C/ 90	SC 90.1	P38	BASE-T1S (see Clause 147) in full-duplex and point-to-point tion, as well as Clause 168, in half-duplex operation, and for lose mode. Figure 168-1 shows no PMD in the stack, wheras Figure 22-1 shows a PMD. OPEN Alliance invented a PMD as a preferred implementation. Sugested/Remedy Group to discuss. This Will duplex modes. The TSS is defined for 10BASE-T1S (see Clause 147) in full- alf-duplex mode* BASE-T1S / M (Clause 147 and Clause 168) in half-duplex rother PHY types in full-duplex mode* Response Status W PROPOSED ACCEPT IN PRINCIPLE. exponse Status W PRINCIPLE. C/ 79 SC 79.3.9.3 P37 L13 # 248 in duplex mode of thalf duplex rather than "half-duplex" and of 10BASE-T1M That Sugested/Remedy Comment Status D DPLCA Table 79-21, Bit 3 should refer to DPLCA per 30.16.1.1.11 Suggested/Remedy Change "Field definitions" for Bit 3 to: "Bit 3- DPLCA" DPLCA Table 79-22, Bit 3 should refer to DPLCA per 30.16.1.1.11 Suggested/Remedy Change "Field definitions" for Bit 3 to: "Bit 3- DPLCA" Rockwell Automation Comment Status D 10BASE-T1S Mage Clause 168'. P29 L35 # 209 Rockwell Automation Comment Status M Right cuplex operations" to "Clause 168'. 10BASE-T1S C1 9 SC 45.2.1.214.2 P29 L35 # 209 Clause 168.1 L9 # 251 Change "Field definitions" for Bit 3 to: "Bit 3 -D-PLCA" The new text he						
Zimmerma	an, George	CME Consulti	ng/ADI, APL G	ip, Cisco, Marvell, OnSem	Brandt, David	i	Rockwell Aut	tomation	
Comment	Туре Т	Comment Status D		10BASE-T1S	Comment Ty	pe T	Comment Status D		10BASE-T1S
half-du other F	uplex modes of op PHY types in full-	peration, as well as Clause 1 duplex mode." - if it works f	68 in half-duple or clause 168,	ex operation, and for it works for clause 147 in	Alliance i	nvented a PMD a			vs a PMD. OPEN
		pe-limited to point-to-point.			Group to	discuss whether	we want a PMD definition	n as an "enhanc	cement" in Clause 168.
Suggested	dRemedy				Proposed Re	sponse	Response Status W		
duplex of oper	x and point-to-poir eration, as well as	nt half-duplex modes 10BASE-T1S / M (Clause 1	47 and Clause	168) in half-duplex	Group to	discuss. This w	ill involve draft reorganization	tion and misalig	nment with clause 147 -
	Response		duplex mode		CI 79	SC 79.3.9.3	P 37	L13	# 248
	POSED ACCEPT I	,			Brandt, David	ł	Rockwell Aut	tomation	
	's comment - TFT				Comment Ty	pe E	Comment Status D		DPLCA
	onse changed to a	alian with usage of "half duple	ex" rather than	"half-duplex" and	Table 79	-21, Bit 3 should	refer to DPLCA per 30.16	5.1.1.11	
				nan auplox ana	1001010	'		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
spellin	ng out of 10BASE-	-T1S / 10BASE-T1M				emedv			
	-	-TIS / 10BASE-T1M			SuggestedRe				
Chang duplex	ge sentence to rea x and point-to-poir	-TIS / 10BASE-T1M ad "The TSSI is defined for 1 ht half duplex modes of oper	0BASE-T1S (s ation, as well a	ee Clause 147) in full s 10BASE-T1S and	SuggestedRe Change	Field definitions"	for Bit 3 to: "Bit 3- DPLC		
Chang duplex 10BAS	ge sentence to rea x and point-to-poir SE-T1M (Clause 1	-TIS / 10BASE-T1M ad "The TSSI is defined for 1 ht half duplex modes of oper 147 and Clause 168) in half o	0BASE-T1S (s ation, as well a	ee Clause 147) in full s 10BASE-T1S and	SuggestedRe Change ' Proposed Re	'Field definitions" sponse	for Bit 3 to: "Bit 3- DPLC, Response Status W		
Chang duplex 10BAS other F	ge sentence to rea x and point-to-poir SE-T1M (Clause 1 PHY types in full c	-TIS / 10BASE-T1M ad "The TSSI is defined for 1 ht half duplex modes of oper 147 and Clause 168) in half o duplex mode"	0BASE-T1S (s ation, as well a duplex multidro	ee Clause 147) in full s 10BASE-T1S and p operation, and for	SuggestedRe Change ' Proposed Re PROPOS (function	Field definitions" sponse SED ACCEPT IN is called D-PLCA	' for Bit 3 to: "Bit 3- DPLC, Response Status W PRINCIPLE. A in almost all places, not	A"	nanagement object omits
Chang duplex 10BAS other F	ge sentence to rea x and point-to-poir SE-T1M (Clause 1 PHY types in full o SC 90.1	-TIS / 10BASE-T1M ad "The TSSI is defined for 1 nt half duplex modes of oper 147 and Clause 168) in half of duplex mode" P 38	0BASE-T1S (s ation, as well a duplex multidro <i>L</i> 9	ee Clause 147) in full s 10BASE-T1S and p operation, and for	SuggestedRe Change ' Proposed Re PROPOS (function	Field definitions" sponse SED ACCEPT IN is called D-PLCA	' for Bit 3 to: "Bit 3- DPLC, Response Status W PRINCIPLE. A in almost all places, not	A"	nanagement object omits
Chang duplex 10BAS other F <i>CI</i> 90 Brandt, Da	ge sentence to rea x and point-to-poir SE-T1M (Clause 1 PHY types in full o SC 90.1 avid	-TIS / 10BASE-T1M ad "The TSSI is defined for 1 nt half duplex modes of oper 147 and Clause 168) in half o duplex mode" P38 Rockwell Auto	0BASE-T1S (s ation, as well a duplex multidro <i>L</i> 9	ee Clause 147) in full s 10BASE-T1S and p operation, and for # 251	SuggestedRe Change ' Proposed Re PROPOS (function the - (pre	Field definitions" sponse SED ACCEPT IN is called D-PLC/ sumably for synt	for Bit 3 to: "Bit 3- DPLC. <i>Response Status</i> W PRINCIPLE. A in almost all places, not ax).)	A" DPLCA. The m	nanagement object omits
Chang duplex 10BAS other F C/ 90 Brandt, Da Comment	ge sentence to rea x and point-to-poin SE-T1M (Clause 1 PHY types in full o SC 90.1 avid <i>Type</i> E	-T1S / 10BASE-T1M ad "The TSSI is defined for 1 nt half duplex modes of oper 147 and Clause 168) in half of duplex mode" P38 Rockwell Auto Comment Status D	0BASE-T1S (s ation, as well a duplex multidro <i>L</i> 9	ee Clause 147) in full s 10BASE-T1S and p operation, and for # 251	SuggestedRe Change ' Proposed Re PROPOS (function the - (pre Change '	Field definitions" sponse SED ACCEPT IN is called D-PLCA sumably for synt Field definitions"	for Bit 3 to: "Bit 3- DPLC, <i>Response Status</i> W PRINCIPLE. A in almost all places, not ax).)	A" DPLCA. The m CA"	
Chang duplex 10BAS other F Cl 90 Brandt, Da Comment Clause	ge sentence to rea x and point-to-poir SE-T1M (Clause 1 PHY types in full o SC 90.1 avid <i>Type</i> E e 168 ONLY opera	-TIS / 10BASE-T1M ad "The TSSI is defined for 1 nt half duplex modes of oper 147 and Clause 168) in half o duplex mode" P38 Rockwell Auto	0BASE-T1S (s ation, as well a duplex multidro <i>L</i> 9	ee Clause 147) in full s 10BASE-T1S and p operation, and for # 251	SuggestedRe Change ' Proposed Re PROPOS (function the - (pre Change ' C/ 45	Field definitions" sponse SED ACCEPT IN is called D-PLC/ sumably for synt Field definitions" SC 45.2.1.214.2	for Bit 3 to: "Bit 3- DPLC. <i>Response Status</i> W PRINCIPLE. A in almost all places, not ax).) for Bit 3 to: "Bit 3- D-PLC P29	A" DPLCA. The m CA" <i>L</i> 35	# 209
