C/ 45 SC 45.2.1.214.2	P 27	L 36	# 17		Cl 190	SC 190.6.1	P 96	L 5	# 88	
Graber, Steffen	Pepperl+Fuch	s SE			Graber, St	effen	Pepperl+Fuc	hs SE		
Comment Type T Con	nment Status D			AutoNeg	Comment	Туре Е	Comment Status D		A	utoNeg
Auto-Negotiation is mandatory to 1, when using 100BASE-T1 effect on setting the mode of c encoding for 100BASE-T1L (a text, telling, that AN is always	L and thus setting the peration to 100BASE s for all other PMA typ	bits 3:0 in regi -T1L. It can ma bes), but likely v	ster 1.2100 will h ke sense to have	ave no e an		mode" is written etters.	eed mode is mandatory and with lower case letters, also	0 1		
SuggestedRemedy		02 112				je "To negotiate⊫ e 98 Auto-	that the PHY is capable of s	upporting low-sp	eed mode (LSM) o	of
Change "When these bits are Auto-Negotiation is mandatory reserved for 100BASE-T1L, bu using Auto-Negotiation.".	for 100BASE-T1L, ar	n encoding of b	its 1.2100.3:0 of	1000 is	Negoti 100BA (LSM, Negoti	ation to cover lo SE-T1L." to "To mandatory) of C	nger cable length and High-s negotiate that the PHY is ca lause 98 Auto- nger cable length and high-s	pable of suppor	ting low-speed mod	de
PROPOSED ACCEPT IN PRI TFTD We need to discuss how featu	NCIPLE.	utonegotiation	is mandatory.		Proposed PROP TFTD	Response OSED ACCEPT	Response Status W IN PRINCIPLE.			
C/ 45 SC 45.2.1.251.5	P 29	L35	# 20		C/ 190	SC 190.6.1	P 96	L12	# 89	
Graber, Steffen	Pepperl+Fuch	s SE			Graber, St	effen	Pepperl+Fuc	hs SE		
Comment Type T Con	nment Status D			AutoNeg	Comment	Туре Е	Comment Status D		A	utoNeg
Auto-Negotiation is mandatory SuggestedRemedy	for 100ABSE-T1L, th	us the EEE set	tting is derived fr	om AN.	mode	(as e.g. describe	ould be topic "e" in the list a d in the management regist in the document to 2.0 Vpp	ers, if technically		
Suggest to remove the EEE bi	t in table 45-212a and	I to remove sub	clause 45.2.1.2	51.5.	Suggested			,		
Proposed Response Resp PROPOSED ACCEPT IN PRI TFTD.	oonse Status W NCIPLE.				Chang Safe a	je text to: "e) To	negotiate the low (1.0 Vpp, s high transmit level (2.4 Vpp)			
Related to AutoNeg					Proposed PROP TFTD.	, OSED ACCEPT	Response Status W IN PRINCIPLE.			
					C/ 1	SC 1.4.255	P 20	L 35	# 15	
					Graber, St	effen	Pepperl+Fuc	hs SE		
					Comment 6 terna	<i>Type</i> E ary symbols conv	Comment Status D vey an octet.		Ε	Editorial
					Suggested Replac	IRemedy ce "nibble" by "oo	ctet".			
					Proposed PROP	Response OSED ACCEPT	Response Status W			
TYPE: TR/technical required ER/e COMMENT STATUS: D/dispatche						1 Z/withdrawn	Topic	Editorial	Page 1 of 15 5/9/2025 9:1	

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

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C/ 192	SC 192.1.3	P 41	L 21	# 23	C/ 190	SC 190.3.3.3	B P59	L 50	# 11
Graber, Ste	effen	Pepperl+Fuc	hs SE		Graber, St	effen	Pepperl+Fu	uchs SE	
	pic 1 uses "every' vo uses "each". Sl	Comment Status D to describe, that an auxilia nould read the same.	ary bit is added	<i>Editorial</i> after 15 blocks, item	Suggested	" should be set i Remedy	Comment Status D n commas, as "N = 2".		Editorial
	•	n auxiliary bit is added to	each 15 16B/17	3 blocks"		ommas around "			
Proposed F		Response Status W				Response POSED ACCEPT	Response Status W		
	age of this item is eds aligning.	clear - suggested remedy	would read awk	wardly - it is the 2nd item	C/ 190	SC 190.3.3.4	4 P 63	L 59	# 41
that ne	eus angrinng.				Graber, St	effen	Pepperl+Fu	uchs SE	
At P41	L24, (item topic 2), change "each" to "every			Comment	51	Comment Status D		Editorial
C/ 190	SC 190.2.2.16	P55	L 24	# 5		g the bit of tx_oc ption should be a	tet[3] has already been des avoided.	scribed in the pre	vious sentence. A double
Graber, Ste		Pepperl+Fuc	hs SE		Suggested	dRemedy			
	ld be made clear,	Comment Status D that the PCS transmit func	ction is meant.	Editorial	is a co		OCT[0] is 1, it may be infe in bit TOCT[0] is 0, bit tx_o the block."		
Suggestedl	-	n" to "PCS Transmit functi	ion"		Proposed	Response	Response Status W		
Proposed F		Response Status W			Chang that th	e next octet in th	IN PRINCIPLE. When bit TOCT[0] is 1, tx_c he block, if any, is a control ctet[4] is set to indicate who	octet. When bit	FOCT[0] is 0, tx_octet[3]
C/ 190	SC 190.3.3	P 57	L 32	# 10	block.				
	<i>Type</i> T ntence starting wi	Pepperl+Fuc Comment Status D h "The PAM3 symbols'		<i>Editorial</i> dundant to the next	contro		1, it may be inferred that th : TOCT[0] is 0, bit tx_octet[ck."		
paragra	-				C/ 190	SC 190.3.3.1	11 P 73	L 7	# 51
Suggestedl	Remeay re sentence.				Graber, St	effen	Pepperl+Fu	uchs SE	
		Desmana Clature M			Comment	Type E	Comment Status D		Editorial
Proposed F	SED ACCEPT.	Response Status W			In form	nulas with more	than one row, curly bracke	ts should be used	to combine the rows.
FROF	JOLD ACCEPT.				Suggestee	dRemedy			
							rmula for creating SXn. Do 8, page 76, lines 1, 7, 13 a		
					Proposed	Response	Response Status W		
					PROF Text is	OSED REJECT	•		

