CI 34	SC 34.1.2	P 2	L 32	#	83
D'Ambrosia,	John	Force10 Networks	5		

Comment Type ER Comment Status A

During 802.3ap, it was decided to try and keep it separate from Clause 34 / 44, which has now resulted in issues with the verbiage remaining in these clauses.

See below text

This standard specifies a family of Physical Layer implementations. The generic term 1000 Mb/s MAC refers to any use of the 1000 Mb/s ISO/IEC 8802-3 CSMA/CD MAC (the Gigabit Ethernet MAC) coupled with any physical layer implementation.

The term 1000BASE-X refers to a specific family of physical layer implementations specified in Clause 36 through Clause 39. The 1000BASE-X family of physical layer standards has been adapted from the ANSI X3.230-1994 [B20] (Fibre Channel) FC-0 and FC-1 physical layer specifications and the associated 8B/10B data coding method. The 1000BASE-X family of physical layer implementations is composed of 1000BASE-SX, 1000BASE-LX, and 1000BASE-CX.

All 1000BASE-X PHY devices share the use of common PCS, PMA, and Auto-Negotiation specifications (see Clause 36 and Clause 37). The 1000BASE-T PHY (Clause 40) uses four pairs of balanced copper cabling, as specified in ISO/IEC 11801:1995 (Class D) and ANSI/EIA/TIA-568-A-1995 (Category 5), and

tested for the additional performance parameters specified in NSI/EIA/TIA-568-B1 Annex D. Clause 40 defines its own PCS, which does not use 8B/10B coding.

SuggestedRemedy

Change to proposed text (which has been drafted in the spirit of early decision on keeping Backplane easy to pull out)

This standard specifies a family of Physical Layer implementations. The generic term 1000 Mb/s MAC refers to any use of the 1000 Mb/s ISO/IEC 8802-3 CSMA/CD MAC (the Gigabit Ethernet MAC) coupled with any physical layer implementation.

The term 1000BASE-X refers to a specific family of physical layer implementations specified in Clause 36 through Clause 39 and Clause 70. The 1000BASE-X family of physical layer standards has been adapted from the ANSI X3.20-1994 [B20] (Fibre Channel) FC-0 and FC-1 physical layer specifications and the associated 8B/10B data coding method. The 1000BASE-X family of physical layer implementations is composed of 1000BASE-SX, 1000BASE-LX, 1000BASE-CX, and 1000BASE-KX. 1000BASE-KX is specific to Ethernet operation over electrical backplanes (See Clause 69).

This clause is specific to 1000 Mb/s MAC operation with 1000BASE-SX, 1000BASE-LX, and 1000BASE-CX devices, which share the use of common PCS, and PMA specifications and Auto-Negotiation specifications (see Clause 36 and Clause 37). The 1000BASE-T PHY (Clause 40) uses four pairs of balanced copper cabling, as specified in ISO/IEC 11801:1995 (Class D) and NSI/EIA/TIA-568-A-1995 (Category 5), and tested for the additional performance parameters specified in ANSI/EIA/TIA-568-B1 Annex D. Clause 40

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

defines its own PCS, which does not use 8B/10B coding.

Response Response Status W ACCEPT IN PRINCIPLE.

[1] Change the text to read:

This standard specifies a family of Physical Layer implementations. The generic term 1000 Mb/s MAC refers to any use of the 1000 Mb/s IEEE 802.3 MAC (the Gigabit Ethernet MAC) coupled with any physical layer implementation.

The term 1000BASE-X refers to a specific family of physical layer implementations specified in Clause 36 through Clause 39 and Clause 70. The 1000BASE-X family of physical layer standards has been adapted from the ANSI X3.230-1994 [B20] (Fibre Channel) FC-0 and FC-1 physical layer specifications and the associated 8B/10B data coding method. The 1000BASE-X family of physical layer implementations is composed of 1000BASE-SX, 1000BASE-LX, 1000BASE-CX, and 1000BASE-KX.

