George	Response Status O	-	# 343	appears to be typ 7) SuggestedRemedy Replace verfyCnt	o in name of verifyCnt (see 99. with verifyCnt		
Make all copyright 20 <sup>-</sup> Proposed Response Cl 99 SC 99.3.3 Zimmerman, George	Response Status O P 33 CME Consult Comment Status X	-	# [343	appears to be typ 7) SuggestedRemedy Replace verfyCnt	o in name of verifyCnt (see 99. with verifyCnt <i>Response Status</i> <b>O</b>	4.7.5, page 41 and	
Make all copyright 20 <sup>o</sup> Proposed Response Cl <b>99</b> SC <b>99.3.3</b> Zimmerman, George Comment Type <b>E</b> Missing space "inTabl	Response Status O P 33 CME Consult Comment Status X	-	# 343	appears to be typ 7) SuggestedRemedy Replace verfyCnt Proposed Response	o in name of verifyCnt (see 99. with verifyCnt <i>Response Status</i> <b>O</b>	4.7.5, page 41 and	l also below in Figure 99
Make all copyright 20 <sup>o</sup> Proposed Response Cl 99 SC 99.3.3 Zimmerman, George Comment Type E Missing space "inTabl SuggestedRemedy	Response Status O P 33 CME Consult Comment Status X le 99-1"	-	# 343	appears to be typ 7) SuggestedRemedy Replace verfyCnt Proposed Response	o in name of verifyCnt (see 99. with verifyCnt <i>Response Status</i> <b>O</b> <i>P</i> <b>8</b> CME Cons	4.7.5, page 41 and	l also below in Figure 99
Make all copyright 20 Proposed Response Cl 99 SC 99.3.3 Zimmerman, George Comment Type E	Response Status O P 33 CME Consult Comment Status X le 99-1"	-	# 343	appears to be typ 7) SuggestedRemedy Replace verfyCnt Proposed Response Cl 99 SC Zimmerman, George Comment Type El "[to be provided]" to be removed.	o in name of verifyCnt (see 99. with verifyCnt <i>Response Status</i> <b>O</b> <i>P</i> <b>8</b> CME Cons	4.7.5, page 41 and <i>L</i> <b>3</b> sulting, Inc.	also below in Figure 99 # <u>346</u>
Make all copyright 20 Proposed Response Cl 99 SC 99.3.3 Zimmerman, George Comment Type E Missing space "inTabl SuggestedRemedy insert space between	Response Status O P 33 CME Consult Comment Status X le 99-1" "in" and "Table 99-1"	-	# 343	appears to be typ 7) SuggestedRemedy Replace verfyCnt Proposed Response Cl 99 SC Zimmerman, George Comment Type El "[to be provided]" to be removed.	o in name of verifyCnt (see 99. with verifyCnt <i>Response Status</i> <b>O</b> <i>P</i> <b>8</b> CME Cons <b>R</b> <i>Comment Status</i> <b>X</b> is not a list of balloters, nor is i	4.7.5, page 41 and <i>L</i> <b>3</b> sulting, Inc.	also below in Figure 99
Make all copyright 20 Proposed Response Cl 99 SC 99.3.3 Zimmerman, George Comment Type E Missing space "inTabl SuggestedRemedy insert space between	Response Status O P 33 CME Consult Comment Status X le 99-1" "in" and "Table 99-1"	-	# 343	appears to be typ 7) SuggestedRemedy Replace verfyCnt Proposed Response Cl 99 SC Zimmerman, George Comment Type El "[to be provided]" to be removed. Similarly for the If SuggestedRemedy Provide list of ball to be removed pri	o in name of verifyCnt (see 99. with verifyCnt <i>Response Status</i> <b>O</b> <i>P</i> <b>8</b> CME Cons <b>R</b> <i>Comment Status</i> <b>X</b> is not a list of balloters, nor is i EEE-SA board on page 9. loting committee members, or i	4.7.5, page 41 and <i>L</i> <b>3</b> sulting, Inc. t marked as an edi	also below in Figure 99 # <u>346</u> tor's note or something

Cl 30 SC 30.2.3 P15 L 30 # 347	C/ 79 SC 79.3 P 24 L 14 # 350
Zimmerman, George CME Consulting, Inc.	Zimmerman, George CME Consulting, Inc.
Comment Type ER Comment Status X	Comment Type TR Comment Status X
looks like replacement for 30-3 is missing, following editing instruction, "Replace Fig 3 with the following" - surely it wasn't meant to replace the figure with an editor's nor Figure appears to be on following page SuggestedRemedy	
Put replacement for Figure 30-3 immediately after editing instruction.	SuggestedRemedy
Proposed Response         Response Status         O           CI 30         SC 30.2.5         P 18         L 17         # 348	Change editing instruction to be consistent with 802.3bx D3.0: "Insert row shown below Subtype 6, and change last row in table as shown" replace Subtype TBD with Subtype 7 Show row for Reserved, with strikeout of 7, replaced by 8.