Topic Editorial

C/ 190	SC 190.4.2	P 86	L17	# 65	C/ 190	SC 1	90.7.2.2	P102	L1	# 95
Graber, Ste	effen	Pepperl+Fuchs	s SE		Graber, Ste	effen		Pepperl+Fuch	s SE	
Comment T	Гуре Е	Comment Status D		Editorial	Comment	Туре	E	Comment Status D		Editor
The PH	IY Control state	diagram is split into figures 19	90-15 to 190-1	7.	The cu	rve is pl	otted for "	N = 0".		
SuggestedF	Remedy				Suggested	Remedy	,			
page 87 state di	7, line 15, page 8 agrams to Figure	to "Figure 190-15 to Figure 37, line 44. Another option mi 3 190-15a, 190-15b, 190-15c nce Figure 190-15.	ght be to renar	ne the PHY control	informa provide	ation onl ed for inf	y." to "Eq ormation	,		
•	· ·	0			Proposed I	Respons	e	Response Status W		
Proposed R	Response DSED ACCEPT.	Response Status W			PROP	OSED A	CCEPT.			
PROPC	JSED ACCEPT.				C/ 190	SC 1	90.1.3.2	P 43	L 36	# 27
C/ 190	SC 190.4.3	P 86	L 40	# 68	Graber, Ste	effen		Pepperl+Fuch	s SE	
Graber, Ste	effen	Pepperl+Fuchs	s SE		Comment	Гуре	E	Comment Status D		EE
Comment T	Гуре Е	Comment Status D		Editorial			or function	is missing.		
It is not	clear, to what pa	art of the sentence "both" bel	ongs.		Suggested	Remedv	,	-		
SuggestedF	Remedy					-		ovides the PHY Control, Link	Monitor and C	Clock Recoverv
Add a c	comma or ":" afte	r both.			functio	ns." to "a	and provid	les the PHY Control, Link M		
Proposed R	Response	Response Status W				ery funct				
PROPC	OSED ACCEPT I	N PRINCIPLE.			Proposed I	'		Response Status W		
Delete '	"both" it is unned	essary			-		CCEPT II	N PRINCIPLE.		
C/ 190	SC 190.4.4.2	P 87	L 51	# 74						
Graber, Ste	effen	Pepperl+Fuchs	s SE		C/ 190	SC 1	90.4	P 85	L10	# 63
Comment T	Type E	Comment Status D		Editorial	Graber, Ste	effen		Pepperl+Fuch	s SE	
Sugges	st to use logical e	quations in description.			Comment		т	Comment Status D		EE
SuggestedF	Remedv				The "R	efresh N	/lonitor" fo	r EEE is missing (see claus	e 190.4.6).	
00		s OK" to "loc_rcvr_status = C	K" and "rem r	cvr status OK" to	Suggested	Remedy	,			
	cvr_status = OK"							between "Link Monitor, " and		
Proposed R PROPC	Response DSED ACCEPT.	Response Status W			other b Refres but the	locks). A h Monito pma_re	As the loc or state ma fresh_sta	to to figure 190-14 (with the _rcvr_status signal is general achine should not directly in tus variable can be used in in case the pma_refresh_st	ated by PMA R fluence the loc the PMA Rece	eceive function, the _rcvr_status variable, ive function to reset the
					Proposed I	Respons	e	Response Status W		
								N PRINCIPLE.		

Topic EEE

-									
C/ 190 SC 190.4.9	9.3 P95	L23	# 86	C/ 45	SC 45.2.1.214	P27	L15	# 16	
Graber, Steffen	Pepperl+Fucl	ns SE		Graber, S	teffen	Pepperl+Fuc	hs SE		
Comment Type T	Comment Status D		EEE	Comment	tType E	Comment Status D			ΕZ
loc_rcvr_status is all needs to react on pr LINK_FAIL) and res	SH_TIMEOUT, loc_rcvr_status ready set by the PHY control fu na_refresh_status = FAIL (goin et loc_rcvr_status accordingly.	nction. Thus the	PHY control function	editin <i>Suggeste</i>	BASE-T1L" needs g the table for 100 <i>dRemedy</i> er comment.	to be changed to "25GBAS BASE-T1L).	E-T1" (might ha	ve happened when	
SuggestedRemedy				Proposed	l Response	Response Status W			
pma_refresh_status	tatus <= FAIL" from LPI_REFR to the list for the parameters in e 50 (change "pcs_status and a	fluencing loc_rc	vr_status in Clause	,	POSED ACCEPT.				
and pma_refresh_st				C/ 45	SC 45.2.3	P 32	L19	# 21	
Proposed Response	Response Status W			Graber, S	teffen	Pepperl+Fuc	hs SE		
PROPOSED ACCER				Comment	tType E	Comment Status D			ΕZ
TFTD. Discussion n (see curran_3dg_01	eeded. a_01202025.pdf slide 35)			Regis reflec		.2283 are 100BASE-T1L sp	ecific, so that the	e register name sho	buld
C/ Keywor SC Keywo	ords P3	L 5	# 13	Suggeste	dRemedy				
Graber, Steffen	Pepperl+Fucl	ns SE				1L advertisement" for regis	ter 3.2282 and " ²	100BASE-T1L link	
Comment Type E	Comment Status D		EZ	•		for register 3.2283.			
	of the two commas after "Ether and "PLCA" should be remove				Response POSED ACCEPT.	Response Status W			
SuggestedRemedy				C/ 190	SC 190.1	P 40	L18	# 22	
As per comment.				Graber, S	teffen	Pepperl+Fuc	hs SE		
Proposed Response	Response Status W			Comment	tType E	Comment Status D			ΕZ
PROPOSED ACCE	,			"attac	chment points" is n	ot defined.			
				Suggeste	dRemedy				
C/ Particip SC Partici	•	L 4	# 14	Sugg	est to change to: "	attachment points (Medium	Dependent Inter	rface (MDI))".	
Graber, Steffen	Pepperl+Fucl	ns SE		Proposed	l Response	Response Status W			
Comment Type E Project name is P80	Comment Status D 2.3dg"		EZ	PRO	POSED ACCEPT.				
SuggestedRemedy Change "802.3xx" to	"802.3da"								
Proposed Response	Response Status W								
PROPOSED ACCER	•								

C/ 192	SC 192.1.3	P 41	L32	# 24	C/ 190 SC 190.1.3.3 P43	L2	# 29
Graber, Ste		Pepperl+Fuch			Graber, Steffen Pepperl+F	_	
Comment 7		Comment Status D			Comment Type E Comment Status D		EZ
Additio		ndatory for 100BASE-T1L, su otiation" is sometimes writter nified.			Small modifications to wording are necessary. SuggestedRemedy		
Suggestedl	Remedy				Change "send" to "sends". Remove "on" in line 3	3. Add dots at the	end of lines 11 and 12.
		ported" to " is supported agotiation" throughout the do		d". Change "Auto-	Proposed Response Response Status W PROPOSED ACCEPT.		
Proposed F PROPC	Response DSED ACCEPT.	Response Status W			C/ 190 SC 190.1.3.2 P43	L 39	# 28
C/ 190	SC 190.1.3	P 41	L 43	# 25	Graber, Steffen Pepperl+F Comment Type E Comment Status D	uchs SE	EZ
Graber, Ste		Pepperl+Fuch		" 25	Reference to the PMA should be 190.4 instead of	of 190.3.9	EZ.
Comment T	Type E	Comment Status D = 190.4.7 instead of 190.4.6.	3.02		SuggestedRemedy Change reference to 190.4.		
Suggestedl Change	Remedy e reference to Cl	ause 190.4.7.			Proposed Response Response Status W PROPOSED ACCEPT.		
Proposed F PROPC	Response DSED ACCEPT.	Response Status W			C/ 190 SC 190.2.1.1.3 P45 Graber, Steffen Pepperl+F	L48	# 30
C/ 192	SC 192.1.3	P 42	L 9	# 26	Comment Type E Comment Status D		EZ
Graber, Ste	effen	Pepperl+Fuch	s SE		The PHY Control function is specified in 190.4.4		
Comment 7	Гуре Е	Comment Status D			SuggestedRemedy		
	reference clause for the PMA.	e 190.7 instead of 199.7 for t	he link segmen	nt and 190.4 instead c	Change clause from 199.4.4 to 190.4.4. Also pe referenced instead of Clause 190 being reference of a clause to figure to figure to figure to the second to t	ed throughout the	document and change
Suggested			ad 400 4 (DMA		references (including those to figures) according throughout the document, which need to be char		al occurrences
0		lause 190.7 (link segment) a	anu 190.4 (PMA	\) .	Proposed Response Response Status W		
Proposed F PROP(Response DSED ACCEPT.	Response Status W			PROPOSED ACCEPT.		