Chang duplex 10BAS other F Cl 90 Brandt, Da Comment Clause Suggested	ge sentence to rea x and point-to-poir SE-T1M (Clause 1 PHY types in full o SC 90.1 avid Type E e 168 ONLY opera dRemedy	-TIS / 10BASE-T1M ad "The TSSI is defined for 1 nt half duplex modes of oper 147 and Clause 168) in half of duplex mode" P38 Rockwell Auto <i>Comment Status</i> D ates in half-duplex.	0BASE-T1S (s ation, as well a duplex multidro <i>L</i> 9 omation	ee Clause 147) in full s 10BASE-T1S and p operation, and for # 251 10BASE-T1S	SuggestedRe Change ' Proposed Re PROPOS (function the - (pre Change ' Cl 45 Zimmerman,	Field definitions" sponse SED ACCEPT IN is called D-PLC/ sumably for synt Field definitions" SC 45.2.1.214.2 George	for Bit 3 to: "Bit 3- DPLC Response Status W PRINCIPLE. A in almost all places, not ax).) for Bit 3 to: "Bit 3- D-PLC P29 CME Consult	A" DPLCA. The m CA" <i>L</i> 35	# 209 p, Cisco, Marvell, OnSem
Chang duplex 10BAS other F Cl 90 Brandt, Da Comment Clause Suggested Chang	ge sentence to rea x and point-to-poir SE-T1M (Clause 1 PHY types in full o SC 90.1 avid <i>Type</i> E e 168 ONLY opera dRemedy ge from "Clause 1	-T1S / 10BASE-T1M ad "The TSSI is defined for 1 nt half duplex modes of oper 147 and Clause 168) in half of duplex mode" P38 Rockwell Auto Comment Status D ates in half-duplex. 68 in half-duplex operations'	0BASE-T1S (s ation, as well a duplex multidro <i>L</i> 9 omation	ee Clause 147) in full s 10BASE-T1S and p operation, and for # 251 10BASE-T1S	SuggestedRe Change ' Proposed Re PROPOS (function the - (pre Change ' Cl 45 Zimmerman, Comment Ty	Field definitions" sponse SED ACCEPT IN is called D-PLCA sumably for synt Field definitions" SC 45.2.1.214.2 George pe E	for Bit 3 to: "Bit 3- DPLC, <i>Response Status</i> W PRINCIPLE. A in almost all places, not ax).) for Bit 3 to: "Bit 3- D-PLC 2 P29 CME Consult <i>Comment Status</i> D	A" DPLCA. The m CA" <i>L</i> 35 ting/ADI, APL G	# 209 sp, Cisco, Marvell, OnSem <i>Editorial</i>
Chang duplex 10BAS other F Cl 90 Brandt, Da Comment Clause Suggested Chang Proposed I	ge sentence to rea x and point-to-poir SE-T1M (Clause 1 PHY types in full o SC 90.1 avid Type E e 168 ONLY opera dRemedy	-TIS / 10BASE-T1M ad "The TSSI is defined for 1 ht half duplex modes of open 147 and Clause 168) in half of duplex mode" <i>P38</i> Rockwell Auto <i>Comment Status</i> D ates in half-duplex. 68 in half-duplex operations' <i>Response Status</i> W	0BASE-T1S (s ation, as well a duplex multidro <i>L</i> 9 omation	ee Clause 147) in full s 10BASE-T1S and p operation, and for # 251 10BASE-T1S	SuggestedRe Change ' Proposed Re PROPOS (function the - (pre Change ' Cl 45 Zimmerman, Comment Ty The new clunky, b	Field definitions" sponse BED ACCEPT IN is called D-PLCA sumably for synt 'Field definitions" SC 45.2.1.214.2 George be E text here is just a	for Bit 3 to: "Bit 3- DPLC, Response Status W PRINCIPLE. A in almost all places, not ax).) for Bit 3 to: "Bit 3- D-PLC P29 CME Consult Comment Status D a duplicate of the table. T	A" DPLCA. The m CA" <i>L</i> 35 ting/ADI, APL G	# 209 sp, Cisco, Marvell, OnSem <i>Editorial</i> bod, as the paragraph is
Chang duplex 10BAS other F C/ 90 Brandt, Da Comment Clause Suggested Chang Proposed I PROP	ge sentence to rea x and point-to-poin SE-T1M (Clause 1 PHY types in full of SC 90.1 avid <i>Type</i> E e 168 ONLY opera dRemedy ge from "Clause 1 Response POSED ACCEPT I	-T1S / 10BASE-T1M ad "The TSSI is defined for 1 nt half duplex modes of oper 147 and Clause 168) in half of duplex mode" P38 Rockwell Auto Comment Status D ates in half-duplex. 68 in half-duplex operations' Response Status W IN PRINCIPLE.	0BASE-T1S (s ation, as well a duplex multidro <i>L</i> 9 omation	ee Clause 147) in full s 10BASE-T1S and p operation, and for # 251 10BASE-T1S	SuggestedRe Change ' Proposed Re PROPOS (function the - (pre Change ' Cl 45 Zimmerman, Comment Ty The new clunky, b 47-178.	Field definitions" sponse SED ACCEPT IN is called D-PLCA sumably for synt Field definitions" SC 45.2.1.214.2 George be E text here is just a ut perhaps we ca	for Bit 3 to: "Bit 3- DPLC, Response Status W PRINCIPLE. A in almost all places, not ax).) for Bit 3 to: "Bit 3- D-PLC P29 CME Consult Comment Status D a duplicate of the table. T	A" DPLCA. The m CA" <i>L</i> 35 ting/ADI, APL G	# 209 sp, Cisco, Marvell, OnSem <i>Editorial</i> bod, as the paragraph is
Chang duplex 10BAS other F C/ 90 Brandt, Da Comment Clause Suggested Chang Proposed / PROP Consid	ge sentence to rea x and point-to-poir SE-T1M (Clause 1 PHY types in full o SC 90.1 avid <i>Type</i> E e 168 ONLY opera dRemedy ge from "Clause 10 <i>Response</i>	-T1S / 10BASE-T1M ad "The TSSI is defined for 1 nt half duplex modes of oper 147 and Clause 168) in half of duplex mode" P38 Rockwell Auto Comment Status D ates in half-duplex. 68 in half-duplex operations' Response Status W IN PRINCIPLE.	0BASE-T1S (s ation, as well a duplex multidro <i>L</i> 9 omation	ee Clause 147) in full s 10BASE-T1S and p operation, and for # 251 10BASE-T1S	SuggestedRe Change ' Proposed Re PROPOS (function the - (pre Change ' Cl 45 Zimmerman, Comment Ty, The new clunky, b 47-178. SuggestedRe Replace	Field definitions" sponse SED ACCEPT IN is called D-PLCA sumably for synt 'Field definitions" SC 45.2.1.214.2 George be E text here is just a ut perhaps we ca emedy "The mapping of	for Bit 3 to: "Bit 3- DPLC, <i>Response Status</i> W PRINCIPLE. A in almost all places, not ax).) for Bit 3 to: "Bit 3- D-PLC P29 CME Consult <i>Comment Status</i> D a duplicate of the table. T an do better. Suggest we bits is as follows:" (and	A" DPLCA. The m CA" <i>L</i> 35 ting/ADI, APL G The change is go do not duplicate	# 209 p, Cisco, Marvell, OnSem <i>Editorial</i> pod, as the paragraph is e the contents of Table
Chang duplex 10BAS other F C/ 90 Brandt, Da Comment Clause Suggested Chang Proposed / PROP Consid	ge sentence to rea x and point-to-poir SE-T1M (Clause 1 PHY types in full o SC 90.1 avid Type E e 168 ONLY opera dRemedy ge from "Clause 1 Response POSED ACCEPT I der with comment	-T1S / 10BASE-T1M ad "The TSSI is defined for 1 nt half duplex modes of oper 147 and Clause 168) in half of duplex mode" P38 Rockwell Auto Comment Status D ates in half-duplex. 68 in half-duplex operations' Response Status W IN PRINCIPLE.	0BASE-T1S (s ation, as well a duplex multidro <i>L</i> 9 omation	ee Clause 147) in full s 10BASE-T1S and p operation, and for # 251 10BASE-T1S	SuggestedRe Change ' Proposed Re PROPOS (function the - (pre Change ' Cl 45 Zimmerman, Comment Ty, The new clunky, b 47-178. SuggestedRe Replace in Table -	Field definitions" sponse SED ACCEPT IN is called D-PLC/ sumably for synt 'Field definitions" SC 45.2.1.214.2 George be E text here is just a ut perhaps we ca emedy "The mapping of 45-178 for the ma	for Bit 3 to: "Bit 3- DPLC. <i>Response Status</i> W PRINCIPLE. A in almost all places, not ax).) for Bit 3 to: "Bit 3- D-PLC <i>P29</i> CME Consult <i>Comment Status</i> D a duplicate of the table. T an do better. Suggest we bits is as follows:" (and apping of bits."	A" DPLCA. The m CA" <i>L</i> 35 ting/ADI, APL G The change is go do not duplicate	# 209 p, Cisco, Marvell, OnSem <i>Editoria</i> pod, as the paragraph is e the contents of Table

