C/ 00 SC P L	# 474	established.
Grow, Robert RMG Consulting Comment Type TR Comment Status X		PICS PM8 Payload data sub-block content 114.3.2.1.2 Content as specified by PHY TX control state diagram
Shalls for the PMA should be improved, with corresponding	PICS updates.	
SuggestedRemedy 114.3.1, p.61, I.29 The PHD shall consist of the fields deta		114.3.2.1.3, p.66, I.16 Link status shall be determined as specified by the link monitor state diagram. The state diagram controls the value of the link_status state variable as illustrated in Figure 114–36.
Table 114-2, p.63, I.33, PHD.RX.LINKSTATUS The local F		I.22 23 The value of the rem_rcvr_status variable is assigned
Table 114-2, p.63, I.43, PHD.RX.HDRSTATUS The local F Table 114-2, p.64, I.10, PHD.RX.LINKMARGIN local P	PHY uses PHY uses this	PICS PM9 Link status 114.3.2.1.3 As determined by the link monitor state diagram M
PICS PM0a PHD content 114.3.1 PHD content as detailed Delete PM3, PM4.	ed in Table 114-2 M	 114.3.2.1.4, p.68, I.6 from the PMD, if the local PHY
		p.68, I.7 NOT_OK), this is indicated
114.3.2.1.1, p.62, I.47 Course timing recovery in PMARX_ establish symbol synchronization by using the a priori known		PM9a
PICS PM2 Course timing recovery 114.3.2.1.1 Establish pilot S1 signal.	symbol synchronization using	The criteria to determine reliable PHD reception are left to the implementer and may be based on the correctness of the CRC-16 as defined in 114.2.3.1. When the PHD is reliably
PICS PM5 recover -> recovery		received, correct reception of PHD by the remote PHY shall be as indicated in REMPHD.RX.HDRSTATUS, see 114.3.2.
 114.3.2.1.1, p.65, I.26 PHY receiver shall train		PICS PM6a PHD reception 114.3.2.1.1 After equilization estimation, receive link partne PHD and determine if reception is reliable M
PICS PM6 Equalizer training 114.3.2.1.1 After successful equalizers using received S2 pilots M	l fine timing recovery, train	PM6b Link partner PHD reception 114.3.2.1.1 When PHD is reliably received, link partner PHD reception as indicated in REMPHD.RX.HDRSTATUS
	any missing requirement to	
Once the equalizers have been properly estimated, the PHY from the link partner, and determines if PHD reception is reliable monitors the reliability of PHD reception are described in 114	iable. The state diagrams that	Proposed Response Response Status O
114.3.2.1.2, p.65, I.53 Add: Payload data subblock conter interframe or encoded GMII transmit data.	nt shall either be normal	
p.66, I.5 it generates PDB.CTRL		
p.66, I.7 GMII transmit stream is mapped		
p.66, I.9 the 64B/65B PCS encoder is disconnected un	ntil the bidirectional link is re-	
TYPE: TR/technical required ER/editorial required GR/general r COMMENT STATUS: D/dispatched A/accepted R/rejected R		

SORT ORDER: Clause, Subclause, page, line

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C/ 00 SC Götzfried, Volker	P Avago Techno	<i>L</i> blogies Fi	# 441	C/ 114 SC Grow, Robert	<i>P</i> RMG Consu	L	# 472
Comment Type E Neither links to sub-se	Comment Status X ections nor PDF search is work	ing		Shalls are not consistently place			
SuggestedRemedy				example, shalls are in text for in that functional block.	nitialization of a regi	ister, but there is n	o shall for operation of
Proposed Response	Response Status 0			SuggestedRemedy Place at least one shall statem numbers are to be renumbered			
C/ 00 SC 0 Grow, Robert	P RMG Consulti	L	# 470	114.2.2.1, p.39, I.37 The S1 The signal consists of a pseudo			
Comment Type E PICS beader is not co	Comment Status X onsistent with P802.3 draft.			p.40, l.14 The shift register, r	[0] through 14 r[24]	, is initialized	
SuggestedRemedy				p.40, l.16 – binary),			
	auses 114 and 115 to be consi	stent.		PICS PC3 Pilot S1 generation	114.2.2.1 Pilot S	S1 generated as sp	pecified M
Proposed Response CI 00 SC 0	Response Status O	L	# 428	114.2.2.1, p.40, l.43 The pilo follows. The series of S2 pilot random sequence of 1664 256	sub-blocks in a Trar		
Pérez-Aranda, Rubén	KDPOF			p.41, I.15 The generator poly	/nomial is 1+x22+x2	25 and the shift reg	ister is initialized
	Comment Status X tainformation in PDF file which not work, text cannot be copied			PICS PC4 Pilot S2 generation ————————————————————————————————————	PHD bits from "Hea	ader Builder" are a	ppended with 16 Cyclic
SuggestedRemedy				shown in Figure 114–10. The	check sum shall be	computed from the	e PHD bits as follows.
Generate apropriate F				CRC-16 generation uses a Line polynomial of the LFSR is 1+x2	2+x5+x6+x8+x10+x	11+x12+x13+x16.	The CRC-16 register
Proposed Response	Response Status O			elements (S0 through S15) are PICS PC5 CRC-16 generation specified M		sum generated fr	om PHD bits as
				114.2.3.2, p.42, l.20 – The 720 transmission. The binary scrar modulo-2 addition as shown in generator polynomial is 1+x22-	mbler applies a pseu Figure 114–11. The	udo-random binary e PRBS is generat	v sequence (PRBS) by ed by a LFSR whose
				PICS PC6 Physical Header sc specified M	rambling 114.2.3.2	2 CRC-16 output	scrambled as
	red ER/editorial required GR/g ispatched A/accepted R/reject				CI 1 SC	114	Page 2 of 87 05/07/2015 22:1

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114.2.3.3, p.42, l.40 — The BCH encoder in Figure 114–9 shall systematically encode 720 information bits into 896 code bits.

PICS PC6a Physical header BCH encoder 114.2.3.3 Encode 720 information bits into 896 code bits $\,$ M $\,$

114.2.3.4, p.43, l.11 – The 896 bits from the BCH encoder shall be mapped into 1792 2-PAM symbols.

PICS PC6b Physical header modulation and scaling 114.2.3.4 Physical header modulated and scaled as specified. M

114.2.4.1.2, p.48, I.4 -- The 64B/65B implementation shall be consistent with the following formal definition.

PICS PC6c 64B/65B encoding 114.2.4.1.2 Consistent with formal definition M

114.2.4.2, p.49, l.20 – The 705 600 bits per Transmit Block from 64B/65B encoding shall be scrambled prior to transmission. The binary scrambler applies a pseudo-random binary sequence (PRBS) by modulo-2 addition as shown in Figure 114–18. The PRBS is generated by an LFSR whose generator polynomial is $1+x^22+x^25$. The shift register is initialized . . .

PICS PC7 Data payload scrambler 114.2.4.2 Data payload scrambled as specified M

PICS PC7a Coded 16-PAM MLCC demultiplexer 114.2.4.3.1 Scrambled data path bits split into two levels as specified $\,M$

114.2.4.3.2, p.51, I.31 – The data path BCH encoder in Figure 114-19 shall generate . . . information bits as follows.

114.2.4.3.2, p.52, I.9 – The delay elements . . . are initialized ...

PICS PC8 Data path BCH encoder/shortening 114.2.4.3.2 Information bits encoded and shortened as specified $\,M$

114.2.4.3.4, p.55, l.47 -- . . . mapper shall be further processed . . .

PICS PC8b First lattice transformation 114.2.4.3.4 Gray mapped data processed with specified latice transformation $\,$ M $\,$

114.2.4.3.5, p.57, I.21 -- After performing the first lattice transformations, lattice transformed symbols from the two levels shall be added thus performing the coset partitioning over lattice Z2 and the final labeling.

PICS PC8c Lattices addition 114.2.4.3.5 Level 1 and level 2 symbols are added as specified $\,M$

114.2.4.3.6, p.57, I.51 -- 2D symbols from the lattice adder, \ldots respectively, shall be further transformed . . .

PICS PC8d Second lattice transformation 114.2.4.3.6 Lattice adder output symbols transformed as specified $\,M$

114.2.4.3.7, p.58, I.52 -- Data path symbols shall be processed by the RZ^2 to PAM multiplexer as illustrated in Figure 114–30.

PICS PC8e $\,$ RZ^2 to PAM mulitplexer $\,$ 114.2.4.3.7 Data path symbols multiplexed as specified $\,$ M $\,$

114.2.4.4, p.59, I.29 -- The 16-PAM encoded symbols shall be scrambled . . .

114.2.4.4, p.59, I.35 -- . . . the shift register is initialized . . .

PICS PC9 Data payload scrambler 114.2.4.4 16-PAM symbols scrambled as specified M $\,$

114.2.4.5, p.60, I.32 -- The 16-PAM symbols from the symbol scrambler shall be precoded and scaled as follows. A Thomlinson-Harashima precoderis shown in . . .

PICS PC9a Data payload THP and scaling 114.2.4.5 Payload data is THP precoded and scaled as specified $\,M$

C/ 114

SC

Proposed Response Response Status **O**

114.2.4.3.3, p.52, l.32 – . . . coded bits shall be mapped . . . symbols as follows.

PICS PC8a Gray mapping 114.2.4.3.3 BCH endoded data gray mapped as specified

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: Clause, Subclause, page, line

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^{114.2.4.3.1,} p.50, I.47 – The information bits to be encoded as an MLCC codeword shall be split by an MLCC demultiplexer into two levels.

C/ 114 SC Grow, Robert	P 38 RMG Consult	L 47 ting	# 471	C/ 114 SC 114.1.1 Mendo, Carmen	<i>Р35</i> КDPOF	L 33	# 186
Comment Type E Not a good use of the t	Comment Status X term symbols. Improve readal	bility.		Comment Type E Typo: "co-efficients".	Comment Status X		
	S2 pilots, header data, and pa ne four symbol streams are mu		ools are generated in a	SuggestedRemedy Replace with "coefficie Proposed Response	ents". Response Status O		
Proposed Response	Response Status 0			Toposed Response			
C/ 114 SC 114.1.1	P35 KDPOF	L 32	# 154	<i>Cl</i> 114 SC 114.1.2 Tapia, Pablo	Р 35 КDPOF	L 40	# 155
Comment Type E co-efficients	Comment Status X				Comment Status X relationship is shown" or "T	The relationships.	are shown"
SuggestedRemedy coefficients				SuggestedRemedy The relationship is s			
				Pronosod Rosnonso	Doononoo Statua		
	Response Status O			Proposed Response	Response Status O		
Proposed Response	P 35	L 33	# 314	Cl 114 SC 114.1.3 Grow, Robert	Response Status O P 36 RMG Consult	L 31 ting	# [473
Proposed Response C/ 114 SC 114.1.1 Pérez-Aranda, Rubén Comment Type E in d) may be added an	P 35 KDPOF <i>Comment Status</i> X in important feature of the relial			Cl 114 SC 114.1.3 Grow, Robert Comment Type TR Implementation of the	P36	ling	
Proposed Response Cl 114 SC 114.1.1 Pérez-Aranda, Rubén Comment Type E in d) may be added an operations, administrat	P 35 KDPOF <i>Comment Status</i> X h important feature of the relial tion and maintenance.			Cl 114 SC 114.1.3 Grow, Robert Comment Type TR Implementation of the SuggestedRemedy Any PHY type using 1 this clause and define	P36 RMG Consult Comment Status X	ting mandatory for 1 management ca nplementation of	000BASE-H. pabilities referenced i
Proposed Response Cl 114 SC 114.1.1 Pérez-Aranda, Rubén Comment Type E in d) may be added an operations, administrat SuggestedRemedy Add before, etc:	P 35 KDPOF <i>Comment Status</i> X h important feature of the relial tion and maintenance.			Cl 114 SC 114.1.3 Grow, Robert Comment Type TR Implementation of the SuggestedRemedy Any PHY type using 1 this clause and define shall provide access to PICS delete MGT major cap PC0a 1000BASE-H to	P36 RMG Consult Comment Status X MDIO should be optional, not 000BASE-H shall provide the d in Clause 45. An optional ir o the 1000BASE-H managem	ting mandatory for 1 management ca nplementation of ent registers. ed management	000BASE-H. pabilities referenced in the MDIO Interface capabilities M