This clause is specific to 1000 Mb/s MAC operation with 1000BASE-SX, 1000BASE-LX, and 1000BASE-CX devices, which share the use of common PCS, and PMA specifications and Auto-Negotiation specifications (see Clause 36 and Clause 37). The 1000BASE-T PHY (Clause 40) uses four pairs of balanced copper cabling, as specified in ISO/IEC 11801:1995 (Class D) and NSI/EIA/TIA-568-A-1995 (Category 5), and tested for the additional performance parameters specified in ANSI/EIA/TIA-568-B1 Annex D. Clause 40 defines its own PCS, which does not use 8B/10B coding. 1000BASE-KX is specific to Ethernet operation over electrical backplanes (See Clause 69).

[2] Add the use of IEEE 802.3 MAC, as opposed to CSMA/CD MAC, to the IEEE 802.3 dictionary.

C/ 34 SC 34.1.2 Page 1 of 5 30/06/2007 02:54:43

C/ 34	SC 34.1.4	Ρ3	L 18	# 84	C/ 36	SC 36.1.1	P 33	L 9	# 85
D'Ambrosia	, John	Force10 Networks	5		D'Ambros	ia, John	Force10 Netw	orks	
Comment T	vpe ER	Comment Status A			Comment	Type ER	Comment Status A		

Handling of merging of 802.3ap has left some inconsistencies in Clause 34 / 44.

See verbiage below -

34.1.4 Auto-Negotiation, type 1000BASE-X

Auto-Negotiation (Clause 37) provides a 1000BASE-X device with the capability to detect the abilities (modes of operation) supported by the device at the other end of a link segment, determine common abilities, and configure for joint operation. Auto-Negotiation is performed upon link startup through the use of a special sequence of reserved link codewords. Clause 37 adopts the basic architecture and algorithms from Clause 28, but not the use of fast link pulses.

SuggestedRemedy

Add sentence at end -

Auto-Negotiation for 1000BASE-KX is defined in Clause 73.

Response Status W

Response

ACCEPT IN PRINCIPLE.

Will add the sentence 'Backplane Auto-Negotiation defined in Clause 73 applies to 1000BASE-KX.'.

ппенстуре	EN			
Related to me	erger of 80	2.3ap into document ha	s created issues -	
This clause sp Attachment (F	pecifies the PMA) subla	e Physical Coding Subla ayer that are common to	iyer (PCS) and the F a family of 1000 Mb	'hysical Medium)/s Physical Laye

Attachment (PMA) sublayer that are common to a family of 1000 Mb/s Physical Layer implementations, collectively known as 1000BASE-X. There are currently three embodiments within this family: 1000BASE-CX, 1000BASE-LX, and 1000BASE-SX. The 1000BASE-CX embodiment specifies operation over a single copper media: two pairs of 150 ^J balanced copper cabling. 1000BASE-LX specifies operation over a pair of optical fibers using long-wavelength optical transmission. 1000BASE-SX specifies operation over a pair of optical fibers using short-wavelength optical transmission. The term 1000BASE-X is used when referring to issues common to any of the subvariants.

While it is assumed that this was done to keep 802.3ap stand-alone, Clause 70 states that Clause 36 is required, therefore Clause 36 needs to be modified to handle these references.

SuggestedRemedy

Replace with

This clause specifies the Physical Coding Sublayer (PCS) and the Physical Medium Attachment (PMA) sublayer that are common to a family of 1000 Mb/s Physical Layer implementations, collectively known as 1000BASE-X. There are currently four embodiments within this family: 1000BASE-CX, 1000BASE-KX, 1000BASE-LX, and 1000BASE-SX. The 1000BASE-CX embodiment specifies operation over a single copper media: two pairs of 150 ^J balanced copper cabling. The 1000BASE-CX embodiment specifies operation over an electrical backplane. 1000BASE-LX specifies operation over a pair of optical fibers using long-wavelength optical transmission. 1000BASE-SX specifies operation over a pair of optical fibers using short-wavelength optical transmission. The term 1000BASE-X is used when referring to issues common to any of the subvariants.