Topic Editorial

C/ 79 SC 79.3.9.2	2 P36	L 45	# 211		C/ 148	SC 148.4.4.6	6 P 42	L 4	# 265	
Zimmerman, George	CME Consult	ing/ADI, APL G	Sp, Cisco, Marve	ell, OnSem	Baggett, T	im	Microchip			
Comment Type T	Comment Status D			Editorial	Comment	Type E	Comment Status D		E	ditorial
	2.3 LAN" - what is the "local LA ion" as 79.3.9.1 says, but I'm s				Term '	"!dplca_en" shou	ribed by short phrases are uld be enclosed in parenth	esis.	ntheses. The	
SuggestedRemedy						•	entified in the PDF related	to this comment.		
	AN on line 45. Consider whe	ther the word "I	ocal" (is needeo	l on lines	Suggested		0.01440.01-1-0		·	<i>d</i> .
41 and 45					parent	00	p2_CL148_StateDiagrams	por and enclose n	lignlighted terms wi	.n
Proposed Response PROPOSED ACCEP	Response Status W									
Editor's comment - T						hange applies to 8-3 P42):			
C/ 90 SC 90.1	P38	L 7	# 163		Fig 14	8-4 P43				
					Fig 14	8-8 P50				
Maguire, Valerie		; aff'l w/ CME C	consulting		In gen	eral, if the transi	tion contained only a singl	e boolean term su	ich as "!variable" or	
Comment Type E	Comment Status D			Editorial			then left it alone and unhig	hlighted as this se	emed to be consist	ent
	s 282 times in 802.3-2022 and	nall-ouplex a	ppears 37 times	ò.		ore readable.				
SuggestedRemedy		h a lf alson has all as d	the When Martha and a set		Proposed	•	Response Status W			
Grant Editor's license	e to replace all occurances of " a search include: P38 - L8, P3	half-duplex" wit	th "half duplex". 24. P56 - I 10 (2	>		OSED REJECT the commenter	is correct that this is the g	uidance in clause	1.2. the style in mos	st of
locations)			, (-	-			not follow this. This goes			
Proposed Response	Response Status W				7, 46-1	11, 48-8, 55-15,	97-12, etc			
PROPOSED ACCEP	т.				C/ 148	SC 148.4.4.6	6 P 42	L 26	# 166	
					Jones, Cha	ad	Cisco Sys	ems, Inc.		
					Comment	Туре Е	Comment Status D		E	ditorial
					on pag head. We co to be A	ge 43 they do no Therefore, they ould decide to ren	re not consistent. On page t. Looking at Clause 145, need added to Figure 148 move the arrows, but that d to give instructions to rea	he convention sho 4 part b in 4 place means all my follo	ould be to have the es w on comments wil	arrow
					Suggested	IRemedy				
							lines going to the off page to 22 ("B"); line 29 ("D"); lir		blaces:	
					Proposed	Response	Response Status W			
							-			
					This is		ndard. Convention is arro 0GBASE-R) or similar opt			ıp).

Topic Editorial

C/ 148	SC 148	.4.7.1	P 47	L 8	# 264	C/ 168	SC 168	3.4.3.7	P 70	L 6	# 169
Baggett, T	im		Microchip			Jones, Cha	ad		Cisco Systems	, Inc.	
Comment	Туре Е	С	omment Status D		Editorial	Comment	Туре Е		Comment Status D		Editoria
			aph should probably refe		blural.	off pag	ge connect	ors, circ	cles and pentagons pointing t	he wrong way	1
Suggested Chang To: "D Or: "D Proposed PROP (first o Chang	IRemedy -PLCA ena -PLCA ena Response OSED ACC ption, but c ue: "D-PLC/	A enables r bles nodes bles a nod Re CEPT IN P orrecting p A enables r	elect a unique node ID node to select a unique node to select a unique node to select a unique nod esponse Status W RINCIPLE. lural construction) node to select a unique node	node ID" e ID" e ID" node ID"		D (line part b: pentag Proposed / PROP Conve (40GB C/ 168 Brandt, Da	off page cc 17) and A A (line 1) gon pointing <i>Response</i> OSED RE, otion is arr ASE-R) or <i>SC</i> 168	(line 48 and D (g out JECT. rowhead	ors in Fig 168-7, part a (pg 70 8) are pointing out line 26) pentagon pointing in, <i>Response Status</i> W d into inverted pentagon. (poi optical "Pete Anslow" clause <i>P</i> 77 Rockwell Autor	B (line 22), B nt up). See, e s <i>L</i> 32	8 (line 35), B (line 44)
C/ 168 Iones, Cha			P 65 Cisco System	L 4 s, Inc.	# 168	Figure	168-13 m 168-17.		Comment Status D nent should be confirmed at I	both TC1 and	Editoria TC2. See NOTE in
differe	f page conr nt?	nector is a	omment Status D circle. Should be a penta page "point" the wrong v	0	Editorial circle mean something	with lo	ote similar ad for testi	ing at T	,	shown, Balun	connections interchange
	he same w			way. The lip of l	ne pentagon should	Proposed PROP	Response OSED AC		Response Status W		
Suggested	lRemedy							-			
C (line part b out Proposed PROP Conve	22) and A (pg 66): A <i>Response</i> OSED RE.	(line 51) an line 1) and <i>Re</i> IECT. pwhead int	n Fig 168-5, part a (pg 6 re pointing out I C (line 9) pentagon poi esponse Status W o inverted pentagon. (po ical "Pete Anslow" claus	nting in, B (line bint up). See, e	34) pentagon pointing	Suggested Delete Proposed	Type E ed for TBD IRemedy TBD from	in Valu Value/	CME Consultin Comment Status D ue/Comment since the section		# 2 <u>44</u> ip, Cisco, Marvell, OnSerr <i>Editoria</i> d.