Zimmerman, George CME Consulting, Inc.	Proposed Response Response Status O
Comment Type TR Comment Status X	
Parameters with no packages selected in table 30-9 make no sense - what package include these? why are they here? is this technically complete? aMACMergeVerifyTime aMACMergeAddFragSize	CI 79         SC 79.3.6         P 24         L 27         # 351           Zimmerman, George         CME Consulting, Inc.
aMACMergeHoldCount	Comment Type TR Comment Status X Specify subtype
aMACMergeHoldCount SuggestedRemedy	Specify subtype
aMACMergeHoldCount SuggestedRemedy Add a note explaining how these are offered, what is meant by blank rows or delete from table, and capabilities from draft.	specify subtype source rows SuggestedRemedy Replace Subtype = TBD with appropriate subtype consistent with 802.3bx D3.0 (suggest
aMACMergeHoldCount SuggestedRemedy Add a note explaining how these are offered, what is meant by blank rows or delete from table, and capabilities from draft.	Specify subtype
aMACMergeHoldCount SuggestedRemedy Add a note explaining how these are offered, what is meant by blank rows or delete from table, and capabilities from draft. Proposed Response Response Status O Cl 30 SC 30.12.1.1.1 P 18 L 36 # 349	Specify subtype SuggestedRemedy Replace Subtype = TBD with appropriate subtype consistent with 802.3bx D3.0 (suggest Subtype 7). Proposed Response Response Status O C/ 99 SC 99.4.7.7 P 43 L # 352
aMACMergeHoldCount SuggestedRemedy Add a note explaining how these are offered, what is meant by blank rows or delete from table, and capabilities from draft. Proposed Response Response Status O Cl 30 SC 30.12.1.1.1 P 18 L 36 # 349 Zimmerman, George CME Consulting, Inc.	Specify subtype SuggestedRemedy Replace Subtype = TBD with appropriate subtype consistent with 802.3bx D3.0 (suggest Subtype 7). Proposed Response Response Status O
aMACMergeHoldCount SuggestedRemedy Add a note explaining how these are offered, what is meant by blank rows or delete from table, and capabilities from draft. Proposed Response Response Status O C/ 30 SC 30.12.1.1.1 P 18 L 36 # 349 C/ 30 SC 30.12.1.1.1 P 18 L 36 # 349 C/ mmerman, George CME Consulting, Inc. Comment Type TR Comment Status X Unclear how many bits are in the string - text as written says 46. 802.3bx D3.0 says	Specify subtype SuggestedRemedy Replace Subtype = TBD with appropriate subtype consistent with 802.3bx D3.0 (suggest Subtype 7). Proposed Response Response Status O Cl 99 SC 99.4.7.7 P 43 L # 352 Brandt, David Rockwell Automation s 6, Comment Type E Comment Status X
aMACMergeHoldCount SuggestedRemedy Add a note explaining how these are offered, what is meant by blank rows or delete from table, and capabilities from draft. Proposed Response Response Status O Cl 30 SC 30.12.1.1.1 P 18 L 36 # 349 Zimmerman, George CME Consulting, Inc. Comment Type TR Comment Status X Unclear how many bits are in the string - text as written says 46. 802.3bx D3.0 says descriptive text below assigning bits shows 7.	Specify subtype SuggestedRemedy Replace Subtype = TBD with appropriate subtype consistent with 802.3bx D3.0 (suggest Subtype 7). Proposed Response Response Status O C/ 99 SC 99.4.7.7 P 43 L # 352 Brandt, David Rockwell Automation
aMACMergeHoldCount SuggestedRemedy Add a note explaining how these are offered, what is meant by blank rows or delete from table, and capabilities from draft. Proposed Response Response Status O Cl 30 SC 30.12.1.1.1 P 18 L 36 # 349 Cl mmerman, George CME Consulting, Inc. Comment Type TR Comment Status X Unclear how many bits are in the string - text as written says 46. 802.3bx D3.0 says descriptive text below assigning bits shows 7.	Specify subtype SuggestedRemedy Replace Subtype = TBD with appropriate subtype consistent with 802.3bx D3.0 (suggest Subtype 7). Proposed Response Response Status O C/ 99 SC 99.4.7.7 P 43 L # 352 Brandt, David Rockwell Automation s 6, Comment Type E Comment Status X Figure 99-4-Transmit Processing State Diagram
aMACMergeHoldCount SuggestedRemedy Add a note explaining how these are offered, what is meant by blank rows or delete from table, and capabilities from draft. Proposed Response Response Status O Cl 30 SC 30.12.1.1.1 P 18 L 36 # 349 Cl 30 SC 30.12.1.1.1 P 18 L 30 SC 30.12.1.1.1 P 18 L 30 SC 30.12.1.1.1.1 P 18 L 30 SC 30.12.1.1.1.1 P 18 L 30.1.1.1.1.1 P 18 L 30.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	Specify subtype SuggestedRemedy Replace Subtype = TBD with appropriate subtype consistent with 802.3bx D3.0 (suggest Subtype 7). Proposed Response Response Status O Cl 99 SC 99.4.7.7 P 43 L # 352 Brandt, David Rockwell Automation s 6, Comment Type E Comment Status X Figure 99-4-Transmit Processing State Diagram The variable 'ipg_timer_done' is defined and not used. Instead 'ipg_timer=done' is used.
