~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~							
C/FM SCFM	P1	L 28	# 13	C/FM SC FM	P 9	L 19	# 46
Hajduczenia, Marek	Charter Com	munications		Grow,Robert	RMG Consu	Iting	
Comment Type E	Comment Status D		EZ	Comment Type E	Comment Status D		E
	veen numeric value and units i	n "2.5 Gb/s, 5Gb/	s, 10Gb/s, 25 Gb/s and	P802.3 has changed	d capitalization of Ethertype to B	EtherType per cur	rrent RAC preference.
50 Gb/s"				SuggestedRemedy			
SuggestedRemedy				"EtherType"			
Add missing spaces				Proposed Response	Response Status W		
Proposed Response PROPOSED ACCEP	Response Status <b>W</b> T.			PROPOSED ACCEI	1		
C/FM SC FM	P1	L 29	# 10	C/FM SC FM	P 10	L <b>39</b>	# 47
	-		# 10	Grow,Robert	RMG Consu	lting	
Hajduczenia, Marek	Charter Com	imunications		Comment Type E	Comment Status D		E
Comment Type E	Comment Status D		EZ	The Section Nine de	escription was modified during F	802.3 balloting.	
"Draft D2.0 is prepare	ed for Task Force review"			SuggestedRemedy			
SuggestedRemedy					ncy with P802.3/D3.2.		
Likely for initial Worki recirculation"	ing Group review. Next versior	ns should say "wo	rking Group ballot	Proposed Response	Response Status W		
				PROPOSED ACCER	, PT		
Proposed Response	Response Status W			PROPOSED ACCER	PT.		
	,			PROPOSED ACCER	РТ. Р <b>0</b>	LO	# [7
Proposed Response	,	L 15	# 45			LO	# [7
Proposed Response PROPOSED ACCEP	, Т.		# 45	C/ 00 SC 0	P <b>0</b>	LO	# [ <u>7</u>
Proposed Response PROPOSED ACCEP Cl FM SC FM Grow,Robert Comment Type E	PT. P7 RMG Consul Comment Status D		# <u>45</u> EZ	C/ 00 SC 0 Brown, Matt Comment Type E Throughout the draft	Р <b>0</b> Huawei	the year for unar	E pproved standards is
Proposed Response PROPOSED ACCEP C/ FM SC FM Grow,Robert Comment Type E WG ballot group is no	PT. P7 RMG Consul Comment Status D			C/ 00 SC 0 Brown, Matt Comment Type E Throughout the draft	P 0 Huawei <i>Comment Status</i> D t when listing an IEEE standard	the year for unar	E pproved standards is
Proposed Response PROPOSED ACCEP C/ FM SC FM Grow,Robert Comment Type E WG ballot group is no SuggestedRemedy	PT. P7 RMG Consul Comment Status D			Cl 00 SC 0 Brown, Matt Comment Type E Throughout the draft inconsistent. The dra SuggestedRemedy	P 0 Huawei Comment Status D It when listing an IEEE standard aft template uses 202x whereas h "202x" throughout this draft. F	the year for unap s inserted text in t	E pproved standards is his draft uses 20XX.
Proposed Response PROPOSED ACCEP C/ FM SC FM Grow,Robert Comment Type E WG ballot group is no SuggestedRemedy	PT. P <b>7</b> RMG Consul <i>Comment Status</i> <b>D</b> ow known.			Cl 00 SC 0 Brown, Matt Comment Type E Throughout the draft inconsistent. The dra SuggestedRemedy Replace "20XX" with	P 0 Huawei Comment Status D It when listing an IEEE standard aft template uses 202x whereas h "202x" throughout this draft. F	the year for unap s inserted text in t	E pproved standards is his draft uses 20XX.

C/ 00 SC 0

C/00 SC 0	P106	1	# 21		C/ 45	SC 45.2.1	P 29	L 25	# 16
Hayashi,Takehiro	HAT Labs	L			Hajduczenia			nmunications	" 10
Comment Type E The order of Figure 166	Comment Status D			EZ	Comment Ty Wrong e	/pe ER editorial marku	Comment Status D p in Table 45–3. "1.73" shou		E. also no nedd for
SuggestedRemedy correct the position of fi	gures.						p in Table 45–3. "902" shoul 5-3 instances.	d be underlined.	
Proposed Response PROPOSED ACCEPT.	Response Status W				<i>SuggestedR</i> Please f	<i>emedy</i> ix the editorial	issues		
C/ 1 SC 1.3 Hajduczenia, Marek	P <b>20</b> Charter Comr	L4	# 15		Proposed Ro PROPO	esponse SED ACCEPT	Response Status W		
Comment Type E	Comment Status D	nunications		EZ	C/ <b>45</b>	SC 45.2.1	P 29	L 25	# 68
No new normative refer	rences				Grow,Rober	t	RMG Consu	Ilting	
SuggestedRemedy Remove subclause 1.3					Comment Ty Change and 38.		<i>Comment Status</i> <b>D</b> /inconsistency. Make style o	f change marking	E. the same on rows 25
Proposed Response PROPOSED ACCEPT.	Response Status W				SuggestedR	emedy			
C/ 44 SC 44.1.4.4	P 28	L9	# 67				l space after "1.72, " also "1. ugh 1.901 followed by under		lerlined. Make line 38
Grow.Robert	RMG Consult	-			Proposed R		Response Status W		
Comment Type E	Comment Status D			EZ	PROPO	SED ACCEPT			
Base text error.					C/ <b>45</b>	SC 45.2.1.1	58a.1 <i>P</i> 31	L 27	# 137
SuggestedRemedy					Pérez-Arano	da, Rubén	KDPOF		
9	' belongs after "Clause 68,".				Comment Ty	/pe ER	Comment Status D		E
Proposed Response	Response Status W				Indicatio	on of 10GBASE	E-AU encoding is not consist	ent with others.	
PROPOSED ACCEPT.					SuggestedR	emedy			
							bits are set to 0010, the mod set to 0b0010, the mode of op		
					Proposed Ro PROPO	e <i>sponse</i> SED ACCEPT	Response Status W		

C/ 45 SC 45.2.1.158a.1

z-Aranda, Rubén       KDPOF         ment Type       TR       Comment Status       D       EZ         rest pattern for stressed receiver sensitivity measurement is not a valid test pattern for a 'HY. This test pattern is intended to be generated by an external test equipment calibrated or generate a signal conditioned for receiver stressed sensitivity.       EZ         restedRemedy       Remove 1 1 0 assignment of table 45–313c       Seed Response       Response Status       W         recover Development Calibrated       P36       L 11       # [139]	Slavick, Jeff       Broadcom         Comment Type       T       Comment Status       D         Short a 0.       SuggestedRemedy       Updated the 0b00 to 0b000 inside the paranthesis of the last sentence.         Proposed Response       Response Status       W         PROPOSED ACCEPT.       D	EZ
The stress of the stress of the second stress of the stres	Short a 0. SuggestedRemedy Updated the 0b00 to 0b000 inside the paranthesis of the last sentence. Proposed Response Response Status W PROPOSED ACCEPT.	EZ
PHY. This test pattern is intended to be generated by an external test equipment calibrated by generate a signal conditioned for receiver stressed sensitivity.         estedRemedy         Remove 1 1 0 assignment of table 45–313c         by been by the stressed sensitivity.         ested Response         Response Status         PROPOSED ACCEPT.	SuggestedRemedy         Updated the 0b00 to 0b000 inside the paranthesis of the last sentence.         Proposed Response       Response Status         PROPOSED ACCEPT.	
b generate a signal conditioned for receiver stressed sensitivity. estedRemedy Remove 1 1 0 assignment of table 45–313c based Response Response Status W PROPOSED ACCEPT.	Updated the 0b00 to 0b000 inside the paranthesis of the last sentence. Proposed Response Response Status W PROPOSED ACCEPT.	
estedRemedy Remove 1 1 0 assignment of table 45–313c osed Response Response Status W PROPOSED ACCEPT.	Proposed Response Response Status W PROPOSED ACCEPT.	
Remove 1 1 0 assignment of table 45–313c osed Response Response Status W PROPOSED ACCEPT.	PROPOSED ACCEPT.	
osed Response Response Status W PROPOSED ACCEPT.		
ROPOSED ACCEPT.		
	C/ 45 SC 45.2.3.87c.3 P36 L23 #	240
	Slavick, Jeff Broadcom	
z-Aranda. Rubén KDPOF	Comment Type T Comment Status D	EZ
nent Type TR Comment Status D EZ	The BASE-U OAM ability reference should be to its sub-clause	
First rype and comment status b rest pattern for stressed receiver sensitivity measurement is not a valid test pattern for a PHY. This test pattern is intended to be generated by an external test equipment calibrated by generate a signal conditioned for receiver stressed sensitivity.	SuggestedRemedy Change "bit 3.2349.1 = 0, see Table 45-313d" to "see 45.2.3.87d.13" Proposed Response Response Status <b>W</b>	
estedRemedy	PROPOSED ACCEPT.	
Remove "A value 0b110 in bits 3.2348.15:13 shall select the test pattern for stressed		
eceiver sensitivity measurement transmission as specified in Table 45–313c with behavior s specified in 166.5.6."	CI 45 SC 45.2.3.87c.4 P 36 L 32 #	241
osed Response Response Status W	Slavick, Jeff Broadcom	
PROPOSED ACCEPT.	Comment Type T Comment Status D The EEE ability reference should be to its sub-clause	EZ
SC 45.2.3.87c.2 P36 L18 # 140	SuggestedRemedy	
z-Aranda, Rubén KDPOF	Change "bit 3.2349.0 = 0, see Table 45-313d" to "see 45.2.3.87d.14"	
nent Type ER Comment Status D EZ	Proposed Response Response Status W	
alue assignation not consistent with number of bits	PROPOSED ACCEPT.	
	C/ 45 SC 45.2.3.87h P40 L27 #	142
Change "0b00 is selected in 3.2348.15:13" with "0b000 is selected in 3.2348.15:13"	Pérez-Aranda, Rubén KDPOF	
osed Response Response Status W	Comment Type ER Comment Status D	EZ
ROPOSED ACCEPT.	Definition of RS-FEC codeword error counter bits should be in a sub-section "4 RS-FEC codeword error counter (3.2353.15:0)"	5.2.3.87h.1
	SuggestedRemedy	
	Per comment	
	Proposed Response Response Status W	
	PROPOSED ACCEPT.	

COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SC 45.2.3.87h 11/05/2022 18:42:18 SORT ORDER: Clause, Subclause, page, line

CI 78	SC 78.5	P 45	L 9	# 263		C/ 105	SC 105.2
Ran, Adee	e	Cisco				Ran, Adee	9
Comment	Туре Е	Comment Status D			EZ	Comment	Туре Е
	le 78-4, the new <i>i</i> er PHYs over opti	AU PHY types are intended to ical media.	o support only fa	ast wake LPI, simi	lar to		105-2 looks wider it fit the boundaries
fast wa	ake, 40GBASE-R	ble 78-4 which use fast wake fast wake, 50GBASE-R fast e, and 400GBASE-R fast wak	wake, 100GBA		SE-R	Suggested	,
Suggested	Remedy						je column widths ir
Add "f	ast wake" in the "	PHY or interface type" colum	n of the new P⊦	lYs.		Proposed I	•
Proposed	Response	Response Status W				PROP	OSED ACCEPT.
PROP	OSED ACCEPT.					C/ 105	SC 105.2
C/ 105	SC 105	P46	L 10	# 71		Brown, Ma	att
Grow,Rob		RMG Consult	ina			Comment	Туре Е
Comment		Comment Status D			EZ	Table	105-2 extended be
	51	igned an amendment numbe	r. it miaht be he	lpful to add to the		Suggested	lRemedy
Unless becau	s P802.3cz is ass se of the significa	igned an amendment numbe nt overlap in things edited by				Reduc	<i>IRemedy</i> e the the column v argins).
Unless becau Suggested Add: I	s P802.3cz is ass se of the significa <i>Remedy</i> Please note that F		P802.3cy and l e 105 in similar	P802.3cz. locations to those	note	Reduc the ma Proposed I	e the the column v argins).
Unless becau Suggested Add: I below.	s P802.3cz is ass se of the significa <i>Remedy</i> Please note that P . This draft assum	nt overlap in things edited by P802.3cy also modifies claus	P802.3cy and l e 105 in similar	P802.3cz. locations to those	note	Reduc the ma Proposed I PROP	e the the column v argins). Response OSED ACCEPT.
Unless becau Suggested Add: I below. Proposed	s P802.3cz is ass se of the significa <i>Remedy</i> Please note that P . This draft assum	nt overlap in things edited by P802.3cy also modifies claus nes P802.3cz will preceed P8	P802.3cy and l e 105 in similar	P802.3cz. locations to those	note	Reduc the ma Proposed I PROP Cl 131	e the the column v argins). Response
Unless becau Suggested Add: I below. Proposed	s P802.3cz is ass se of the significa <i>IRemedy</i> Please note that F . This draft assun <i>Response</i>	nt overlap in things edited by P802.3cy also modifies claus nes P802.3cz will preceed P8	P802.3cy and l e 105 in similar	P802.3cz. locations to those	note	Reduc the ma Proposed I PROP Cl 131	the the column vargins). Response OSED ACCEPT. SC 131.1.3 nda, Rubén
Unless becau Suggested Add: I below. Proposed PROP C/ 105	S P802.3cz is ass se of the significa <i>Remedy</i> Please note that F . This draft assun <i>Response</i> POSED ACCEPT. SC <b>105.1.3</b>	nt overlap in things edited by P802.3cy also modifies claus nes P802.3cz will preceed P8 <i>Response Status</i> <b>W</b>	P802.3cy and l e 105 in similar 302.3cy in amer <i>L</i> <b>8</b>	P802.3cz. locations to those idment order.	note	Reduc the ma Proposed I PROP C/ 131 Pérez-Ara Comment	the the column vargins). Response OSED ACCEPT. SC 131.1.3 nda, Rubén
Unless becau Suggested Add: I below. Proposed PROP C/ 105 Hajduczer	s P802.3cz is ass se of the significa <i>IRemedy</i> Please note that F . This draft assun <i>Response</i> POSED ACCEPT. SC <b>105.1.3</b> nia, Marek	P802.3cy also modifies claus nes P802.3cz will preceed P8 <i>Response Status</i> <b>W</b> <i>P</i> <b>105</b>	P802.3cy and l e 105 in similar 302.3cy in amer <i>L</i> <b>8</b>	P802.3cz. locations to those idment order.	note	Reduc the ma Proposed / PROP C/ 131 Pérez-Ara Comment 64/65E	e the the column v argins). Response OSED ACCEPT. SC 131.1.3 nda, Rubén Type ER 3 is not correct end
Unless becau Suggested Add: I below. Proposed PROP C/ 105 Hajduczer Comment Table	s P802.3cz is ass se of the significa <i>IRemedy</i> Please note that F . This draft assum <i>Response</i> POSED ACCEPT. SC <b>105.1.3</b> nia, Marek <i>Type</i> <b>ER</b> 105-1 shows inse	NT overlap in things edited by P802.3cy also modifies claus nes P802.3cz will preceed P8 <i>Response Status</i> <b>W</b> <i>P</i> 105 Charter Comr	P802.3cy and l e 105 in similar 302.3cy in amer <i>L</i> 8 nunications	P802.3cz. locations to those idment order. # 17	note	Reduc the ma Proposed / PROP C/ 131 Pérez-Ara Comment 64/65E Suggested Replac	the the column vargins). Response OSED ACCEPT. SC 131.1.3 nda, Rubén Type ER 3 is not correct end (Remedy ce "50 Gb/s PHY u
Unless becau Suggested Add: I below. Proposed PROP Cl 105 Hajduczer Comment Table	s P802.3cz is ass se of the significa <i>Remedy</i> Please note that F . This draft assun <i>Response</i> POSED ACCEPT. SC <b>105.1.3</b> hia, Marek <i>Type</i> <b>ER</b> 105-1 shows inse 105-2 shows inse	P802.3cy also modifies claus nes P802.3cz will preceed P8 <i>Response Status</i> W <i>P</i> 105 Charter Comr <i>Comment Status</i> D erted row but also includes ur	P802.3cy and l e 105 in similar 302.3cy in amer <i>L</i> 8 nunications	P802.3cz. locations to those idment order. # 17	note	Reduc the ma Proposed / PROP C/ 131 Pérez-Ara Comment 64/65E Suggested Replac	the the column vargins). Response OSED ACCEPT. SC 131.1.3 nda, Rubén Type ER 3 is not correct end (Remedy ce "50 Gb/s PHY u 64B/65B and Reed
Unless becau Suggested Add: I below. Proposed PROP Cl 105 Hajduczer Comment Table Table Suggested Delete any ot	s P802.3cz is ass se of the significa <i>iRemedy</i> Please note that F . This draft assum <i>Response</i> POSED ACCEPT. SC <b>105.1.3</b> hia, Marek <i>Type</i> <b>ER</b> 105-1 shows inse 105-2 shows inse <i>iRemedy</i> a unchanged rows	P802.3cy also modifies claus nes P802.3cz will preceed P8 Response Status W P105 Charter Comm Comment Status D erted row but also includes ur erted columns but also includes ur	P802.3cy and l e 105 in similar 302.3cy in amer <i>L</i> 8 nunications achanged rows es unchanged c	9802.3cz. locations to those idment order. # <u>17</u> olumns from Table 105-2,	note EZ and	Reduc the ma Proposed I PROP Cl 131 Pérez-Ara Comment 64/65E Suggested Replac using (	the the column vargins). Response OSED ACCEPT. SC 131.1.3 nda, Rubén Type ER 3 is not correct end (Remedy ce "50 Gb/s PHY u 64B/65B and Reed
Unless becau Suggested Add: I below. Proposed PROP Cl 105 Hajduczer Comment Table Table Suggested Delete any ot	s P802.3cz is ass se of the significa <i>IRemedy</i> Please note that F . This draft assum <i>Response</i> POSED ACCEPT. SC 105.1.3 nia, Marek <i>Type</i> ER 105-1 shows inse 105-2 shows inse <i>IRemedy</i> e unchanged rows her tables that co al instructions acc	P802.3cy also modifies claus nes P802.3cz will preceed P8 Response Status W P105 Charter Comm Comment Status D erted row but also includes ur erted columns but also includes ur	P802.3cy and l e 105 in similar 302.3cy in amer <i>L</i> 8 nunications achanged rows es unchanged c	9802.3cz. locations to those idment order. # <u>17</u> olumns from Table 105-2,	note EZ and	Reduc the ma Proposed I PROP Cl 131 Pérez-Ara Comment 64/65E Suggested Replac using (	the the column vargins). Response OSED ACCEPT. SC 131.1.3 nda, Rubén Type ER 3 is not correct end IRemedy ce "50 Gb/s PHY u 64B/65B and Reed Response

		P <b>49</b>	L <b>5</b>	# 265
Ran, Adee		Cisco		
Comment	Туре Е	Comment Status D		
		er than the usual text boundar ies as in all other tables.	ries. Its columns	can be narrowed to
Similar	ly in Table 125-	2 (page 55), and possibly oth	er tables in this d	raft.
Suggested	Remedy			
Chang	e column widths	in all tables that exceed the	boundaries as ne	ecessary.
Proposed I PROP	Response OSED ACCEPT	Response Status W		
C/ 105	SC 105.2	P 49	L <b>6</b>	# 4
Brown, Ma	tt	Huawei		
Comment	Туре Е	Comment Status D		
Table	105-2 extended	beyond the text boundaries o	n left and right.	
Suggested Reduc		n widths so that the table falls	withing the text I	ooundaries (outside of
the ma	rgins).		Ū	
Proposed I	rgins).	Response Status W	U U	
Proposed I	rgins). Response	Response Status W	L 32	# [131
Proposed I PROP Cl 131	rgins). Response OSED ACCEPT	Response Status W		# [131
Proposed I PROP C/ 131 Pérez-Arai	rgins). Response OSED ACCEPT SC <b>131.1.3</b> nda, Rubén	Response Status W		
Proposed I PROP Cl <b>131</b> Pérez-Arai Comment	rgins). Response OSED ACCEPT SC <b>131.1.3</b> nda, Rubén <i>Type</i> <b>ER</b>	Response Status W P 58 KDPOF		# [131
Proposed I PROP Cl <b>131</b> Pérez-Arai Comment	rgins). Response OSED ACCEPT SC 131.1.3 nda, Rubén Type ER B is not correct e	Response Status W P 58 KDPOF Comment Status D		
Proposed I PROPO Cl 131 Pérez-Aran Comment 64/65E Suggested Replac	rgins). Response OSED ACCEPT SC 131.1.3 nda, Rubén Type ER B is not correct e Remedy ce "50 Gb/s PHY	Response Status W P 58 KDPOF Comment Status D	L 32	

C/ 131 SC 131.1.3

C/ 166 SC 166.13	P136	L 15	# 202		C/ 166	SC 166.1.4	P 64	L 36	# 8
Pérez-Aranda, Rubén	KDPOF		-		Lusted, Ken	t	Intel Corpo	ration	
Comment Type TR	Comment Status D			EZ	Comment T	/pe ER	Comment Status D		EZ
Add two rows to Table	166–21 to include mapping o	f pcs_reset varia	ble.		the nom	inal Baud rates	for the 2.5G, 5G, 10G, 25	G, and 50G rates a	are specified in MBd,
SuggestedRemedy							ates are in the multi-gigabi of thousands MBd when G		
Add row, "Reset = 1, P	CS control 1, 3.0.15, pcs_res	et = TRUE". Add	row "Reset = 0, P0	CS			of thousands when G		
control 1, 3.0.15, pcs_r	eset = FALSE"				SuggestedR	-	ofor 2.5GBASE-AU, 5GBA	SE-ALL 10GBASE	ALL 25GBASE-ALL and
Proposed Response	Response Status W						Id units to GBd units.		
PROPOSED ACCEPT.					Proposed R	esponse	Response Status W		
C/ 166 SC 166.1.4	P 63	L 33	# 244		PROPO	SED ACCEPT			
Dawe, Piers	Nvidia				C/ 166	SC 166.1.4	P65	L 18	# 147
Comment Type E	Comment Status D			ΕZ	Pérez-Arano		KDPOF	•	
fiber.The					Comment Ty	,	Comment Status D		EZ
SuggestedRemedy fiber. The					Interface	es of PCS with	PMA are in form of bits, ins IA, TX and RX functions, re		
Proposed Response	Response Status W				SuggestedR	emedy			
PROPOSED ACCEPT.					Replace bits".	"transmit sym	ools" with "transmit bits", ar	d replace "receive	symbols" with "receive
C/ 166 SC 166.1.4	P 64	L <b>3</b>	# 145		Proposed R	esponse	Response Status W		
Pérez-Aranda, Rubén	KDPOF				PROPO	SED ACCEPT			
Comment Type ER Incorrect reference.	Comment Status D			EZ	C/ 166	SC 166.2.1	P 66	L <b>42</b>	# 172
SuggestedRemedy					Pérez-Arano	,	KDPOF		
Replace "(see 166.2.2.	9)" with "(see 166.2.2.8)"				Comment Ty	•	Comment Status D e to 166.2.2.8 instead of 16	xe a a aa	EZ
Proposed Response	Response Status 🛛 🛛 🛛 🛛 🛛 🖉						e to 100.2.2.0 Instead of 10	0.2.2.9?	
PROPOSED ACCEPT.					SuggestedR	•	ference according to comm	ont	
C/ 166 SC 166.1.4	P 64	L 26	# 146		Proposed R		0	ent.	
Pérez-Aranda, Rubén	KDPOF				,	SED ACCEPT	Response Status W		
Comment Type ER	Comment Status D			EZ					
• •	clause where EEE operation	of BASE-AU PH	Y is defined.						
SuggestedRemedy									
	peration is specified in 166.4.	"							
Proposed Response	Response Status W								
PROPOSED ACCEPT.	, d ER/editorial required GR/o	neneral required	T/technical E/edit	torial G/gen	oral			166	Page 5 of 25