Response Response Status W

ACCEPT IN PRINCIPLE.

Will add 1000BASE-KX to list as suggested and will also change 'The 1000BASE-CX embodiment specifies operation over a single copper media: two pairs of 150 ..' to read 'The 1000BASE-CX embodiment specifies operation over two pairs of 150 ..'

C/ 36 SC 36.1.1 Page 2 of 5 30/06/2007 02:54:43

 Theler, Pat Broadcom Comment Type TR Comment Status R Treatment in Glows, the start delimiter is inconsistant between 1 Gb/s and 10 Gb/s Ethemet. In 1 Gb/s, the alignment is done by allowing an octed of preamble to be dropped if in overlaps the end of an <i>J</i>. Man doverwriting the next octet with <i>J</i>. <i>J</i>. In 0 Gb/s the full preamble is preserved by delaying the start of the preamble by up to 3 octets when necessary for alignment. Allowing an option for a 1 Gb/s PHY to behave in a manner similar to a 10 Gb/s PHY will cause no problems. It produces at most 1 octet of IPG shmkage can occur from took compensation and must be tolerated. SuggestedRemedy Add, "Altematively, when TX_EN is asserted during transmission of an ordered_set, the PGS may delay the packet to align the first octet of preamble to after the ordered_set and replace that octet with SPD." Response Response Status W ReLECT. <i></i>00 First motion Proposed REJECT. Proposed REJ	C/ 36 SC 36.2.4.13	P 47	L 35	# 106	CI 37 S	C 37.1.1	P 81	L 8	# 86
Comment Type TR Comment Status R Treatment of alignment of the start delimiter is inconsistant between 1 Gb/s and 10 Gb/s Ethomet. In 1 Gb/s, the alignment is done by allowing an octet of preamble to be dropped if it overlaps the end of an <i>II'</i> and overwritting the next octet with <i>IS/</i> . In 10 Gb/s the full preamble is preaved by delaying the start of the preamble by up to 3 octet of status when necessary for alignment. Allowing an option for a 1 Gb/s PHY to behave in a manner similar to a 10 Gb/s PHY will cause no problems. It produces at most 1 octet of IPG shrinkage but IPG shrinkage can occur from clock compensation and must be tolerated. Furthermore, It is noted in Clause 37 - "It is recommended that a device that has negative flow delay the packet the state of align the first octet of preamble to after the ordered_set, the PCS may delay the packet to align the first octet of preamble to after the ordered_set, the PCS may delay the packet to align the first octet of preamble to after the ordered_set, the PCS may delay the packet to align the first octet of preamble to after the ordered_set, the PCS may delay the packet to align the first octet of preamble to after the ordered_set, the PCS may delay the packet that state of the CRC would be over written by the <i>IT</i> . To insert the proposed text without introducing ambiguity would require changes to the state diagram. Furthermore, It is noted in Clause 37 N for 1000BASE-XX, which also does not specify Clause 37 the second device to advertise modes of operation in Table 270-1. — The state diagram, which takes precedence over this text, requires that <i>IT</i> be sent when TX. EN is de-asserted. If a FIFO were added in font of the TX state machine when the last byte of the CRC would be over true obsets the the state diagram. Causes 37 is optional	Thaler, Pat	Broadcom			D'Ambrosia, Jo	hn	Force10 Network	S	
Treatment of alignment of the start delimiter is inconsistant between 1 Gb/s and 10 Gb/s Herger of 802.3ap has created issues with existing text - Werger of 802.3ap has created issues with existing text - Clause 37 describes the 1000BASE-X Auto-Negotiation (AN) function that allows a cload with existing text - Allowing an option for a 1 Gb/s PHY to behave in a manner similar to a 10 Gb/s PHY will cause on porblems. It produces at most 1 could to 10 FG shrinkage cut IPC shrinkage tut IPC shrinkage cut IPC shrinkage tut IPC shrinkage cut PC shrinkage tut IPC shrinkage cut IPC shrinkage tut IPC shrinkage tut IPC shrinkage cut IPC shrinkage tut IPC shrinkage tut IPC shrinkage cut IPC shrinkage tut IPC shrinkage cut IPC shrinkage tut IPC shrinkage tut IPC shrinkage cut IPC shrinkage tut IPC shrinkage tut IPC shrinkage cut IPC shrinkage tut IPC shri	Comment Type TR Col	mment Status R			Comment Type	ER	Comment Status A		