C/ 114 SC 114.1.3

<i>Cl</i> 114 SC 114.1.4 Tajima, Takayuki	P 36 Yazaki corpor	<i>L</i> ation	# 454	C/ 114 SC 114.1. Gilarranz, Alejandra	4 <i>P</i> 36 KDPOF	L 44	# 76
Comment Type E Figure 114-2 Transmitter is connec On the other hand Re	Comment Status X ted to the Transmitter. ceiver is connected to the Rec	eiver.		link partner, and the	Comment Status X Ismitter of the local partner is c receiver of the local partner is		
SuggestedRemedy	ter and Receiver of the one sid				f the local partner to receiver of	the link partner a	nd viceversa.
Proposed Response	Response Status O			Proposed Response	Response Status O		
C/ 114 SC 114.1.4	P36	L 38	# 351	C/ 114 SC 114.1. Tapia, Pablo	4 <i>P</i> 36 KDPOF	L 45	# 128
Pérez-Aranda, Rubén	KDPOF			Comment Type E	Comment Status X		
	Comment Status X a 114-2 refers to transmitter and			51	bres connect the two transmitte	ers together. Anal	ogously, the two
PMA), it is not clear w	hitter and receiver. Because on that is the transmitter and recein ransmitter and receiver are vages ransmitter and receiver are vages ransmitter and receiver are vages ransmitter and receiver are vages ransmitter and receiver.	ver and where the	ney are defined.	SuggestedRemedy Connect the transmi	tter on one side to the receiver	on the other and	viceversa.
	ransmitter and a receiver.			Proposed Response	Response Status O		
-	nected to TX, RX to RX. Wrong	J.					
SuggestedRemedy	C 11 - 1			C/ 114 SC 114.1.4		L 53	# 156
Line 38, after the first A cross-over in the ca	full stop: bling connects the local fiber o	ptics (FO) transr	mitter to the link	Tapia, Pablo	KDPOF		
partner's FO receiver	and the link partner's FO trans receiver compose the PMD su	mitter to the loc	al FO receiver. The fiber	Comment Type E Consider revising th			
Correct figure 114-2. or PMD RX for Receiv	l suggest to use FO TX or PME /er.) TX instead of T	ransmitter, and FO RX	"may contain portion SuggestedRemedy	ns or all of zero, one or more fra	ames"	
Proposed Response	Response Status O			Proposed Response	Response Status O		
C/ 114 SC 114.1.4 Mendo, Carmen	<i>Р36</i> КDPOF	L 43	# 259				
Comment Type TR In Figure 114-2 the co	Comment Status X onnections are TX/TX and RX/F	RX, without cross	sover.				
SuggestedRemedy	Y connections						
Show crossover TX/R	A connections.						

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: Clause, Subclause, page, line

C/ 114 SC 114.1.4 Page 5 of 87 05/07/2015 22:18:28

C/ 114 SC 114.1.4		L1	# 442	C/ 114 SC 114.1.		L 4	# 410
Pérez-Aranda, Rubén	KDPOF			Pérez-Aranda, Rubén	KDPOF		
Comment Type T	Comment Status X			Comment Type TR	Comment Status X		
Control information of are not used for cont	could mean higher layers on to could indicate the PHD, howeve trol, but for timing recovery, etc	er there are other		* MDC arrow is not o * MDIO should be bi	be corrected / improved: correct, it should be an input to directional arrow ptional implementation	РНҮ	
SuggestedRemedy					request service promitive, that I	has to also be add	led to clause 115.
Replace with: Transmit Blocks are	periodically transmitted and al	so include signals	and control	- SuggestedRemedy			
information, used an	nong other tasks, to keep align	ed the transmitter	and receiver in clock		hat attached in file: perezarand	a_GEPOF_2_07	15.pdf
are inserted at fixed contained in the block	qualization and link monitoring. locations within the Transmit B ck. Encapsulation of the GMII d	Block interrupting t data stream within	he GMII data stream the Transmit Block also	Proposed Response	Response Status 0		
inserted at fixed loca	or correction encoding in fixed ations in the block.	length code-words	s, which are also	C/ 114 SC 114.2	P37	L 49	# 31
Proposed Response	Response Status 0			Gilarranz, Alejandra	KDPOF		
				Comment Type E	Comment Status X		
C/ 114 SC 114.1.	5 <i>P</i> 37	L10	# 260	Error in text: "The tra	ansmitters performed by the PC	S"	
Mendo, Carmen	KDPOF	<i>L</i> 10	# 200	SuggestedRemedy			
Comment Type TR	Comment Status X			Replace text by: "Th	e transmit functions performed	by the PCS"	
51	ection of MDC and MDIO lines s	seems incorrect.		Proposed Response	Response Status O		
SuggestedRemedy							
Redraw MDC as inp Redraw MDIO as bio				C/ 114 SC 114.2 Mendo, Carmen	Р 37 КDPOF	L 49	# 187
Proposed Response	Response Status O			Comment Type E	Comment Status X ers performed by the PCS inclu	ıde".	
C/ 114 SC 114.1.	5 <i>P</i> 37 KDPOF	L 12	# 77	SuggestedRemedy Should be: "The trar	ismit functions performed by the	e PCS include".	
Gilarranz, Alejandra				Proposed Response	Response Status O		
Comment Type TR MDC line is drawn a MDIO line is drawn a	is an output line.						
MDC line is drawn a	is an output line. as an input line. n input line.						

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: Clause, Subclause, page, line

C/ 114 SC 114.2

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C/ 114 SC 114.2 Pérez-Aranda. Rubén	<i>Р37 КDPOF</i>	L 49	# 411	C/ 114 SC 114.2. Pérez-Aranda. Rubén	1 P38 KDPOF	L 37	# 352
,				,			
Comment Type TR after first full stop: The is not correct accordin	Comment Status X transmitters g to the description comming	up next.		It is true that 115.3.3	Comment Status X 3 should be replaced by some i 3 defines how the PCS to PMD	signal is transform	
uggestedRemedy				115 defines this tras	lation for RH PMD, which may	not be true for otr	ner future H type PMD
encapsulated and enc is scrambled to make information is encoded Code (MLCC) block or resulstant PAM16 sym	tion includes several steps. T oded into 65-bit length blocks the transmit signal independe and mapped into PAM16 sy iented encoder which genera bols are Tomlinson-Harashin	a called Physical E ent of GMII data co mbols according t tes 988-symbol le na precoded to pr	Data Blocks (PDB) and potent. After that, the o a Multi-Level Cosed ength codewords. The e-compensate the inter-	SuggestedRemedy	15 reference is nt really neede use 114.6.1 that defines the sig <i>Response Status</i> O		
Finally, the precoded	oduced when transmit symbo codewords are inserted into T headers) for data link control	Fransmit Blocks, t		C/ 114 SC 114.2. Pérez-Aranda, Rubén	2 <i>P</i> 39 KDPOF	L 31	# 315
The PCS receive func	tion performs clock recovery f	for correct time sa	mpling of received	Comment Type E	Comment Status X		
symbols and channel of Block and decoded for descrambled recovering	equalization. The PAM16 cod error correction and detection ng the original PDB that enca	ewords are extrac n. The resultant in psulate GMII infor	cted from the Transmit	L31: is designed for L31: Pilot S2s are tr L32: Pilot S2s are in	optimum ansmitted		
symbols and channel Block and decoded for descrambled recoverir GMII receive data stre Proposed Response	equalization. The PAM16 cod r error correction and detectio ng the original PDB that enca am is generated from PDB de <i>Response Status</i> O	ewords are extrac n. The resultant ir psulate GMII infor ecoding.	cted from the Transmit nformation is mation. Finally, the	L31: Pilot S2s are tr L32: Pilot S2s are in SuggestedRemedy Replace L31: is inte Replace L31: Pilot S	optimum ansmitted tended		
symbols and channel Block and decoded for descrambled recoverin GMII receive data stre	equalization. The PAM16 cod error correction and detection ing the original PDB that encap am is generated from PDB de	ewords are extrac n. The resultant in psulate GMII infor	cted from the Transmit	L31: Pilot S2s are tr L32: Pilot S2s are in SuggestedRemedy Replace L31: is inte Replace L31: Pilot S	optimum ansmitted tended nded for optimum 2 is transmitted divided in diffe		

C/ 114 SC 114.2.2.1

/ 114 SC 114.2.2 . lendo, Carmen	1 <i>P</i> 39 KDPOF	L 37	# 188	C/ 114 SC 114.2.2 Gilarranz, Alejandra	2.1 <i>P</i> 39 KDPOF	L 45	# 78
omment Type E The reference to Figu	Comment Status X re 114-6 may be wrong?			Comment Type TR In figure 114-6, addit	Comment Status X ion of constant 1 is incorrect.		
uggestedRemedy If referring to the locat 4.	tion of the S1 pilot in the Trans	smit Block should	be probably Figure 114-	SuggestedRemedy Replace addition ope block.	eration by a subtraction operati	on of constant 1 t	o at the output of B2D
roposed Response	Response Status O			Proposed Response	Response Status O		
/ 114 SC 114.2.2.		L 38	# 316	C/ 114 SC 114.2.2		L16	# 317
érez-Aranda, Rubén	KDPOF			Pérez-Aranda, Rubén	KDPOF		
omment Type E	Comment Status X			Comment Type E	Comment Status X		
	neral, M-PAM, being M any int mon PAM2, PAM5, PAM16, (s		commonly used in	L16: no parenthesis L21: r[0] through r[24			
uggestedRemedy				SuggestedRemedy			
Replace in all the doc 2-PAM with PAM2	ument:			L16: add parenthesis L21: r[0] through r[24			
256-PAM with PAM25 16-PAM with PAM16 etc.	56			Proposed Response	Response Status O		
roposed Response	Response Status O			Cl 114 SC 114.2.2 Gilarranz, Alejandra	2.1 <i>P</i> 40 KDPOF	L16	# 12
/ 114 SC 114.2.2. érez-Aranda, Rubén	1 <i>P</i> 39 KDPOF	L 41	# 322	Comment Type E Missing parenthesis	Comment Status X after word "binary".		
omment Type E	Comment Status X			SuggestedRemedy			
Bad reference to 114.				Add parenthesis betw	ween word "binary" and comma	a character.	
Also in P41, L2 and P	43, L17.			Proposed Response	Response Status O		
uggestedRemedy							
Replace with: 114.2.4	.3.3.						
roposed Response	Response Status 0						

C/ 114 SC 114.2.2.1 Page 8 of 87 05/07/2015 22:18:28

C/ 114 SC 114.2.2.1 Tapia, Pablo	<i>Р40 КDPOF</i>	L 24	# 129	C/ 114 SC 114.2.2 Pérez-Aranda, Rubén	2 P40 KDPOF	L 42	# 318
Comment Type E The letter "I" in the C cc	Comment Status X de describing the MLS gene	rator might be co	onfused with number "1".	Comment Type E data block,	Comment Status X		
SuggestedRemedy Change the name of va Proposed Response	riable "I". Use "Ien" for exam Response Status O	ple.		SuggestedRemedy Replace with: data sub-block, Proposed Response	Response Status 0		
C/ 114 SC 114.2.2.1 Tapia, Pablo Comment Type E	P 40 KDPOF Comment Status X	L 32	# 151	C/ 114 SC 114.2.2 Pérez-Aranda, Rubén	.2 <i>P</i> 41 KDPOF	L1	# 319
Comment Type E "}" is not aligned with th SuggestedRemedy				Comment Type E * MLS acronym was a * the sequence is bina	Comment Status X already introduced ary and shoul de stated		
Proposed Response	Response Status O			SuggestedRemedy Replace with: "A MLC generator is i length, which"	used to generate a binary pseu	udo-random sequ	ience of 13312 bits
C/ 114 SC 114.2.2.2 Tapia, Pablo	Р 40 КDPOF	L 42	# 157	Proposed Response	Response Status O		
	Comment Status X is transmitted between every ame sub-blocks as shown in		, alternating with	C/ 114 SC 114.2.2 Mendo, Carmen Comment Type E	2 P41 KDPOF Comment Status X	L 12	# 189
SuggestedRemedy To: "An S2 pilot sub-block i 2, as shown in Figure 1 Proposed Response	s transmitted before every ev 14–4." <i>Response Status</i> O	ren data sub-bloc	ck, starting in sub-block	line, separate from th SuggestedRemedy Do not separate the s		·	
				Proposed Response	Response Status O		