C/ 169 SC 169.1	P 96	L 9	# 175	C/ 169	SC 169.	1.2	P 96	L 43	i	# 177
ones, Chad	Cisco System	ns, Inc.		Jones, Cha	d		Cisco S	systems, Inc.		
Comment Type E	Comment Status D		Editorial	Comment	Туре Е		Comment Status)		Editoria
				We've	added MPI	and	the first appearance is	in Fig 169-1 but	we don't defi	ne it.
				00	-					
SuggestedRemedy								t paragraph of 16	69.1.2: The po	ower is applied
				,	'			N		
Proposed Response	Response Status W							170 is accepted	۰ ۱	
PROPOSED ACCE	Chad Cisco Systems, Inc. Int Type E Comment Status D Editorial Obits intended to provide a single pair Ethernet Physical Layer devices with an interface to the power and data.* Jones, Chad Cisco Systems, Inc. Cisco Systems, Inc. Model Status We ve added MPI and the first appearance is in Fig 169-1 but we don't define it. Suggested/Remedy We ve added MPI and the first appearance is in Fig 169-1 but we don't define it. We spanse Response Status W POSED ACCEPT IN PRINCIPLE. Notes of MULTIDROP in suggested remedy) Ad a new second-to last-sentence in the first paragraph of 169.1.2: The power is applied to the Multidrop Power Interface (MPI). MPOE is intended to provide a single pair Ethernet Physical Layer device with an interface to both the power and data.* W MPOE provides a multidrop single pair Ethernet Physical Layer device with an interface to both the power and data.* In ew definition is added by comment 178 is accepted). Add a new second-to last-sentence in the first paragraph of 169.1.2: The power is applied to the Multidrop Power Interface (MPI)* Ind a Cisco Systems, Inc. In ew definition is added by comment 178 is accepted). Add a new second-to last-sentence in the first paragraph of 169.1.2: The power is applied to the Multidrop Power Interface (MPI)* If new definition is added to provide a single pair Ethernet Physical Lay									
(remove statement	of intent, and also fix case of MI	ULTIDROP in su	uggested remedy)		new second		ast-sentence in the firs	paragraph of 16	69.1.2: The po	ower is applied
Change "MPoF is i	ntended to provide a single pair	Ethernet Physic	al Laver device with an	to the N	Multidrop P	ower				
		Ethernet Physic	al Layer device with an		•		Interface (MPI)"	so add "(See 1.4	.405b)"	
interface to both the	e power and data."			If new o	definition is	adde	Interface (MPI)" ed by comment 178, al	`	,	# 229
interface to both the to "MPoE provides	e power and data." a multidrop single pair Ethernet			If new (C/ 169	definition is	adde	Interface (MPI)" ed by comment 178, al P 97	L19	;	
interface to both the to "MPoE provides to both the power a	e power and data." a multidrop single pair Ethernet nd data."	Physical Layer of	device with an interface	If new of C/ 169 Zimmerma	definition is SC 169. n, George	adde	Interface (MPI)" ed by comment 178, al <i>P</i> 97 CME C	L19 onsulting/ADI, A	;	, Marvell, OnSem
interface to both the to "MPoE provides to both the power a	a multidrop single pair Ethernet nd data." .2 P96	Physical Layer o	device with an interface	If new of Cl 169 Zimmerman Comment T	definition is SC 169. n, George <i>Type</i> T	adde 1.2	Interface (MPI)" ed by comment 178, al P 97 CME C <i>Comment Status</i>	L19 onsulting/ADI, A	;	, Marvell, OnSem
interface to both the to "MPoE provides to both the power a C/ 169 SC 169.1 lones, Chad	Lisco Systems, Inc. Comment Status D Editorial Comment Status D Editorial ed to provide a single pair Ethemet Physical Layer devices with an interface for the power and data.* Dense Status W Comment Status D Editorial Is entence: MPoE is intended to provide a MULTIDROP single pair Ethemet Physical Layer device with an interface to both the power and data.* No exposed Response Response Status W No Eclement Trab size comment Status D Editorial CET TIN PRINCIPLE: (add a new second-to last-sentence in the first apragraph of 169.1.2: The power is applied to the Multiforp Power Interface (MPI).* It he power and data.* No exposed Response Response Status W Score Systems, Inc. (add a new second-to last-sentence in the first apragraph of 169.1.2: The power is applied to the Multiforp Power Interface (MPI).* If new definition is added by comment 178, also add "(See 14.405b)" If new definition is added by comment 178, also add "(See 14.405b)" C/ 169 SC 169.1.2 P97 L19 290 In add tasers.* - do we need multidrop in this sentence? Editorial If new definition is added by comment 178, also add "(See 14.405b)" Status D Editorial If new definition is added by comment 178, also add "(See 14.405b)" If new definition is added by comment 178, also add "(See 14.405b)" Statu pers.* -									
interface to both the to "MPoE provides to both the power a C/ 169 SC 169.1 lones, Chad Comment Type E "MPoE is an option	a multidrop single pair Ethernet nd data." .2 P96 Cisco System <i>Comment Status</i> D al power entity to be used in con	Physical Layer of <i>L</i> 41 ns, Inc. njunction with su	device with an interface # <u>176</u> <i>Editorial</i> pported single pair	If new of Cl 169 Zimmerman Comment T The Ec Suggested Delete	definition is SC 169. n, George Type T litor's note Remedy editor's not	adde 1.2 shoul	Interface (MPI)" ed by comment 178, al P97 CME C <i>Comment Status</i> I id be represented in th P97 L18-22, add a note	L19 onsulting/ADI, A D e figure. e similar to that c	PL Gp, Cisco	, Marvell, OnSen Editoria
interface to both the to "MPoE provides to both the power a C/ 169 SC 169.1 lones, Chad Comment Type E "MPoE is an option	a multidrop single pair Ethernet nd data." .2 P96 Cisco System <i>Comment Status</i> D al power entity to be used in con	Physical Layer of <i>L</i> 41 ns, Inc. njunction with su	device with an interface # <u>176</u> <i>Editorial</i> pported single pair	If new of Cl 169 Zimmerman Comment T The Ec Suggested Delete 1, "NO	definition is SC 169. n, George Type T litor's note Remedy editor's not TE - The M	adde 1.2 shoul re at I PI ma	Interface (MPI)" ed by comment 178, al P97 CME C <i>Comment Status</i> I Id be represented in th P97 L18-22, add a not ay not be exposed. If in	L19 onsulting/ADI, A o e figure. e similar to that c	PL Gp, Cisco on Figure 169	, Marvell, OnSen Editoria
interface to both the to "MPoE provides to both the power a C/ 169 SC 169.1 lones, Chad Comment Type E "MPoE is an option Ethernet Physical L SuggestedRemedy	a multidrop single pair Ethernet nd data." .2 P96 Cisco System <i>Comment Status</i> D al power entity to be used in con .ayers." - do we need multidrop i	Physical Layer of <i>L</i> 41 ns, Inc. njunction with su	device with an interface # <u>176</u> <i>Editorial</i> pported single pair	If new of CI 169 Zimmerman Comment T The Ec Suggested Delete 1, "NO is not e	definition is SC 169. n, George Type T litor's note Remedy editor's not TE - The M exposed, lin	adde 1.2 shoul re at I PI ma	Interface (MPI)" ed by comment 178, all P97 CME C <i>Comment Status</i> I Id be represented in th P97 L18-22, add a not ay not be exposed. If it re calculated from valu	L19 onsulting/ADI, A o e figure. e similar to that c ues at TC1 and T	PL Gp, Cisco on Figure 169	, Marvell, OnSen Editoria
interface to both the to "MPoE provides to both the power a C/ 169 SC 169.1 lones, Chad Comment Type E "MPoE is an option Ethernet Physical L SuggestedRemedy add multidrop to se	e power and data." a multidrop single pair Ethernet nd data." .2 P96 Cisco System <i>Comment Status</i> D al power entity to be used in con .ayers." - do we need multidrop i ntence: MPoE is an optional pow	Physical Layer of <i>L</i> 41 ns, Inc. njunction with su in this sentence?	device with an interface # <u>176</u> <i>Editorial</i> pported single pair	If new of Cl 169 Zimmerman Comment T The Ec Suggested Delete 1, "NO is not e Proposed F	definition is SC 169. n, George Type T ditor's note Remedy editor's not TE - The M exposed, lin Response	adde 1.2 shoul re at I PI ma nits a	Interface (MPI)" ed by comment 178, al P97 CME C <i>Comment Status</i> I Id be represented in th P97 L18-22, add a not ay not be exposed. If it re calculated from valu <i>Response Status</i>	L19 onsulting/ADI, A o e figure. e similar to that c ues at TC1 and T	PL Gp, Cisco on Figure 169	, Marvell, OnSen Editoria
interface to both the to "MPoE provides to both the power a C/ 169 SC 169.1 ones, Chad Comment Type E "MPoE is an option Ethernet Physical L SuggestedRemedy add multidrop to se supported MULTID	a multidrop single pair Ethernet nd data." .2 P96 Cisco System <i>Comment Status</i> D al power entity to be used in con .ayers." - do we need multidrop i ntence: MPoE is an optional pow ROP single pair Ethernet Physic	Physical Layer of <i>L</i> 41 ns, Inc. njunction with su in this sentence?	device with an interface # <u>176</u> <i>Editorial</i> pported single pair	If new of Cl 169 Zimmerman Comment T The Ec Suggested Delete 1, "NO is not e Proposed F PROPO	definition is SC 169. n, George Type T ditor's note editor's not TE - The M exposed, lin Response OSED ACC	adde 1.2 shoul re at f PI ma nits a	Interface (MPI)" ed by comment 178, al P97 CME C <i>Comment Status</i> I Id be represented in th P97 L18-22, add a not ay not be exposed. If it re calculated from valu <i>Response Status</i>	L19 onsulting/ADI, A o e figure. e similar to that c ues at TC1 and T	PL Gp, Cisco on Figure 169	, Marvell, OnSen Editoria
interface to both the to "MPoE provides to both the power a C/ 169 SC 169.1 Jones, Chad Comment Type E "MPoE is an option Ethernet Physical L SuggestedRemedy add multidrop to se supported MULTID Proposed Response	a multidrop single pair Ethernet nd data." .2 P96 Cisco System <i>Comment Status</i> D al power entity to be used in con ayers." - do we need multidrop i ntence: MPoE is an optional pow ROP single pair Ethernet Physic <i>Response Status</i> W	Physical Layer of <i>L</i> 41 ns, Inc. njunction with su in this sentence?	device with an interface # <u>176</u> <i>Editorial</i> pported single pair	If new of Cl 169 Zimmerman Comment T The Ec Suggested Delete 1, "NO is not e Proposed F PROPO (improv Delete	definition is SC 169. n, George Type T litor's note : Remedy editor's not TE - The M exposed, lin Response OSED ACC ved languag editor's not	adde 1.2 shoul re at I PI ma nits a EPT ge) re at I	Interface (MPI)" ed by comment 178, al P97 CME C Comment Status I Id be represented in th P97 L18-22, add a not ay not be exposed. If it re calculated from valu Response Status I IN PRINCIPLE. P97 L18-22, add a not	L19 onsulting/ADI, A of gure. e similar to that c ues at TC1 and T N e similar to that c	PL Gp, Cisco on Figure 169 C2."	, Marvell, OnSen <i>Editoria</i> -2 to Figure 169- -2 to Figure 169-