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

11/05/2022 18:42:18

C/ 166 SC 166.2.1	P 67	L7	# 173		C/ 166 SC 166.2.2.1.2	P70	L <b>2</b>	# 176
Pérez-Aranda, Rubén	KDPOF				Pérez-Aranda, Rubén	KDPOF		
Comment Type ER 65B/64B code is not def	Comment Status <b>D</b> ined.			EZ	Comment Type ER Comme The use of term parity may result of used.	nt Status <b>D</b> onfuse in this con	itext, when cyclic	E2 c redundancy check is
SuggestedRemedy Replace "65B/64B deco	ding" with "64B/65B decoding	ז"			SuggestedRemedy			
Proposed Response PROPOSED ACCEPT.	Response Status W	, -			Change "followed by the resulting PHD and the parity bits" with "follow the concatenation of the PHD and	ved by the resultin	ng 16-bit redunda	
C/ 166 SC 166.2.1 Pérez-Aranda, Rubén	<i>Р</i> 67 КDPOF	L17	# 174		Proposed Response Respons PROPOSED ACCEPT.	e Status W		
Comment Type E	Comment Status D			EZ	C/ 166 SC 166.2.2.1.2	P70	L <b>5</b>	# 177
Should not be reference	to 166.2.2.8 instead of 166.2	2.2.9?			Pérez-Aranda, Rubén	KDPOF		
SuggestedRemedy Replace by the right refe Proposed Response	erence according to comment Response Status W	t.			Comment Type ER Comme The use of term parity may result o used.	nt Status <b>D</b> onfuse in this con	ntext, when cyclic	E2 c redundancy check is
PROPOSED ACCEPT.	Response Status W				SuggestedRemedy Replace "the PHD and the parity b	ts" with "the PHD	and the redunda	ancy bits"
Cl <b>166</b> SC <b>166.2.2.1.</b> Pérez-Aranda, Rubén	1 <i>P</i> 69 KDPOF	L 19	# 175		Proposed Response Response PROPOSED ACCEPT.	e Status W		
Comment Type ER There is only one filed P	Comment Status <b>D</b> PHD.TX.NEXT.*, which is PHI	TX NEXT MODE		EZ	C/ 166 SC 166.2.2.5	P <b>74</b>	L7	# 178
					Pérez-Aranda, Rubén	KDPOF		
	.*" with "PHD.TX.NEXT.MOD	)E".				nt Status D		EZ
					Figure 166–9 may be confuse, bec the shift register are depicted conti			
SuggestedRemedy Change "PHD.TX.NEXT Proposed Response	Response Status W							
Change "PHD.TX.NEXT					SuggestedRemedy			
Change "PHD.TX.NEXT Proposed Response					<b>.</b> .			

C/ 166 SC 166.2.2.5

C/ 166 S	SC 166.2.2.6	P <b>74</b>	L 29	# 180
Pérez-Aranda	, Rubén	KDPOF		
Comment Type	e ER	Comment Status D		EZ

The shall statements of 166.2.2.6 and 166.2.2.7 can be included in a single sub-clause "PCS transmit bit order". Finding a subclause called "PCS physical header data transmit bit order" after specification of the binary scrambler is confuse because physical header data path was specified before payload data path, RS-FEC and scrambler. Additionally, both, physical header data path and payload data path are related by the time-domain multiplexing of the transmit ordering, so it does not make sense to separate in two different sub-clauses.

### SuggestedRemedy

Move text "The PCS transmit function shall conform to the PCS Physical Header Data transmit bit order in Figure 166–10." to beginning of subclause "PCS transmit bit order" (current 166.2.2.7). Remove sub-clause 166.2.2.6.

Proposed Response	Response Status	W
r roposed Kesponse	Response Status	vv

#### PROPOSED ACCEPT.

C/ 166	SC	166.2.2.7	P74	L 37, 38	# 181	
Pérez-Ara	nda, Ru	ubén	KDPOF			
Comment	Туре	TR	Comment Status D			ΕZ

The mapping of XGMII, 25GMII and 50GMII is specified by figures 166-12 and 166-13, regardless the actual exposition of these xMII interfaces in a PHY implementation. Specification is provided in these media independent interfaces, so it cannot be conditional. In other words, if these xMII are not exposed (i.e. used) in a PHY implementation, how the information from the reconciliation layers is mapped?

### SuggestedRemedy

Remove "if used" in both lines, 37 and 38.

Proposed Response Response Status W

PROPOSED ACCEPT.

C/ 166	SC 166.2.2.8	3.2 P76	L 50	# 183
Pérez-Arano	da, Rubén	KDPOF		
Comment Ty	vpe ER	Comment Status D		EZ

Title is confuse, at this level of hierarchy. We are in the specification of PCS 64B/65B encoding. Transmit process is part. PCS transmit process can be understood as PCS transmit function, with already include 64B/65B encoding and much more functionality inside.

### SuggestedRemedy

Change "PCS transmit process" with "Transmit process" Same for the beginning of the first paragraph of this sub-clause.

Proposed Response	Response Status	W
PROPOSED ACCEPT		

C/ 166	SC	166.2.2.8.2	P77	L 53	#	184
Pérez-Ara	nda, Ri	ubén	KDPO	F		
Comment	Туре	ER	Comment Status	D		EZ

"tx\_block<0> contains the data/ctrl header and the remainder of the bits contain the 65-bit block payload." is redundant with the next sub-clause.

#### SuggestedRemedy

Remove sentence of page 77 line 53. Start first paragraph page 78 with "The first bit  $tx\_block<0>$ 

of a 65-bit block ... " to specify clearly how bits are mapped to tx\_block construct.

Proposed Response Response Status W PROPOSED ACCEPT.

C/ 166	SC	166.2.2.8.4	P 79	L <b>46</b>	#	197	]
Pérez-Arar	ida, Ru	ıbén	KDPOF				_
Comment 7	Гуре	ER	Comment Status D			E	Z
Incorre	ct refer	ence.					

#### SuggestedRemedy

Change "Table 166–5 for BASE-U PCS connected to XGMII or 25GMII" with "Table 166–4 for BASE-U PCS connected to XGMII or 25GMII"

Proposed Response Response Status W

PROPOSED ACCEPT.

C/ 166 SC 166.2.2.8.4

C/ 166 SC 166.2.2.	.8.4 P79	L <b>46</b>	# 273	C/ 166 SC 166.2.	2.8.6 P81	L <b>24</b>	# 252	
Thomas, Huber	Intel			Ran, Adee	Cisco			
Comment Type E	Comment Status D		EZ	Comment Type E	Comment Status D			E
The control codes from	m XGMII and 25GMII are tab	le 166-4			ll (14.2), "In general text, isolate	ed numbers less th	han 10 should be	
SuggestedRemedy				spelled out".				
Change Table 166-5	to Table 166-4.			There are two such	numbers in this line, 4 and 8, a	and others may exi	ist.	
Proposed Response	Response Status W			SuggestedRemedy				
PROPOSED ACCEP	Т.			Change "4" to "four" Apply in other cases	' and "8" to "eight". s of isolated numbers across th	e draft as necessa	ary.	
C/ 166 SC 166.2.2.	.8.4 P79	L <b>46</b>	# 226	Proposed Response	Response Status W		-	
/lartino, Kjersti	Inneos			PROPOSED ACCE	, PT.			
comment Type E	Comment Status D		EZ	<u></u>			" 100	
	for control codes for XGMII,	25GMII, listed as	Table 166-5, but should	C/ 166 SC 166.2.		L1	# 199	
be 166-4				Pérez-Aranda, Rubén	KDPOF			_
uggestedRemedy "Table 166-4 for BAS	E-U connected to XGMII or 2	5GMII"		Comment Type E BASE-U PCS use o	Comment Status D			E
Proposed Response	Response Status W			SuggestedRemedy				
ioposed nesponse				Replace with "BASE	E-U PCS uses one kind …"			
PROPOSED ACCEP	Т.			Replace with BAGE				
, ,		L 20	# 198	Proposed Response	Response Status W			
PROPOSED ACCEP 7 166 SC 166.2.2. Pérez-Aranda, Rubén		L 20		Proposed Response PROPOSED ACCE	PT.			
PROPOSED ACCEP / 166 SC 166.2.2. rérez-Aranda, Rubén omment Type TR	.8.4 P 80 KDPOF Comment Status D		EZ	Proposed Response	PT.	L3	# 227	
PROPOSED ACCEP / 166 SC 166.2.2. /érez-Aranda, Rubén omment Type TR Column "BASE-U PC	.8.4 P 80 KDPOF Comment Status D S O code" should be used to	include the value	EZ of the O codes, which	Proposed Response PROPOSED ACCE	PT.	L3	# 227	
PROPOSED ACCEP 7 166 SC 166.2.2. érez-Aranda, Rubén omment Type TR Column "BASE-U PC are 4-bit, and used to	.8.4 P80 KDPOF Comment Status D S O code" should be used to encode the ordered set cont	include the value rol codes using in	<i>EZ</i> of the O codes, which combination with the	Proposed Response PROPOSED ACCE Cl 166 SC 166.2. Martino, Kjersti Comment Type E	PT. 2.8.9 P82 Inneos Comment Status D	-		E
PROPOSED ACCEP <b>166</b> SC <b>166.2.2.</b> érez-Aranda, Rubén omment Type <b>TR</b> Column "BASE-U PC are 4-bit, and used to block type field. Why	.8.4 P 80 KDPOF Comment Status D S O code" should be used to	include the value rol codes using in appears in this co	<i>EZ</i> of the O codes, which combination with the olumn? This column	Proposed Response PROPOSED ACCE Cl 166 SC 166.2. Martino, Kjersti Comment Type E	PT. 2.8.9 P 82 Inneos <i>Comment Status</i> D e 166-5 for 50GMII for mapping	-		E.
PROPOSED ACCEP <b>166</b> SC <b>166.2.2</b> . érez-Aranda, Rubén <i>omment Type</i> <b>TR</b> Column "BASE-U PC are 4-bit, and used to block type field. Why only makes sense for 49.2.4.4.	.8.4 P80 KDPOF Comment Status D CO code" should be used to encode the ordered set cont reserved0 through reserved5	include the value rol codes using in appears in this co	<i>EZ</i> of the O codes, which combination with the olumn? This column	Proposed Response PROPOSED ACCE Cl 166 SC 166.2. Martino, Kjersti Comment Type E Only reference Tabl	PT. 2.8.9 P 82 Inneos <i>Comment Status</i> D e 166-5 for 50GMII for mapping	-		E.
PROPOSED ACCEP / 166 SC 166.2.2. rérez-Aranda, Rubén omment Type TR Column "BASE-U PC are 4-bit, and used to block type field. Why only makes sense for 49.2.4.4. uggestedRemedy	.8.4 P80 KDPOF Comment Status D CO code" should be used to encode the ordered set cont reserved0 through reserved5	include the value rol codes using in appears in this co signal ordered set	EZ of the O codes, which combination with the olumn? This column s. See 802.3-2018	Proposed Response PROPOSED ACCE Cl 166 SC 166.2. Martino, Kjersti Comment Type E Only reference Tabl cover XGMII & 25GI SuggestedRemedy	PT. 2.8.9 P 82 Inneos <i>Comment Status</i> D e 166-5 for 50GMII for mapping	-		E.
PROPOSED ACCEP / 166 SC 166.2.2. rérez-Aranda, Rubén omment Type TR Column "BASE-U PC are 4-bit, and used to block type field. Why only makes sense for 49.2.4.4. uggestedRemedy	.8.4 P 80 KDPOF Comment Status D SO code" should be used to encode the ordered set cont reserved0 through reserved5 sequence ordered sets and	include the value rol codes using in appears in this co signal ordered set	EZ of the O codes, which combination with the olumn? This column s. See 802.3-2018	Proposed Response PROPOSED ACCE Cl 166 SC 166.2. Martino, Kjersti Comment Type E Only reference Tabl cover XGMII & 25GI SuggestedRemedy	PT. <b>2.8.9</b> P <b>82</b> Inneos <i>Comment Status</i> <b>D</b> e 166-5 for 50GMII for mapping MII	-		E