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: Clause, Subclause, page, line

C/ 114 SC 114.2.2.2 Page 9 of 87 05/07/2015 22:18:28

C/ 114 SC 114.2.2.2 Ortiz Rojo, David	P 41 KDPOF	L 2	# 297	C/ 114 SC 114.2.2.2 Tapia, Pablo	Р 41 КDPOF	L 4	# 118
Comment Type E Missing units in the desc	Comment Status X			Comment Type E Confusing multiplier and	Comment Status X d adder in the right edge of F	Figure 114-8.	
SuggestedRemedy Change "13312," by "1	3312 bits,"			SuggestedRemedy			
Proposed Response	Response Status O			Proposed Response	Response Status O		
C/ 114 SC 114.2.2.2 Gilarranz, Alejandra	<i>Р41</i> КDPOF	L 2	# [13	Cl 114 SC 114.2.2.2 Pérez-Aranda, Rubén	P 41 KDPOF	L5	# 320
Comment Type E	Comment Status X			Comment Type E	Comment Status X		
Reference to definitions 114.2.4.3.3, to make eas S/P and B2D blocks in o	of S/P and B2D blocks to su sier the definintions search p			51	he meaning of x and + in the	e right side of figu	ure?
Reference to definitions 114.2.4.3.3, to make eas S/P and B2D blocks in o SuggestedRemedy	of S/P and B2D blocks to su sier the definintions search p	process. There a	are similar referencies of	Figure 114-8, which is t SuggestedRemedy	he meaning of x and + in the Response Status O	e right side of figu	ure?
Reference to definitions 114.2.4.3.3, to make eas S/P and B2D blocks in o SuggestedRemedy	of S/P and B2D blocks to su sier the definintions search p ther parts of the text.	process. There a	are similar referencies of	Figure 114-8, which is t SuggestedRemedy Eliminate them		e right side of figu	ure?
Reference to definitions 114.2.4.3.3, to make eas S/P and B2D blocks in o SuggestedRemedy Point references to defin Proposed Response	of S/P and B2D blocks to suster the definintions search parts of the text. hitions of S/P and B2D block <i>Response Status</i> O	process. There a	are similar referencies of 14.2.4.3.3.	Figure 114-8, which is t SuggestedRemedy Eliminate them	Response Status O	e right side of figu <i>L</i> 54	ure? # <u>130</u>
Reference to definitions 114.2.4.3.3, to make eas S/P and B2D blocks in o SuggestedRemedy Point references to defin Proposed Response Cl 114 SC 114.2.2.2	of S/P and B2D blocks to su sier the definintions search p ther parts of the text.	process. There a	are similar referencies of	Figure 114-8, which is t SuggestedRemedy Eliminate them Proposed Response Cl 114 SC 114.2.2.2 Tapia, Pablo Comment Type ER	Response Status 0 P 41 KDPOF Comment Status X	L54	# <u>130</u>
Reference to definitions of 114.2.4.3.3, to make eas S/P and B2D blocks in of SuggestedRemedy Point references to defin Proposed Response C/ 114 SC 114.2.2.2 Tapia, Pablo Comment Type E Change:	of S/P and B2D blocks to su sier the definintions search p ther parts of the text. itions of S/P and B2D block <i>Response Status</i> O <i>P</i> 41 KDPOF <i>Comment Status</i> X	process. There a	are similar referencies of 14.2.4.3.3.	Figure 114-8, which is t SuggestedRemedy Eliminate them Proposed Response Cl 114 SC 114.2.2.2 Tapia, Pablo Comment Type ER	Response Status 0 P 41 KDPOF	L54	# <u>130</u>
Reference to definitions of 114.2.4.3.3, to make ease S/P and B2D blocks in of SuggestedRemedy Point references to defin Proposed Response CI 114 SC 114.2.2.2 Tapia, Pablo Comment Type E Change: "a pseudo-random seque	of S/P and B2D blocks to su sier the definintions search p ther parts of the text. itions of S/P and B2D block <i>Response Status</i> O <i>P</i> 41 KDPOF <i>Comment Status</i> X	process. There a	are similar referencies of 14.2.4.3.3.	Figure 114-8, which is t SuggestedRemedy Eliminate them Proposed Response Cl 114 SC 114.2.2.2 Tapia, Pablo Comment Type ER	Response Status 0 P 41 KDPOF Comment Status X	L54	# <u>130</u>
Reference to definitions of 114.2.4.3.3, to make ease S/P and B2D blocks in of SuggestedRemedy Point references to defin Proposed Response CI 114 SC 114.2.2.2 Tapia, Pablo Comment Type E Change: "a pseudo-random seque SuggestedRemedy To:	of S/P and B2D blocks to su sier the definintions search p ther parts of the text. itions of S/P and B2D block <i>Response Status</i> O <i>P</i> 41 KDPOF <i>Comment Status</i> X	process. There a	are similar referencies of 14.2.4.3.3.	Figure 114-8, which is t SuggestedRemedy Eliminate them Proposed Response Cl 114 SC 114.2.2.2 Tapia, Pablo Comment Type ER Text between page 41 I	Response Status 0 P 41 KDPOF Comment Status X	L54	# <u>130</u>

C/ 114 SC 114.2.2.2

C/ 114 SC 114.2.2.2 Mendo, Carmen	P 41 KDPOF	L 7	# 245	C/ 114 SC 114.2.3.1 Pérez-Aranda, Rubén	<i>Р</i> 41 КDPOF	L1	# 353
Comment Type E Typo in Figure 114-8? Wh SuggestedRemedy	Comment Status X at are the multiply / add s	ymbols at the ou	tput of the path?	* Repeated sentence fr	Comment Status X disconnected to generate or om the first full stop.	utput.	
Remove the multiply / add	symbols at the output of	the path.		SuggestedRemedy			
Proposed Response	Response Status O				ce with: been serially processed, the and the 16 stored values are		exer is connected to
C/ 114 SC 114.2.2.2	P 41	L 8	# 53	* Eliminate lines 2 to 4	from first full stop of line 2.		
Gilarranz, Alejandra	KDPOF			Proposed Response	Response Status 0		
Comment Type ER	Comment Status X						
In figure 114-8, there are t SuggestedRemedy	wo unconnected operator	s (an adder and	a multiplier).	<i>Cl</i> 114 <i>SC</i> 114.2.3.1 Mendo, Carmen	<i>Р</i> 41 КDPOF	L 50	# 190
Remove unconnected (un Proposed Response	used) operators from figur Response Status O	e 114-8.		Comment Type E Typo: " the check sum	Comment Status X		
	P 5 9	L 30	# 213	SuggestedRemedy Should better read " th	ne checksum is computed"		
Mendo, Carmen	KDPOF			Proposed Response	Response Status 0		
Comment Type E Expression: complicated:	Comment Status X	nt narts symbol	scramhler "				
SuggestedRemedy	precoung. Two uncrea	it parts symbol	Sciumbier.	C/ 114 SC 114.2.3.1		L 2	# 191
Suggester to simplify: " pre below."	coding; the scrambling pr	ocess consists c	f the two parts explained	Mendo, Carmen Comment Type E	KDPOF Comment Status X		
Proposed Response	Response Status O			Typo: CRC computation	n description is repeated.		
				SuggestedRemedy	indiana ana anta da		
C/ 114 SC 114.2.3 Mendo, Carmen	<i>Р</i> 41 КDPOF	L 25	# 216	(Almost) identical desci 1) p.40 l.53 to p.41 l.2 2) p.41 l.2 to p.41 l.4		ara prociso wrt t	the figure
<i>Comment Type</i> E Expression: "A Physical H	Comment Status X eader Data (PHD) consist	s of".		Proposed Response	ersion (2) which looks a bit n <i>Response Status</i> 0	fore precise with	ווכ ווַטְעוּש.
SuggestedRemedy Should better read: "A Phy	ysical Header Data block ((PHD) consists c	f".				

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: Clause, Subclause, page, line

C/ 114 SC 114.2.3.1 Page 11 of 87 05/07/2015 22:18:28

C/ 114 SC 114.2.3.1 Ortiz Rojo, David	Р 42 КDPOF	L 4	# 308	C/ 114 SC 114.2.3.2 Ortiz Rojo, David	<i>Р42 КDPOF</i>	L 24	# 307
	Comment Status X n order from S15 to S0" is o	duplicated.			ment Status X s. This also applies to	o section 114.2.4	.2, page 49 lines 21-
SuggestedRemedy Remove duplicated senter	ance			SuggestedRemedy			
Proposed Response	Response Status O			To avoid ambiguity it should be should be scrambled with the ini mentioned in the S1 generation	itialized value of r0, i		
C/ 114 SC 114.2.3.2 Wendo, Carmen	Р 42 КDPOF	L 21	# 192	Proposed Response Respo	onse Status O		
Comment Type E Typo: " is generated by	Comment Status X a LFSR".			C/ 114 SC 114.2.3.3 Tapia, Pablo	Р 42 КDPOF	L 45	# 160
SuggestedRemedy Change to " is generate Proposed Response	ed by an LFSR" to follow t Response Status O	the usual pronun	ciation.	Comment Type E Comm "zero bits (bits with value zero)" "zero bits" is confusing. Additionally, I would keep using		•	
C/ 114 SC 114.2.3.2	P 42 KDPOF	L 24	# 159	Change: "Shortening is implemented by p this case 1151 zero bits are pref			o) to the data bits. In
Tapia, Pablo	KDFUF						
Comment Type E S0 is referring to shift reg definition in 114.2.2.1. Fi bits of the LFSR. SuggestedRemedy	Comment Status X gister LSB. Shift register bit gure 114-11 does not cont	ain any particular	naming for each of the	SuggestedRemedy To: "Shortening is implemented by p information bits." Proposed Response Respo	orefixing a sequence	of 1151 bits with	value zero to the
Comment Type E S0 is referring to shift reg definition in 114.2.2.1. Fi bits of the LFSR. SuggestedRemedy Change "value of registe modifying figures 114-7 a	Comment Status X gister LSB. Shift register bit	ain any particular egister element r	naming for each of the	To: "Shortening is implemented by p information bits."	0	of 1151 bits with	a value zero to the # <u>321</u>
Comment Type E S0 is referring to shift reg definition in 114.2.2.1. Fi bits of the LFSR. SuggestedRemedy Change "value of registe modifying figures 114-7 a	Comment Status X gister LSB. Shift register bit gure 114-11 does not cont r element S0" to "value of r and 114-11 to include the "	ain any particular egister element r	naming for each of the	To: "Shortening is implemented by p information bits." Proposed Response Response Cl 114 SC 114.2.3.3 Pérez-Aranda, Rubén	P 42 KDPOF ment Status X		
S0 is referring to shift reg definition in 114.2.2.1. Fi bits of the LFSR. SuggestedRemedy Change "value of registe	Comment Status X gister LSB. Shift register bit gure 114-11 does not cont r element S0" to "value of r and 114-11 to include the "	ain any particular egister element r	naming for each of the	To: "Shortening is implemented by p information bits." Proposed Response Response Cl 114 SC 114.2.3.3 Pérez-Aranda, Rubén Comment Type E Comm	P 42 KDPOF ment Status X		