cause no problems. It produces at most 1 octet of IPG shrinkage but IPG shrinkage can occur from clock compensation and must be tolerated. SuggestedRemedy Add, "Alternatively, when TX_EN is asserted during transmission of an ordered_set, the PCS may delay the packet to align the first octet of preamble to after the ordered_set and replace that octet with SPD." Response Response Status W REJECT. The state diagram, which takes precedence over this text, requires that /T/ be sent when TX_EN is de-asserted. If a FIFO were added in front of the TX state machine the proposed text without introducing ambiguity would require changes to the state diagram. 000 First motion Proposed REJECT. Proposed response text. The state machine specifies operation the other way and the state machine would have precedence over this text. Y: 4 N: 2 A: 8	Treatment of alignment of the Ethernet. In 1 Gb/s, the alignr it overlaps the end of an /I/ ar preamble is preserved by dela necessary for alignment. Allowing an option for a 1 Gb/	e start delimiter is incon ment is done by allowir nd overwritting the next aying the start of the pr 's PHY to behave in a n	sistant between og an octet of pre octet with /S/. In eamble by up to nanner similar to	1 Gb/s and 10 Gb/s amble to be dropped if 10 Gb/s the full 3 octets when a 10 Gb/s PHY will	Merger of 8 Clause 37 o (local devic a link segm partner mag	02.3ap has describes ti e) to adver ent (link pa / be advert	s created issues with existing text he 1000BASE-X Auto-Negotiatior tise modes of operation it posses artner) and to detect correspondin ising.	- ı (AN) functior ses to a devic ıg operational	n that allows a device the remote end o modes that the link
Clause 37 Auto-Negotiation." (Clause 73.1 Page 453, L36), which would seem to s to not point to Clause 37 Auto-Negotiation." (Clause 73.1 Page 453, L36), which would seem to s to not point to Clause 37 Auto-Negotiation." (Clause 37.1 Page 453, L36), which would seem to s to not point to Clause 37 Auto-Negotiation." (Clause 37.1 Page 453, L36), which would seem to s to not point to Clause 37 Auto-Negotiation." (Clause 37.1 Page 453, L36), which would seem to s to not point to Clause 37 Auto-Negotiation." (Clause 37.1 Page 453, L36), which would seem to s to not point to Clause 37 Auto-Negotiation." (Clause 37.1 Page 453, L36), which would seem to s to not point to Clause 37 Auto-Negotiation." (Clause 37.1 Page 453, L36), which would seem to s to not point to Clause 37 Auto-Negotiation." (Clause 37.1 Page 453, L36), which would seem to s to not point to Clause 37 Auto-Negotiation." (Clause 37.1 Page 453, L36), which would seem to s to not point to Clause 37 Auto-Negotiation." (Clause 37.1 Page 453, L36), which would seem to s to not point to Clause 37 Auto-Negotiation." (Clause 37.1 Page 453, L36), which would seem to s to not point to Clause 37 Auto-Negotiation." (Clause 37 Auto-Negotiation (AN) function for 1000BASE-LX, 1000BASE-LX, 1000BASE-CX that allows a device (local device) to advertise modes of opera and 1000BASE-CX that allows a device (local device) to advertise modes of poera and 1000BASE-CX in this clause refers to 1000BASE-LX, 1000BASE-LX	cause no problems. It produc	es at most 1 octet of IF	PG shrinkage but	IPG shrinkage can	Furhtermon	e, it is note 1000BASE	ed in Clause 73 - "It is recommend -KX operation through this clause	led that a dev	ice that has
Add, "Alternatively, when TX_EN is asserted during transmission of an ordered_set, the PCS may delay the packet to align the first octet of preamble to after the ordered_set and replace that octet with SPD." It to fold point to Clause 37 AN for 1000BASE-KX, which also does not specify Claus optional in Table 70-1. Response Response Status W REJECT. The state diagram, which takes precedence over this text, requires that /T/ be sent when TX_EN is de-asserted. If a FIFO were added in front of the TX state machine the last byte of the CR would be over written by the /T/. To insert the proposed text without introducing ambiguity would require changes to the state diagram. Use of the CRC would be over written by the /T/. To insert the proposed text without introducing ambiguity would require changes to the state diagram. Seeponse Response Status W 000 First motion Proposed REJECT. Response text. The state machine specifies operation the other way and the state machine would have precedence over this text. Clause 37 is optionally allowed for 1000BASE-KX. Instead will add the text 'Backpla' Auto-Negotiation defined in Clause 73 applies to 1000BASE-KX.' Y: 4 N: 2 A: 8 Y: 4 N: 2 A: 8	SugaestedRemedv				Clause 37	Auto-Negot	tiation." (Clause 73.1 Page 453, L	.36), which wo	ould seem to suggest
PCS may delay the packet to align the first octet of preamble to after the ordered_set and replace that octet with SPD." SuggestedRemedy Response Response Status W REJECT. The state diagram, which takes precedence over this text, requires that /T/ be sent when TX_EN is de-asserted. If a FIFO were added in front of the TX state machine the last byte of the CR would be over written by the /T/. To insert the proposed text without introducing ambiguity would require changes to the state diagram. SuggestedRemedy 000 First motion Proposed REJECT. Proposed REJECT. Proposed response text. The state machine specifies operation the other way and the state machine would have precedence over this text. Y: 4 N: 2 A: 8	Add, "Alternatively, when TX_	EN is asserted during	transmission of a	an ordered_set, the	to not point optional in	to Clause Fable 70-1.	37 AN for 1000BASE-KX, which a	also does not	specify Clause 37 as