C/ 166 SC 166.2.2.8.9

C/ 166 SC 166.2.2.8.9	P 82	L <b>3</b>	# 200		C/ <b>166</b>	SC 166.2.2.	9.3 P83	L <b>52</b>	# 228	
Pérez-Aranda, Rubén	KDPOF				Martino, Kje	rsti	Inneos			
Comment Type ER Co	Comment Status D			ΕZ	Comment Ty	/pe E	Comment Status D			ΕZ
Two tables should in the refe	erence.						166-5 for 50GMII for map	ping, but should als	o list Table 166-4 to	
SuggestedRemedy						GMII & 25GMI				
Replace "See Table 166–5 f	for the mappings." with '	"See Table 166–4	4 and Table 166–5	for	SuggestedR	•				
the mappings."					"A valid 166–5."	character con	trol is one containing a xl	All control code spe	cified in Table 166-4 or	r
Proposed Response Re	esponse Status 🛛 🛛 🛛 🛛 🛛 🖉				Proposed Re		Deserves Oferfree M			
PROPOSED ACCEPT IN PR	RINCIPLE.				,	•	Response Status W		LLDCC is composited to	~
See #227.							T IN PRINCIPLE. Replace alid character control is or			5
C/ 166 SC 166.2.2.8.9	P82	L13	# 201		Table 16	6-4. When B	ASE-U PCS is connected	to 50GMII, a valid of		3
Pérez-Aranda, Rubén	KDPOF				containi	ng a control co	ode specified in Table 16	6-5."		
Comment Type ER Co	Comment Status D			ΕZ	C/ 166	SC 166.2.2.	9.3 <i>P</i> 84	L <b>3</b>	# 208	
Incorrect reference.					Pérez-Arano	la, Rubén	KDPOF			
SuggestedRemedy					Comment Ty	pe TR	Comment Status D			ΕZ
Replace "166.2.2.8.2" with "1	166 2 2 9"				Classific	ation in case	of LPI not supported is de	fined however add	ling a note can be	
							of Er Thot Supported to ut	milea, nowever ade		
·					conveni				ing a noto ban bo	
Proposed Response Re	esponse Status W					ent.				
·					conveni SuggestedR Add afte	ent. <i>emedy</i> er line 3, before	e T_TYPE(tx_raw<71:0>)	definition: "Note —	A BASE-U PHY that	
Proposed Response Re		L 6	# 203		conveni SuggestedR Add afte does no	ent. <i>emedy</i> er line 3, before		definition: "Note —	A BASE-U PHY that	
Proposed Response Re PROPOSED ACCEPT.	esponse Status W	L 6	# 203		conveni SuggestedR Add afte does no type E."	ent. <i>emedy</i> er line 3, before t support EEE	e T_TYPE(tx_raw<71:0>) classifies vectors contain	definition: "Note — iing one or more /L	A BASE-U PHY that	
Proposed Response Re PROPOSED ACCEPT. C/ 166 SC 166.2.2.9.2 Pérez-Aranda, Rubén	esponse Status W P83	L <b>6</b>	# 203	EZ	conveni SuggestedR Add afte does no type E." Proposed Re	ent. emedy r line 3, before t support EEE esponse	e T_TYPE(tx_raw<71:0>) classifies vectors contain Response Status <b>W</b>	definition: "Note — iing one or more /L	A BASE-U PHY that	i
Proposed Response Re PROPOSED ACCEPT. Cl 166 SC 166.2.2.9.2 Pérez-Aranda, Rubén	P83 KDPOF	L 6	# <mark>203</mark>	EZ	convenio SuggestedR Add afte does no type E." Proposed Ro PROPO	ent. <i>emedy</i> ir line 3, befor t support EEE esponse SED ACCEP <sup>1</sup>	e T_TYPE(tx_raw<71:0>) classifies vectors contain <i>Response Status</i> <b>W</b> T IN PRINCIPLE.	definition: "Note — iing one or more /L	A BASE-U PHY that // control characters as	
Proposed Response Re PROPOSED ACCEPT. C/ 166 SC 166.2.2.9.2 Pérez-Aranda, Rubén Comment Type ER Co	P83 KDPOF	L 6	# [ <u>203</u>	EZ	convenio SuggestedR Add afte does no type E." Proposed Ro PROPO Add noto	ent. emedy ir line 3, before t support EEE esponse SED ACCEP1 e: "NOTE — A	e T_TYPE(tx_raw<71:0>) classifies vectors contain Response Status <b>W</b>	definition: "Note — iing one or more /L	A BASE-U PHY that // control characters as	
Proposed Response Re PROPOSED ACCEPT. Cl 166 SC 166.2.2.9.2 Pérez-Aranda, Rubén Comment Type ER Co Incorrect reference. SuggestedRemedy Replace "Variable set by the	P 83 KDPOF Comment Status D	diagram to contro	ol the 64B/65B enco		convenio SuggestedR Add afte does no type E." Proposed Ro PROPO Add noto	ent. emedy ir line 3, before t support EEE esponse SED ACCEP1 e: "NOTE — A	e T_TYPE(tx_raw<71:0>) classifies vectors contain <i>Response Status</i> <b>W</b> T IN PRINCIPLE. A BASE-U PHY without El	definition: "Note — iing one or more /L	A BASE-U PHY that // control characters as	; 
Proposed Response Re PROPOSED ACCEPT. Cl 166 SC 166.2.2.9.2 Pérez-Aranda, Rubén Comment Type ER Co Incorrect reference. SuggestedRemedy Replace "Variable set by the operation (see 166.2.2.10)."	P 83 KDPOF Comment Status D	diagram to contro e PHY TX contro	ol the 64B/65B enco		convenie SuggestedR Add afte does no type E." Proposed Re PROPO Add not one or n	ent. emedy r line 3, before t support EEE esponse SED ACCEPT e: "NOTE — A hore /LI/ contro SC <b>166.2.3</b>	e T_TYPE(tx_raw<71:0>) classifies vectors contain <i>Response Status</i> T IN PRINCIPLE. A BASE-U PHY without El ol characters as type E."	definition: "Note — ning one or more /L EE capability classif	A BASE-U PHY that // control characters as	
Proposed Response Re PROPOSED ACCEPT. Cl 166 SC 166.2.2.9.2 Pérez-Aranda, Rubén Comment Type ER Co Incorrect reference. SuggestedRemedy Replace "Variable set by the operation (see 166.2.2.10)." control the 64B/65B encoder	P83 KDPOF Comment Status D PHY TX control state of with "Variable set by the r operation (see 166.3.4)	diagram to contro e PHY TX contro	ol the 64B/65B enco		convenie SuggestedR Add afte does no type E." Proposed R PROPO Add not one or n	ent. emedy tr line 3, beforn t support EEE esponse SED ACCEPT e: "NOTE — A nore /LI/ contro SC 166.2.3 da, Rubén	e T_TYPE(tx_raw<71:0>) classifies vectors contain <i>Response Status</i> <b>W</b> T IN PRINCIPLE. A BASE-U PHY without El ol characters as type E." P84	definition: "Note — ning one or more /L EE capability classif	A BASE-U PHY that // control characters as	EZ
Proposed Response Re PROPOSED ACCEPT. Cl 166 SC 166.2.2.9.2 Pérez-Aranda, Rubén Comment Type ER Co Incorrect reference. SuggestedRemedy Replace "Variable set by the operation (see 166.2.2.10)." control the 64B/65B encoder	P 83 KDPOF Comment Status D	diagram to contro e PHY TX contro	ol the 64B/65B enco		convenie SuggestedR Add afte does no type E." Proposed Re PROPO Add not one or n C/ 166 Pérez-Arano Comment Ty	ent. emedy r line 3, beforn t support EEE esponse SED ACCEPT e: "NOTE — A hore /LI/ contri SC 166.2.3 da, Rubén ype TR	e T_TYPE(tx_raw<71:0>) classifies vectors contain <i>Response Status</i> <b>W</b> T IN PRINCIPLE. A BASE-U PHY without El ol characters as type E." <i>P</i> 84 KDPOF	definition: "Note — ing one or more /L EE capability classif <i>L</i> <b>15</b>	A BASE-U PHY that // control characters as	
Proposed Response       Re         PROPOSED ACCEPT.       Re         Cl 166       SC 166.2.2.9.2         Pérez-Aranda, Rubén       Comment Type         Comment Type       ER         Incorrect reference.       ComgestedRemedy         Replace "Variable set by the operation (see 166.2.2.10)." control the 64B/65B encoder         Proposed Response       Re	P83 KDPOF Comment Status D PHY TX control state of with "Variable set by the r operation (see 166.3.4)	diagram to contro e PHY TX contro	ol the 64B/65B enco		convenie SuggestedR Add afte does no type E." Proposed Re PROPO Add not one or n C/ 166 Pérez-Arano Comment Ty	ent. emedy ir line 3, before t support EEE esponse SED ACCEPT e: "NOTE — A hore /LI/ control SC 166.2.3 da, Rubén ype TR ant shall state	e T_TYPE(tx_raw<71:0>) classifies vectors contain <i>Response Status</i> <b>W</b> T IN PRINCIPLE. A BASE-U PHY without El ol characters as type E." <i>P</i> 84 KDPOF <i>Comment Status</i> <b>D</b>	definition: "Note — ing one or more /L EE capability classif <i>L</i> <b>15</b>	A BASE-U PHY that // control characters as	
Proposed Response       Re         PROPOSED ACCEPT.       Re         Cl 166       SC 166.2.2.9.2         Pérez-Aranda, Rubén       Comment Type         Comment Type       ER         Incorrect reference.       ComgestedRemedy         Replace "Variable set by the operation (see 166.2.2.10)." control the 64B/65B encoder         Proposed Response       Re	P83 KDPOF Comment Status D PHY TX control state of with "Variable set by the r operation (see 166.3.4)	diagram to contro e PHY TX contro	ol the 64B/65B enco		convenie SuggestedR Add afte does no type E." Proposed Re PROPO Add not one or n C/ 166 Pérez-Aranc Comment Ty Redund SuggestedR	ent. emedy ir line 3, before t support EEE esponse SED ACCEPT e: "NOTE — A hore /LI/ contro SC 166.2.3 da, Rubén ype TR ant shall state emedy	e T_TYPE(tx_raw<71:0>) classifies vectors contain <i>Response Status</i> <b>W</b> T IN PRINCIPLE. A BASE-U PHY without El ol characters as type E." <i>P</i> 84 KDPOF <i>Comment Status</i> <b>D</b>	definition: "Note — ning one or more /Li EE capability classif <i>L</i> <b>15</b>	A BASE-U PHY that // control characters as	
Proposed Response       Re         PROPOSED ACCEPT.       Re         Cl 166       SC 166.2.2.9.2         Pérez-Aranda, Rubén       Comment Type         Comment Type       ER         Incorrect reference.       ComgestedRemedy         Replace "Variable set by the operation (see 166.2.2.10)." control the 64B/65B encoder         Proposed Response       Re	P83 KDPOF Comment Status D PHY TX control state of with "Variable set by the r operation (see 166.3.4)	diagram to contro e PHY TX contro	ol the 64B/65B enco		convenie SuggestedR Add afte does no type E." Proposed Re PROPO Add not one or n C/ 166 Pérez-Aranc Comment Ty Redund SuggestedR	ent. emedy tr line 3, beforn t support EEE esponse SED ACCEPT a: "NOTE — A nore /LI/ contro SC 166.2.3 da, Rubén ype TR ant shall state emedy s", and the PC	e T_TYPE(tx_raw<71:0>) classifies vectors contain <i>Response Status</i> <b>W</b> T IN PRINCIPLE. ABASE-U PHY without El ol characters as type E." <i>P</i> 84 KDPOF <i>Comment Status</i> <b>D</b> ment.Already in 166.2.3.6	definition: "Note — ing one or more /L EE capability classif <i>L</i> <b>15</b> 5. Figure 166–17."	A BASE-U PHY that // control characters as	