aMACMergeHoldCount SuggestedRemedy Add a note explaining how these are offered, what is meant by blank rows or delete from table, and capabilities from draft. Proposed Response Response Status O C/ 30 SC 30.12.1.1.1 P 18 L 36 # 349 Zimmerman, George CME Consulting, Inc. Comment Type TR Comment Status X Unclear how many bits are in the string - text as written says 46. 802.3bx D3.0 says descriptive text below assigning bits shows 7. SuggestedRemedy Align text with revision draft 802.3bx, and clarify how many bits.	Specify subtype SuggestedRemedy Replace Subtype = TBD with appropriate subtype consistent with 802.3bx D3.0 (suggest Subtype 7). Proposed Response Response Status O Cl 99 SC 99.4.7.7 P 43 L # 352 Brandt, David Rockwell Automation s 6, Comment Type E Comment Status X Figure 99-4-Transmit Processing State Diagram The variable 'ipg_timer_done' is defined and not used. Instead 'ipg_timer=done' is used. I a similar way, 'verify_timer_done''is used correctly in Fig. 99-7.

C/ 99 SC 99.4.7.7 Brandt, David	P 43 L 14 Rockwell Automation	# 353	C/ 99 SC 99.4.7.7 Brandt, David	P <b>43</b> Rockwell Auton	L <b>46</b> mation	# 356
Comment Type E Figure 99-4-Transmit	Comment Status X Processing State Diagram		Comment Type E Figure 99-4-Transmit P	Comment Status X rocessing State Diagram		
The logical AND symb	ool '*' trails a 2 transition equations from state "IDI	LE_TX_PROC".	'PREMPT_WAIT' shou	d be 'PREEMPT_WAIT'.		
SuggestedRemedy Remove 2 trailing '*' s	ymbols.		SuggestedRemedy Add the 'E'.			
Proposed Response	Response Status O		Proposed Response	Response Status O		
C/ 99 SC 99.4.7.7 Irandt, David	P 43 L 17 Rockwell Automation	# 354	<i>Cl</i> <b>99</b> <i>SC</i> <b>99.4.7.7</b> Brandt, David	P <b>43</b> Rockwell Auton	L <b>41</b> mation	# 357
<i>Comment Type</i> <b>E</b> Figure 99-4-Transmit	Comment Status X Processing State Diagram		<i>Comment Type</i> <b>E</b> Figure 99-4-Transmit P	Comment Status X rocessing State Diagram		
FALSE is spelled FAL	E in rightmost transition equation from state 'IDLI	E_TX_PROC'.	Variable 'pTxCpt' shoul	d be 'pTxCplt' in state 'P_TX_0	COMPLETE'.	
SuggestedRemedy Change 'send_v=FAS	E' to 'send_v=FALSE'.		SuggestedRemedy Add the 'l'.			
Proposed Response	Response Status O		Proposed Response	Response Status O		
	P 43 L 31	" 055	C/ 99 SC 99.4.7.7	P <b>43</b>	L <b>42</b>	# 358
	Rockwell Automation	# 355	Brandt, David	Rockwell Auton		# [550
Brandt, David Comment Type E		# 355	Brandt, David Comment Type E	-		# 330
Brandt, David Comment Type E Figure 99-4-Transmit	Rockwell Automation	# 355	Brandt, David <i>Comment Type</i> <b>E</b> Figure 99-4-Transmit P	Rockwell Auton	nation	# <u>1330</u>
Brandt, David Comment Type E Figure 99-4-Transmit	Rockwell Automation Comment Status X Processing State Diagram	# 355	Brandt, David <i>Comment Type</i> <b>E</b> Figure 99-4-Transmit P	Rockwell Auton Comment Status X rocessing State Diagram	nation	# <u>1330</u>

IEEE P802.3br	(D2.0) Inters	spersing Expres	s Traffic Initial Working	Group ballot comments

CI 99 SC 99.4.7.	7 P 43	L <b>39</b>	# 359	C/ 99 SC	C 99.4.7.7	P 4	3	L	# 361
Brandt, David	Rockwell A	utomation		Brandt, David		Rock	well Automa	ation	
Comment Type E	Comment Status X			Comment Type	TR	Comment Status	х		
Figure 99-4-Transmi	t Processing State Diagram			Figure 99-4	-Transmit F	Processing State Dia	gram		
State 'P_TX_COMPI include an IF statem	LETE' is more complex to un ent.	derstand than nece	essary and forced to	'mTX_DATA	A( )' for this				rtions of the logic use D_FRAG_COUNT' an
SuggestedRemedy				'SEND_SM					
Separate into 2 state	es: 'P_TX_COMPLETE' and	P_TX_FRAG_COM	/IPLETE'.	SuggestedRem	-				
Proposed Response	Response Status 0			'SEND_SM	D-C' m 'FRAG_E	ENCODE(txFrame)' to	_	. –	ENCODE(txFrame))' ir NCODE(txFrame))' in
C/ <b>99</b> SC <b>99.4.7.</b> Brandt, David	7 P 43 Rockwell A	L 48	# 360		m 'SMDS_E		o 'mTX_DA	TA(SMDS_E	ENCODE(txFrame))' in
Comment Type TR	Comment Status X			Proposed Resp	onse	Response Status	0		
State 'PREEMPT_W	it Processing State Diagram /AIT' should have assignmer ly in state 'RESUME_PREAI			C/ <b>99</b> SC Brandt, David	C 99.4.7.7	P 4 Rock	4 well Automa	L 8 ation	# 362
State 'PREEMPT_W is processed correct been previously rece SuggestedRemedy Add to state 'PREEM	AIT' should have assignmer ly in state 'RESUME_PREA!	/BLE', where an ex	kpress packet has not	Brandt, David <i>Comment Type</i> 99-5-Receiv	E ve Processi K_PROC', 'I edy eRx'.		well Automa X rrong.		# 362
State 'PREEMPT_W is processed correct been previously rece SuggestedRemedy Add to state 'PREEM	/AIT' should have assignmer ly in state 'RESUME_PREAI sived. /IPT_WAIT' the assignment '	/BLE', where an ex	kpress packet has not	Brandt, David Comment Type 99-5-Receiv In 'IDLE_R) SuggestedRem Use 'resum Proposed Resp	E ve Processi K_PROC', 'I edy eRx'.	Rock Comment Status ing State Diagram ResumeRx' case is v Response Status	well Automa X rrong. O	ation L 19	# <u>362</u> # <u>363</u>