Response Response Status W Response Response Status W REJECT. The state diagram, which takes precedence over this text, requires that /T/ be sent when TX_EN is de-asserted. If a FIFO were added in front of the TX state machine the last byte of the CRC would be over written by the /T/. To insert the proposed text without introducing ambiguity would require changes to the state diagram. change to Clause 37 describes the Auto-Negotiation (AN) function for 1000BASE-LX, 1000B/ and 1000BASE-CX that allows a device (local device) to advertise modes of operation the CRC would be over written by the /T/. To insert the proposed text without introducing ambiguity would require changes to the state diagram. change to Clause 37 describes the Auto-Negotiation (AN) function for 1000BASE-LX, 1000B/ and 1000BASE-CX that allows a device (local device) to advertise modes of operation the CRC would be over written by the /T/. To insert the proposed text without introducing ambiguity would require changes to the state diagram. change to Clause 37 describes the Auto-Negotiation (AN) function for 1000BASE-LX, 1000B/ and 1000BASE-X' in this clause refers to 1000BASE-LX, 1000B/ and 100	PCS may delay the packet to replace that octet with SPD "	align the first octet of p	preamble to after	the ordered_set and	SuggestedRem	edy			
REJECT. The state diagram, which takes precedence over this text, requires that /T/ be sent when TX_EN is de-asserted. If a FIFO were added in front of the TX state machine the last byte of the CRC would be over written by the /T/. To insert the proposed text without introducing ambiguity would require changes to the state diagram. 000 First motion Proposed REJECT. Proposed REJECT. Y: 4 N: 2 A: 8	Response Res	ponse Status W			change to			. for 4000DAC	
ambiguity would require changes to the state diagram. 000 First motion Proposed REJECT. Proposed response text. The state machine specifies operation the other way and the state machine would have precedence over this text. Y: 4 N: 2 A: 8 Response Response Text. The state machine specifies operation the other way and the state machine would have precedence over this text.	REJECT. The state diagram, which take TX_EN is de-asserted. If a FI of the CRC would be over wri	es precedence over thi FO were added in front tten by the /T/. To inse	s text, requires th of the TX state rt the proposed t	nat /T/ be sent when machine the last byte ext without introducing	and 1000B/ possesses correspond "1000BASE physical su	ASE-CX the to a device ing operations -X" in this blayers.	at allows a device (local device) to at the remote end of a link segm onal modes that the link partner n clause refers to 1000BASE-LX, 1	advertise mo ent (link partn nay be adverti 000BASE-SX	er) and to detect ising. Use of 4, and 1000BASE-CX
000ACCEPT IN PRINCIPLE.First motionClause 37 is optionally allowed for 1000BASE-KX. Instead will add the text 'Backpl Auto-Negotiation defined in Clause 73 applies to 1000BASE-KX.'.Proposed REJECT.Proposed response text. The state machine specifies operation the other way and the state machine would have precedence over this text.Clause 37 is optionally allowed for 1000BASE-KX.'.Y: 4 N: 2 A: 8Y: 4 N: 2 A: 8Y: 4 N: 2 A: 8	ambiguity would require chan	ges to the state diagram	m.		Response		Response Status W		
First motionClause 37 is optionally allowed for 1000BASE-KX. Instead will add the text 'Backpl Auto-Negotiation defined in Clause 73 applies to 1000BASE-KX.'.Proposed response text. The state machine specifies operation the other way and the state machine would have precedence over this text.Clause 37 is optionally allowed for 1000BASE-KX.'.Y: 4 N: 2 A: 8Y: 4 N: 2 A: 8	000				ACCEPT IN	PRINCIP	LE.		
Proposed REJECT. Proposed response text. The state machine specifies operation the other way and the state machine would have precedence over this text. Y: 4 N: 2 A: 8	First motion				Clause 37 i Auto-Negot	s optionally iation defin	y allowed for 1000BASE-KX. Inste ned in Clause 73 applies to 1000B	ead will add th 3ASE-KX.'.	e text 'Backplane
Proposed response text. The state machine specifies operation the other way and the state machine would have precedence over this text. Y: 4 N: 2 A: 8	Proposed REJECT.				-				
Y: 4 N: 2 A: 8	Proposed response text. The machine would have precede	state machine specifie nce over this text.	s operation the c	other way and the state					
	Y: 4 N: 2 A: 8								