C/ 166 SC 166.2.3

C/ 166 SC 166.2.3	P 84	L 25	# 210	C/ 166 SC 1	166.2.3	P84	L 33	# 214	
Pérez-Aranda, Rubén	KDPOF			Pérez-Aranda, Ru	ıbén	KDPOF			
Comment Type ER	Comment Status D		EZ	Comment Type	TR	Comment Status D			EZ
There is a plurality of	RS-FEC messages.			They are trans	sfers (either	data or control)			
SuggestedRemedy				SuggestedRemedy	У				
Replace "The RS-FE	C message obtained" with "Ead	ch RS-FEC mess	age obtained"	Replace "50G	MII data tra	nsfers" with "50GMII transf	fers"		
Proposed Response	Response Status 🛛 🛛 🛛 🛛 🛛 🖉			Proposed Respons	se	Response Status W			
PROPOSED ACCEP	Г.			PROPOSED A	ACCEPT.				
C/ 166 SC 166.2.3	P 84	L 25	# 209	C/ 166 SC 1	166.2.3	P 84	L 33	# 212	
Pérez-Aranda, Rubén	KDPOF			Pérez-Aranda, Ru	ıbén	KDPOF			
Comment Type TR	Comment Status D		EZ	Comment Type	TR	Comment Status D			ΕZ
	defined. How the codewords a	are marked as er	roneous depends on	They are trans	sfers (either	data or control)			
RS-FEC decoder impl	lementation.			SuggestedRemed	V				
RS-FEC decoder impl SuggestedRemedy	lementation.					II data transfers" with "XGI	MII or 25GMII tra	nsfers"	
SuggestedRemedy	rementation. mbols" with "as erroneous"			Replace "XGM	/II or 25GM		MII or 25GMII tra	nsfers"	
SuggestedRemedy				Replace "XGM Proposed Respons	/III or 25GM se	II data transfers" with "XGI Response Status W	MII or 25GMII tra	nsfers"	
SuggestedRemedy Replace "with error sy	mbols" with "as erroneous" Response Status W			Replace "XGM	/III or 25GM se		MII or 25GMII tra		
SuggestedRemedy Replace "with error sy Proposed Response PROPOSED ACCEP"	mbols" with "as erroneous" <i>Response Status</i> <b>W</b> T.	1 22	# 011	Replace "XGM Proposed Response PROPOSED A	/III or 25GM se		MII or 25GMII tra	nsfers" # 213	
SuggestedRemedy Replace "with error sy Proposed Response PROPOSED ACCEPT C/ 166 SC 166.2.3	rmbols" with "as erroneous" <i>Response Status</i> <b>W</b> T. <b>P84</b>	L 32	# 211	Replace "XGM Proposed Response PROPOSED A	All or 25GM se ACCEPT. 166.2.3	Response Status W			
SuggestedRemedy Replace "with error sy Proposed Response PROPOSED ACCEP" Cl 166 SC 166.2.3 Pérez-Aranda, Rubén	rmbols" with "as erroneous" Response Status W T. P <b>84</b> KDPOF	L <b>32</b>		Replace "XGM Proposed Respons PROPOSED A C/ <b>166</b> SC f Pérez-Aranda, Ru Comment Type	All or 25GM se ACCEPT. 166.2.3	Response Status W			EZ
SuggestedRemedy Replace "with error sy Proposed Response PROPOSED ACCEP" Cl 166 SC 166.2.3 Pérez-Aranda, Rubén Comment Type TR	rmbols" with "as erroneous" Response Status W T. P 84 KDPOF Comment Status D	L 32	# [ <u>211</u> E2	Replace "XGM Proposed Respons PROPOSED A Cl 166 SC 1 Pérez-Aranda, Ru Comment Type	All or 25GM se ACCEPT. 166.2.3 Ibén TR	Response Status W P 84 KDPOF			EZ
SuggestedRemedy Replace "with error sy Proposed Response PROPOSED ACCEP Cl 166 SC 166.2.3 Pérez-Aranda, Rubén Comment Type TR Figure is not providing	rmbols" with "as erroneous" Response Status W T. P <b>84</b> KDPOF	L 32		Replace "XGM Proposed Respons PROPOSED A Cl 166 SC 1 Pérez-Aranda, Ru Comment Type	All or 25GM se ACCEPT. 166.2.3 Ibén TR providing sp	Response Status W P 84 KDPOF Comment Status D			EZ
SuggestedRemedy Replace "with error sy Proposed Response PROPOSED ACCEP" Cl 166 SC 166.2.3 Pérez-Aranda, Rubén Comment Type TR Figure is not providing SuggestedRemedy Replace "as specified	rmbols" with "as erroneous" Response Status W T. P 84 KDPOF Comment Status D		Ež	Replace "XGM Proposed Response PROPOSED A Cl 166 SC A Pérez-Aranda, Ru Comment Type Figure is not p SuggestedRemedy	All or 25GM se ACCEPT. 166.2.3 Ibén TR providing sp y pecified in F	Response Status W P 84 KDPOF Comment Status D	L 36	# 213	
SuggestedRemedy Replace "with error sy Proposed Response PROPOSED ACCEP" Cl 166 SC 166.2.3 Pérez-Aranda, Rubén Comment Type TR Figure is not providing SuggestedRemedy	rmbols" with "as erroneous" <i>Response Status</i> <b>W</b> T. <i>P</i> 84 KDPOF <i>Comment Status</i> <b>D</b> g specification about RXC.		Ež	Replace "XGM Proposed Response PROPOSED A Cl 166 SC f Pérez-Aranda, Ru Comment Type Figure is not p SuggestedRemedy Replace "as s	All or 25GM se ACCEPT. 166.2.3 Ibén TR providing sp y pecified in F	Response Status W P84 KDPOF Comment Status D ecification about RXC.	L 36	# 213	
SuggestedRemedy Replace "with error sy Proposed Response PROPOSED ACCEP" Cl 166 SC 166.2.3 Pérez-Aranda, Rubén Comment Type TR Figure is not providing SuggestedRemedy Replace "as specified	rmbols" with "as erroneous" <i>Response Status</i> <b>W</b> T. <i>P</i> 84 KDPOF <i>Comment Status</i> <b>D</b> g specification about RXC. in Figure 166–18." with "as sp <i>Response Status</i> <b>W</b>		Ež	Replace "XGM Proposed Response PROPOSED A Cl 166 SC 1 Pérez-Aranda, Ru Comment Type Figure is not p SuggestedRemedy Replace "as s Figure 166-19	All or 25GM se ACCEPT. 166.2.3 Ibén TR providing sp y pecified in F se	Response Status W P 84 KDPOF Comment Status D ecification about RXC. Figure 166–19." with "as sp	L 36	# 213	EZ

C/ 166 SC 166.2.3

C/ 166	SC 166.2.3.2	P86	L6	# 215	 C/ 166 SC 166.2	.3.4 <i>P</i> 86	L15	# 275
	anda, Rubén	KDPOF	20	" 215	Thomas. Huber	Intel	210	" 215
Comment	,	Comment Status D		EZ	Comment Type T	Comment Status D		EZ
l miss	a reference				It seems like a figur	e analogous to Figure 166-10 f	or the transmit dir	ection would be helpful
Suggeste	,				SuggestedRemedy	1 5		
		R_BLOCK_TYPE of the affe YPE of the affected 65-bit b				the reverse of Figure 166-10 ar	nd a reference to i	it.
•	Response POSED ACCEPT.	Response Status W			Proposed Response PROPOSED ACCE	Response Status <b>W</b> PT.		
C/ 166	SC 166.2.3.3	P 86	L11	# 274	C/ 166 SC 166.2	.3.5 P86	L 25	# 217
Thomas,	Huber	Intel			Pérez-Aranda, Rubén	KDPOF		
figure Suggeste	wo sentences in thi	Comment Status <b>D</b> is pagraph are the same, ex	cept that the firs	EZ one doesn't refer to the	SuggestedRemedy Replace "The block	Comment Status D Block types are defined in diffe	value (see 166.2.2	E2 2.8.4)." with "The block
,	Response POSED ACCEPT.	Response Status W			Proposed Response PROPOSED ACCE	Response Status W	- )	
C/ 166	SC 166.2.3.3	P 86	L 11	# 216	C/ 166 SC 166.2	.3.5 P86	L 26	# 218
Pérez-Ara	anda, Rubén	KDPOF			Pérez-Aranda, Rubén	KDPOF		
Comment Repe	<i>Type</i> <b>ER</b> ated sentence.	Comment Status D		EZ	Comment Type E Space before Table	Comment Status D 166-14.		EZ
	ove first one "The F	PCS receiver ordering shall s			SuggestedRemedy Add space.			
Proposed	Response POSED ACCEPT.	ocks and 20-bit encoded P⊢ <i>Response Status</i> <b>W</b>	SUD-DIOCK." FI	x Pico accordingly.	Proposed Response PROPOSED ACCE	Response Status W PT.		

C/ 166 SC 166.2.3.5

C/ 166	SC 166.2.3.6	P 86	L 39, 41	# 186	C/ 166 SC 166.2.3.	7.3 <i>P</i> 89	L 36	# 189
Pérez-Ara	anda, Rubén	KDPOF			Pérez-Aranda, Rubén	KDPOF		
Comment	Type <b>TR</b>	Comment Status D		EZ	Comment Type TR	Comment Status D		EZ
		t blocks is specified by figure			Incorrect reference in	the shall statement.		
		e xMII interfaces in a PHY ir dent interfaces, so it cannot l			SuggestedRemedy			
		e. used) in a PHY implement			Replace "The DECOD	E function shall decode the	rx block based or	n specified in
	ciliation layers is n					e DECODE function shall dec	code the rx_block	based on specified in
Suggeste	dRemedy				166.2.2.8."			
		n lines, 39 and 41. Full stop v	with new paragraph	after first sentence.	Proposed Response	Response Status W		
	period after second	sentence.			PROPOSED ACCEP	Г.		
,	Response	Response Status W			C/ 166 SC 166.2.3.	8 <i>P</i> 91	L 10	# 192
PROF	POSED ACCEPT.				Pérez-Aranda, Rubén	KDPOF		
C/ 166	SC 166.2.3.7.	2 P 89	L14	# 187	Comment Type ER	Comment Status D		EZ
Pérez-Ara	anda, Rubén	KDPOF			Transition R_TYPE(rx	_block) = (E + D + LI + T) is	disconnected from	n state RX_INIT
Comment	Type E	Comment Status D		EZ	SuggestedRemedy			
Plural	·				Connect it			
Suggeste	dRemedy				Proposed Response	Response Status W		
	•	it in the figure is" with "The le	eftmost bit in the fig	ures is"	PROPOSED ACCEP	,		
•	Response	Response Status W	5					
	POSED ACCEPT.				C/ 166 SC 166.2.3.	8 P <b>91</b>	L 11	# 193
					Pérez-Aranda, Rubén	KDPOF		
C/ 166	SC 166.2.3.7.	3 P 89	L 35	# 188	Comment Type ER	Comment Status D		EZ
Pérez-Ara	anda, Rubén	KDPOF			_ `	_block) = C has a vertical lin	e in the middle of	the text (at the letter I
Comment	Type ER	Comment Status D		EZ	position).			
Redu	ndant				SuggestedRemedy			
Suggeste	dRemedy				Remove it			
Repla	ice "and decodes t	he 65B RS-FEC bit vector" v	vith "and decodes i		Proposed Response	Response Status W		
Proposed	Response	Response Status W			PROPOSED ACCEP	Г.		
	POSED ACCEPT.							