State 'PREEMPT_W is processed correct been previously rece SuggestedRemedy Add to state 'PREEM	/AIT' should have assignmer ly in state 'RESUME_PREAI sived. /IPT_WAIT' the assignment '	/BLE', where an ex	kpress packet has not	Brandt, David Comment Type 99-5-Receiv In 'IDLE_R) SuggestedRem Use 'resum Proposed Resp C/ 99 SC Brandt, David Comment Type	E ve Processi (_PROC', ' edy eRx'. onse C 99.4.7.7 E	Rock Comment Status ing State Diagram ResumeRx' case is v Response Status	well Automa X rrong. 0 4 well Automa X	ation L 19	
State 'PREEMPT_W is processed correct been previously rece SuggestedRemedy Add to state 'PREEM	/AIT' should have assignmer ly in state 'RESUME_PREAI sived. /IPT_WAIT' the assignment '	/BLE', where an ex	kpress packet has not	Brandt, David Comment Type 99-5-Receiv In 'IDLE_R) SuggestedRem Use 'resum Proposed Resp C/ 99 S( Brandt, David Comment Type Figure 99-5	E ve Processi (_PROC', ' edy eRx'. onse C 99.4.7.7 E -Receive P	Rock Comment Status ing State Diagram ResumeRx' case is v Response Status P 4 Rock Comment Status	well Automa X rrong. 0 4 well Automa X ram	ation L 19	
State 'PREEMPT_W is processed correct been previously rece SuggestedRemedy	/AIT' should have assignmer ly in state 'RESUME_PREAI sived. /IPT_WAIT' the assignment '	/BLE', where an ex	kpress packet has not	Brandt, David Comment Type 99-5-Receiv In 'IDLE_R) SuggestedRem Use 'resum Proposed Resp C/ 99 S( Brandt, David Comment Type Figure 99-5	E ve Processi (_PROC', ' edy eRx'. onse C 99.4.7.7 E -Receive P AMBLE', 'F edy	Rock Comment Status ing State Diagram ResumeRx' case is v Response Status P 4 Rock Comment Status Processing State Diag	well Automa X rrong. 0 4 well Automa X ram	ation L 19	

C/ 99 SC 99.4.7.4 Brandt, David	P <b>39</b> Rockwell Auto	L 53 mation	# 364	<i>Cl</i> <b>99</b> Remein, Du	SC <b>99.4.4</b> ane	I	P <b>36</b> FutureWei Te	L <b>26</b> echnologi	# 366
Comment Type E Typo: 'detectsa'	Comment Status X			Comment 7 Stray c		Comment Sa ction title "[Transr		g"	
SuggestedRemedy Substitute 'detects a'.				<i>Suggestedl</i> Strike	Remedy				
Proposed Response	Response Status 0			Proposed F	lesponse	Response St	tatus <b>O</b>		
CI 99 SC	Р	L	# 365	C/ 99	SC 99.4.5		P 37	L <b>26</b>	# 367
love, Dan	Dove Network	ing Solut		Remein, Du	ane	I	FutureWei Te	echnologi	
					· _	Comment St			
Comment Type T	Comment Status X			Comment 7	ype E	Comment S	tatus X		
The use of Start_of_F practice as it exposes	Frame_Delimiter (SFD) to articu	ng Distance failu	ire. I don't have the	This se	ntence does no		"An SMD con	taining an SMD-	C an mPacket that
The use of Start_of_F practice as it exposes time or specific exper-	Frame_Delimiter (SFD) to articular packets to a potential Hammin tise to analyze the approach be	ng Distance failu eing used, but wa	ire. I don't have the ant to express my	This se	ntence does no es the data for	ot make sense: "	"An SMD con	taining an SMD-	C an mPacket that
The use of Start_of_F practice as it exposes time or specific exper-	Frame_Delimiter (SFD) to articular packets to a potential Hammin tise to analyze the approach be proach with the hope that othe	ng Distance failu eing used, but wa	ire. I don't have the ant to express my	This se continu <i>Suggestedi</i> Change	ntence does no es the data for Remedy	ot make sense: " a preempted fra containing an SM	"An SMD con ame"	Ū	
The use of Start_of_F practice as it exposes time or specific experi- concern about this ap consider that concern In addition, the approv- identify the state of th alignment due to impl	Frame_Delimiter (SFD) to articular packets to a potential Hammin tise to analyze the approach be proach with the hope that othe taken appears to relive upon the be packet being received. Many lementations like RGMII, etc. W	ng Distance failu eing used, but wa rs within this pro- pyte-orientation o PHYs in the ind Vhile one can rel	are. I don't have the ant to express my oject will carefully of the receiver to clearly dustry use nibble-based ly upon Auto-	This se continu <i>Suggestedi</i> Change	ntence does no es the data for <i>Remedy</i> e to: "An SMD o en preempted.'	ot make sense: " a preempted fra containing an SM	"An SMD con ame" MD-C indicate	Ū	C an mPacket that on of an mPacket that
The use of Start_of_F practice as it exposes time or specific experi- concern about this ap consider that concern In addition, the approx- identify the state of th alignment due to impl Negotiation to ensure	Frame_Delimiter (SFD) to articular packets to a potential Hammin tise to analyze the approach be proach with the hope that othe second	ng Distance failu eing used, but wa rs within this pro- pyte-orientation o PHYs in the ind Vhile one can rel with RGMII does	are. I don't have the ant to express my oject will carefully of the receiver to clearly dustry use nibble-based ly upon Auto- s not go into IET mode	This se continu <i>Suggestedi</i> Change has bee	ntence does no es the data for <i>Remedy</i> e to: "An SMD o en preempted.'	ot make sense: " a preempted fra containing an SM ".	"An SMD con ame" MD-C indicate	Ū	on of an mPacket that