Topic **EZ**

C/ 90 SC 90.2.1.2 P46 L4 # 31	C/ 190 SC 190.2.2.9.1 P51 L40 # 2
Graber, Steffen Pepperl+Fuchs SE	Graber, Steffen Pepperl+Fuchs SE
Comment Type E Comment Status D E2 Should reference Clause 98 instead of Clause 190. E2 E3 <	Comment Type E Comment Status D E Explanatory text for "OK" and "NOT_OK" is reversed. E
SuggestedRemedy Change reference to Clause 98.4.1.	SuggestedRemedy Revert explanatory text in lines 40 and 41 for "OK" and "NOT_OK".
Proposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE. The primitive is based on link_status which is generated by the Clause 190 link monitor	Proposed Response Response Status W PROPOSED ACCEPT.
state diagram. The reference, however, should be 190.4.5, not 190.4.1, which is the PMA reset	C/ 190 SC 190.2.2.11.4 P53 L1 # 4 Graber, Steffen Pepperl+Fuchs SE Pepperl+Fuchs SE Pepperl+Fuchs SE Pepperl+Fuchs SE
C/ 190 SC 190.2.2 P47 L 39 # 35 Graber, Steffen Pepperl+Fuchs SE Pepperl+Fuchs SE Pepperl+Fuchs SE Pepperl+Fuchs SE	Comment Type E Comment Status D E Clauses 190.2.2.11.4 to 190.2.2.11.7 are a copy of 190.2.2.12.x.
Comment Type E Comment Status D E2 "MPA sublayer" should read as "PMA sublayer".	
SuggestedRemedy Change "MPA" to "PMA".	Proposed Response Response Status W PROPOSED ACCEPT.
Proposed Response Response Status W PROPOSED ACCEPT.	C/ 190 SC 190.2.2.16.1 P 55 L 32 # 6 Graber, Steffen Pepperl+Fuchs SE # 6 <
Cl 190 SC 190.2.2.4.3 P49 L 46 # 1 Graber, Steffen Pepperl+Fuchs SE Pepperl+Fuchs SE <t< td=""><td>Comment Type E Comment Status D E PMA_PCS_TX_LPI_STATUS is associated with the transmit function. E <td< td=""></td<></td></t<>	Comment Type E Comment Status D E PMA_PCS_TX_LPI_STATUS is associated with the transmit function. E <td< td=""></td<>
Comment Type E Comment Status D E2 The transmitter electrical specification is Clause 190.5.4. E2	SuggestedRemedy Change "receive" to "transmit" in lines 32 and 33.
SuggestedRemedy Change "190.5.2" to "190.5.4".	Proposed Response Response Status W PROPOSED ACCEPT.
Proposed Response Response Status W PROPOSED ACCEPT.	Cl 190 SC 190.3.1 P 56 L 38 # 7 Graber, Steffen Pepperl+Fuchs SE Comment Type E Comment Status D E "PCS Reset" is written with a capital "R". E E E
	SuggestedRemedy Change "PCS reset" to "PCS Reset".
	Proposed Response Response Status W PROPOSED ACCEPT.

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

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C/ 190	SC 190.3.3.4	P60	L 28	# 12		C/ 190 S	C 190.3.3.4	P63	L 59	# 40	
Graber, St		Pepperl+Fuch				Graber, Steffen		Pepperl+Fuct			
Comment		Comment Status D			ΕZ	Comment Type		Comment Status D			EZ
Suggested Chang	<i>IRemedy</i> ge "require" to "rec	quires".				SuggestedRem Change ref	•	199-3 to 190-3.			
	Response OSED ACCEPT.	Response Status W				Proposed Resp PROPOSE	oonse D ACCEPT.	Response Status W			
C/ 190	SC 190.3.3.4	P61	L16	# 37		C/ 190 So	C 190.3.3.5.	2 P65	L 27	# 42	
Graber, St	effen	Pepperl+Fuch	ns SE			Graber, Steffen		Pepperl+Fuch	ns SE		
<i>Comment</i> "r" too	<i>Type</i> E much.	Comment Status D			EZ	Comment Type "corrupt" sh	E E	Comment Status D			EZ
Suggested Chang	<i>IRemedy</i> ge "afterr" to "after	.u				SuggestedRem Change "cc	nedy prrupt" to "coi	rrupts".			
•	Response OSED ACCEPT.	Response Status W				Proposed Resp PROPOSE	oonse D ACCEPT.	Response Status W			
C/ 190	SC 190.3.3.4	P 62	L 23	# 38		C/ 190 So	C 190.3.3.6	P66	L12	# 43	
Graber, St	effen	Pepperl+Fuch	ns SE			Graber, Steffen		Pepperl+Fuch	ns SE		
<i>Comment</i> Table	<i>Type</i> E 190-2 should be r	Comment Status D referenced.			EZ	Comment Type "tx_coded"		Comment Status D in a new line, "ith" should ha	ave the "th" in su	uperscript.	Ež
Suggested Chang	<i>IRemedy</i> ge 199-2 to 190-2.						oded" to a ne	ew line (remove comma afte	r "block") and w	rite "ith" as	
Proposed PROP	Response POSED ACCEPT.	Response Status W				"i(superscri <i>Proposed Resp</i> PROPOSE	• /	Response Status W			
C/ 190	SC 190.3.3.4	P62	L 42	# 39		C/ 190 S	C 190.3.3.6	P66	L 23	# 44	
Graber, St		Pepperl+Fuch Comment Status D	IS SE		EZ	Graber, Steffen		Pepperl+Fuch	ns SE		
Comment Should	<i>Type</i> E d be "Error Propag				EZ	Comment Type	Е	Comment Status D			E
						"Txbn[7:0]"	should be "T	xb(subscript)n[7:0]" and "Se	dn[7:0]" should l	be "Sd(subscript)n[7	7:0]".
Suggested Chang	ge to "Error Propage	nation"				SuggestedRem	iedy				
Proposed		-				Change "T>	xbn[7:0]" to "	Txb(subscript)n[7:0]" and "S	dn[7:0]" to "Sd(subscript)n[7:0]".	
•	POSED ACCEPT.	Response Status W				Proposed Resp PROPOSE	oonse	Response Status W			