C/ 166 SC 166.2.3.8

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C/ 166	SC 166.2.3.8	P 91	L <b>41</b>	# 194		C/ 166	SC ·	166.3.5.2	P 100	L 53	# 256	
Pérez-Aran	da, Rubén	KDPOF				Ran, Adee	•		Cisco			
Comment T	ype ER	Comment Status D			ΕZ	Comment	Туре	т	Comment Status D			ΕZ
line.	_	PE(rx_block) = C" from state F	RX_T is separa	ted from the transiti	ion	value (	OK"		on in equation> holds, the va fied; and what happens if it d		status is assigned	the
SuggestedF	•					•	0	•	neu, anu what happens in it u	ides not:		
Move tr	ansition text clos	ser to line.				Suggested	-	•	les rour status is sociered t		coondition in aquati	
Proposed R	esponse DSED ACCEPT.	Response Status W				Otherw	vise, it is	s assigned	loc_rcvr_status is assigned t I the value NOT_OK".	ine value OK Ir 4	condition in equati	ion>.
FROFC	SED ACCEPT.					Proposed F			Response Status W			
C/ 166	SC 166.3	P 92	L <b>48</b>	# 41		PROP	OSED A	ACCEPT.				
Torres, Luis	sma	KDPOF				C/ 166	sc ·	166.4.1	P 104	L6	# 20	
Comment T	ype ER	Comment Status D			ΕZ	Hayashi,Ta	akehiro		HAT Labs	-		
"link qu	ality" is not the n	ame of the state machine dese	cribed in 166.3	.5		Comment		Е	Comment Status D			ΕZ
SuggestedF	•							⊏ may be in				ΕZ
•		"PHY quality monitor"				Suggested	Remed	V				
Proposed R	esponse	Response Status W				chage	to "in th	e sense th	nat".			
PROPC	SED ACCEPT.					Proposed F	Respon	se	Response Status W			
C/ 166	SC 166.3.4.3	P 98	L18	# 195		, PROP	, OSED A	ACCEPT.				
Pérez-Aran	da, Rubén	KDPOF				C/ 166	SC ·	166.4.2	P 104	L 23	# 196	
Comment T	ype E	Comment Status D			ΕZ	Pérez-Arar	nda. Ru	bén	KDPOF			
State di	agram is specifie	ed instead of state machine.				Comment	,	ER	Comment Status D			ΕZ
SuggestedF	Remedy						51		physical header transmit bit	order is provide	d It is more appror	
Change	"machine" with	"diagram"							-clause where physical head			
Proposed R	esponse	Response Status W				Suggested	Remed	V				
PROPC	SED ACCEPT.					Chang	e "(see	166.2.2.6)	." with "(see 166.2.2.1)."			
						Proposed F PROP	,	se ACCEPT.	Response Status W			

C/ 166 SC 166.4.2

C/ 166	SC 466 4 2 4	D 405	1.44	# 000		C/ 166 SC 166.5.1	P409	1.24	# 400
	SC 166.4.2.4	P 105	L <b>41</b>	# 230			<i>P</i> 108 KDPOF	L <b>21</b>	# 133
Martino, K		Inneos Comment Status D			ΕZ	Pérez-Aranda, Rubén	KDPOF Comment Status D		EZ
Comment Figure	51	after figure 166-32. Note the	e figures are actu	ually on page 106.	ΕZ	Comment Type ER Redundant	Comment Status D		EZ
Suggested	Remedy					SuggestedRemedy			
Move	figure 166-31 dire	ctly below figure 166-30					r shall announce to the link		
Proposed I	Response	Response Status 🛛 🛛 🛛 🛛 🛛 🖉				operation mode" with "If test mode"	ne transmitter shall annound	e to the link part	ner receiver the BER
PROP	OSED ACCEPT.					Proposed Response	Response Status W		
C/ 166	SC 166.4.3	P 106	L37	# 221		PROPOSED ACCEPT.			
Pérez-Ara	nda, Rubén	KDPOF				C/ 166 SC 166.5.4	P109	L5	# 134
Comment	Type ER	Comment Status D			ΕZ	Pérez-Aranda, Rubén	KDPOF		
Figure	s 166-32 and 166	-31 are in reverse order.				Comment Type E	Comment Status D		EZ
Suggested	Remedy					Confuse sentence.			
Check	anchors of the fig	gures to get in the text Figure	e 166-31 before	Figure 166-32.		SuggestedRemedy			
Proposed I	Response	Response Status W					c is a 5462-bit sequence wh	ich generates ar	output bit sequence
PROP	OSED ACCEPT.						ence C is a 5462-bit sequer		
C/ 166	SC 166.5.1	P 108	L <b>9</b>	# 231		Proposed Response	Response Status W		
Martino, K	jersti	Inneos				PROPOSED ACCEPT.			
Comment		Comment Status D			EZ	C/ 166 SC 166.5.4	P 109	L 32	# 135
Chang	e wording for clar	ity of the following: "regardle	ess the link statu	s,"		Pérez-Aranda, Rubén	KDPOF		
Suggested	Remedy					Comment Type TR	Comment Status D		EZ
"regard	dless of the link st	atus,"				Incorrect shift register.			
Proposed I	Response	Response Status W				SuggestedRemedy			
PROP	OSED ACCEPT.					Replace "r[21]" with "r[24	<b>!</b> ]"		
C/ 166	SC 166.5.1	P108	L15	# 132		Proposed Response	Response Status W		
	nda. Rubén	KDPOF				PROPOSED ACCEPT.			
Comment	,	Comment Status D			EZ				
	idant								
Suggested	Remedy								
		partner receiver is in BER to is in BER to	est mode operati	on mode," with "Wh	nen				
	Doononoo	Response Status W							
Proposed I	Response	Response Status <b>vv</b>							

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

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SC	166.5.4

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C/ 166 SC 1	66.5.5	P 110	L 12	# 136		C/ 166	SC 166.6.3.2	P11:	3 <i>L</i> 41	# 85	
Pérez-Aranda, Rul	bén	KDPOF				Pérez-Ara	anda, Rubén	KDPO	F		
Comment Type	T Co	omment Status D			ΕZ	Comment	Туре Е	Comment Status	D		EZ
Generation of I	bit sequence A	is not correct.				Chang	ge transmitter opti	cal specifications to tra	ansmitter optical charac	teristics.	
SuggestedRemedy	/					Suggested	dRemedy				
		ormed by concatenating				Per co	omment				
"Bit sequence and A3."	A is formed by	binary inverting the cor	icatenation of bi	t sequences A1, A	2,	Proposed	Response	Response Status	w		
Proposed Respons	se Res	sponse Status W				PROF	POSED ACCEPT.				
PROPOSED A						C/ 166	SC 166.6.3.3	P11	3 L 52	# 86	
		5444		" 0.1			anda. Rubén	KDPO			
	66.6.1	P111	L	# 24		Comment	,	Comment Status			EZ
Hayashi,Takehiro	_	HAT Labs					51		ver optical characteristic	cs.	
Comment Type	E Co	omment Status D			EZ	Suggested					
no contents							omment				
SuggestedRemedy							Response	Response Status	\A/		
		te the sub-clause				,	POSED ACCEPT.	Response Status	••		
Proposed Respons		sponse Status W					OUED AOUEL 1.				
PROPOSED A	ACCEPT.					C/ 166	SC 166.6.3.4	P 11	4 L7	# 87	
C/ 166 SC 1	66.6.2.1.2	P111	L <b>45</b>	# 84		Pérez-Ara	nda, Rubén	KDPO	F		
Pérez-Aranda, Rul	bén	KDPOF				Comment		Comment Status			EZ
Comment Type	ER Co	omment Status D			ΕZ	"The F	PMD receive funct	tion" should be "The P	MD signal detect function	on"	
Here the trans	mit clock perio	d term is used, instead	of transmit symb	ool period of 166.3	.1	Suggested	dRemedy				
SuggestedRemedy	/					Chang	ge per comment				
Unify using tra		period.				Proposed	Response	Response Status	W		
Proposed Respons	se Res	sponse Status W				PROF	POSED ACCEPT.				
PROPOSED A						C/ 166	SC 166.6.4.1	P11	4 L 26	# 88	
						Pérez-Ara	nda, Rubén	KDPO	F		
						Comment	Type E	Comment Status	D		EZ
							perating range for 0GBASE-AU PME		GBASE-AU, 10GBASE	-AU, 25GBASE-/	AU,
						Suggested	dRemedy				
						Simple	er: the operating r	ange for the BASE-AL	J PMDs		
						Proposed	Response	Response Status	w		
						PROF	POSED ACCEPT.				
		/editorial required GR/g							C/ 166	Page 15	of 25
COMMENT STATU	JS: D/dispatch	ed A/accepted R/rejec	ted RESPON	SE STATUS: O/or	oen W/wri	itten C/closed	U/unsatisfied Z/	withdrawn	SC 166.6.4.1	11/05/20	)22 18:42:1

COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SC 166.6.4.1 11/05/2022 18:42:19 SORT ORDER: Clause, Subclause, page, line

C/ 166 S	SC 166.6.4.2	P 115	L 31	# 278		C/ 166	SC 166.6.4.2	P 115	L 48	# 25	
Simms, Williar	n	NVIDIA				Hayashi,T	akehiro	HAT Labs			
Comment Type Table entry	e E y has type "dis	Comment Status D storsion'			EZ	<i>Comment</i> typo "t	<i>J</i>	Comment Status D			EZ
SuggestedRen correct to c	•					Suggested "below	2				
Proposed Resp PROPOSE	ponse ED ACCEPT.	Response Status W				Proposed PROP	Response OSED ACCEPT.	Response Status W			
C/ 166 S	SC 166.6.4.2	P 115	L 48	# 279		C/ 166	SC 166.6.4.2	P 115	L <b>49</b>	# 232	
Simms, Williar	n	NVIDIA				Martino, K	jersti	Inneos			
Comment Type	e E	Comment Status D			EZ	Comment	Туре Е	Comment Status D			ΕZ
footnote b	of table 166-9	has typo "launch power blo	w this value"			In Tab	le 166-9 note b, t	here is a typo in "launch pow	er blow this valu	e cannot"	
SuggestedRen correct 'blo	<i>nedy</i> ow' to below					<i>Suggested</i> "launc	<i>IRemedy</i> h power below thi	s value cannot"			
Proposed Resp PROPOSE	ponse ED ACCEPT.	Response Status W				Proposed PROP	Response OSED ACCEPT.	Response Status W			
C/ 166 S	SC 166.6.4.2	P 115	L 48	# 26		C/ 166	SC 166.6.4.2	P 115	L <b>49</b>	# 89	
Hayashi,Takel	niro	HAT Labs				Pérez-Ara	nda, Rubén	KDPOF			
Comment Type	e E	Comment Status D			EZ	Comment	Type ER	Comment Status D			ΕZ
	lue above this	scribes "transmitter shall mee s does not ensure the compli			ote b	does r	not ensure compli	blow this value cannot be con ance" to "launch power belo this does not ensure compli	ow this value car		nis
	•	or what, or delete this senten	Ce			Suggested	IRemedy				
Proposed Res	•					Per co	omment				
		Response Status W				Proposed	Response	Response Status W			
		mistakenly written in the tran	nsmitter characte	eristics table. Rem	nove		OSED ACCEPT.				