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The use of Start_of_F practice as it exposes time or specific experi- concern about this ap consider that concern In addition, the appro- identify the state of th alignment due to impl Negotiation to ensure of operation, the spec wish to retain RGMII i have the detailed imp	Frame_Delimiter (SFD) to articular packets to a potential Hammin tise to analyze the approach be proach with the hope that other and the hope that other and the being received. Many lementations like RGMII, etc. We that an older PHY architected diffication may not have consider properties of the properties of the second se	ng Distance failu eing used, but wa rs within this pro- pyte-orientation o r PHYs in the ind Vhile one can rel- with RGMII does red the implication ating IET into thei ed to address this	are. I don't have the ant to express my oject will carefully of the receiver to clearly dustry use nibble-based ly upon Auto- s not go into IET mode ons upon those who ir designs. I don't s, but suggest that	This se continu Suggested Change has be Proposed F	Antence does no es the data for Remedy to: "An SMD ( en preempted." Response SC <b>79.3.6</b> iane	ot make sense: " a preempted fra containing an SM ". <i>Response St</i>	"An SMD con ame" MD-C indicate <i>tatus</i> <b>O</b> <i>P</i> 24 FutureWei Te	es the continuation	on of an mPacket that
The use of Start_of_F practice as it exposes time or specific exper- concern about this ap consider that concern In addition, the approa- identify the state of th alignment due to impl Negotiation to ensure of operation, the spec wish to retain RGMII i have the detailed imp PHY implementers wh designs.	Frame_Delimiter (SFD) to articular packets to a potential Hammin tise to analyze the approach be proach with the hope that other and the hope that other and the hope that other and the hope that being received. Many lementations like RGMII, etc. Withat an older PHY architected diffication may not have consider mplementation while incorporations while incorporations and the hope that an older pHY architected diffication while incorporations while	ng Distance failu eing used, but wa rs within this pro- pyte-orientation o r PHYs in the ind Vhile one can rel- with RGMII does red the implication ating IET into thei ed to address this	are. I don't have the ant to express my oject will carefully of the receiver to clearly dustry use nibble-based ly upon Auto- s not go into IET mode ons upon those who ir designs. I don't s, but suggest that	This se continu Suggestedi Change has be Proposed F Cl <b>79</b> Remein, Du Comment T	Antence does not es the data for Remedy to: "An SMD of the preempted." Response SC 79.3.6 nane Type E rent 802.3 tem	ot make sense: " a preempted fra containing an SM ". <i>Response St</i>	"An SMD con ame" MD-C indicate <i>tatus</i> <b>O</b> P 24 FutureWei Te <i>itatus</i> <b>X</b>	<i>L</i> 18 echnologi	on of an mPacket that
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The use of Start_of_F practice as it exposes time or specific experi- concern about this ap consider that concern In addition, the approx- identify the state of th alignment due to impl Negotiation to ensure of operation, the spec wish to retain RGMII have the detailed imp PHY implementers with	Frame_Delimiter (SFD) to articular packets to a potential Hammin tise to analyze the approach be proach with the hope that other and the hope that other and the being received. Many lementations like RGMII, etc. We that an older PHY architected diffication may not have consider properties of the properties of the second se	ng Distance failu eing used, but wa rs within this pro- pyte-orientation o r PHYs in the ind Vhile one can rel- with RGMII does red the implication ating IET into thei ed to address this	are. I don't have the ant to express my oject will carefully of the receiver to clearly dustry use nibble-based ly upon Auto- s not go into IET mode ons upon those who ir designs. I don't s, but suggest that	This se continu Suggested Change has bee Proposed F Cl <b>79</b> Remein, Du Comment 1 Per cur already Suggested	Antence does no es the data for Remedy to: "An SMD of en preempted." Response SC 79.3.6 mane SC 79.3.6 mane Expert 802.3 tem Remedy	ot make sense: " a preempted fra containing an SM ". <i>Response St</i>	"An SMD con ame" MD-C indicate tatus <b>O</b> P 24 FutureWei Te tatus X be 79.3.5a no	L 18 echnologi ot 79.3.6 (which a	n of an mPacket that # [ <u>368</u>