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		1.04	# 45			D00	1.05	# 40	
Cl 190 SC 190.3.3.7 Graber, Steffen	7 P66 Pepperl+Fuct	L 31	# 45		C/ 190 SC 190.3.3.9 Graber, Steffen	P 69 Pepperl+Fucl	L25	# 49	
Comment Type E Should be GF(2^8).	Comment Status D	IIS SE		ΕZ		Comment Status D	IIS SE		EZ
SuggestedRemedy Change to "GF(2(supe	erscript)8)".				SuggestedRemedy Change "Sgn" to "Sg(subs	cript)n", also adapt Sgn i	n formula in line	31 accordingly.	
Proposed Response PROPOSED ACCEPT	Response Status W				Proposed Response F PROPOSED ACCEPT.	Response Status W			
C/ 190 SC 190.3.3.8	B P68	L 29	# 46		C/ 190 SC 190.3.3.10	P 70	L 29	# 50	
Graber, Steffen	Pepperl+Fuch	hs SE			Graber, Steffen	Pepperl+Fucl	hs SE		
Comment Type E It is an indication.	Comment Status D			EZ	Comment Type E The correct bit vector is "S	Comment Status D Sxn[3:0]".			EZ
SuggestedRemedy Replace "assumes" by	\prime "indicates", do the same in I	ine 36.			SuggestedRemedy Change "Sxn[7:4]" to "Sxn	[3:0]".			
Proposed Response PROPOSED ACCEPT	Response Status W				Proposed Response F PROPOSED ACCEPT.	Response Status W			
C/ 190 SC 190.3.3.9	P68	L 49	# 47		C/ 190 SC 190.3.3.11	P 73	L 24	# 52	
Graber, Steffen	Pepperl+Fuch	hs SE			Graber, Steffen	Pepperl+Fucl	hs SE		
Comment Type E Sgn is just a single bit,	<i>Comment Status</i> D , no nibble.			EZ	Comment Type E the "n" in "An" needs to be	Comment Status D e in subscript.			EZ
SuggestedRemedy Change Sgn[3:0] to Sg	jn.				SuggestedRemedy Change "An" to "A(subscri	pt)n". Do the change also	o on page 79, lin	e 24.	
Proposed Response PROPOSED ACCEPT	Response Status W				Proposed Response F PROPOSED ACCEPT.	Response Status W			
C/ 190 SC 190.3.3.9	P69	L 4	# 48		C/ 190 SC 190.3.4	P 74	L18	# 53	
Graber, Steffen	Pepperl+Fuch	hs SE			Graber, Steffen	Pepperl+Fucl	hs SE		
Comment Type E Opening bracket is mis	Comment Status D ssing for Scrn[32].			EZ	Comment Type E Unintended space in "cont	Comment Status D inuously".			EZ
SuggestedRemedy Add opening bracket fe	or Scrn[32].				SuggestedRemedy Remove unintended space	e in "continuously".			
Proposed Response	Response Status W				Proposed Response F	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

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Topic EZ

C/ 190 SC 190.3.	5.1 <i>P</i> 74	L 42	# 54		C/ 190 SC 190.3.5.3	P 77	L33	# 60
Graber, Steffen	Pepperl+Fuc	hs SE			Graber, Steffen	Pepperl+Fuc	hs SE	
Comment Type E	Comment Status D			EZ	Comment Type E	Comment Status D		
loc_rcvr_status is c acting as follower P	ommunicated in unformatted tra	aining sequence	, in case the PHY is	5	"n" in "Sdn[3:0]" needs	to be in subscript.		
SuggestedRemedy Change "config - FC from "]" to ")".	DLLOWER" to "config = FOLLO	WER". Alco cha	ange closing bracke	t	SuggestedRemedy Change "Sdn[3:0]" to "S Proposed Response	Response Status W		
Proposed Response	Response Status W				PROPOSED ACCEPT.			
PROPOSED ACCE	PT.				C/ 190 SC 190.3.5.3	P 79	L 2	# 61
C/ 190 SC 190.3.	5.2 P75	L 46	# 56		Graber, Steffen	Pepperl+Fuc	hs SE	-
Graber, Steffen Comment Type E	Pepperl+Fuc Comment Status D	hs SE		EZ	Comment Type E the "n" in "RDn" needs	Comment Status D to be in subscript.		
Scrambler bits are S				EZ.	SuggestedRemedy			
SuggestedRemedy					Change "RDn" to "RD(s	• •		
Change second "So	In[3:0]" in line 12 to "Sy(subscri	pt)n[3:0]".			Proposed Response PROPOSED ACCEPT.	Response Status W		
Proposed Response	Response Status W							
PROPOSED ACCE	PT.				C/ 190 SC 190.3.5.3	P 79	L 8	# 62
C/ 190 SC 190.3.	5.2 P75	L 48	# 57		Graber, Steffen	Pepperl+Fuc	hs SE	
Graber, Steffen	Pepperl+Fuc	hs SE			Comment Type E	Comment Status D		
Comment Type E	Comment Status D			ΕZ	Closing bracket at the e	end of the line should be ")"	instead of "]".	
Closing bracket at t	he end of the line should be ")"	instead of "]".			SuggestedRemedy			
SuggestedRemedy					0 0	t to ")", additionally also for	the formula on p	age 73, line 8.
Change closing bra	cket to ")" and also for the next	3 formulas.			Proposed Response	Response Status W		
Proposed Response	Response Status W				PROPOSED ACCEPT.			
PROPOSED ACCE	PT.				C/ 190 SC 190.4	P 85	L14	# 64
V 190 SC 190.3.	5.2.4 P77	L12	# 59		Graber, Steffen	Pepperl+Fuc	hs SE	
Graber, Steffen	Pepperl+Fuc	hs SE			Comment Type E	Comment Status D		
Comment Type E	Comment Status D			ΕZ	The PMA Reference dia	agram is figure 190-14.		
"In" before "Figure ?	190-10" is missing.				SuggestedRemedy			
SuggestedRemedy					Change 199-12 to 190-	14.		
Add "In" before "Fig	ure 190-10".				Proposed Response	Response Status W		
Proposed Response PROPOSED ACCE	Response Status W PT.				PROPOSED ACCEPT.			
	uired ER/editorial required GR /dispatched A/accepted R/reje					Topic I	ΞZ	Page 9 of 15 5/9/2025 9:12:4