C/ 114 SC 114.2.3.3

C/ 114 SC 114.2.3.3 Tajima, Takayuki Takayuki </th <th>P42 Yazaki corpora</th> <th>L51 ation</th> <th># 456</th> <th>C/ 114 SC 114.2.3.3 P43 L1 # 412 Pérez-Aranda, Rubén KDPOF KDPOF 412<!--</th--></th>	P 42 Yazaki corpora	L 51 ation	# 456	C/ 114 SC 114.2.3.3 P43 L1 # 412 Pérez-Aranda, Rubén KDPOF KDPOF 412 </th
Comment Type E equation(114-1)	Comment Status X			Comment Type TR Comment Status X No complete information to accurately define polynomial coefficients definition.
The equation is not corr " gi) "	ect; Missing parenthesis.			SuggestedRemedy
SuggestedRemedy Add the parenthesis. "g(i)"				Replace L1 after last full stop, with: "The 177 coefficients of G(x) are given by the hexadecimal number: bla bla g(0) being the rightmost bit."
Proposed Response	Response Status O			Similar for P51, L41: "The 309 coefficients of G(x) are given by he hexadecimal number: bla bla
C/ 114 SC 114.2.3.3	P 42	L 51	# 161	g(0) being the rightmost bit."
apia, Pablo	KDPOF			Proposed Response Response Status O
comment Type E A parenthesis is missing	Comment Status X			
uggestedRemedy g(i)				C/ 114 SC 114.2.3.3 P43 L13 # 14 Gilarranz, Alejandra KDPOF KDPOF Image: Comparison of the second seco
9(1) Proposed Response	Response Status 0			Comment Type E Comment Status X Equation 114-1. There is a missing parenthesis.
C/ 114 SC 114.2.3.3	P 42	L 51	# 193	SuggestedRemedy Add parenthesis between g and i in equation 114-1.
lendo, Carmen	KDPOF			Proposed Response Response Status O
Comment Type E	Comment Status X			
Typo: missing "(" in form	ula 114-1.			C/ 114 SC 114.2.3.3 P43 L6 # 194
uggestedRemedy Should be: "g(i)" not "gi)	n			Mendo, Carmen KDPOF
roposed Response	Response Status O			Comment Type E Comment Status X
Toposed Response				Clarify the format of G(x) as hex.
				SuggestedRemedy
				Assuming that the LSB is the rightmost bit in the hex value, but should better be specified Same comment for section 114.2.4.3.2, p.51, I.46.
				Proposed Response Response Status O

C/ 114 SC 114.2.3.3

C/ 114 SC 114.2.3.4 P43 L27 # 162 Fapia, Pablo KDPOF	C/ 114 SC 114.2.4 P43 L52 # 163 Tapia, Pablo KDPOF
Comment Type E Comment Status X Change: "The 1-bit free counter is used to control the multiplexer initially reset with value 0. Since the counter is reset for each pair of PAM symbols and PHS contains an even number of symbols, then the counter always starts at 0 for each new PHS modulation."	Comment Type E Comment Status X Redundant "symbols mapped ontosymbols" in: "As shown in Figure 114–13, the 705 600 bits per Transmit Block from 64B/65B encoding are scrambled and encoded by a Multilevel Coset Code that generates symbols mapped onto 16-PAM symbols (see Clause 114.2.4.3)."
SuggestedRemedy To:	SuggestedRemedy "As shown in Figure 114–13, the 705 600 bits per Transmit Block from 64B/65B encoder a scrambled and afterward encoded and mapped by a Multilevel Coset Code onto 16-PAM symbols (see Clause 114.2.4.3)."
"The 1-bit free counter shall be initialized to 0. Since the counter wraps around at value 1 and the PHS contains an even number of symbols, the counter always starts at 0 for each new PHS modulation."	Proposed Response Response Status O
Proposed Response Response Status O	C/ 114 SC 114.2.4 P43 L 52 # 195 Mendo, Carmen KDPOF
C/ 114 SC 114.2.3.4 P43 L27 # 298 Ortiz Rojo, David KDPOF	Comment Type E Comment Status X Typo: "The incoming data from the GMII is".
Comment Type E Comment Status X The sentence "Since the counter is reset for each pair for each new PHS modulation" does not add information to the standard and it would be more clear if this sentence is removed. SuggestedRemedy	SuggestedRemedyShould be: "The incoming data from the GMII are".Proposed ResponseResponse Status O
Remove the sentence.	C/ 114 SC 114.2.4 P44 L5 # 164
Proposed Response Response Status O	Tapia, Pablo KDPOF Comment Type E Comment Status X Change:

C/ 114 SC 114.2.4

C/ 114 SC 114.2.4 Pérez-Aranda, Rubén	<i>Р44</i> КDPOF	L 6	# 323	C/ 114 SC 114.2.4.1.1 P44 L 37 # 324 Pérez-Aranda, Rubén KDPOF KDPOF Image: State
Comment Type E L6: typo: postfixd	Comment Status X			Comment Type E Comment Status X is prepended to the eight consecutive samples
Figure 114-13: muliipl	lexer			SuggestedRemedy
SuggestedRemedy L6: replace with postfi Figure 114-13: replac				replace with: is prepended to eight consecutive samples Proposed Response Response Status O
Proposed Response	Response Status O			
C/ 114 SC 114.2.4		L6	# 165	C/ 114 SC 114.2.4.1.1 P44 L38 # 261 Mendo, Carmen KDPOF
apia, Pablo	KDPOF	20	# 105	Comment Type TR Comment Status X
comment Type E	Comment Status X			Clarify in the text what happens to GMII encodings "not relevant" for this case (eg carrier extend).
"postfixd"				SuggestedRemedy
SuggestedRemedy				The Matlab code in 114.2.4.1.2 replaces them with "normal inter-frame"; specify if this is a requirement.
"postfixed" Proposed Response	Response Status O			Proposed Response Response Status O
7 114 SC 114.2.4.		L 36	# 135	C/ 114 SC 114.2.4.1.1 P45 L38 # 174 SÃjnchez de La Lama, Carlos KDPOF
apia, Pablo	KDPOF			Comment Type E Comment Status X
Comment Type T The type control bit is	Comment Status X not really added to the 80 bit	GMII chunk, it mi	ight be confusing.	Encoding of LEN is not completely clear from the explanation (could be understood as LEN = 0 and LEN = 1 both indicating one GCTRL present in the GMII chunk).
SuggestedRemedy Proposed Response	Response Status 0			SuggestedRemedy Rephrase definition of LEN field as follows: "LEN<2:0> (CB<2:0>): This field indicates the total number of GMII control samples, encoded as the number of GCTRLs present in the GMII minus one. This field takes the
				same value for all CBs contained in the PDB.CTRL." Proposed Response Response Status O

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: Clause, Subclause, page, line

C/ 114 SC 114.2.4.1.1 Page 15 of 87 05/07/2015 22:18:29

C/ 114	SC 114.2.4.1.1	P 46	L1	# 299
Ortiz Rojo,	David	KDPOF		

Comment Type TR Comment Status X

Sentence "Since the minimum length of an ethernet packet is longer than 7 octets, all the GMII control words (GCTRLs) in a chunk must be contiguous, consequently any CBs beyond the first will also be contiguous within the PDB.CTRL" is not exact, as other posibilities exist, for example when a packet has error propagation signaled near the start or the end of the packet, or when there are badly formed short-packets (with less than 7 octets).

In the current formal description of the PCS encoding when a GMII chunk contains more than one section of contiguous GMII control words, it will generate a PDB.CTRL signaling 8 error octets. However this behavious is not desirable as it might produce interframe shrink as normal interframe might gets replaced by error octects in this situation.

SuggestedRemedy

To change the 64/65b encoding formal description by the one in the attached file named ortiz_gepof_pcsenc_proposal_v1.0.m, that contains the updated matlab formal description.

The proposed modification only differs from the one in the document when the GMII control words are not contiguous in a given GMII chunk. When this happens the GMII data octets that are present between GMII control words are replaced by forward error propagation. The proposed modification is valid as the data octects that are being replaced by forward error propagation belong either to a corrupted ethernet packet or to a badly formed short ethernet packet (with less than 8 octets). In both cases they can be safely replaced by forward error propagation control words as GMII clause 35 does not require that the error positions within a packet to be kept, it just require that the packet needs to be correctly identified as erroneous, somethink the proposed modification guarantees. The proposed modification also guarantees that normal interframe is respected, with no shrink.

Appart from this, change paragraph to:

"<Newline> Since the minimum length of an Ethernet packet is longer than 7 octets, all the GMII control words (GCTRLs) in a chunk of a correct packet must be contiguous, consequently any CBs beyond the first will also be contiguous within the PDB.CTRL. When an Ethernet packet contains errors there might be non-contiguous GMII control words within a chunk. In this case the data sections between the control words belong in any case to an erroneous ethernet packet and are transformed in error codes. The resulting GMII chunk is then encoded following the previous description. This can be seen in the formal definition of the encoding in section 114.2.4.1.2."

Proposed Response Response Status **O**

C/ 114	SC 114.2.4.1.1	P 46	L 1	# 262
Mendo, Ca	armen	KDPOF		

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

Clarify if detecting non-contiguous control samples and replacing all the chunk with "transmit error propagation" is a requirement.

SuggestedRemedy

This is not specified in the text, which implies that this is an error condition that should never happen. But the Matlab code in 114.2.4.1.2 implements this check and action (p.48 I.28).

Proposed Response Response Status **O**

C/ 114	SC	114.2.4.1.1	P 47	L 26	# 304
Ortiz Rojo,	David		KDPOF		
Comment Descri		E not clear.	Comment Status X		

SuggestedRemedy

Replace paragraph by:

"Since the number of information bits in a Transmit Block (705600 bits) is not a multiple of the PDB length, in general PDBs will not be aligned to the start of a Transmit Block Structure. To guarantee that the receiver can correctly synchronize the PCS decoder at the start of every Transmit Block Struture the field PHD.TX.NEXT.PDB.OFFSET of the Physical Header Data of transmit block j encodes the number of bits between the first payload bit of Transmit Block j+1 and the start of the first PDB encoded in Transmit Block j+1. Therefore, the receiver is able to alighn the PCS decoder for the Transmit Block j+1 once"

Proposed Response Response Status **O**

Cl 114 Pérez-Aran	SC 114.2.4.1.1 nda, Rubén	Р 47 КDPOF	L 38	# 325
Comment T In Figu	51	Comment Status X		
•	<i>Remedy</i> æ with: XT.PDB.OFFSET			
Proposed I	Response	Response Status O		

C/ 114 SC 114.2.4.1.1

C/ 114 SC 114.2.4.1.1 P47 L43 # 300 Ortiz Rojo, David KDPOF	C/ 114 SC 114.2.4.1.1 P48 L1 # 142 Tapia, Pablo KDPOF KDPOF
Comment Type E Comment Status X Description is not clear.	Comment Type TR Comment Status X Expression 114-3 is incomplete if the value for delta(0) is not specified.
SuggestedRemedy Replace "Let delta(j+1) be the offset" by: "The offset to the start of the first PDB in Transmit Block j+1 can be calculated from offset calculated for Transmit Block j by using the following equation." Proposed Response Response Status O	SuggestedRemedy Indicate that delta(0)=0 and to clarify, add also that delta(1)=40 is the offset of the second transmit block sent within the first transmit block PHD. Proposed Response Response Status O
	C/ 114 SC 114.2.4.1.2 P48 L5 # 301 Ortiz Rojo, David KDPOF Comment Type TR Comment Status X
Comment Type E Comment Status X Typo: In Figure 114-16, one index is repeated: GCTRL1 GCTRL2 GCTRL4 GCTRL SuggestedRemedy	See my comment 119.
Should be: GCTRL1 GCTRL2 GCTRL3 GCTRL4.	Proposed Response Response Status O
Should be: GCTRL1 GCTRL2 GCTRL3 GCTRL4. Proposed Response Response Status O CI 114 SC 114.2.4.1.1 P47 L50 # 413	C/ 114 SC 114.2.4.1.2 P48 L7 # 333
Should be: GCTRL1 GCTRL2 GCTRL3 GCTRL4. Proposed Response Response Status O CI 114 SC 114.2.4.1.1 P47 L50 # 413 Pérez-Aranda, Rubén KDPOF Comment Type TR Comment Status X	C/ 114 SC 114.2.4.1.2 P48 L7 # <u>333</u>
Should be: GCTRL1 GCTRL2 GCTRL3 GCTRL4. Proposed Response Response Status O C/ 114 SC 114.2.4.1.1 P47 L50 # 413 Pérez-Aranda, Rubén KDPOF	Cl 114 SC 114.2.4.1.2 P48 L7 # 333 Pérez-Aranda, Rubén KDPOF Comment Type E Comment Status X Font size may be reduced SuggestedRemedy Typically used for code in 802.3: Courier 12pt Comments in bold font
Should be: GCTRL1 GCTRL2 GCTRL3 GCTRL4. Proposed Response Response Status O Cl 114 SC 114.2.4.1.1 P47 L50 # 413 Pérez-Aranda, Rubén KDPOF Comment Type TR Comment Status X Wrong equation that defines mod(x,y) SuggestedRemedy	Cl 114 SC 114.2.4.1.2 P48 L7 # 333 Pérez-Aranda, Rubén KDPOF Comment Type E Comment Status X Font size may be reduced SuggestedRemedy Typically used for code in 802.3: Courier 12pt
Should be: GCTRL1 GCTRL2 GCTRL3 GCTRL4. Proposed Response Response Status O Cl 114 SC 114.2.4.1.1 P47 L50 # 413 Pérez-Aranda, Rubén KDPOF Comment Type TR Comment Status X Wrong equation that defines mod(x,y) SuggestedRemedy Replace with:	C/ 114 SC 114.2.4.1.2 P48 L7 # 333 Pérez-Aranda, Rubén KDPOF Comment Type E Comment Status X Font size may be reduced SuggestedRemedy Typically used for code in 802.3: Courier 12pt Comments in bold font Apply to all the source codes provided as formal definition.