C/ 169 SC 169	.3	P 98	L 4	# 195	C/ 169	SC 169.4.8	P106	L 51	# 186
Jones, Chad		Cisco System	s, Inc.		Jones, Ch	ad	Cisco Sys	tems, Inc.	
Comment Type T	Comment	Status D		Editorial	Comment	Туре Е	Comment Status D		Editorial
	ansition between T				P{MP\$	SE_16U} is awfull	ly specific. Do we need to	be that specific?	Can it just be P{MPSE}?
	expand votlage or		ricizing this pre	pares the text for added	Editorial or reason to res the text for added Jones, Chad Cisco Systems, Inc. IDLE* Comment Type E Comment Status D Editorial IDLE* P(MPSE_16U) is awfully specific. Do we need to be that specific? Can it just be P(MPSE)? SuggestedRemedy Change P(MPSE_16U) to P(MPSE). Also on pg 107, line 9 and line 30. further, editors given license to fix any other occurrences (search finds one more on page 98, line 30) Proposed Response Response Status W PROPOSED ACCEPT. C/ 169 SC 169.5.3.2 P 109 L 37 # 233 Zimmerman, George CME Consulting/ADI, APL Gp, Cisco, Marvell, OnSem Comment Type T Comment Status D Editorial V_Discovery (in alphabetic order) to 169.5.3.2 with definition "Mark discovery threshold voltage (see Table 169-7)" Proposed Response Response Status W V_Discovery (in alphabetic order) to 169.5.3.2 with definition "Mark discovery threshold voltage (see Table 169-7)" Proposed Response Response Status W Yeroposed Response Response Status W PROPOSED ACCEPT. C/ 169 SC 169.5.3.3 P 110 L 51 # 241 MP D Truit, or other fault? SuggestedRemedy Change MPD TC to MPD MPI. Comment Status D<				
SuggestedRemedy									
	E may transition be y transition betwee			ng IDLE"	Proposed	Response	Response Status W		
Proposed Response	Response	Status W			PROP	OSED ACCEPT.			
PROPOSED ACC	EPT.				C/ 169	SC 169.5.3.2	P 109	L 37	# 233
C/ 169 SC 169	.4.4.5	P103	L 52	# 181	Zimmerma	an, George	CME Con	sulting/ADI, APL (Gp, Cisco, Marvell, OnSem
Jones, Chad		Cisco System			Comment	Туре Т	Comment Status D		Editorial
Comment Type E	Comment		- , -	Editorial	V_Dis	covery_th is miss	sing from the constants		
More off page tra	nsitions without arro	owhead on the o	connecting line	6.	Suggested	Remedy			
SuggestedRemedy								3.2 with definition	"Mark discovery threshold
add arrowhead in 43), D (line 52)	5 places: Pg 103 A	A (line 52) and C	; (line 52); page	e 104 A (line 41), D (line	Proposed	Response	Response Status W		
Proposed Response	Response	Status W			PROP	OSED ACCEPT.			
PROPOSED ACC	EPT IN PRINCIPL				C/ 169	SC 169.5.3.3	P110	L51	# 241
			circles, pentag	ons are inverted (point			-	-	
177	go into the pentago	ons points						oo	•
C/ 169 SC 169	.4.5	P105	L14	# 182		51	D MPI.		
Jones, Chad		Cisco System	s, Inc.		Sugaested	dRemedv			
Comment Type E	Comment				00		PD MPI.		
				t circuit, or other fault? TPS). Add that here too.					
SuggestedRemedy					PROP	OSED ACCEPT.			
removes power if	onally, while voltag it detects an overlo he absence of MPS	ad (see 169.4.9	9), short-circuit						
Proposed Response	Response	Status W							
PROPOSED ACC (align with TPS/M	CEPT IN PRINCIPL PS comment)	E.							