SORT ORDER: Topic

Cl 190	SC 190.4.2	P 86	L 20	# 66		C/ 190	SC 190.4.3	P 87	L 9	# 72	
Graber, Ste	effen	Pepperl+Fuch	s SE			Graber, Ste	effen	Pepperl+F	uchs SE		
Comment 7 The ele		Comment Status D ions are defined in 190.5.4.			EZ	Comment The PM	• •	Comment Status D ve fault bit is specified in	45.2.1.252.7.		EZ
Suggestedl Change	<i>Remedy</i> e 190.5.3 to 190.9	5.4.				<i>Suggested</i> Chang		MA specific receive fault	bit (in yellow mark	ing) to "45.2.1.252.	.7".
Proposed F PROPO	Response OSED ACCEPT.	Response Status W				Proposed I PROP	Response OSED ACCEPT	Response Status W			
C/ 190	SC 190.4.3	P 86	L 43	# 69		C/ 190	SC 190.4.6	P 88	L 33	# 75	
Graber, Ste	effen	Pepperl+Fuch	s SE	-	-	Graber, Ste	effen	Pepperl+F	uchs SE	_	
Comment 7 10-10 s	<i>Type</i> E should be 10 with	Comment Status D superscript -10.			EZ	Comment The Re	• •	Comment Status D ate diagram is in Figure 1	90-19.		EZ
Suggestedl Change	<i>Remedy</i> e 10-10 to 10 sup	erscript -10.				<i>Suggested</i> Chang	<i>Remedy</i> e 190-18 to 190 [.]	19.			
Proposed F PROPC	Response OSED ACCEPT.	Response Status W				Proposed I PROP	Response OSED ACCEPT	Response Status W			
C/ 190	SC 190.4.3	P 86	L 45	# 70		C/ 190	SC 190.4.7	P 88	L 43	# 76	
Graber, Ste	effen	Pepperl+Fuch	s SE			Graber, Ste	effen	Pepperl+F	uchs SE		
Comment 7 Should	<i>Type</i> E be singular.	Comment Status D			EZ	Comment The PA	51	Comment Status D state is specified in figure	190-15.		EZ
Suggestedl Change	<i>Remedy</i> e "include" to "inc	ludes".				Suggested Chang	<i>Remedy</i> e 190-18 to 190-	15.			
Proposed F PROPO	Response OSED ACCEPT.	Response Status W				Proposed I PROP	Response OSED ACCEPT	Response Status W			
C/ 190	SC 190.4.3	P 86	L 5 1	# 71							
Graber, Ste	effen	Pepperl+Fuch	s SE								
Comment 7 "genera	<i>Type</i> E ates" should read	Comment Status D as "generate".			EZ						
Suggestedl Change	<i>Remedy</i> e "generates" to "	'generate".									
Proposed F	-	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 **EZ**