Cl 79       SC 79.3.6       P 24       L 32       # 369         Remein, Duane       FutureWei Technologi       Scruton, Peter       University of New Harr         Comment Type       E       Comment Status X       Scruton, Peter       University of New Harr         SuggestedRemedy       Change to Figure 79-6a per current template.       Cl 30       SC 30.2.5       P 15       L 3         Proposed Response       Response Status       O       Comment Type       E       Comment Status X         SuggestedRemedy       Change to Figure 79-6a per current template.       Proposed Response       Response Status       O         Cl 79       SC 79.4.2       P 24       L 53       # 370       Cl 30       SC 30.12.1.1.1       P 18       L 3         Remein, Duane       FutureWei Technologi       Scruton, Peter       University of New Harr       Comment Status X       This may be my lack of expertise in what this means, but 6 b item consumes a bit seems insufficient.         SuggestedRemedy       Change to "of Table 79-9 and"       Proposed Response       Response Status O         Cl 79       SC 79.4.2       P 25       L 1       # 371       SuggestedRemedy         Proposed Response       Response Status O       O       Cl 30       SC 30.12.2.1.30       P 19       L 1	
Comment Type       E       Comment Status X         This figure is incorrectly numbered as Figure 79-6 already exists in 79.3.5       Sublause 30.2.5 title has "J" in it.         SuggestedRemedy       Change to Figure 79-6 aper current template.         Proposed Response       Response Status O         Cl 79       SC 79.4.2       P 24       L 53       # 370         Cl 79       SC 79.4.2       P 24       L 53       # 370         Cl 79       SC 79.4.2       P 24       L 53       # 370         Comment Type       E       Comment Status X       O         Comment Type       E       Comment Status X       O         Comment Type       E       Comment Status X       This may be my lack of expertise in what this means, but 6 b item consumes a bit seems insufficient.         SuggestedRemedy       Change to "of Table 79-9 and"       SuggestedRemedy         Cl 79       SC 79.4.2       P 25       L 1       # 371         Cl 79       SC 79.4.2       P 25       L 1       # 371         Cl 79       SC 79.4.2       P 25       L 1       # 371         Remein, Duane       FutureWei Technologi       C/ 30       SC 30.12.2.1.30       P 19       L 1         Cri 30       SC 20.12.2.1.30       P 19       <	
Change to Figure 79-6a per current template.         Proposed Response       Response Status         O       Proposed Response         Remein, Duane       FutureWei Technologi         Comment Type       E         Comment Type       E         Comment Status       X         missing space in editors instruction: "of Table 79-9and"         SuggestedRemedy       Change to "of Table 79-9 and"         change to "of Table 79-9 and"         Proposed Response       Response Status         O       Proposed Response         Cl 79       SC 79.4.2         P 25       L1         # 371       Grade Response         Cl 79       SC 79.4.2         P 25       L1         # 371       Cl 30         Cl 30       SC 30.12.2.1.30         P 19       L1         Remein, Duane       FutureWei Technologi         Cl 79       SC 79.4.2       P 25         L1       # 371         Cl 30       SC 30.12.2.1.30         P 19       L1         Scruton, Peter       University of New Ham         Comment Type       E         Comment Status       X	
Cl 79       SC 79.4.2       P 24       L 53       # 370         Remein, Duane       FutureWei Technologi       Cl 30       SC 30.12.1.1.1       P 18       L 3         Comment Type       E       Comment Status X       Scruton, Peter       University of New Ham         Comment Type       E       Comment Status X       This may be my lack of expertise in what this means, but 6 b         SuggestedRemedy       Change to "of Table 79-9 and"       Comment Type       E       Comment Status X         Proposed Response       Response Status O       O       Proposed Response       Response Status O         Cl 79       SC 79.4.2       P 25       L 1       # 371       Cl 30       SC 30.12.2.1.30       P 19       L 1         Remein, Duane       FutureWei Technologi       Cl 30       SC 30.12.2.1.30       P 19       L 1         Comment Type       E       Comment Status X       Scruton, Peter       University of New Ham	