C/ 37 SC 37.1.1

C/ 48 SC 48.1	P 229	L7	# 88	C/ 48 S	C 48.2.4.2.3	P 240	L 2	# 49
D'Ambrosia, John	Force10 Netwo	orks		Brad, Booth		AMCC		
Comment Type ER Con	mment Status A			Comment Type	TR	Comment Status A		
Integration of 802.3ap into do	cument has resulted in	issues -		There is a c item d. Iter	louble "shall' n d shall nee	'. The first shall applies to the ds to be removed.	list, and the	second applies to the
This clause specifies the Phys Attachment (PMA) sublayer th implementations, collectively Clause 53 and 10GBASE-CX- Clause 54 are members of the	sical Coding Sublayer (hat are common to a fai known as 10GBASE-X. 4 PMD described in e 10GBASE-X PHY fan	PCS) and the I mily of 10 Gb/s The 10GBASI nily.	Physical Medium Hysical Layer E-LX4 PMD described in	SuggestedRem Change: shall not to be: are not d	<i>edy</i> be deleted. eleted.			
Suggesteakerneay				Response		Response Status W		
This clause specifies the Phys	sical Coding Sublayer (PCS) and the l	Physical Medium	ACCEPT.				
of 10GBASE-CX4 (See Claus (see Clause 53).	known as 10GBASE-X. 9 54), 10GBASE-KX4 (The 10GBAS	E-X PHY family consists), and 10GBASE-LX4	C/ 48 Se D'Ambrosia, Jo	C 48.7.4.x	P 260 Force10 Network	L1 ks	# 93
Response Res	ponse Status W			Comment Type	ER	Comment Status R		
ACCEPT.				Table at top	looks to be	for AN function, but no clause	title.	
				SuggestedRem	edy			
C/ 48 SC 48.1.3.3	P 231	L 26	# 89	add clause	title above to	op table and re-order as approp	oriate	
D'Ambrosia, John	Force10 Netwo	orks		Response		Response Status W		
Comment Type ER Con	mment Status A			REJECT.				
integration of 602.5ap				This table s	pans a page	break - the title is at the start	of the table of	on the previous page.
10GBASE-X supports the PM The 10GBASE-LX4 and 10GE	D sublayer and MDI sp BASE-CX4 PMDs perfo	ecified in Claus rm the followin	se 53 and Clause 54. g functions:					
SuggestedRemedy								
change to 10GBASE-X supports the PM Clause 71. The 10GBASE-C> functions:	D sublayer and MDI sp (4, 10GBASE-KX4, and	ecified in Claus I 10GBASE-LX	se 53, Clause 54, and 4 perform the following					
Response Resp	ponse Status W							
ACCEPT.								