	SC 190.4.8.1	P 89	L 7	# 77	C/ 190	SC 190.4.9.1	P 90	L
Graber, Ste	ffen	Pepperl+Fuc	hs SE		Graber, S	teffen	Pepperl+Fuch	hs SE
	nvolutional sum s	Comment Status D should use variable m as ar Il specification is stated in 1		of n (below the sum		missing after "Valu	Comment Status D	
	190-7 is double				00	<i>dRemedy</i> :" after "Values".		
SuggestedF	Remedy							
		0" below sum sign, change (doubled) paragraph after fo			e '	Response POSED ACCEPT.	Response Status W	
Proposed R	•	Response Status W			C/ 190	SC 190.6.1	P96	L
PROPC	DSED ACCEPT.				Graber, S		Pepperl+Fuch	hs SF
C/ 190	SC 190.4.8.2	P89	L 24	# 78	Commen		Comment Status D	
Graber, Ste		Pepperl+Fuc	hs SE		DUIDO	negotiation should	d read "Auto-Negotiation" and	d five pr
Comment T		Comment Status D				0	ine sentence.	
sign), th	ne closing bracke	should use variable m as ar et after w(t) is too much. It s	hould be stated	, that the symbols am	00	<i>dRemedy</i> ge "Auto-negotiati	on" to "Auto-Negotiation" and	d "two"
that in h		ansmit symbol source in th nsmit filter impulse respons planatory text.				Response POSED ACCEPT.	Response Status W	
SuggestedF	Remedy				CI 400	SC 190.7.2.2	P101	,
					(7, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,			
		0" below sum sign, and rem " in explanatory text (line 2)			<i>Cl</i> 190 Graber, S		Pepperl+Fuch	hs SE
"transm	nit symbol source	0" below sum sign, and rem " in explanatory text (line 20 Change style of w(t) in expl	B) add " (transm	itting PAM3 symbols a		teffen		L hs SE
"transm subscrij	nit symbol source pt m (in italic))". (e" in explanatory text (line 28	B) add " (transm	itting PAM3 symbols a	Graber, S Commen	teffen <i>Type</i> E	Pepperl+Fuch	
"transm subscrij Proposed R	nit symbol source pt m (in italic))". (e" in explanatory text (line 20 Change style of w(t) in expl	B) add " (transm	itting PAM3 symbols a	Graber, S <i>Commen</i> Shou	teffen <i>Type</i> E	Pepperl+Fuch Comment Status D	
"transm subscrij Proposed R	nit symbol source pt m (in italic))". (Response	e" in explanatory text (line 20 Change style of w(t) in expl	B) add " (transm	itting PAM3 symbols a	Graber, S Commen Shou Suggeste Chan	teffen <i>Type</i> E Id read as: "Power <i>dRemedy</i>	Pepperl+Fuch Comment Status D r sum alien attenuation to cro tention to alien crosstalk ratio	osstalk
"transm subscrij Proposed R PROPC	hit symbol source pt m (in italic))". (Response DSED ACCEPT. SC 190.4.9.1	" in explanatory text (line 2 Change style of w(t) in expl Response Status W	8) add " (transm anatory text to it <i>L</i> 2	itting PAM3 symbols a alic (line 28).	Graber, S Commen Shou Suggeste Chan atten	teffen <i>Type</i> E Id read as: "Power <i>dRemedy</i> ge "Power sum at	Pepperl+Fuch Comment Status D r sum alien attenuation to cro tention to alien crosstalk ratio	osstalk
"transm subscrip Proposed R PROPC C/ 190 Graber, Ste Comment T	hit symbol source pt m (in italic))". (Response DSED ACCEPT. SC 190.4.9.1 (ffen Type E	" in explanatory text (line 24 Change style of w(t) in expl Response Status W P90 Pepperl+Fuc Comment Status D	8) add " (transm anatory text to it <i>L</i> 2 hs SE	itting PAM3 symbols a calic (line 28). # <u>80</u>	Graber, S Commen Shou Suggeste Chan atten Proposed Z PRO	teffen <i>Type</i> E Id read as: "Power <i>dRemedy</i> ge "Power sum at uation to crosstalk	Pepperl+Fuch Comment Status D r sum alien attenuation to cro tention to alien crosstalk ratio ratio far-end". Response Status W	osstalk
"transm subscrij Proposed R PROPC Cl 190 Graber, Ste Comment T PMA Re	hit symbol source pt m (in italic))". Response DSED ACCEPT. SC 190.4.9.1 (ffen Type E eceive function u	" in explanatory text (line 24 Change style of w(t) in expl <i>Response Status</i> W <i>P</i> 90 Pepperl+Fuc	8) add " (transm anatory text to it <i>L2</i> hs SE eive". After "Valu	itting PAM3 symbols a calic (line 28). # <u>80</u>	Graber, S Commen Shou Suggeste Chan atten Proposed Z PRO	teffen <i>Type</i> E Id read as: "Power <i>dRemedy</i> ge "Power sum at uation to crosstalk <i>Response</i>	Pepperl+Fuch Comment Status D r sum alien attenuation to cro tention to alien crosstalk ratio ratio far-end". Response Status W	osstalk
"transm subscrip Proposed R PROPC Cl 190 Graber, Ste Comment T PMA Re	hit symbol source pt m (in italic))". (Response DSED ACCEPT. SC 190.4.9.1 SF 190.4.9.1 (ffen Type E eccive function u is specified (whi	e" in explanatory text (line 24 Change style of w(t) in expl Response Status W P90 Pepperl+Fuc Comment Status D uses a capital letter in "Rece	8) add " (transm anatory text to it <i>L2</i> hs SE eive". After "Valu	itting PAM3 symbols a calic (line 28). # <u>80</u>	Graber, S Commen Shou Suggeste Chan atten Proposed Z PRO	teffen <i>Type</i> E Id read as: "Power <i>dRemedy</i> ge "Power sum at uation to crosstalk <i>Response</i> POSED ACCEPT. <i>SC</i> 190.7.2.2	Pepperl+Fuch Comment Status D r sum alien attenuation to cro tention to alien crosstalk ratio ratio far-end". Response Status W	osstalk i o far-en
"transm subscrij Proposed R PROPC Cl 190 Graber, Ste Comment T PMA Re FALSE SuggestedF	hit symbol source pt m (in italic))". (Response DSED ACCEPT. SC 190.4.9.1 (ffen Type E eceive function unis specified (whi Remedy	e" in explanatory text (line 24 Change style of w(t) in expl Response Status W P90 Pepperl+Fuc Comment Status D uses a capital letter in "Rece	B) add " (transm anatory text to it L2 hs SE sive". After "Valu variables).	itting PAM3 symbols a calic (line 28). # <u>80</u> ues:" in line 5 TRUE and	Graber, S Commen Shou Suggeste Chan atten Proposed PRO C/ 190	teffen <i>Type</i> E Id read as: "Power <i>dRemedy</i> ge "Power sum at Jation to crosstalk <i>Response</i> POSED ACCEPT. SC 190.7.2.2 teffen	Pepperl+Fuch Comment Status D r sum alien attenuation to cro tention to alien crosstalk ratio ratio far-end". Response Status W P101	osstalk i o far-en
"transm subscrip Proposed R PROPC Cl 190 Graber, Ste Comment T PMA R FALSE SuggestedF	it symbol source pt m (in italic))". (Response DSED ACCEPT. SC 190.4.9.1 ffyn Fype E eccive function u is specified (whi Remedy e "receive" to "Re	e" in explanatory text (line 24 Change style of w(t) in expl Response Status W P90 Pepperl+Fuc Comment Status D uses a capital letter in "Rece ch is not done for all other w	B) add " (transm anatory text to it L2 hs SE sive". After "Valu variables).	itting PAM3 symbols a calic (line 28). # <u>80</u> ues:" in line 5 TRUE and	Graber, S Commen Shou Suggeste Chan atten Proposed PRO C/ 190 Graber, S Commen	teffen <i>Type</i> E Id read as: "Power <i>dRemedy</i> ge "Power sum at uation to crosstalk <i>Response</i> POSED ACCEPT. SC 190.7.2.2 teffen <i>Type</i> E	Pepperl+Fuch Comment Status D r sum alien attenuation to cro tention to alien crosstalk ratio ratio far-end". Response Status W P101 Pepperl+Fuch	o far-en
"transm subscrip Proposed R PROPC Cl 190 Graber, Ste Comment T PMA Re FALSE SuggestedF Change Proposed R	it symbol source pt m (in italic))". (Response DSED ACCEPT. SC 190.4.9.1 ffyn Fype E eccive function u is specified (whi Remedy e "receive" to "Re	e" in explanatory text (line 24 Change style of w(t) in expl Response Status W P90 Pepperl+Fuc Comment Status D uses a capital letter in "Rece ch is not done for all other v eceive". Remove "TRUE or	B) add " (transm anatory text to it L2 hs SE sive". After "Valu variables).	itting PAM3 symbols a calic (line 28). # <u>80</u> ues:" in line 5 TRUE and	Graber, S Commen Shou Suggeste Chan atten Proposed PRO C/ 190 Graber, S Commen Shou	teffen <i>Type</i> E Id read as: "Power <i>dRemedy</i> ge "Power sum at Jation to crosstalk <i>Response</i> POSED ACCEPT. <i>SC</i> 190.7.2.2 teffen <i>Type</i> E Id be "100BASE-T <i>dRemedy</i>	Pepperl+Fuch Comment Status D r sum alien attenuation to cro tention to alien crosstalk ratio ratio far-end". Response Status W P101 Pepperl+Fuch Comment Status D T1L" instead of "10BASE-T1L	o far-en
"transm subscrip Proposed R PROPC Cl 190 Graber, Ste Comment T PMA Re FALSE SuggestedF Change Proposed R	it symbol source pt m (in italic))". (Response DSED ACCEPT. SC 190.4.9.1 (ffen Type E eceive function u is specified (whi Remedy e "receive" to "Re Response	e" in explanatory text (line 24 Change style of w(t) in expl Response Status W P90 Pepperl+Fuc Comment Status D uses a capital letter in "Rece ch is not done for all other v eceive". Remove "TRUE or	B) add " (transm anatory text to it L2 hs SE sive". After "Valu variables).	itting PAM3 symbols a calic (line 28). # <u>80</u> ues:" in line 5 TRUE and	Graber, S Commen Shou Suggeste Chan atten Proposed PRO C/ 190 Graber, S Commen Shou Suggeste Chan	teffen <i>Type</i> E Id read as: "Power <i>dRemedy</i> ge "Power sum at Jation to crosstalk <i>Response</i> POSED ACCEPT. <i>SC</i> 190.7.2.2 teffen <i>Type</i> E Id be "100BASE-T <i>dRemedy</i> ge to "100BASE-T	Pepperl+Fuch <i>Comment Status</i> D r sum alien attenuation to cross tention to alien crossstalk rationation ratio far-end". <i>Response Status</i> W <i>P</i> 101 Pepperl+Fuch <i>Comment Status</i> D T1L" instead of "10BASE-T1L T1L" (2x).	o far-en
"transm subscrip Proposed R PROPC Cl 190 Graber, Ste Comment T PMA Re FALSE SuggestedF Change Proposed R	it symbol source pt m (in italic))". (Response DSED ACCEPT. SC 190.4.9.1 (ffen Type E eceive function u is specified (whi Remedy e "receive" to "Re Response	e" in explanatory text (line 24 Change style of w(t) in expl Response Status W P90 Pepperl+Fuc Comment Status D uses a capital letter in "Rece ch is not done for all other v eceive". Remove "TRUE or	B) add " (transm anatory text to it L2 hs SE sive". After "Valu variables).	itting PAM3 symbols a calic (line 28). # <u>80</u> ues:" in line 5 TRUE and	Graber, S Commen Shou Suggeste Chan atten Proposed C/ 190 Graber, S Commen Shou Suggeste Chan Broposed	teffen <i>Type</i> E Id read as: "Power <i>dRemedy</i> ge "Power sum at Jation to crosstalk <i>Response</i> POSED ACCEPT. <i>SC</i> 190.7.2.2 teffen <i>Type</i> E Id be "100BASE-T <i>dRemedy</i>	Pepperl+Fuch Comment Status D r sum alien attenuation to cro tention to alien crosstalk ratio ratio far-end". Response Status W P101 Pepperl+Fuch Comment Status D T1L" instead of "10BASE-T1L T1L" (2x). Response Status W	o far-en