C/ 114 SC 114.2.4.1.2

C/ 114 SC 114.2.4.3 Wendo, Carmen	<i>Р</i> 49 КDPOF	L 42	# 197	<i>Cl</i> 114 <i>SC</i> 114.2.4. Tapia, Pablo	8 P49 KDPOF	L 42	# 85
Comment Type E Typo: "After encpsulation SuggestedRemedy				Comment Type E Not clear enough. Rev "After encapsulation o symbols"	Comment Status X rrite. f the GMII data stream and s	crambling it is end	coded into 16-PAM
Should be: "After encap Proposed Response	Response Status O			SuggestedRemedy "After being encapsula	ted and scrambled, the GMI	I data stream is e	ncoded into 16-PAM
C/ 114 SC 114.2.4.3 Gilarranz, Alejandra	<i>P</i> 49 KDPOF	L 42	# [16	symbols." Proposed Response	Response Status O		
Comment Type E Missing comma after "s	Comment Status X			Cl 114 SC 114.2.4.3 Gilarranz, Alejandra	8 <i>P</i> 49 KDPOF	L 42	# 15
				o (T -	O		
Proposed sentence: "A	fter encapsulation and scram	nbling of GMII dat	a stream, it is encoded	Comment Type E Typing error in word "e	Comment Status X encapsulation".		
SuggestedRemedy Proposed sentence: "A into 16-PAM symbols Proposed Response		nbling of GMII dat	a stream, it is encoded	Typing error in word "e SuggestedRemedy			
Proposed sentence: "A into 16-PAM symbols Proposed Response	"	biling of GMII dat	a stream, it is encoded # 302	Typing error in word "e SuggestedRemedy	encapsulation".		
Proposed sentence: "A into 16-PAM symbols Proposed Response C/ 114 SC 114.2.4.3 Drtiz Rojo, David	" Response Status O P 49 KDPOF	Ĵ		Typing error in word "e SuggestedRemedy Write "encapsulation"	ncapsulation". nstead of "encpsulation". <i>Response Status</i> O	L50	# 198
Proposed sentence: "A into 16-PAM symbols Proposed Response Cl 114 SC 114.2.4.3 Drtiz Rojo, David Comment Type E	" Response Status O	Ĵ		Typing error in word "e SuggestedRemedy Write "encapsulation" Proposed Response Cl 114 SC 114.2.4.3 Mendo, Carmen	ncapsulation". nstead of "encpsulation". <i>Response Status</i> O <i>P</i> 49 KDPOF	Ĺ50	# 198
Proposed sentence: "A into 16-PAM symbols Proposed Response C/ 114 SC 114.2.4.3 Ortiz Rojo, David Comment Type E Typo "encpsulation".	" Response Status O P 49 KDPOF Comment Status X	Ĵ		Typing error in word "e SuggestedRemedy Write "encapsulation" Proposed Response Cl 114 SC 114.2.4.3 Mendo, Carmen Comment Type E	encapsulation". Instead of "encpsulation". Response Status O B P49 KDPOF Comment Status X . are protected with a (1976,		
Proposed sentence: "A into 16-PAM symbols Proposed Response Cl 114 SC 114.2.4.3 Ortiz Rojo, David Comment Type E Typo "encpsulation". SuggestedRemedy	" Response Status O P 49 KDPOF Comment Status X	Ĵ		Typing error in word "e SuggestedRemedy Write "encapsulation" Proposed Response Cl 114 SC 114.2.4.3 Mendo, Carmen Comment Type E Expression: "The bits that provides powerful SuggestedRemedy Suggest to remove "by	encapsulation". Instead of "encpsulation". Response Status O B P49 KDPOF Comment Status X . are protected with a (1976,	1668) BCH code	by adding parity bits

C/ 114 SC 114.2.4.3

C/ 114 SC 114.2.4.3 Tapia, Pablo	<i>Р49</i> КDPOF	L 50	# 86	Cl 114 SC 114.2.4.3.1 Gilarranz, Alejandra	<i>Р</i> 51 КDPOF	L14	# 73
Comment Type E	Comment Status X			Comment Type T Co	omment Status X		
If "that provides" applies "parity bits that provide p	s to "the bits", remove "s" powerful error correction"			Numbers in description corres same text, "1917" has been v			s or bits triples. In the
If applies to code change	e order or rewrite sentence.			SuggestedRemedy			
SuggestedRemedy				Replace text by: ", input bits 2912 to 2915 are assigned in 20, and so on up to 2916, 29	order to the first level,	and input bits 4,	5, 6, 11, 12, 13, 18, 19
Proposed Response	Response Status O			Proposed Response Res	sponse Status O		
C/ 114 SC 114.2.4.3 Pérez-Aranda, Rubén	<i>Р49</i> КDPOF	L 53	# 326	C/ 114 SC 114.2.4.3.1 Mendo, Carmen	<i>Р51</i> КDPOF	L 5	# 199
Comment Type E	Comment Status X			·····//·· =	omment Status X		
802.3. It is more commo	eneral X-QAM, is not common on QAM16.	to indicate M-a	ry QAM modulation in	Expression: using "quadruple	" instead of "quadruple	et" and "triple" ins	tead of "triplet".
802.3. It is more commo		to indicate M-a	ry QAM modulation in	SuggestedRemedy			
	on QAM16.	to indicate M-a	ry QAM modulation in		adruplet" and "triple" w	'ith "triplet" when	·
802.3. It is more commo SuggestedRemedy Replace in all the docum	on QAM16.	to indicate M-a	ry QAM modulation in	SuggestedRemedy Replace "quadruple" with "qu 3) bits". Several occurrences	adruplet" and "triple" w	'ith "triplet" when	
802.3. It is more commo SuggestedRemedy Replace in all the docum Proposed Response	n QAM16. nent X-QAM by QAMX.	to indicate M-a	ry QAM modulation in # 375	SuggestedRemedy Replace "quadruple" with "qu 3) bits". Several occurrences Proposed Response Response Cl 114 SC 114.2.4.3.2	adruplet" and "triple" w in this section: I.5, I.13 sponse Status O P 51	'ith "triplet" when	
802.3. It is more commo SuggestedRemedy Replace in all the docum Proposed Response Cl 114 SC 114.2.4.3 Pérez-Aranda, Rubén Comment Type T	n QAM16. nent X-QAM by QAMX. <i>Response Status</i> O <i>P</i> 50			SuggestedRemedy Replace "quadruple" with "qu 3) bits". Several occurrences Proposed Response Cl 114 SC 114.2.4.3.2 Ortiz Rojo, David	adruplet" and "triple" w in this section: I.5, I.13 sponse Status O	ith "triplet" when , l.14	meaning "a set of 4 (c
802.3. It is more commo SuggestedRemedy Replace in all the docum Proposed Response Cl 114 SC 114.2.4.3 Pérez-Aranda, Rubén Comment Type T	on QAM16. nent X-QAM by QAMX. <i>Response Status</i> O <i>P</i> 50 KDPOF <i>Comment Status</i> X abols per two dimensions."			SuggestedRemedy Replace "quadruple" with "qu 3) bits". Several occurrences Proposed Response Response Cl 114 SC 114.2.4.3.2 Ortiz Rojo, David Comment Type E Comment explanation.	adruplet" and "triple" w in this section: I.5, I.13 sponse Status O P 51 KDPOF	ith "triplet" when , l.14	meaning "a set of 4 (c
802.3. It is more commo SuggestedRemedy Replace in all the docum Proposed Response Cl 114 SC 114.2.4.3 Pérez-Aranda, Rubén Comment Type T " same number of sym Sentence is not complet	on QAM16. nent X-QAM by QAMX. <i>Response Status</i> O <i>P</i> 50 KDPOF <i>Comment Status</i> X abols per two dimensions."			SuggestedRemedy Replace "quadruple" with "qu 3) bits". Several occurrences Proposed Response Cl 114 SC 114.2.4.3.2 Ortiz Rojo, David Comment Type E Comment Type	adruplet" and "triple" w in this section: I.5, I.13 sponse Status O P51 KDPOF omment Status X	/ith "triplet" when , l.14 <i>L</i> 36	meaning "a set of 4 (c
802.3. It is more commo SuggestedRemedy Replace in all the docum Proposed Response Cl 114 SC 114.2.4.3 Pérez-Aranda, Rubén Comment Type T " same number of sym Sentence is not complet SuggestedRemedy Improve sentence like:	on QAM16. nent X-QAM by QAMX. <i>Response Status</i> O <i>P</i> 50 KDPOF <i>Comment Status</i> X abols per two dimensions."	L1		SuggestedRemedy Replace "quadruple" with "qu 3) bits". Several occurrences Proposed Response Res Cl 114 SC 114.2.4.3.2 Ortiz Rojo, David Comment Type E Comment Type Redundant explanation. SuggestedRemedy	adruplet" and "triple" w in this section: I.5, I.13 sponse Status O P51 KDPOF omment Status X "Shortening is implement its. In particular, in this	tith "triplet" when , l.14 <i>L</i> 36 ented by prefixing case 71 zero bits	meaning "a set of 4 (o # <u>303</u> g some zero bits (bits s are prefixed to the

C/ 114 SC 114.2.4.3.2

C/ 114 SC 114.2.4. Mendo, Carmen	3.2 <i>P</i> 52 KDPOF	L 2	# 246	Cl 114 SC 114.2.4.3.3 P52 L34 # 75 Gilarranz, Alejandra KDPOF
Comment Type E Typo: "pc=nc-kc" shou	Comment Status X uld be "p=n-k" to follow the no	tation in this secti	on.	Comment TypeTComment StatusXNumber of two-dimensional symbols (988) is not correct.
SuggestedRemedy Replace the formula w Proposed Response	vith "p=n-k". Response Status O			SuggestedRemedy Replace number by text: " coded bits is mapped into N_MLCC/2 = 494 two-dimension symbols." Proposed Response Response Status O
ilarranz, Alejandra	KDPOF	L 23	# [74	C/ 114 SC 114.2.4.3.3 P53 L1 # 327 Pérez-Aranda, Rubén KDPOF
Comment Type T Figure 114-21. "s0" is adder. SuggestedRemedy	Comment Status X written in second storage pos	sition instead of "s	1" after the first mod-2	Comment Type E Comment Status X "For the first level" sentence is the same information already provided in previous paragraph.
Replace "s0" by "s1".				SuggestedRemedy Remove sentence
Proposed Response	Response Status O			Proposed Response Response Status O
C/ 114 SC 114.2.4. Tapia, Pablo	3.3 <i>P</i> 52 KDPOF	L 32	# 143	C/ 114 SC 114.2.4.3.3 P53 L36 # 87
Comment Type TR NMLCC/2 shall be 494 SuggestedRemedy	Comment Status X 4 symbols.			Comment Type E Comment Status X In expression 114-6, the kQ shall be rounded down, but the rounded up symbol is used
Proposed Response	Response Status O			SuggestedRemedy Change to rounding-down symbol. Proposed Response Response Status O