Remein, Duane       FutureWei Technologi       Scruton, Peter       University of New Ham         Comment Type       E       Comment Status X       This may be my lack of expertise in what this means, but 6 be item consumes a bit seems insufficient.         SuggestedRemedy       Change to "of Table 79-9 and"       This may be my lack of expertise in what this means, but 6 be item consumes a bit seems insufficient.         Proposed Response       Response Status O       Proposed Response       Response Status O         Cl 79       SC 79.4.2       P 25       L 1       # [371]         Remein, Duane       FutureWei Technologi       Cl 30       SC 30.12.2.1.30       P 19       L 1         Comment Type       E       Comment Status X       University of New Ham	
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Cl 79       SC 79.4.2       P 25       L 1       # 371       Cl 30       SC 30.12.2.1.30       P 19       L 1         Remein, Duane       FutureWei Technologi       FutureWei Technologi       Cl 30       SC 30.12.2.1.30       P 19       L 1         Comment Type       E       Comment Status X       Cl 30       SC 30.12.2.1.30       P 19       L 1	its for 7 items where each
Remein, Duane     FutureWei Technologi     C/ 30     SC 30.12.2.1.30     P 19     L 1       Comment Type     E     Comment Status     X     Scruton, Peter     University of New Ham	
Missing editing instruction for Table 79-7a. This appear to be a new table and part of 79.3.6.1 (which should be 79.3.5a.1 see related comment).	apability;" to "preemption
SuggestedRemedy       capability.;"         Change Editing Instruction pg 24 line 16 from: "Insert Subclause 79.3.6 following subclause 79.3.5.5." to: "Insert Subclause 79.3.5a, subclauses and Table 79-7a as follows."Organize text so 79.4 appear after the new table.       SuggestedRemedy	
Proposed Response Response Status <b>O</b>	

C/ 30 P 19 L 53 # 375 C/ 99 P 36 # 379 SC 30.12.3.1.24 SC 99.4.4 L 27 Scruton. Peter University of New Ham University of New Ham Scruton. Peter Comment Type E Comment Status X Comment Type E Comment Status X In Subclause 30.12.3.1.24 consider changing "preemption.capability:" to "preemption Subclause 99.4.4 title has 'I' in it. capability.:" SuggestedRemedv SuagestedRemedv Proposed Response Response Status 0 Proposed Response Response Status O C/ 00 Р SC 1 # 380 C/ 30 SC 30.12.3.1.27 P 20 L 27 # 376 Peter Stassar Huawei Technologies Scruton, Peter University of New Ham Comment Type ER Comment Status X Comment Type Ε Comment Status X The draft is totally inconsistent between its title, referring to Interspersing Traffic and the consider adding a period before the ':' actual text, where only 'Preempt ...' is being used. SuggestedRemedy SuggestedRemedv Fix inconsistency. Proposed Response Proposed Response Response Status 0 Response Status 0 C/ 30 SC 30.14.1.6 P 22 L 8 # 377 C/ 01 SC 1.4.1 P16 L17 # 381 Thompson, Geoff Scruton, Peter University of New Ham GraCaSI S.A. Comment Type Ε Comment Status X Comment Type **TR** Comment Status X consider adding ';' to end of line. The current text of the definition appears to require the definition of a "new MAC". My impression of this project was that it was supposed to accomplish its goals within the SuggestedRemedy reconciliation sub-laver and use two instances of a normal full-duplex MAC. SuggestedRemedy Proposed Response Response Status 0 Change text to read: "1.4.1 express Media Access Control (eMAC): The instance of the Media Access Control sublaver associated with an Interspersing Express Traffic port which is the client of a MAC Merge sublayer service interface that handles express frames." C/ 30 SC 30.14.1.7 P 22 L 17 # 378 Proposed Response Response Status 0 Scruton, Peter University of New Ham Comment Type Е Comment Status X consider adding ';' to end of line. SuggestedRemedy Proposed Response Response Status 0

IEEE P802.3br (D2.0) Interspersing Express Traffic Initial Working Group ballot comments

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: Comment ID

-								
Cl 1 SC 1.4.3 Thompson, Geoff	B P 16 GraCaSI S.A.	L <b>22</b>	# 382	CI <b>99</b> S Thompson, Ge	SC 99.3.3	Р <b>36</b> GraCaSI S.A.	L <b>49</b>	# 385
Comment Type TR				Comment Type		Comment Status X		
The current text of impression of this	i the definition appears to require th project was that it was supposed to layer and use two instances of a no	accomplish its	goals within the	I am oppos	sed to the ex	and architecture by loading da		
SuggestedRemedy				SuggestedRen	nedy			
Change text to read: "1.4.3 express Media Access Control (eMAC): The instance of the Media Access Control sublayer associated with an Interspersing Express Traffic port which is the client of a MAC Merge sublayer service interface that handles preemptable frames." <i>Proposed Response</i> Response Status <b>O</b>				Have only one new value of start frame delimiter whose job is to signal that the frame is a pre-temptable frame and handle all of the data for managing broken frames within the dat field. I would strongly prefer that all such management data appear behind an EtherType field so things are consistent with other varieties of VLAN frames.				