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

L**3** # 87 SE ΕZ ve primary purposes instead of two two" to "five". L1 # 92 SE ΕZ stalk ratio far-end". ar-end" to "Power sum alien L**9** # 93 SE ΕZ Page 11 of 15 5/9/2025 9:12:46 AM

L25

81

ΕZ

C/ 190 SC 190.7.2.2	P101	L15	# 94	C/ 190	SC 190.7.2.1	P100	L 23	# 91
Graber, Steffen	Pepperl+Fuch	is SE		Graber, St	teffen	Pepperl+Fucl	hs SE	
Comment Type E C	omment Status D		EZ	Comment	Туре Е	Comment Status D		Link Segment
Some wording does not fit.				The IL	is in dB, thus al	so the number, which is subt	racted should be	e in dB.
SuggestedRemedy				Suggestee	dRemedy			
Suggest to change " segn	nent. PSAACRF over	" to " segmen	t over".	00	0	20MHz -16" to "IL20MHz - 16		•
Proposed Response Re	sponse Status W				0	"IL20MHz - 21" to "IL20MHz page 101, lines 28 and 31 ac	``	ne 25). Change also the
PROPOSED ACCEPT.					Response	Response Status W	bordingly.	
C/ 190 SC 190.3.5.2	P 75	L12	# 55	, PROF	, POSED ACCEPT		easured insertio	n loss at 20 MHz in dB"
Graber, Steffen	Pepperl+Fuch	is SE			.	,		
· · · //·· =	omment Status D		Infofield	C/ 45	SC 45.2.1.25		L 20	# 18
The info field is 12 octets, 24	1 nibbles long, thus the	last code group	of the info field should	Graber, St	teffen	Pepperl+Fucl	hs SE	
be 503 instead of 508.				Comment	51	Comment Status D		PMA Electrica
SuggestedRemedy Change code group number	508 to code group num	ber 503 in figur	e 190-8.			transmit amplitude is set us nplitude in test mode.	ing Auto-Negotia	ation, thus this bit only
Proposed Response Re	sponse Status W			Suggestee	dRemedy			
PROPOSED ACCEPT IN PI	, RINCIPLE.			Chang	ge "operating mo	de" to "test mode transmit vo	oltage amplitude"	
TFTD - review after infofield	training edits.			Proposed	Response	Response Status W		
C/ 190 SC 190.7.1.4 Graber, Steffen	P 99 Pepperl+Fuch	L4	# 90	-	POSED ACCEPT ed to AutoNeg	IN PRINCIPLE.		
	omment Status D	15 OL	Link Segment	C/ 45	SC 45.2.1.25	1.3 P29	L14	# 19
Currently only one TCL spec		rom the noise er	0	Graber, St	teffen	Pepperl+Fucl	hs SE	
SuggestedRemedy	,,			Comment		Comment Status D		PMA Electrica
Suggest to remove "and dep	ends on the electromac	anetic noise env	ironment".		51	g the transmit amplitude in te	est mode, not du	
	esponse Status W	,		Suggestee	dRemedv			
PROPOSED ACCEPT IN PI TFTD	,			Chang amplit Vpp ir	ge text in paragra tude. If bit 1.2318 n test mode. If bit	ph to: "Bit 1.2318.12 is used .12 is set to one, the PHY sh 1.2318.12 is set to zero, the e. The default value of bit 1.2	nall provide a trai PHY shall provi	nsmit amplitude of 2.4
				•	Response	Response Status W		
				PROF	POSED ACCEPT	IN PRINCIPLE.		

PROPOSED ACCEPT IN PRINCIPLE. TFTD - related to autoneg.

C/ 190	SC 190.4.2	P 86	L 35	# 67	C/ 190	SC 190.2	.2	P 47	L 24	# 34
Graber, Stef	fen	Pepperl+Fuchs	s SE		Graber, Ste	ffen		Pepperl+Fuc	hs SE	
Comment Type T Comment Status D PMA Electrical					Comment T	ype E	Comm	nent Status D		Primitives
-53 dBm is a very small power value. Likely -40 dBm for a disabled transmitter could be easier to measure, especially, if the PHY IC is in another circuit.					"PMA_RXINFOFRAMEEND.request" should be "PMA_RXINFOFRAME.request".					
	· ·	ecially, if the PHY IC is in and	ther circuit.		SuggestedF	Remedy				
SuggestedR					0	"PMA_RX	INFOFRAME	END.request" to "P	MA_RXINFOFR	AME.request" in figure
00	U	0 dBm and replace comma a	at the end of the	e sentence by a dot.	190-3.					
Proposed Response Response Status W					Proposed Response Response Status W					
PROPO TFTD	SED ACCEPT I	N PRINCIPLE.			PROPC	SED ACCE	EPT.			
C/ 90	SC 90.2.1.2	P 46	L 4	# 32	C/ 190	SC 190.2	.2.2.3	P 48	L 52	# 36
			-	# 32	Graber, Ste	ffen		Pepperl+Fuc	hs SE	
Graber, Steffen Pepperl+Fuchs SE				Comment T	ype E	Comm	nent Status D		Primitives	
Comment Ty		Comment Status D on primitive informs the PCS	and AN The D	Primitives	"PMA_1	XMODE.in	dication(tx_m	ode)" is an indicati	on.	
		unication using this primitive		If Control is already in	SuggestedF	Remedy				
SuggestedR	Remedy		·		Sugges	t to change	"assumed" to	"indicated".		
Remove ", the PHY Control function," from text.					Proposed Response Response Status W					
Proposed R	esponse	Response Status W			PROPC	SED ACCE	EPT.			
PROPO	SED ACCEPT.				C/ 190	SC 190.3	1	P56	L 49	# 8
Link_status does not appear in the PHY Control state diagram. Consider after any edits to								Pepperl+Fuc		# 0
PHY Co	ontrol.				Graber, Ste Comment T		Comm	peppen+ruc	IIS SE	Pagiatora
C/ 190	SC 190.2.2	P 46	L 28	# 33					280	Registers
Graber, Stef	ifen	Pepperl+Fuchs	s SE		The PCS Control Register for 100BASE-T1L is 3.2280.					
Comment Type T Comment Status D Primitives					SuggestedRemedy Change register 3.2400.15 to 3.2280.15.					
	_	dication(link_status)" is also	communicated	across the PMA service	U	0				
	e to the PCS.				Proposed R		,	nse Status W		
SuggestedRemedy Add "PMA_LINK.indication(link_status)" primitive to the list and also ""PMA_LINK.indication" to figure 190-3 with an arrow from PMA to PCS.					PROPOSED ACCEPT IN PRINCIPLE. TFTD with Registers contribution					
		-	Trom Pina to F	68.						
Proposed R		Response Status W								
PROPO	SED ACCEPT.									