Gilarranz, Alejandra KDPOF Gilarranz, Alejandra KDPOF Comment Type TR Comment Status X Equation 114-6. Rounding up symbol in component Q is wrong. Equation 114-6. Rounding up symbol in component Q is wrong. SuggestedRemedy Replace rounding up symbol with rounding down symbol. Proposed Response Response Status O C/ 114 SC 114.2.4.3.3 P53 L36 # 414	
Equation 114-6. Rounding up symbol in component Q is wrong. Layout: formulae 114-7 and 114-8, and Figure 114-23 shown and the paragraph on p.54, l.6). SuggestedRemedy Response Status O Proposed Response Response Status O C/ 114 SC 114.2.4.3.3 P53 L36 # [414]	
Replace rounding up symbol with rounding down symbol. Keep formulae 114-7 and 114-8 on the same page, and n Proposed Response Response Status No Keep formulae 114-7 and 114-8 on the same page, and n The paragraph on p.54, I.6). Proposed Response Response Status No Keep formulae 114-7 and 114-8 on the same page, and n The paragraph on p.54, I.6). Proposed Response Response Status No Keep formulae 114-7 and 114-8 on the same page, and n The paragraph on p.54, I.6). Keep formulae 114-7 and 114-8 on the same page, and n The paragraph on p.54, I.6). Keep formulae 114-7 and 114-8 on the same page, and n The paragraph on p.54, I.6). Keep formulae 114-7 and 114-8 on the same page, and n The paragraph on p.54, I.6). Keep formulae 114-7 and 114-8 on the same page, and n The paragraph on p.54, I.6). Keep formulae 114-7 and 114-8 on the same page, and n The paragraph on p.54, I.6). Keep formulae 114-7 and 114-8 on the same page, and n The paragraph on p.54, I.6). Keep formulae 114-7 and 114-8 on the same page, and n The paragraph on p.54, I.6). Keep formulae 114-7 and 114-8 on the same page, and n The paragraph on p.54, I.6). Keep formulae 114-7 and 114-8 on the same page, and n The paragraph on p.54, I.6).	move Figure 114-23 up (just be
C/ 114 SC 114.2.4.3.3 P53 L36 # 414	
erez-Aranda, Ruben KDPOF Mendo. Carmen KDPOF	L 21 # 202
omment Type TR Comment Status X Wrong equation for kQ. Comment Type E Comment Status X uggestedRemedy Typo: incomplete title of Figure 114-24 (missing constellar)	ation size).
Replace with: SuggestedRemedy kQ = floor(kQAM/2) Would be more complete as "Figure 114-24 - 8-QAM quarter of the second seco	asi-Gray mapper" (add "8-").
Proposed Response Response Status O Proposed Response Response Status O	
/ 114 SC 114.2.4.3.3 P53 L 39 # 354 C/ 114 SC 114.2.4.3.3 P55 érez-Aranda, Rubén KDPOF Mendo, Carmen KDPOF	L 28 # 201
Comment Type ER Comment Status X Comment Type E Comment Status X "That's why" Expression: " kQAM is odd, so that the upper branch". This sentence should be descriptive not justificatory. Expression: " kQAM is odd, so that the upper branch".	'.
uggestedRemedy Suggest that for the meaning this should rather read: " k Eliminate. " (remove "that").	kQAM is odd, so the upper brar
Proposed Response Response Status 0 Proposed Response Response Status 0	

C/ 114 SC 114.2.4.3.3

% 114 SC 114.2.4.3.3 P55 L30 # 166 Ãjinchez de La Lama, Carlos KDPOF Image: Carlos KDPOF Image: Carlos KDPOF	C/ 114 SC 114.2.4.3.4 P 56 L 14 # 32 Gilarranz, Alejandra KDPOF KDPOF
Comment Type E Comment Status X No mention of reset value of free counter controlling the demultiplexer. Also left unsaid is when it should be reset.	Comment Type E Comment Status X Equation 114.12. Wrong variable "j" instead of "x" is said to belong to the set of complex numbers.
tuggestedRemedy	SuggestedRemedy
Add the following the paragraph ending on line 30: "The reset state of the counter should be zero. Since the counter is reset for each set of kQAM bits, it always starts at zero for each new codeword entering the mapper."	Replace expression by:"For all x belonging to the set of complex numbers."Proposed ResponseResponse StatusO
Proposed Response Response Status O	
7/ 114 SC 114.2.4.3.3 P55 L32 # 355	C/ 114 SC 114.2.4.3.4 P56 L16 # 203 Mendo, Carmen KDPOF
érez-Aranda, Rubén KDPOF	Comment Type E Comment Status X Typo: " wherein "rem" operator denotes reminder after integer division."
Comment Type ER Comment Status X L32: This sentence together with equation is already introduced in first level mapping, therefore provide redundant information not needed. Image: Comment Status X	SuggestedRemedy Should be "remainder" not "reminder".
L39: "That's why"	Proposed Response Response Status O
uggestedRemedy	
L32: Eliminate. L38: Replace by "Therefore"	C/ 114 SC 114.2.4.3.4 P56 L22 # 328 Pérez-Aranda, Rubén KDPOF
Proposed Response Response Status O	Comment Type E Comment Status X no space before Lambda_1_t
% 114 SC 114.2.4.3.4 P55 L51 # 88 apia, Pablo KDPOF	SuggestedRemedy add space
Comment Type E Comment Status X Wrong alignment between points 1 and 2. Seems that there is an extra space in "1)"	Proposed Response Response Status O
SuggestedRemedy	
Proposed Response Response Status O	

C/ 114 SC 114.2.4.3.4

C/ 114 SC 114.2.4.3.4 P56 Pérez-Aranda, Rubén KDPOF	L 4 #	415 C/ 114 SC 114.2.4.3.6 P57 L51 # Mendo, Carmen KDPOF	205
Comment Type TR Comment Status X Lambda_1_t(I) is not correct		Comment Type E Comment Status X Expression, redundant info.	
SuggestedRemedy Replace with: Lambda_1,1_t(I)		SuggestedRemedy Suggest to skip the reference to components (just explained): remove: "whose in-phase and quadrature respectively, "	
Proposed Response Response Status O		Proposed Response Response Status O	
C/ 114 SC 114.2.4.3.5 P57 Mendo, Carmen KDPOF	L 21 #	204 <i>Cl</i> 114 SC 114.2.4.3.6 <i>P</i> 58 <i>L</i> 13 # [SÃjnchez de La Lama, Carlos KDPOF	167
Comment Type E Comment Status X Expression: this paragraph looks too verbose?		Comment Type E Comment Status X Formula (114-14) has mod function arguments reversed.	
SuggestedRemedy Replace II.21-24 ("After performing in Figure 114- At the output of the first lattice transformation, the s together as shown in Figure 114-27, thus performin	symbols from the two levels		
resulting in-phase and quadrature components are respectively.	hereafter labeled as SIa an	d SQa Proposed Response Response Status O	
Proposed Response Response Status O		C/ 114 SC 114.2.4.3.6 P58 L16 #	329
C/ 114 SC 114.2.4.3.6 P57	L 51 #	206 Pérez-Aranda, Rubén KDPOF Comment Type E Comment Status X	
Mendo, Carmen KDPOF		Equation of psi may be eliminated since it was already introduced before	
		SuggestedRemedy	
Mendo, CarmenKDPOFComment TypeEComment StatusX			

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Cl 114 SC 114.2.4.3 Mendo, Carmen	.6 <i>P</i> 58 KDPOF	L 16	# 209		P58 L38	# 210
Comment Type E Expression on II.16-18:	Comment Status X "Second lattice transformation	on operates res	spectively".	Comment Type E Comment Sta Expression: "Since in the above that sh		
consider that x is a con	sformation operates on 2D s nplex number where the real re components of the 2D sym	and imaginary p		SuggestedRemedy For clarity, suggest to replace the beginn "Note that the divisor in the modulo open simplified into a logic "AND". Figure 114-	ation above is a power of 2	; it can therefore be
Proposed Response	Response Status O			Proposed Response Response Stat	us O	
C/ 114 SC 114.2.4.3 Gilarranz, Alejandra	.6 <i>P</i> 58 KDPOF	L 23	# 33		P 58 L 44 DPOF	# 356
Comment Type E Symbol "S^a" subindex	Comment Status X res "1" and "2" are not correct			Comment Type ER Comment Sta Figure 114-29 is not consistent with nom		eration in the text
SuggestedRemedy Replace subindexes by	"I" and "Q" for symbol "S^a"			SuggestedRemedy Replace mod 2^ceil(psi) by "mod(X, 2^ce	eil(psi))	
Proposed Response	Response Status O			Proposed Response Response Stat	us O	
C/ 114 SC 114.2.4.3 Mendo, Carmen	.6 <i>P</i> 58 KDPOF	L 3	# 207		P58 L8 DPOF	# 208
Comment Type E Typo: "Modulo operatio	Comment Status X n which constraints".			Comment Type E Comment Sta Expression: "In particular, the complete s		
SuggestedRemedy	eration which constrains". p.58 l.21.			SuggestedRemedy Remove "In particular".		

Proposed Response Response Status **0**

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

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C/ 114 SC 114.2.4.3.7 Mendo, Carmen	<i>Р58</i> КDPOF	L 53	# 211	Cl 114 SC 114.2.4.4 Tapia, Pablo	P 59 KDPOF	L 39	# 89
Comment Type E Commen Expression: redundant: "The multip	nt Status X	performed by th	ne multiplexer".	Comment Type E In "b0:3" use subscript f	Comment Status X		
SuggestedRemedy Remove "multiplexing" at the begin	ning of the senter	ice.		SuggestedRemedy			
Proposed Response Response	e Status O			Proposed Response	Response Status O		
C/ 114 SC 114.2.4.3.7 Tajima, Takayuki	P 59 Yazaki corpora	L24 ation	# 455	C/ 114 SC 114.2.4.4 Pérez-Aranda, Rubén	<i>Р</i> 59 КDPOF	L 43	# 331
Comment Type E Commen	nt Status X			Comment Type E	Comment Status X		
Figure 114-30 typo:"multiplerer"				Voronoi's region peda explanation may be imp	ntic term not needed for the roved.	e functionality des	cription and
SuggestedRemedy				SuggestedRemedy			
Replace by "multiplexer"				Replace sentence with:			1 4 - 6 41 1 4
Proposed Response Response	e Status O				es the scrambled symbols patible with the subsequen		
				defined as.			
	<i>Р</i> 59 КDPOF	L 6	# 212	•	Response Status O		
Mendo, Carmen		L6	# 212	defined as.		L 22	# <u>215</u>
Mendo, Carmen Comment Type E Commen	KDPOF nt Status X	L6	# 212	defined as. Proposed Response Cl 114 SC 114.2.4.4 Mendo, Carmen Comment Type E	Response Status O	L 22	
Mendo, Carmen Comment Type E Commen Expression: "should be reset". SuggestedRemedy Suggest to replace with "shall be re	KDPOF nt Status X	<i>L</i> 6	# 212	defined as. Proposed Response Cl 114 SC 114.2.4.4 Mendo, Carmen Comment Type E Typo? In Figure 114-32, SuggestedRemedy	Response Status O P 60 KDPOF Comment Status X	L22 AM Encoder".	
Mendo, Carmen Comment Type E Commen Expression: "should be reset". SuggestedRemedy Suggest to replace with "shall be re	KDPOF nt Status X eset".	L6 L36	# <u>212</u> # <u>214</u>	defined as. Proposed Response Cl 114 SC 114.2.4.4 Mendo, Carmen Comment Type E Typo? In Figure 114-32, SuggestedRemedy	Response Status O P60 KDPOF Comment Status X input is: "From coded 16-P	L22 AM Encoder".	
Mendo, Carmen <i>Comment Type</i> E <i>Commen</i> Expression: "should be reset". <i>SuggestedRemedy</i> Suggest to replace with "shall be re <i>Proposed Response Response</i> <i>Cl</i> 114 <i>SC</i> 114.2.4.4 Mendo, Carmen	KDPOF nt Status X eset". e Status O			defined as. Proposed Response Cl 114 SC 114.2.4.4 Mendo, Carmen Comment Type E Typo? In Figure 114-32, SuggestedRemedy Remove "coded"? Bette	Response Status O P60 KDPOF Comment Status X input is: "From coded 16-P	L22 AM Encoder".	
Mendo, Carmen <i>Comment Type</i> E <i>Commen</i> Expression: "should be reset". <i>SuggestedRemedy</i> Suggest to replace with "shall be re <i>Proposed Response Response</i> <i>Cl</i> 114 <i>SC</i> 114.2.4.4 Mendo, Carmen <i>Comment Type</i> E <i>Commen</i>	KDPOF nt Status X eset". e Status O P59 KDPOF nt Status X			defined as. Proposed Response Cl 114 SC 114.2.4.4 Mendo, Carmen Comment Type E Typo? In Figure 114-32, SuggestedRemedy Remove "coded"? Bette	Response Status O P60 KDPOF Comment Status X input is: "From coded 16-P	L22 AM Encoder".	