C/ 166 SC 166.6.4.2

C/ 166 SC 166.6.4.3	P116	L 22	# 280		C/ 166 SC 166.7.1.1	P 118	L34	# 93
Simms, William	NVIDIA		# 200		Pérez-Aranda, Rubén	KDPOF	2 34	# 93
Comment Type E table 166-10 entry has ty (max)"	Comment Status D			EZ	Comment Type ER Replace FSWP with FS	Comment Status D		E
SuggestedRemedy correct "thershold" to "thr	eshold"				SuggestedRemedy Per comment			
Proposed Response PROPOSED ACCEPT.	Response Status W				Proposed Response PROPOSED ACCEPT.	Response Status W		
C/ 166 SC 166.6.4.3	P 116	L 22	# 28		C/ 166 SC 166.7.1.1	<i>P</i> <b>119</b> KDPOF	L 14, 39	# 94
Hayashi,Takehiro Comment Type E typo "thershold"	HAT Labs Comment Status D			EZ	Pérez-Aranda, Rubén Comment Type ER Wrong reference.	Comment Status D		E
SuggestedRemedy "threshold"					SuggestedRemedy Replace 166.7.8.2.2 wi Proposed Response	th 166.7.5. Response Status W		
Proposed Response PROPOSED ACCEPT.	Response Status W				PROPOSED ACCEPT.			
C/ 166 SC 166.6.4.4	P117	L 20	# 31		C/ 166 SC 166.7.4.1	<i>Р</i> <b>120</b> КDPOF	L <b>30</b>	# 96
Hayashi,Takehiro	HAT Labs				Pérez-Aranda, Rubén	Comment Status D		-
Comment Type <b>T</b> Can't understand the mea	Comment Status <b>D</b> aning of this row. (minimum	channel length?)		EZ		O/E converter and the osci	lloscope has a 3 dE	E B bandwidth
SuggestedRemedy please clarify.					SuggestedRemedy Sign (-) in front of 3 is r oscilloscope has a -3 d	needed. Change to be "The B bandwidth"	combination of the	O/E converter and the
Proposed Response PROPOSED ACCEPT IN Wrong units. Substitute "					Proposed Response PROPOSED ACCEPT.	Response Status W		
C/ 166 SC 166.6.4.4	P117	L <b>20</b>	# 42		C/ 166 SC 166.7.4.1	P 120	L 31	# 97
Torres, Luisma	KDPOF	2.20	" 12		Pérez-Aranda, Rubén	KDPOF		
Comment Type ER	Comment Status D			EZ	Comment Type <b>TR</b> "fourth-order Bessel-Th	Comment Status D		E
Table 166-11; wrong unit	s for the Channel insertion l	loss (min)						
S <i>uggestedRemedy</i> Replace "m" by "dB"					-	rder Bessel-Thomson low-p	ass filter"	
Proposed Response PROPOSED ACCEPT.	Response Status W				Proposed Response PROPOSED ACCEPT.	Response Status W		
TYPE: TR/technical required	ER/editorial required GR/g	general required T/t	echnical E/ed	itorial G/g	eneral	CI ·	166	Page 17 of 25

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C/ 166 SC 166.7.4.1	P 120	L 33	# 98		C/ 166	SC 166.7.4.2	P 121	L <b>9</b>	# 33	
Pérez-Aranda, Rubén	KDPOF				Hayashi,Ta	akehiro	HAT Labs			
Comment Type <b>ER</b> BW_N is not defined.	Comment Status D			EZ	<i>Comment</i> T Typo th	<i>Type</i> E ne number of equ	Comment Status <b>D</b> uation (166-12)			EZ
SuggestedRemedy Add "BW_N is the equi	valent noise bandwidth of fo	ourth-order Bessel	-Thomson filter		Suggested 166-8	Remedy				
response <sup>**</sup> Proposed Response PROPOSED ACCEPT.	Response Status W				Proposed F PROP	Response OSED ACCEPT.	Response Status W			
C/ 166 SC 166.7.4.2		L1	# 99		C/ 166	SC 166.7.4.2		L 12	# 101	
Pérez-Aranda. Rubén	KDPOF	-				nda, Rubén	KDPOF			
Comment Type ER	Comment Status D nt setup —> The setup was	already specified	in previous subcla	EZ	Comment T Not val	<i>Type</i> ER lid unitts	Comment Status D			EZ
This is spec of measure SuggestedRemedy					Suggested Replac	<i>Remedy</i> æ "(Watts)" with	(W)"			
Change to be "OMAout	ter measurement"				Proposed F	Response	Response Status W			
Proposed Response	Response Status W				PROP	OSED ACCEPT.				
PROPOSED ACCEPT.					C/ 166	SC 166.7.5	P 121	L 23	# 34	
C/ 166 SC 166.7.4.2	P121	L 9	# 100		Hayashi,Ta	akehiro	HAT Labs			
Pérez-Aranda, Rubén Comment Type <b>ER</b>	KDPOF Comment Status <b>D</b>			EZ	<i>Comment</i> Typo th	<i>Type</i> <b>E</b> ne number of equ	Comment Status D uation (166-19)			EZ
Wrong eq reference SuggestedRemedy					Suggested 166-9	Remedy				
	6–8) specifies the OMAoute	r of the PMD und	er test."		Proposed F	•	Response Status W			
Proposed Response	Response Status W				PROP	OSED ACCEPT.				
PROPOSED ACCEPT.					C/ 166	SC 166.7.5	P 121	L <b>22</b>	# 149	
					Pérez-Arar	nda, Rubén	KDPOF			
					Comment T Wrong	<i>Type</i> <b>ER</b> reference.	Comment Status D			EZ
					<i>Suggested</i> Chang	,	min and Pmax obtained in 1	66.7.4.2"		
					Proposed F	-	Response Status W			

 TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
 C/
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 COMMENT STATUS: D/dispatched A/accepted R/rejected
 RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
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 166.7.5

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 166.7.5
 SC

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C/ 166 SC 166.7.5	P 121	L <b>29</b>	# 150		C/ 166 SC ·	166.7.7	P 122	L 8	# 155	
Pérez-Aranda, Rubén	KDPOF				Pérez-Aranda, Ru	bén	KDPOF			
Comment Type ER Wrong references.	Comment Status D			EZ	Comment Type Wrong referen	ER nce.	Comment Status D			ΕZ
SuggestedRemedy					SuggestedRemed	У				
	vely, the ER can be measure	ed as defined in 16	6.7.84, Equatior	า	Change to be	"Pmax an	d Pmin are measured as spe	ecified in 166.7.4.	2."	
(166–21)."					Proposed Respon	se	Response Status W			
Proposed Response PROPOSED ACCEPT.	Response Status W				PROPOSED A	ACCEPT.				
C/ 166 SC 166.7.6	P121	L 34	# 151			166.7.7	P 122	L 2, 6	# 154	
Pérez-Aranda, Rubén	KDPOF				Pérez-Aranda, Ru		KDPOF			
Comment Type ER	Comment Status D			EZ	Comment Type	TR	Comment Status D			EZ
21	or extinction ratio". We are n	neasuring RIN.			Incorrect equa		ax-Pmin)/2"			
SuggestedRemedy					SuggestedRemed Change to be		min)/2"			
Change to be "test patte	ern specified"				-					
Proposed Response PROPOSED ACCEPT.	Response Status W				Proposed Respon PROPOSED A		Response Status W			
C/ 166 SC 166.7.6	DADA	1 07 40	# 450		C/ 166 SC ·	166.7.8	P 122	L18	# 156	
	P 121	L 37, 40	# 152		Pérez-Aranda, Ru	bén	KDPOF			
Pérez-Aranda, Rubén Comment Type ER	KDPOF Comment Status <b>D</b>			EZ	Comment Type	ER	Comment Status D			ΕZ
center 3% interval				EZ	"using the met	thod speci	fied 166.7.8.2"			
SuggestedRemedy					SuggestedRemed	,				
Change to be "center 3"	%"				-	•	ethod specified in 166.7.8.2"			
Proposed Response	Response Status W				Proposed Respon PROPOSED A		Response Status W			
PROPOSED ACCEPT.					C/ 166 SC ·	166.7.8	P 122	L <b>21</b>	# 157	
C/ 166 SC 166.7.7	P 121	L 53	# 153		Pérez-Aranda, Ru	bén	KDPOF			
Pérez-Aranda, Rubén	KDPOF				Comment Type	ER	Comment Status D			ΕZ
Comment Type ER	Comment Status D			EZ	Wrong referen	nce.				
	or extinction ratio". We are n	heasuring jiller.			SuggestedRemed	У				
SuggestedRemedy	are appaified"				Change to "(s	pecified in	166.7.8.2)"			
Change to be "test patter Proposed Response					Proposed Respon	se	Response Status W			
	Response Status 🛛 🛛 🛛 🖉				PROPOSED A					

 TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
 C/
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 COMMENT STATUS: D/dispatched A/accepted R/rejected
 RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
 SC
 166.7.8

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 166.7.8
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 166.7.8

7.8

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C/ 166 SC 166.7.8.1	P 123	<i>L</i> 1	# 158		C/ 166	SC 166.7.8.3	B P 127	L <b>45</b>	# 35	
<sup>⊃</sup> érez-Aranda, Rubén	KDPOF				Hayashi,Ta	akehiro	HAT Labs			
Comment Type <b>TR</b>	Comment Status <b>D</b> O/E converter and the oscil	lloscope has a 3 d	B bandwidth	EZ	Comment	21	Comment Status D Juation (166-21)			E
SuggestedRemedy					Suggested					
	eeded and low-pass indicat the oscilloscope has a -3 dB				166-20	)				
	low-pass response "	bandwidth of 16.4		1-	Proposed I	•	Response Status W			
Proposed Response	Response Status W				PROP	OSED ACCEPT				
PROPOSED ACCEPT.					C/ 166	SC 166.7.8.3	B P 127	L <b>46</b>	# 102	
C/ 166 SC 166.7.8.1	P123	L 6	# 159		Pérez-Ara	nda, Rubén	KDPOF			
Pérez-Aranda, Rubén	KDPOF				Comment	Type <b>ER</b>	Comment Status D			E
Comment Type ER	Comment Status D			EZ	Specifi	cations vs desc	riptions			
"The test pattern (spec for G=2.	fied in Table 166–13) is tran	smitted repetitive	ly" Lack of refere	ence	Suggested Replac	•	in 166.7.8.2." with "as specif	ied in 166 7 8 2 "		
uggestedRemedy					Proposed I		Response Status W	100 III 100.1.0.2.		
	fied in Table 166–13 and Ta	able 166-14) is tra	nsmitted repetitivel	у"	-	OSED ACCEPT	1			
Proposed Response	Response Status 🛛 🛛 🛛 🛛 🛛 🖉				01.400	00 400 = 0	D. 407	1.10	# 1=1	
PROPOSED ACCEPT.					C/ 166	SC 166.7.8.3		L <b>49</b>	# 171	
C/ 166 SC 166.7.8.3	P127	L 45	# 170		Comment	nda, Rubén <i>Type</i> <b>TR</b>	KDPOF Comment Status D			E
Pérez-Aranda, Rubén	KDPOF	- +0	" 110			lid unitts				E
Comment Type TR	Comment Status D			EZ	Suggested					
Not valid reference						ce "(dB)" with "(V	V)"			
SuggestedRemedy					Proposed I	Response	Response Status W			
Replace with "The OM	Aouter can be calculated as	defined in Equation	on (166–20)"		PROP	OSED ACCEPT	•			
Proposed Response	Response Status W				C/ 166	SC 166.7.8.4	P 128	L <b>4</b>	# 103	
PROPOSED ACCEPT.					Pérez-Ara	nda, Rubén	KDPOF			
					Comment Specifi	<i>Type</i> <b>ER</b> ications vs desc	Comment Status D			E
					Suggested	Remedy				
					Replac	e "as described	in 166.7.8.2." with "as specif	ied in 166.7.8.2."		

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/generalC/166Page 20 of 25COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawnSC16611/05/2022 18:42:19SORT ORDER: Clause, Subclause, page, line

C/ 166 SC 166.7.8	.5 <i>P</i> 128	L 12	# 104		C/ 166 SC 166.7.10 P129 L28 # 111	
Pérez-Aranda, Rubén	KDPOF				Pérez-Aranda, Rubén KDPOF	
Comment Type ER Specifications vs des	Comment Status D			EZ	Comment Type         TR         Comment Status         D         I           Receiver sensitivity can only be defined for a complete PHY, but not for a PMD sublayer.         I	ΕZ
SuggestedRemedy Replace "as describe	d in 166.7.8.2." with "as speci	fied in 166.7.8.2."			SuggestedRemedy Replace "to the PMD receiver under test" with "to the PHY receiver under test"	
Proposed Response PROPOSED ACCEP	Response Status <b>W</b> T.				Proposed Response Response Status W PROPOSED ACCEPT.	
C/ 166 SC 166.7.9	P 128	L 16	# 107		Cl 166 SC 166.7.10 P129 L 28 # 112	
Pérez-Aranda, Rubén	KDPOF				Pérez-Aranda, Rubén KDPOF	
Comment Type <b>TR</b> Stressed receiver is c	Comment Status D			EZ	Comment Type TR Comment Status D I Not clear specification.	ΕZ
SuggestedRemedy					SuggestedRemedy	
	ASE-AU, receiver sensitivity" v r change for 5, 10, 25 and 50				Replace "The signal being transmitted is asynchronous to the received signal." with "The signal being transmitted by the PHY under test is asynchronous to the received signal."	
Proposed Response	Response Status W				Proposed Response Response Status W	
PROPOSED ACCEP	Т.				PROPOSED ACCEPT.	
C 166 SC 166.7.9	P 128	L 36	# 108		C/ 166 SC 166.7.10.1 P129 L42 # 119	
Pérez-Aranda, Rubén	KDPOF				Pérez-Aranda, Rubén KDPOF	
<i>Comment Type</i> <b>TR</b> Equation is not correct	Comment Status D			EZ	Comment Type         TR         Comment Status         D         I           Nominal symbol rate is of pattern generator         I <td< td=""><td>ΕZ</td></td<>	ΕZ
SuggestedRemedy Replace "=" with "<="					SuggestedRemedy Replace "of the receiver under test" with "of the test-pattern generator"	
Proposed Response PROPOSED ACCEP	Response Status <b>W</b> T.				Proposed Response Response Status W PROPOSED ACCEPT.	
C 166 SC 166.7.1	0 <i>P</i> 128	L 48	# 110		C/ 166 SC 166.7.10.1 P129 L46 # 36	
Pérez-Aranda, Rubén	KDPOF				Hayashi,Takehiro HAT Labs	
Comment Type ER Incorrect reference.	Comment Status D			ΕZ	Comment Type E Comment Status D I Typo the number of equation (166-13)	ΕZ
SuggestedRemedy					SuggestedRemedy	
	e within the limits given in Tab	ole 166–10"			166-23	
Proposed Response	Response Status W				Proposed Response Response Status W	
PROPOSED ACCEP	т.				PROPOSED ACCEPT.	
	red ER/editorial required GR dispatched A/accepted R/reie				general C/ 166 Page 21 of 25 itten C/closed U/unsatisfied Z/withdrawn SC 166.7.10.1 11/05/2022 13	