C/ 169 SC 169.5.	.3.6 <i>P</i> 113	L 51	# 191	C/ 168	SC 168.8.2	P83	L 3	# 223
Jones, Chad	Cisco Syster	ms, Inc.		Zimmerma	n, George	CME Cons	ulting/ADI, APL G	Sp, Cisco, Marvell, OnSei
Comment Type E More off page trans	Comment Status D itions without arrowhead on the	e connecting lines	Editorial	Comment 147.7.	51	Comment Status D arting point - delete note		Editors No
	6 places: part a page 113, C (li (line 47), B (line 52); (line 38)	ne 51), A and B li	ne 53;	Suggested Delete Proposed	editor's note at	P83 L2-6 Response Status W		
Proposed Response	Response Status W			PROP	OSED ACCEPT	•		
PROPOSED ACCE	1			C/ 168	SC 168.8.2	P83	L 3	# 172
C/ 169 SC 169.5.	.5.3 <i>P</i> 118	L24	# 194	Jones, Cha	ad	Cisco Syst	ems, Inc.	
Jones, Chad	Cisco Syster			Comment	Туре Е	Comment Status D		Editors No
Comment Type E	Comment Status D		Editorial			ete this editors note last cy		
51	ed MPS to TPS (likely an atten	npt to prevent cor	nfusing MPS and	-		has served it's purpose and	d is no longer nee	ded. Delete
	d either term but we need to pic			Suggested Delete		on pg 83, line 3		
				Proposed				
SuggestedRemedy Fither search docur	ment for MPS and replace with	TPS with editoria	al license to adjust any	•	OSED ACCEPT	Response Status W		
	eplace "maintain" with "transmi							
OR	h maintain and TPS with MPS	in this section wi	th aditorial license to	CI 30	SC 30.16.1.1	.14 P26	L 33	# 208
OR replace transmit wit	h maintain and TPS with MPS currences of TPS outside of 16			C/ 30 Zimmerma				
OR replace transmit wit adjust any other occ found in 169.5.5.3)				Zimmerma Comment	n, George <i>Type</i> T	CME Cons Comment Status D	ulting/ADI, APL G	Sp, Cisco, Marvell, OnSei Editors Note
OR replace transmit wit adjust any other occ found in 169.5.5.3) Proposed Response	currences of TPS outside of 16 Response Status W			Zimmerma Comment	n, George <i>Type</i> T	CME Cons	ulting/ADI, APL G	Sp, Cisco, Marvell, OnSei Editors Note
OR replace transmit wit adjust any other occ found in 169.5.5.3) Proposed Response PROPOSED ACCE	currences of TPS outside of 16 Response Status W PT IN PRINCIPLE.			Zimmerma Comment Editor' Suggested	n, George <i>Type</i> T s note has serve <i>Remedy</i>	CME Cons Comment Status D	ulting/ADI, APL G	Sp, Cisco, Marvell, OnSei Editors Note
OR replace transmit wit adjust any other occ found in 169.5.5.3) Proposed Response PROPOSED ACCE (we did agree to go search document for	currences of TPS outside of 16 <i>Response Status</i> W PT IN PRINCIPLE. with TPS) or MPS and replace with TPS, w	9.5.5.3. (search i vith editorial licen	mplies TPS is only	Zimmerma Comment Editor' Suggested	n, George <i>Type</i> T s note has serve	CME Cons Comment Status D	ulting/ADI, APL G	Sp, Cisco, Marvell, OnSei Editors Note
OR replace transmit wit adjust any other occ found in 169.5.5.3) Proposed Response PROPOSED ACCE (we did agree to go search document for	currences of TPS outside of 16 <i>Response Status</i> W PT IN PRINCIPLE. with TPS)	9.5.5.3. (search i vith editorial licen	mplies TPS is only	Zimmerma Comment Editor' Suggested delete Proposed	n, George <i>Type</i> T s note has serve <i>IRemedy</i> editors note <i>Response</i>	CME Cons Comment Status D ed its purpose of evaluation Response Status W	ulting/ADI, APL G	Sp, Cisco, Marvell, OnSei Editors Note
OR replace transmit wit adjust any other occ found in 169.5.5.3) Proposed Response PROPOSED ACCE (we did agree to go search document fo around (i.e. to repla	currences of TPS outside of 16 <i>Response Status</i> W PT IN PRINCIPLE. with TPS) or MPS and replace with TPS, v ce "maintain" with "transmit" as	9.5.5.3. (search i vith editorial licen	mplies TPS is only	Zimmerma Comment Editor' Suggested delete Proposed	n, George <i>Type</i> T s note has serve <i>Remedy</i> editors note	CME Cons Comment Status D ed its purpose of evaluation Response Status W	ulting/ADI, APL G	Sp, Cisco, Marvell, OnSei Editors Note
OR replace transmit wit adjust any other occ found in 169.5.5.3) Proposed Response PROPOSED ACCE (we did agree to go search document fo around (i.e. to repla	Currences of TPS outside of 16 Response Status W PT IN PRINCIPLE. with TPS) or MPS and replace with TPS, w ce "maintain" with "transmit" as P81	9.5.5.3. (search i with editorial licen s needed) <i>L</i> 28	mplies TPS is only se to adjust any text	Zimmerma Comment Editor' Suggested delete Proposed	n, George <i>Type</i> T s note has serve <i>IRemedy</i> editors note <i>Response</i>	CME Cons Comment Status D ed its purpose of evaluation Response Status W	ulting/ADI, APL G	Sp, Cisco, Marvell, OnSei Editors Note
OR replace transmit wit adjust any other occ found in 169.5.5.3) Proposed Response PROPOSED ACCE (we did agree to go search document for around (i.e. to repla C/ 168 SC 168.8 Zimmerman, George Comment Type E	currences of TPS outside of 16 Response Status W PT IN PRINCIPLE. with TPS) or MPS and replace with TPS, v ce "maintain" with "transmit" as P81 CME Consul Comment Status D	9.5.5.3. (search i with editorial licen s needed) <i>L</i> 28 Iting/ADI, APL Gp	mplies TPS is only se to adjust any text # 219	Zimmerma Comment Editor' Suggested delete Proposed PROP	n, George <i>Type</i> T s note has serve <i>Remedy</i> editors note <i>Response</i> OSED ACCEPT SC 168	CME Cons Comment Status D ed its purpose of evaluation Response Status W	ulting/ADI, APL G n by several cycles	Sp, Cisco, Marvell, OnSei Editors Note s.
OR replace transmit wit adjust any other occ found in 169.5.5.3) Proposed Response PROPOSED ACCE (we did agree to go search document for around (i.e. to repla C/ 168 SC 168.8 Zimmerman, George Comment Type E	Currences of TPS outside of 16 Response Status W PT IN PRINCIPLE. with TPS) or MPS and replace with TPS, w ce "maintain" with "transmit" as P81 CME Consul	9.5.5.3. (search i with editorial licen s needed) <i>L</i> 28 Iting/ADI, APL Gp	mplies TPS is only se to adjust any text # 219 o, Cisco, Marvell, OnSem	Zimmerma Comment Editor ¹ Suggested delete Proposed PROP C/ 168	n, George <i>Type</i> T s note has serve <i>Remedy</i> editors note <i>Response</i> OSED ACCEPT SC 168 n, George	CME Cons Comment Status D ed its purpose of evaluation Response Status W	ulting/ADI, APL G n by several cycles	Sp, Cisco, Marvell, OnSei Editors Note s. # 214
OR replace transmit wit adjust any other occ found in 169.5.5.3) Proposed Response PROPOSED ACCE (we did agree to go search document for around (i.e. to repla C/ 168 SC 168.8 Zimmerman, George Comment Type E Editor's note has be	currences of TPS outside of 16 Response Status W PT IN PRINCIPLE. with TPS) or MPS and replace with TPS, v ce "maintain" with "transmit" as P81 CME Consul Comment Status D	9.5.5.3. (search i with editorial licen s needed) <i>L</i> 28 Iting/ADI, APL Gp	mplies TPS is only se to adjust any text # 219 o, Cisco, Marvell, OnSem	Zimmerma Comment Editor' Suggested delete Proposed PROP Cl 168 Zimmerma Comment	n, George <i>Type</i> T s note has serve <i>Remedy</i> editors note <i>Response</i> OSED ACCEPT SC 168 n, George <i>Type</i> E	CME Cons <i>Comment Status</i> D ed its purpose of evaluation <i>Response Status</i> W <i>P</i> 54 CME Cons	LT ulting/ADI, APL G by several cycles <i>L</i> 7 ulting/ADI, APL G	Sp, Cisco, Marvell, OnSer Editors Note s. # 214 Sp, Cisco, Marvell, OnSer Editors Note
OR replace transmit wit adjust any other occ found in 169.5.5.3) Proposed Response PROPOSED ACCE (we did agree to go search document for around (i.e. to repla C/ 168 SC 168.8 Zimmerman, George Comment Type E Editor's note has be SuggestedRemedy	currences of TPS outside of 16 Response Status W PT IN PRINCIPLE. with TPS) or MPS and replace with TPS, v ce "maintain" with "transmit" as P81 CME Consul Comment Status D	9.5.5.3. (search i with editorial licen s needed) <i>L</i> 28 Iting/ADI, APL Gp r needed.	mplies TPS is only se to adjust any text # 219 o, Cisco, Marvell, OnSem	Zimmerma Comment Editor' Suggested delete Proposed PROP Cl 168 Zimmerma Comment	n, George <i>Type</i> T s note has serve <i>Remedy</i> editors note <i>Response</i> OSED ACCEPT SC 168 n, George <i>Type</i> E aving reviewed t	CME Cons Comment Status D ed its purpose of evaluation Response Status W P54 CME Cons Comment Status D	LT ulting/ADI, APL G by several cycles <i>L</i> 7 ulting/ADI, APL G	Sp, Cisco, Marvell, OnSe Editors Note s. # 214 Sp, Cisco, Marvell, OnSe Editors Note
OR replace transmit wit adjust any other occ found in 169.5.5.3) Proposed Response PROPOSED ACCE (we did agree to go search document for around (i.e. to repla C/ 168 SC 168.8 Zimmerman, George Comment Type E Editor's note has be SuggestedRemedy	currences of TPS outside of 16 Response Status W PT IN PRINCIPLE. with TPS) or MPS and replace with TPS, w ce "maintain" with "transmit" as P81 CME Consul Comment Status D een answered by text, no longed	9.5.5.3. (search i with editorial licen s needed) <i>L</i> 28 Iting/ADI, APL Gp r needed.	mplies TPS is only se to adjust any text # 219 o, Cisco, Marvell, OnSem	Zimmerma Comment Editor ⁱ Suggested delete Proposed PROP Cl 168 Zimmerma Comment After h Suggested	n, George <i>Type</i> T s note has serve <i>Remedy</i> editors note <i>Response</i> OSED ACCEPT SC 168 n, George <i>Type</i> E aving reviewed t	CME Cons <i>Comment Status</i> D ed its purpose of evaluation <i>Response Status</i> W <i>P</i> 54 CME Cons <i>Comment Status</i> D the draft, Delete item 3 in e	LT ulting/ADI, APL G by several cycles <i>L</i> 7 ulting/ADI, APL G	Sp, Cisco, Marvell, OnSe Editors Note s. # 214 Sp, Cisco, Marvell, OnSe Editors Note