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: Clause, Subclause, page, line

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C/ 114 SC 114.2.4.4 Pérez-Aranda, Rubén	Р 60 КDPOF	L 22	# 330	C/ 114 SC 114.2.4.5 P60 L45 # 81 Gilarranz, Alejandra KDPOF <
Comment Type E Figure 114-32 can be in	Comment Status X			Comment Type TR Comment Status X In equation 114-17, term v(m) must be added instead of subtracted.
Eliminate Fs, since it is Eliminate [-2^k, 2^k) fro	u and y, since it is not necess not necessary and complicat om modulo box. lesis in the 1st argument of m	e the figure.	oduce confusion.	SuggestedRemedyReplace equation with u(m) = x(m) + v(m)Proposed ResponseResponse StatusO
Proposed Response	Response Status O			C/ 114 SC 114.2.4.5 P60 L47 # 332 Pérez-Aranda, Rubén KDPOF KDPOF Image: state sta
Cl 114 SC 114.2.4.4 Gilarranz, Alejandra	P 60 KDPOF	L 23	# 80	Comment TypeEComment StatusXEquation 114-18 can be simplified. The term M does not provide additional information.
Comment Type TR In figure 114-32, expre SuggestedRemedy	Comment Status X ssion [-2 ^k , -2 ^k) is incorrect.			SuggestedRemedy Replace by: y(m) = mod(u(m) + 16, 32) - 16
Replace expression wit	th [-2^k, 2^k)			and eliminate the sentence later in L51, since it does not provide value.
Proposed Response	Response Status O			Proposed Response Response Status O
C/ 114 SC 114.2.4.5 Pérez-Aranda, Rubén	<i>Р</i> 60 КDPOF	L 41	# 388	C/ 114 SC 114.2.4.5 P60 L 52 # 217 Mendo, Carmen KDPOF
Comment Type TR Wrong equation for cal	Comment Status X culation of v(m).			Comment Type E Comment Status X Typo: " the symbols at the input of THP belogs to".
SuggestedRemedy Replace "m - i + 1" with	n "m - i - 1", as:			SuggestedRemedy Should read: " the symbols at the input of the THP belong to".
v(m) = sum(i=0, Nb-1, I Proposed Response	b(i)*y(m-i-1)); Response Status O			Proposed Response Response Status O

C/ 114 SC 114.2.4.5

C/ 114 SC 114.2.4.5 Mendo, Carmen	<i>Р</i> 60 КDPOF	L 53	# 218	C/ 114 SC 114.3 Tapia, Pablo	<i>Р</i> 61 КDPOF	L 21	# 90
Comment Type E Layout: range of values	Comment Status X split over different pages.			<i>Comment Type</i> E Remove comma in "the F	Comment Status X Physical Header Data (PHD)) and, the PHY c	control state"
SuggestedRemedy Keep the range "[-16,16)" in the same page and line	for clarity.		SuggestedRemedy			
Proposed Response	Response Status O			Proposed Response	Response Status O		
C/ 114 SC 114.2.4.5 Gilarranz, Alejandra	Р61 КDPOF	L 9	# 82	C/ 114 SC 114.3 Tapia, Pablo	<i>Р</i> 82 КDPOF	L1	# 131
Comment Type TR In figure 114-33, v(m) te	Comment Status X erm is subtracted to x(m). It s	hould be added i	nstead.	Comment Type ER Some fields in Table 114	Comment Status X -3 are repeated. The conta	ined information	is inconsistent.
SuggestedRemedy Remove minus sign at t	he adder input of v(m) in figu	ıre 114-33.		SuggestedRemedy Review table contents.			
Proposed Response	Response Status O			Proposed Response	Response Status O		
C/ 114 SC 114.3 Mendo, Carmen	<i>Р</i> 61 КDPOF	L 20	# 219	C/ 114 SC 114.3.1 Pérez-Aranda, Rubén	<i>Р</i> 61 КDPOF	L 51	# 376
	Comment Status X PHY control state diagrams t	that involve both	the local PHY and the	Comment Type T Description is not technic	Comment Status X cally accurate		
link partner PHY." SuggestedRemedy	and simplify for example:		7e 11	particular, PHD.CAP.LPI	about the capability of the is used by the PHY to advo hereas PHD.CAP.OAM sig	ertise Energy-Effi	icient Ethernet (EEE) is
Remove extra comma a	es that control both the local Response Status O	and remote PHY	s.	enabled the capability to	run the OAM (Operations, , ocol. PHD.OAM.* fields are		nd Management)

C/ 114 SC 114.3.1

		0		•			
C/ 114 SC 114.3.1 Mendo, Carmen	Р 62 КDPOF	L1	# 220	C/ 114 SC 114.3.1 Pérez-Aranda, Rubén	Р 62 КDPOF	L 4	# 334
Comment Type E Expression: " reserve	Comment Status X d for the exchange of OAM me	essages itself."		Comment Type E to the more significa	Comment Status X nt bit		
SuggestedRemedy Singular "itself" is incor Proposed Response	rrect. Suggest: " reserved for Response Status O	the contents of	the OAM messages."	SuggestedRemedy Replace with: to the most significa Proposed Response	nt bit <i>Response Status</i> O		
Cl 114 SC 114.3.1 Ortiz Rojo, David Comment Type E Typo: "OAM messages SuggestedRemedy	P62 KDPOF Comment Status X s itself".	L 2	# 443	Cl 114 SC 114.3.1 Pérez-Aranda, Rubén Comment Type E Description may be be	P62 KDPOF <i>Comment Status</i> X tter	L8	# 335
Replace "itself" by "the Proposed Response	mselves" Response Status O				transmitted to the link partne link partner (from remote to		
C/ 114 SC 114.3.1 Gilarranz, Alejandra	<i>Р</i> 62 КDPOF	L 4	# 34	Proposed Response	Response Status O		
Comment Type E Error in text "All the PH	Comment Status X ID fiels are transmitted from th	e least to the m	ore significant bit"				
SuggestedRemedy Replace "more significa	ant bit" by "most significant bit	" in text.					
Proposed Response	Response Status O						
<i>Cl</i> 114 SC 114.3.1 Mendo, Carmen	Р 62 КDPOF	L 4	# 221				
Comment Type E Typo: " from the least	Comment Status X to the more significant".						
SuggestedRemedy Should read: " from th	ne least to the most significant	".					
Proposed Response	Response Status 0						

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

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C/ 114	SC 114.3.1	P 63	L 13	# 417	P64, "0: EB
Pérez-Ara	anda, Rubén	KDPOF			1: EE
Comment		omment Status X			P64,
P63,	L13: Description of PHE L26: In description of PI cients are exactly the sa	HD.RX.REQ.THP.COE	F[0:8] it should b	e indicated that b(k)	"This transi
P63, P63, P64, P64,	L36: wrong reference L46: wrong reference L5, Description: I miss a L5, Valid values: elimina	a cross reference ate example, because		15 and formal definition	P64, "0: O/ 1: O/ Proposed
P64,	vided for fixed-point for L14: vague L20: vague	mat.			
	dRemedy				Cl 114 Pérez-Ara
"Used the fir	to announce to the rec rst payload data sub-blo ates the first PDB starts	ck in the next Transmi	Block (see 114.2	2.4.1.1). Offset 0	Comment PMD
P47, " is		e receiver the offset in	number bits of th	e start of the first PDB	<i>Suggeste</i> P62, disab
P63, "Requ	L26, Description: uested THP coefficients	set when PHD.RX.RE	Q.THP.SETID is	not equal to 0.	P66, is dis
	e are the 9 coefficients I) (See 114.2.4.5)		P66,
	L26, Valid values: (see 114.3.4)"				P68,
P63,	L36:				P68,
	114.3.2.3)"				P69,
P63, "(see	L46: 114.3.2.1.4)"				Proposed
	L5, Description: 114.3.2.3)"				
Elimir	L5, Vaid values: nate example. (see 114.3.4)"				
"This	L14, Description: field indicates the PHY eceive Low Power Idles				

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: Clause, Subclause, page, line

C/ 114 SC 114.3.2.1.1 Page 29 of 87 05/07/2015 22:18:30

P64, L14, Valid values: "0: EEE is not supported or is disable 1: EEE is supported and is enable"

P64, L20, Description:

"This field indicates the PHY supports and is enable for OAM protocol, so that it is able to transmit and receive management information by using the PHD OAM.* fields (see 114.4)"

P64, L20, Valid values: "0: OAM is not supported or is disable 1: OAM is supported and is enable"

Proposed Response Response Status **0**

C/ 114	SC 114.3.2.1.1	P 62	L 47	# 419
Pérez-Ara	nda, Rubén	KDPOF		

Comment Type TR Comment Status X

PMD is connected to PCS, but not PMA, accoding to functional block diagram of 114.1.5

SuggestedRemedy

P62, L47: "Upon reset or disconnection of the PCS from the PMD, PHY receive operation is disabled. Once the PCS is connected to the PMD ..."

P66, L1: "Upon reset or disconnection of the PCS from the PMD, PHY transmitter operation is disabled. Once the PCS is connected to the PMD ..."

P66, L19: "Upon reset or disconnection of the PCS from the PMD, ..."

P68, L6: "Upon reset or disconnection of the PCS from the PMD, ..."

P68, L51: "Upon reset or disconnection of the PCS from the PMD, ..."

P69, L30: "Upon reset or disconnection of the PCS from the PMD, ..."