SORT ORDER: Clause, Subclause, page, line

C/ 166 SC 166.7.10.	1 <i>P</i> 129	L 51	# 113	C/ 166 SC 166.7.10.2 P131 L19 # 118
Pérez-Aranda, Rubén	KDPOF			Pérez-Aranda, Rubén KDPOF
Comment Type <b>TR</b> Some parameters are c	<i>Comment Status</i> <b>D</b> lefined in Table 166-9.		Ež	Comment Type TR Comment Status D Incorrect reference. Primary params are STDFOM, ER and RIN.
SuggestedRemedy				SuggestedRemedy
Replace "specified in T	able 166–10" with "specified	l in Table 166–9 a	and Table 166-10"	Replace "The primary parameters of the stressed receiver conformance test signals are its
Proposed Response PROPOSED ACCEPT.	Response Status W			stressed TDFOM (STDFOM), and RIN, as specified in 166.7.10.4." with "The primary parameters of the stressed receiver conformance test signals are its stressed TDFOM (STDFOM), ER, and RIN."
C/ 166 SC 166.7.10.	1 <i>P</i> 130	L 53	# 115	Proposed Response Response Status W
Pérez-Aranda. Rubén	KDPOF	200	" 110	PROPOSED ACCEPT.
Comment Type TR	Comment Status D		Ež	C/ 166 SC 166.7.10.2 P131 L39 # 121
incorrect register and re				Pérez-Aranda, Rubén KDPOF
SuggestedRemedy				Comment Type TR Comment Status D
	a margin reported in register	3 2350 (see 45 )	2 3 87e) is lower than 0 "	Incorrect references. The ones provided are to measure AOP and OMAouter with different
Proposed Response	0	0.2000 (000 10.		test patterns.
PROPOSED ACCEPT.	Response Status W			SuggestedRemedy
PROPOSED ACCEPT.				Replace "Measure OMAouter and AOP as specified in 166.7.4 and 166.7.3 to calculate
C/ <b>166</b> SC <b>166.7.10.</b> Pérez-Aranda. Rubén	1 <i>P</i> 131 KDPOF	L 9	# 117	gamma_tx = OMAouter/AOP." with "Measure OMAouter and AOP as specified in 166.7.8.3 and 166.8.5 to calculate gamma_tx = OMAouter/AOP."
,	Comment Status D		Ež	Proposed Response Response Status W
Comment Type TR Incorrect units.			E2	PROPOSED ACCEPT.
				C/ 166 SC 166.7.10.2 P131 L 50 # 122
SuggestedRemedy Replace "(Watts)" with	(\\/)"			Pérez-Aranda, Rubén KDPOF
				Comment Type TR Comment Status D
Proposed Response PROPOSED ACCEPT.	Response Status W			Sinusoidal jitter amplitude has to be adjusted too.
PROPOSED ACCEPT.				
C/ 166 SC 166.7.10.	1 P 131	L11	# 116	SuggestedRemedy Replace "Turn on the sinusoidal jitter according to 166.7.10.4," with "Turn on the sinusoidal
<sup>⊃</sup> érez-Aranda, Rubén	KDPOF			jitter and adjust its amplitude according to 166.7.10.4, with 14th of the sindsoldar
Comment Type ER	Comment Status D		Ež	Proposed Response Response Status W
Delete "using test setup reference to figure.	defined in Figure 166–44."	. It does not make	e sense here. Broken	PROPOSED ACCEPT.
SuggestedRemedy				
SuggestedRemedy Per comment				
SuggestedRemedy Per comment Proposed Response	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 U/unsatisfied Z/withdrawn SORT ORDER: Clause, Subclause, page, line

Cl	166	
SC	166.7.10.2	

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C/ 166 SC	C 166.7.10.2	P 131	L 27, 43	# 120		C/ 166	SC 166.7.10.4	P 132	L 35	# 233	
Pérez-Aranda, F	Rubén	KDPOF				Martino, Kj	ersti	Inneos			
Comment Type Incorrect ref		Comment Status D			EZ	Comment 7 Change		Comment Status D ty of the following: "for the	ne equations the tab		ΕZ
SuggestedReme Replace "Ta	-	ith "Table 166-10".				Suggestedl "for the	Remedy equations in the	table."			
Proposed Respo PROPOSEI		Response Status W				Proposed F PROP(	Response OSED ACCEPT.	Response Status W			
C/ 166 SC	C 166.7.10.3	P 132	L 15	# 123		C/ 166	SC 166.7.10.4	P 132	L <b>49</b>	# 125	
Pérez-Aranda, F	Rubén	KDPOF				Pérez-Arar	nda, Rubén	KDPOF			
<i>Comment Type</i> Sentence is		Comment Status D			EZ	Comment 7 Replac	<i>Type</i> <b>ER</b> e KHz with kHz ir	Comment Status D Table 166-18			ΕZ
SuggestedReme	edy					Suggested	Remedy				
sinusoidal ji	itter compone	loscope to calibrate the fina nt" with "To use an oscillos inusoidal jitter component"				Proposed F	mment. Response DSED ACCEPT.	Response Status W			
Proposed Respo PROPOSEI		Response Status W				C/ 166	SC 166.9.1	P 133	L 47	# 129	
C/ 166 SC	C 166.7.10.3	P132	L <b>21</b>	# 124		Pérez-Arar	nda, Rubén	KDPOF			
Pérez-Aranda, F		KDPOF	_ <b>_ </b>	124		Comment 7	Type TR	Comment Status D			ΕZ
Comment Type		Comment Status D			ΕZ	It shou	ld be effective mo	dal bandwidth			
tolerance te	est? not define	ed				Suggested	•				
SuggestedReme	edy							Ith" with "Effective moda h conditions specified in		d foot note: "When	
Replace "R	unning the rea	ceiver tolerance test" with "l	Running the receiv	ver sensitivity tes	t"	Proposed F		Response Status W			
Proposed Respo PROPOSEI		Response Status W					OSED ACCEPT.				
						C/ 166	SC 166.9.1	P 133	L <b>47</b>	# 127	
						Pérez-Arar	nda, Rubén	KDPOF			
						Comment 1 Incorre	51	Comment Status D "MHz.km" with "MHz·km	"		ΕZ
						Suggestedi	•				
							mment.				
						Proposed F PROP	Response DSED ACCEPT.	Response Status W			
[YPE: TR/techr		ER/editorial required GR/g atched A/accepted R/reject				eneral		CI	166	Page 23 of 25	5

SORT ORDER: Clause, Subclause, page, line

C/ 166 SC 166.9.1	P 133	L <b>50</b>	# 128	C/ 166 SC 166.14.5	P 138	L 14	# 143
Pérez-Aranda, Rubén	KDPOF			Pérez-Aranda, Rubén	KDPOF		
	Comment Status D slop" with "Chromatic dispersi	on slope"	EZ	Comment Type ER Replace "about the pro explicitly defines requir	Comment Status <b>D</b> ductexplicitly defines requir ements"	ements" with "abo	EZ ut the product, where
SuggestedRemedy Per comment.				SuggestedRemedy Per comment			
Proposed Response PROPOSED ACCEP	Response Status W T.			Proposed Response PROPOSED ACCEPT.	Response Status W		
C/ 166 SC 166.9.1	P 133	L <b>50</b>	# 126	C/ 166 SC 166.16.5	P144	L 27	# 234
Pérez-Aranda, Rubén	KDPOF					L <b>Z I</b>	# 234
·	Comment Status D ce "ps/nm^2.km" with "ps/(nm	^2·km)	EZ	Martino, Kjersti <i>Comment Type</i> <b>E</b> Typo, extra "s" in "LPI i	Inneos <i>Comment Status</i> <b>D</b> s treated ass an error if'		EZ
SuggestedRemedy Per comment.				SuggestedRemedy "LPI is treated as an er	ror if"		
Proposed Response PROPOSED ACCEP	Response Status <b>W</b> T.			Proposed Response PROPOSED ACCEPT.	Response Status W		
C/ 166 SC 166.9.2	.1 <i>P</i> 134	L 10	# 130		<b>.</b>		
Pérez-Aranda, Rubén	KDPOF			C/ 166A SC 166A	P 154	<i>L</i> 1	# 6
Comment Type TR	Comment Status D		EZ	Brown, Matt	Huawei		
The sentence does no	ot make technical sense.			Comment Type E	Comment Status D		EZ
connection insertion	um link distances are calculat oss shown in Table 166–20." lated based on the allocation	with "The maximu	um number of		at the top of the page "Inser	rt new Annex 1664	A as follows:"
in Table 166–20."				Proposed Response	Response Status W		

Proposed Response Response Status W

PROPOSED ACCEPT.

PROPOSED ACCEPT.

C/ **166A** SC **166A** 

C/ 166A S	C 166A.2	P 154	L 26	# 258		C/ 166A	SC 166A.2	P 154	L 35	# 259	
Ran, Adee		Cisco				Ran, Adee		Cisco			
Comment Type	т	Comment Status D			ΕZ	Comment 7	уре Е	Comment Status D			ΕZ
"Table 166	A–1 shows th	ne first and last 2048 bits of t	tx_lfsr<0:195839	)>"				erscore characters in Table 16 isistent placement of these ch			
The table of	content is hex	adecimal digits, not bits.									<b>.</b>
Similarly in	Table 166A-	2.				The col underse		easier to follow if fixed-width f	ont is used, resu	ilting in alignment of	fall
SuggestedRem	nedy					Similar	y in Table 166A	-2			
		-1 shows the hexadecimal re	epresentation of	the first and last 2	2048	Suggested					
DITS OF TX_IF	sr<0:195839	>"				66		he right column in a fixed-wid	th font (e.g. Co	rier) or use other	
Change 16	6A.3 accordi	ngly.					to get a similar	0	(0.g., 00)		
Proposed Resp	oonse	Response Status W				Proposed F	esponse	Response Status W			
PROPOSE	D ACCEPT.					PROPO	SED ACCEPT				
C/ 166A S	C 166A.2	P 154	L 33	# 18		C/ <b>TOC</b>	SC TOC	P13	L1	# 14	
Hajduczenia, M	larek	Charter Comr	munications			Hajduczeni	a, Marek	Charter Com	munications		
Comment Type	e E	Comment Status D			ΕZ	Comment 7	ype E	Comment Status D			ΕZ
		/ standard font for long hex s o make the hex code more r		gest to use fixed w	idth	Someth version		th indentation of Level 1 head	lers in TOC. Are	you using the lates	st
SuggestedRem	nedy					Suggested	Remedy				
Per comme	ent. The sam	e applies to Table 166A–2				Please	fix				
						Proposed F					
Proposed Resp		Response Status W					•	Response Status W			
	oonse D ACCEPT.	Response Status W					SED ACCEPT	,			

CI TOC SC TOC