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

Topic Editors Notes

C/ 168 SC 168.2	P 56	L 3	# 165	C/ 169 SC 169.1.2	P 96	L 35	# 227
Maguire, Valerie	Copperopolis;	aff'l w/ CME C	onsulting	Zimmerman, George	CME Consul	ting/ADI, APL Gp	o, Cisco, Marvell, OnSer
Comment Type E A short description of t	Comment Status D he operation of 10BASE-T1N	is provided.	Editors Notes	Comment Type E Editor's note has bee	Comment Status D n answered by text, no longer	needed.	Editors Note
SuggestedRemedy Delete Editor's note on	line 3-7.			SuggestedRemedy Delte editor's note at	169.1.2 (P96 L35-39)		
Proposed Response PROPOSED ACCEPT	Response Status W			Proposed Response PROPOSED ACCEF	Response Status W T.		
C/ 168 SC 168.2	P 56	L 3	# 215	C/ 168 SC 168.8.1	P 82	L 33	# 270
Zimmerman, George	CME Consulti	ng/ADI, APL G	o, Cisco, Marvell, OnSem	Schreiner, Stephan	Rosenberge	r Hochfrequenzte	chnik
Comment Type E	Comment Status D		Editors Notes	Comment Type E	Comment Status D		Loading
	ed with text and is no longer i	needed		Text uses the word "or same type of load.	lummy load". However, 168.9	.1 introduces the	word PMA load for the
SuggestedRemedy	400.0			SuggestedRemedy			
Delete Editor's note at					d" by PMA load within docum	ent	
Proposed Response PROPOSED ACCEPT	Response Status W			Proposed Response	Response Status W		
C/ 168 SC 168.5	P 73	L35	# 217	PROPOSED ACCEP Loading is not just th	e PMA, but the DTE as a who	le. Suggest glob	al replacement of
Zimmerman, George	CME Consulti	ng/ADI, APL G	o, Cisco, Marvell, OnSem	"dummy load" and "F	MA load" with "Simulated DT	E load"	
Comment Type E Note has served its pu	Comment Status D rpose for several cycles		Editors Notes				
SuggestedRemedy Delete editor's note at	168.5 below Figure 168-10.						
Proposed Response PROPOSED ACCEPT	Response Status W						
C/ 168 SC 168.5	P 73	L 35	# 170				
Jones, Chad	Cisco System	s, Inc.					
5	Comment Status D te this editors note last cycle has served it's purpose and is	?	Editors Notes				
SuggestedRemedy Delete the editors note		J. J					
Proposed Response PROPOSED ACCEPT	Response Status W						