190 SC 190.3.5.2.3 P77 L1 # 58	C/ 190 SC 190.3.2 P57 L7 # 9					
aber, Steffen Pepperl+Fuchs SE	Graber, Steffen Pepperl+Fuchs SE					
mment Type E Comment Status D Registe	Comment Type T Comment Status D State Diagram					
Register bits" 3.2405.0, 3.2405.1 and 3.2405.2" need to be changed to "3.2283.0 and	State diagram for Transmission Enable function is missing. SuggestedRemedy					
3.2283.1".						
ggestedRemedy	Copy diagram from figure 146-4 and change reference in line 4 to the new figure number					
Change register bits" 3.2405.0, 3.2405.1 and 3.2405.2" to "3.2283.0 and 3.2283.1". Also change "Oct10<0>, Oct10<1> and Oct10 <2>" to "Oct10<0> and Oct10<1>".	after inserting the content.					
poposed Response Response Status W	Proposed Response Response Status W					
PROPOSED ACCEPT IN PRINCIPLE.	PROPOSED ACCEPT IN PRINCIPLE. TFTD with discussion on PCS					
Review after Registers contribution						
190 SC 190.4.4.1 <i>P</i> 87 <i>L</i> 31 # 73	C/ 190 SC 190.4.9.1 P89 L49 # 79					
aber, Steffen Pepperl+Fuchs SE	Graber, Steffen Pepperl+Fuchs SE					
mment Type E Comment Status D Registe	Comment Type E Comment Status D State Diagram					
The transmit disable register bit is in 1.2318.14, the receive fault register bit is in 1.2319.1	Definition of loc_rcvr_status is missing.					
ggestedRemedy	SuggestedRemedy					
Change transmit disable register bit to 1.2318.14 and receive fault register bit to 1.2319.1.	Add "loc_rcvr_status (new line) Parameter set by the PHY Control function and communicated through the					
It also should be discussed, if clause 190.4.4.1 is needed or not (as the information is	PMA_RXSTATUS.indication primitive. See 190.2.2.8." after loc_phy_ready.					
redundant to specifications in clause 45).	Proposed Response Response Status W					
popsed Response Response Status W	PROPOSED ACCEPT.					
PROPOSED ACCEPT IN PRINCIPLE. Consider after any register changes	C/ 190 SC 190.4.9.3 P92 L40 # 82					
	Graber, Steffen Pepperl+Fuchs SE					
190 SC 190.2.2.11.1 <i>P</i> 52 <i>L</i> 45 # <u>3</u>	Comment Type T Comment Status D State Diagran					
aber, Steffen Pepperl+Fuchs SE	In the condition at the output of PAM2_TPAINING_WAIT (to INFO_EXCHANGE state), it					
mment Type T Comment Status D Remote Fa	seems, that an and condition at the end of the first line is missing, it also seems, that the					
A TOCT /R/ symbol is not defined in table 190-3, /l/ and /lx/ are representing idle. In case /R/ is not needed (as it seems to be the case), please remove /R/ from list, alternatively,	second part of condition should reference the LEADER PYH and not the FOLLOWER PHY					
add $/R$ to table 190-3 (and state machines).	SuggestedRemedy					
ggestedRemedy	Change condition to: "loc_rcvr_status = OK * ((config = LEADER * rem_rcvr_status = OK)					
Suggest to change to: " each of which is either /l/ or /lx/ as specified in 190.3.3.4.",	+ (config = FOLLOWER * rx_info_frame))"					
besides /R/ symbol is used for some relevant purpose. See also clause 190.2.2.13.1 on	Proposed Response Response Status W					
page 54, line 14.	PROPOSED ACCEPT. (this seems like a typo)					
pposed Response Response Status W PROPOSED ACCEPT IN PRINCIPLE.						

C/ 190	SC 190.4.9.3	P 93	L19	# 83
Graber, St	effen	Pepperl+F	Fuchs SE	
Comment	Туре Т	Comment Status D		State Diagrams
LINK F get stu link up (but th the fai state r	FAIL state in case luck in case loc_rc timer of AN woul en also the other lure scenario loca nachine), it may n	DT_READY and PAM3_ the loc_rcvr_status = N vr_status gets false duri d restart the PHY. If this branches to LINK FAIL Ily in PHY Control (and nake sense to add branc LE_NOT_READY and P	OT_OK. Therefore ng PAM3_TUNING is the intention, we would likely not be also faster than wa ches to LINK FAIL	the state machine can b. In this case likely the e would keep it like it is necessary). To handle iting for AN to restart the state if loc_rcvr_status
Suggested	Remedy			
		s to LINK FAIL state, if ADY and PAM3_TUNING		IOT_OK to
Proposed	Response	Response Status W		
	OSED ACCEPT I Discussion need			
C/ 190	SC 190.4.9.3	P 94	L14	# 84
Graber, St	effen	Pepperl+F	Fuchs SE	
Comment	Туре Т	Comment Status D		State Diagrams
signali				s in the far end PHY normal operation (state
Suggested	Remedy			
Chang	je "rem_phy_idle"	to "rem_phy_ready".		
Proposed	Response	Response Status W		
PROP	OSED ACCEPT.	,		
(see c	urran_3dg_01a_0	1202025.pdf slide 33)		
C/ 190	SC 190.4.9.3	P 94	L 20	# 85
Graber, St	effen	Pepperl+F	Fuchs SE	
Comment	Туре Т	Comment Status D		State Diagrams
	er loc_rcvr_status ed (LINK_FAIL st	= NOT_OK or pma_refr ate).	esh_status = FAIL,	, the link should be
Suggested	Remedy			
Chang	ge "and (*)" to "or	(+)" condition.		
Proposed	Response	Response Status W		
-	OSED ACCEPT. urran_3dg_01a_0	1202025.pdf slide 33)		
-	-	. ,		
			GR/general require	

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