CI 48 SC 48.7.4.x

CI 70	SC :	70.3	P 3	83	L 37	# 132			
Dawe, Piers	;		Avago	o Technolog	ies				
Comment T	ype	TR	Comment Status	Α					
The PM this viola to the A of the P reader of can't se this PM	D clau ates la N sub CS). of a rec e any D, whi	use is t ayering layer (s In prind quirem point in ch is a	rying to impose a 'shall' because the PCS is no see Fig, 73-1; the old C ciple, this clause could o ent on something else, n this case. The main is ddressed in 70.1.	on a PCS. ot directly co lause 37 AN contain an ir made by an ssue is the v	That is on nected I is differ of ormative other class wish to e	butside of its power. A to the PMD, it's conn- ent, it is presented as the NOTE that reminds ause (or document). If inforce Clause 73 AN	Also ected part the But I with		
SuggestedF	Remed	'y							
Delete s 71.3, 7	subcla 1.10.4	use 70 .1.	.3 and associated PICS	370.10.4. S	imilarly	delete 72.3, 72.10.4.1	,		
Response			Response Status	W					
ACCEP	T IN F	RINCI	PLE.						
[1] Char service [2] Rem	nge 70 interfa).3 to re ice prir ubclaus	ead 'The PCS associate nitive AN_LINK.indications se 70.10.4.1 (PICS).	ed with this F on as define	PMD is r d in 73.9	equired to support the 9. (See 36.2.5.2.7.).'	AN		
CI 72	50.3	72 3	P3	aa	/ 45	# 137			
Dawe, Piers		. 2.0	Avago	o Technolog	ies	# [137			
Comment T	vpe	TR	Comment Status	R					
This ser appropr is respo anything thought done so	ntence iate su nsible g abov neces	e 'In ord ublayer for the re it. A ssary to sere els	ler to form a complete F s' attempts to impose a PMD alone. The PMD lso there is no requirem o define what makes up se e.g. using Table 69-1	PHY, a PMD condition o is the lowe nent to comb a complete) shall be n a com st sublay bine, me PHY of	e combined with the plete PHY - but this cl ver, not responsible fo rely to connect. If it is any name, then it mus	ause r s st be		
SuggestedF	Remed	ly							
Change appropr	to "W iate su	/hen {fo ublayer	orming part of} a comple s'. Same change for 7	ete PHY, a F 1.1, 72.1. 53	PMD is c 3.1.	onnected to the			
Response			Response Status	w					
REJEC ⁻	Т.								
This wa the IEE	s disci E P80	ussed 2.3ap	during the balloting of II Fask Force.	EEE P802.3	ap and t	his was the consensu	s of		
M: That S: Grow	er /								
Y: 6 N:	1 A: 0								
TYPE: TR/te COMMENT SORT ORD	echnic STAT ER:	al requ US: D/ Clause	ired ER/editorial requir dispatched A/acceptec e, Subclause, page, line	red GR/gen d R/rejected	eral requ I RES	ired T/technical E/e PONSE STATUS: O/o	ditorial (open W	3/gene //writtei	ral n C/closec

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