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

Topic Loading

-					-				
C/ 168	SC 168.4.4	P 36	L 36	# 216	C/ 168	SC 168.6.2	P 76	L 9	# 218
Zimmerm	an, George	CME Consul	ing/ADI, APL G	o, Cisco, Marvell, OnSem	Zimmerma	in, George	CME C	onsulting/ADI, APL G	Sp, Cisco, Marvell, OnSem
Comment	Туре Т	Comment Status D		Management	Comment	Туре Е	Comment Status	D	Management
Regis	ter 45.2.3.1.2 doe	esn't reference clause 168 o	even clause 14	7. This needs fixing.				10BASET1M/S test	mode register, and the
Suggeste	dRemedy				locatio	n should be 45.2	2.1.236		
Add 4	5.2.3.1.2 to the d	Iraft, with an instruction to ch	ange as follows	: (indicates	Suggested	lRemedy			
	line start or stop)		0						to "10BASE-T1M/S test
		SE-T1M/S, 100BASE-7 f operation is selected for th		ASE-T, or the	mode	control", and cha	ange 45.2.1.186f.1 to a	n active xref to 45.2.7	1.236
		be selection field (3.7.3:0), th		placed in a loopback	Make	same changes i	n PICS PMAE2 (168.12	2.4.5.2, P92 L9)	
	of operation				Proposed	Response	Response Status	w	
		o a one. When bit 3.0.14 is s	et to a one, the	10BASE-T1M/S,	PROP	OSED ACCEPT	IN PRINCIPLE.		
		OGBASE-R, or any PCS et shall accept data on the tr	ansmit path and	I return it on the receive	-		n, but align with other	comment on 10BASE	-T1M/S, if they are
	The speed				accept	ted.			
		cted by the PCS control 1 (re			Delete	TBDs (2 places), change "10BASE-T1	M test mode control"	to "10BASE-T1M /
 147.3		avior of the 10BASE-T1S PC	S during loopba	ck is specified in					active xref to 45.2.1.236
		of the 10BASE-T1M PCS du	ing loopback is	specified in					
	.4. 				Make	same changes i	n PICS PMAE2 (168.12	2.4.5.2, P92 L9)	
	00BASE-T1 PCS BASE-R	during loopback is specified	in 96.3.5. The s	pecific behavior of the	C/ 169	SC 169.3	P 98	L 26	# 198
		s specified in 49.2. The spec	ific behavior for	the 10GBASE-T PCS	Jones, Ch	ad	Cisco S	Systems, Inc.	
	g loopback is				Comment	Tvpe T	Comment Status	D	Power - General
	fied in 55.3.7.3. T g loopback is	he specific behavior for the	25GBASE-T and	I 40GBASE-T PCS			ed presentation.	_	
		The specific behavior for the	2.5GBASE-T o	r 5GBASE-T PCS during			for both types, several	items in this table ch	lange.
loopb	ack is	·		C	Suggested	Remedy			
		For all other port types, the l	PCS loopback fu	inctionality is not	for 26	/ min PSEs, VM	IPDmin is 14V, PMPSE	(min) is 14W, new ite	em PMPSE(max) is
	able and writes to	b and reads from this bit shal	l return a value (of zero."	24.8W		·		, , , , , , , , , , , , , , , , , , ,
	Response	Response Status W			for 45\ 43.8W		IPDmin is 33V, PMPSE	(min) is 33W, new ite	em PMPSE(max) is
	POSED ACCEPT	,					-		
-	's comment - TF	-			Proposed	•	Response Status	W	
		CHECK PREVIOUS MEETI	NGS ACCEPTE	D STUFF			⁻ IN PRINCIPLE. IPDmin is 14V, PMPSE	(min) is 14W now its	om DMDSE(max) is
					24.8W			(mm) is 14w, new ne	SIT FIVIFOE (THAX) IS
							IPDmin is 33V, PMPSE	(min) is 33W, new ite	em PMPSE(max) is
					43.8W				
					DFFF		HECK NUMBERS		

C/ 169 SC 169.6.1	P 119	L 5	i	# 260	C/ 169	SC 169.4.8	P 107	L 9	# 200
Potterf, Jason	Cisco				Jones, Cha	ad	Cisco Sys	ems, Inc.	
Comment Type T	Comment Status D		Power	- Missing section	Comment	Туре Т	Comment Status D		Power - Type
Isolation clause is absent. Clause 145.4.1 Electrical i			ted from 4	-Pair PoE			c to only allowing 16 unit l ed changing this. If that wa		
SuggestedRemedy					Suggested	Remedy			
Adopt isolation clause in a Clause_169p6p1_Isolatior		D_Potterf_D1	P2_Comn	nent_Sub-	"45-1"	0 10	98 line 22 was accepted,	change Type colur	mn: "0" to "26-1", "1" to
PROPOSED ACCEPT IN	Response Status W PRINCIPLE.					change 26 to 14	E_16U} to P{MPSE} 4, change 42 to 33, chang	e 100 for type 0 to	24.8, change 100 for
TFTD. Recommend accept with r	ninor odite				Proposed I	Response	Response Status W		
On 169.6.1.1.2, 2nd parag					•	, OSED ACCEPT	,		
The shape of the impulses value), as defined in ITU-T	Recommendation K.44."	' class) µs virtual	time to half	do not item 2:		} to P{MPSE}, nless comment 199 is acc 4, change 42 to 33, chang		24.8, change 100 for
It looks like there is an ext	ra " and the word class is	hanging.			DEFE	R - NEED TO CH	HECK NUMBERS ON ITE	M 2	
Delete " class from the res	sponse to read:								" 200
The shape of the impulses value), as defined in ITU-T		ront time, 700) µs virtual	time to half	Cl 169 Jones, Cha	SC 169.5.5 ad	P 117 Cisco Sys	L 10 ems, Inc.	# 202
		1 40		# 004	Comment		Comment Status D		Power - Type
C/ 169 SC 169.7	P119	L19	1	[#] 261	Table ²	169-1 needs upd	lates if previous comment	s were accepted.	
Potterf, Jason	Cisco		-		Suggested				
Comment Type T Environmental Clause is a Clause 145.6 Environ,enta				- <i>Missing section</i> from 4-Pair PoE	Item 1: item 2:	change "16" to change 1 and 2	'0" to "26-1", "1" to "45-1" "14"; "34" to "33" t to one merged cell of 0.5		
SuggestedRemedy						change "16" to change "34" to			
Adopt environmental claus		SPMD_Pott	erf_D1P2_	Comment_Sub-		0	0.5W. Change max from "	16" and "32" to "14	4" and "33"
Clause_169p7_Environme	_				Proposed I	Response	Response Status W		
Proposed Response F PROPOSED ACCEPT IN Accept text with editorial li	-	referenced s	ubmission		See re	OSED ACCEPT solution of comm eters per other c	nent 199 - do not change	types if rejected, b	ut align other
					item 2: item 6: item 7:	change 1 and 2 change "16" to change "34" to	"33"		41
					item 4:	change min to (0.5W. Change max from "	16" and "32" to "14	+ and 33
					DEFER	र			

C/ 168	SC 168.6.4	P 77	L 45	# 257	
Brandt, Da	avid	Rockwell A	utomation		
Comment	Туре Т	Comment Status D		Te	esting
	ot clear that it is re or PMAE11 throug	quired to test transmitter h PMAE14	electrical specifica	tions at both TC1 ar	nd
Suggeste	dRemedy				
00	est adding at line 4 and TC2."	15: "Transmitter electrical	specifications shal	I be measured at bo	oth
Proposed	Response	Response Status W			
Comr	00	N PRINCIPLE. n expanded to indicate the 00 ohms on each, which		specified is not 50	
Add a TC2.	t line 45: "Transm	itter electrical specificatio	ns shall be measur	ed at both TC1 and	l
Wher	both TC1 and TC	2 are terminated, the 50	Ohm resistive diffe	rential load should	be

implemented as a 100 /Ohm termination on each of TC1 and TC2."

(/Ohm is ohm-symbol)