				Proposed Res	ponse	Response Status O		
C/ 1 SC 1.4.5 Thompson, Geoff	6 P <b>16</b> GraCaSI S.A.	L <b>28</b>	# 383		C 99.4.7.4	P 41	L 14	# 386
Comment Type E	Comment Status X			Tabatabaee, V	ahid	Broadcom		
The current text se	eems imprecise. I suggest a little tv	veaking.		Comment Type	ə T	Comment Status X		
SuggestedRemedy Change text to rea interspersing expr	eems imprecise. I suggest a little tw ad: "1.4.5 MAC Merge sublayer: An ess traffic with preemptable traffic b Signaling Sublayer (PLS) service. S	optional sublaye	eMAC and a pMAC to	SMDS_EN return valu SuggestedRen	ICODE must e should be <i>nedy</i>	check if preemption status is	·	nption is not active the
SuggestedRemedy Change text to rea interspersing expr	ad: "1.4.5 MAC Merge sublayer: An ess traffic with preemptable traffic b	optional sublaye	eMAC and a pMAC to	SMDS_EN return valu SuggestedRen	ICODE must e should be nedy ion for check	check if preemption status is SFD.	·	nption is not active the
SuggestedRemedy Change text to rea interspersing expr a single Physical S	ad: "1.4.5 MAC Merge sublayer: An ess traffic with preemptable traffic b Signaling Sublayer (PLS) service. S	optional sublaye	eMAC and a pMAC to	SMDS_EN return valu SuggestedRen Add condit Proposed Res	ICODE must e should be nedy ion for check	check if preemption status is SFD. king preemption status in SMD	·	nption is not active the
SuggestedRemedy Change text to rea interspersing expr a single Physical S Proposed Response	ad: "1.4.5 MAC Merge sublayer: An ess traffic with preemptable traffic b Signaling Sublayer (PLS) service. S <i>Response Status</i> <b>O</b>	optional sublaye	MAC and a pMAC to 2.3br, Clause 99.)	SMDS_EN return valu SuggestedRen Add condit Proposed Res	ICODE must e should be nedy ion for check bonse	check if preemption status is SFD. king preemption status in SMD <i>Response Status</i> <b>O</b>	DS_ENCODE.	
SuggestedRemedy Change text to rea interspersing expr a single Physical S Proposed Response C/ 99 SC Thompson, Geoff	ad: "1.4.5 MAC Merge sublayer: An ess traffic with preemptable traffic b Signaling Sublayer (PLS) service. S <i>Response Status</i> <b>0</b> <i>P</i> <b>32</b> GraCaSI S.A.	optional sublaye	MAC and a pMAC to 2.3br, Clause 99.)	SMDS_EN return valu SuggestedRen Add condit Proposed Res C/ 99 S Tabatabaee, V Comment Type	ICODE must e should be nedy ion for check bonse CC 99.4.7.7 ahid e E	check if preemption status is SFD. king preemption status in SMD <i>Response Status</i> <b>O</b> <i>P</i> <b>46</b> Broadcom <i>Comment Status</i> <b>X</b>	L 29	# [387
SuggestedRemedy Change text to rea interspersing expr a single Physical S Proposed Response C/ 99 SC Thompson, Geoff Comment Type TR This clause seems used for the eMAC	ad: "1.4.5 MAC Merge sublayer: An ess traffic with preemptable traffic b Signaling Sublayer (PLS) service. S <i>Response Status</i> <b>0</b> <i>P</i> <b>32</b> GraCaSI S.A.	optional sublaye y attaching an e ee IEEE Std 80.	# 384 the existing MAC is	SMDS_EN return valu SuggestedRen Add condit Proposed Res C/ 99 S Tabatabaee, V Comment Type In Figure 9	ICODE must e should be nedy ion for check bonse C 99.4.7.7 ahid e E 19-7, if verific	check if preemption status is SFD. king preemption status in SMD <i>Response Status</i> <b>O</b> <i>P</i> <b>46</b> Broadcom	L 29	# [387
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SuggestedRemedy Change text to rea interspersing expr a single Physical S Proposed Response Cl 99 SC Thompson, Geoff Comment Type TR This clause seems used for the eMAC service interface. SuggestedRemedy Respecify things s	ad: "1.4.5 MAC Merge sublayer: An ess traffic with preemptable traffic b Signaling Sublayer (PLS) service. S <i>Response Status</i> <b>0</b> <i>P</i> <b>32</b> GraCaSI S.A. <i>Comment Status</i> <b>X</b> s to (a) not precisely specify which o	optional sublaye y attaching an e ee IEEE Std 80.	# 384 the existing MAC is the upper MAC	SMDS_EN return valu SuggestedRen Add condit Proposed Res Cl 99 S Tabatabaee, V Comment Type In Figure 9 operation. SuggestedRen Add a con INIT_VER	ICODE must e should be nedy ion for check bonse C 99.4.7.7 ahid e E 19-7, if verific Need a path nedy dition that if p FICATION.	check if preemption status is SFD. king preemption status in SMD <i>Response Status</i> <b>O</b> <i>P</i> <b>46</b> Broadcom <i>Comment Status</i> <b>X</b> ration fails, then there is no wa	L 29 by for SW to re	# 387