Proposed Response Response Status O

Cl 114 SC 114.3.2.1. Mendo, Carmen	1 <i>P</i> 62 KDPOF	L 48	# 222	Cl 114 SC 114.3.2.1 Mendo, Carmen	I. 1 <i>P</i> 63 KDPOF	L 1	# 225
Comment Type E Expression: " shall car	Comment Status X ry out the clock recovery".			Comment Type E Confusing layout: loca	Comment Status X tion of Table 114-2??		
Also on p.62 l.52-53: "	m the clock recovery". shall be carried out". carry out continuous adaptation	on".		SuggestedRemedy Move to the end of 114 Proposed Response	4.3.1. Response Status O		
Proposed Response	Response Status O			Cl 114 SC 114.3.2. 1 Gilarranz, Alejandra	I. 1 <i>P</i> 63 KDPOF	L1	# 17
C/ 114 SC 114.3.2.1. Mendo, Carmen	1 <i>P</i> 62 KDPOF	L 49	# 223	Comment Type E Table 114-2 "Physical state diagram descript	Comment Status X Header Data definition" is p ions"	laced in subclause	e named "PMA control
Comment Type E Format: avoid splitting n	Comment Status X nnemonics between lines.			SuggestedRemedy Place Table 114-2 in s	ubclause 114.3.1 ("Physica	l Header Data")	
SuggestedRemedy Keep "PMARX_TIMING	S_COARSE" in one line.			Proposed Response	Response Status O		
Proposed Response	Response Status O			C/ 114 SC 114.3.2.1 Pérez-Aranda, Rubén	I. 1 <i>P</i> 65 KDPOF	L 23	# 416
7 114 SC 114.3.2.1. lendo, Carmen	1 <i>P</i> 62 KDPOF	L 54	# 224	Comment Type TR " or based blind algo		terining in offer s	
omment Type E	Comment Status X				ct because the equalization s not been estimated yet to		
Confusing format: do no	ot cut a sentence with a 3-pag	e table.		SuggestedRemedy			
SuggestedRemedy The sentence starting a (before Table 114-2).	t p.62 I.54 and continued at p	.65 I.23 should i	instead finish at p.63 l.1	Replace with from P62 "Fine timing recovery r received S1 and S2 pil	nay be implemented based	on data-aided alg	orithms that use the
Proposed Response	Response Status O			P65, L29: Eliminate "as already r	nentioned"		
				Proposed Response	Response Status O		

C/ 114 SC 114.3.2.1.1

C/ 114 SC 114.3.2.1. 1 Mendo, Carmen	I P65 KDPOF	L 29	# 226	C/ 114 SC 114.3.2.1.4 Pérez-Aranda, Rubén	1 P65 KDPOF	L 32	# 336
Comment Type E	Comment Status X			Comment Type E	Comment Status X		
Confusing expression (a REMPHD.RX.HDRSTAT	nd wrong reference?): "Bline 'US, see 114.3.2)".	d tracking algorith	hms in	L32: Wrong reference			
SuggestedRemedy				L38: Wrong reference			
algorithms, these may be receiver should be able t	re simply and change the fir e enabled once equalizers a to reliably extract the PHD s hine whether the remote PH ble 114-2)."	are trained. Also a sent by the link pa	at this point the PHY artner; in particular it	SuggestedRemedy L32: ELiminate referenc later in L34. L38: replace with 114.3.	e, because it do not provide 2.2	info. 114.3.2.1.4	(the correct one) is
Proposed Response	Response Status O			Proposed Response	Response Status O		
C/ 114 SC 114.3.2.1.1		L 32	# 468	C/ 114 SC 114.3.2.1.		L 36	# 227
Grow, Robert	RMG Consult	ing		Mendo, Carmen	KDPOF		
Comment Type E	Comment Status X			Comment Type E	Comment Status X		
The statement: 'The crite	eria to determine reliable PH			<i>,</i>	receiver shall be able des	cribed in 114.3.2.	2.2."
The statement: 'The crite and may be based on th consistent with the 114.2		6 as defined in 1 ² in on, the correctr	14.2.3.1.' is not	Expression: " the PHY SuggestedRemedy Suggest to rephrase: "	receiver shall be able desittee PHY receiver should be		
The statement: 'The crite and may be based on th consistent with the 114.2 PHD block is determined	eria to determine reliable PH e correctness of the CRC-10 2.3.1.4 statement: 'From the	6 as defined in 1 ² in on, the correctr	14.2.3.1.' is not	Expression: " the PHY SuggestedRemedy Suggest to rephrase: " state diagram explained	the PHY receiver should be in 114.3.2.2.2."		
The statement: 'The crite and may be based on th consistent with the 114.2 PHD block is determined SuggestedRemedy	eria to determine reliable PH e correctness of the CRC-10 2.3.1.4 statement: 'From the	6 as defined in 1 n on, the correctr	14.2.3.1.' is not	Expression: " the PHY SuggestedRemedy Suggest to rephrase: "	receiver shall be able desittee PHY receiver should be		
The statement: 'The crite and may be based on th consistent with the 114.2 PHD block is determined SuggestedRemedy Delete the sentence as a	eria to determine reliable PH e correctness of the CRC-10 2.3.1.4 statement: 'From the I by evaluating the CRC-16	6 as defined in 1 n on, the correctr	14.2.3.1.' is not	Expression: " the PHY SuggestedRemedy Suggest to rephrase: " state diagram explained	the PHY receiver should be in 114.3.2.2.2."		
The statement: 'The crite and may be based on th consistent with the 114.2 PHD block is determined SuggestedRemedy Delete the sentence as a Proposed Response	eria to determine reliable PH e correctness of the CRC-10 2.3.1.4 statement: 'From the d by evaluating the CRC-16 also recommended in PMA I <i>Response Status</i> O	6 as defined in 1 n on, the correctr ' PICS comment.	14.2.3.1.' is not ness of each received	Expression: " the PHY SuggestedRemedy Suggest to rephrase: " state diagram explained	the PHY receiver should be in 114.3.2.2.2." Response Status O		
The statement: 'The crite and may be based on th consistent with the 114.2 PHD block is determined SuggestedRemedy Delete the sentence as a Proposed Response Cl 114 SC 114.3.2.1.1 Pérez-Aranda, Rubén	eria to determine reliable PH e correctness of the CRC-10 2.3.1.4 statement: 'From the d by evaluating the CRC-16 also recommended in PMA I <i>Response Status</i> O <i>P</i> 65 KDPOF	6 as defined in 1 n on, the correctr	14.2.3.1.' is not	Expression: " the PHY SuggestedRemedy Suggest to rephrase: " state diagram explained Proposed Response Cl 114 SC 114.3.2.1." Mendo, Carmen Comment Type E	the PHY receiver should be in 114.3.2.2.2." Response Status O	able to initialize f	the THP following th
The statement: 'The crite and may be based on th consistent with the 114.2 PHD block is determined SuggestedRemedy Delete the sentence as a Proposed Response	eria to determine reliable PH e correctness of the CRC-10 2.3.1.4 statement: 'From the d by evaluating the CRC-16 also recommended in PMA I <i>Response Status</i> O <i>P</i> 65 KDPOF <i>Comment Status</i> X	6 as defined in 1 n on, the correctr ' PICS comment.	14.2.3.1.' is not ness of each received # 377	Expression: " the PHY SuggestedRemedy Suggest to rephrase: " state diagram explained Proposed Response Cl 114 SC 114.3.2.1. Mendo, Carmen Comment Type E Expression too verbose:	receiver shall be able desite the PHY receiver should be in 114.3.2.2.2." <i>Response Status</i> O 1 <i>P</i> 65 KDPOF <i>Comment Status</i> X	able to initialize f	the THP following th
The statement: 'The crite and may be based on th consistent with the 114.2 PHD block is determined SuggestedRemedy Delete the sentence as a Proposed Response Cl 114 SC 114.3.2.1.1 Pérez-Aranda, Rubén Comment Type T	eria to determine reliable PH e correctness of the CRC-10 2.3.1.4 statement: 'From the d by evaluating the CRC-16 also recommended in PMA I <i>Response Status</i> O P65 KDPOF <i>Comment Status</i> X ria to determine reliable PHI	6 as defined in 1 n on, the correctr ' PICS comment.	14.2.3.1.' is not ness of each received # 377	Expression: " the PHY SuggestedRemedy Suggest to rephrase: " state diagram explained Proposed Response Cl 114 SC 114.3.2.1. Mendo, Carmen Comment Type E Expression too verbose: SuggestedRemedy	receiver shall be able desite the PHY receiver should be in 114.3.2.2.2." <i>Response Status</i> O 1 <i>P</i> 65 KDPOF <i>Comment Status</i> X	able to initialize the second se	the THP following th
The statement: 'The crite and may be based on th consistent with the 114.2 PHD block is determined SuggestedRemedy Delete the sentence as a Proposed Response CI 114 SC 114.3.2.1.1 Pérez-Aranda, Rubén Comment Type T The sentence "The criter	eria to determine reliable PH e correctness of the CRC-10 2.3.1.4 statement: 'From the d by evaluating the CRC-16 also recommended in PMA I <i>Response Status</i> O P65 KDPOF <i>Comment Status</i> X ria to determine reliable PHI	6 as defined in 1 n on, the correctr ' PICS comment.	14.2.3.1.' is not ness of each received # 377	Expression: " the PHY SuggestedRemedy Suggest to rephrase: " state diagram explained Proposed Response Cl 114 SC 114.3.2.1. Mendo, Carmen Comment Type E Expression too verbose: SuggestedRemedy	receiver shall be able desite the PHY receiver should be in 114.3.2.2.2." <i>Response Status</i> O 1 <i>P</i> 65 KDPOF <i>Comment Status</i> X " whether a reliable recept	able to initialize the second se	the THP following th
The statement: 'The crite and may be based on th consistent with the 114.2 PHD block is determined SuggestedRemedy Delete the sentence as a Proposed Response Cl 114 SC 114.3.2.1.1 Pérez-Aranda, Rubén Comment Type T The sentence "The criter and may be" does not SuggestedRemedy Replace with:	eria to determine reliable PH e correctness of the CRC-10 2.3.1.4 statement: 'From the d by evaluating the CRC-16 also recommended in PMA I <i>Response Status</i> O I P65 KDPOF <i>Comment Status</i> X ria to determine reliable PHI agree with 114.3.2.1.4. e reliable PHD reception is t	6 as defined in 1 n on, the correctr ' PICS comment. <i>L</i> 32 D reception are le	14.2.3.1.' is not ness of each received # <u>377</u> eft to the implementer	Expression: " the PHY SuggestedRemedy Suggest to rephrase: " state diagram explained Proposed Response Cl 114 SC 114.3.2.1.* Mendo, Carmen Comment Type E Expression too verbose: SuggestedRemedy Suggest to rephrase: "	receiver shall be able desite the PHY receiver should be in 114.3.2.2.2." <i>Response Status</i> O 1 P65 KDPOF <i>Comment Status</i> X " whether a reliable reception is reli	able to initialize the second se	the THP following the THP following the THP following the

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C/ 114 SC 114.3.2.1 Mendo, Carmen	I.1 <i>P</i> 65 KDPOF	L 41	# 229	C/ 114 SC 114.3.2.1.2 P66 L2 # 232 Mendo, Carmen KDPOF KDPOF
Comment Type E Should be more precis	Comment Status X se: " by using the PHD.RX.LI	NKSTATUS field"		Comment Type E Comment Status X Expression: "Once the PMA is connected in 114.2.1, so that the remote PHY".
SuggestedRemedy Should better read: " Proposed Response	by asserting the PHD.RX.LINI Response Status O	<status field".<="" td=""><td></td><td>SuggestedRemedy Suggest rephrasing more simply: "Once the PMA is connected to the PMD (link_control=ENABLE), the local PHY starts sending Transmit Blocks as explained in 114.2.1, so that the remote PHY". Proposed Response Response Status O</td></status>		SuggestedRemedy Suggest rephrasing more simply: "Once the PMA is connected to the PMD (link_control=ENABLE), the local PHY starts sending Transmit Blocks as explained in 114.2.1, so that the remote PHY". Proposed Response Response Status O
C/ 114 SC 114.3.2.1 Nendo, Carmen	I.1 <i>P</i> 65 KDPOF	L 43	# 230	C/ 114 SC 114.3.2.1.2 P66 L9 # 91
Comment Type E Format: confusing hyp SuggestedRemedy Do not split the word "p Proposed Response	Comment Status X henation: " should be able to properly". Response Status O	prop-".		Tapia, Pablo KDPOF Comment Type E Change "disconnected of" to "disconnected from". SuggestedRemedy
C/ 114 SC 114.3.2.1	1.2 <i>P</i> 66 KDPOF	L1	# 231	Proposed Response Response Status O
Comment Type E	Comment Status X			C/ 114 SC 114.3.2.1.2 P69 L29 # 136 Tapia, Pablo KDPOF KDPOF
SuggestedRemedy	e 114-35 on p.67 as if belongi should appear before the begi	C C		Comment Type T Comment Status X Are rem_rcvr_hdr_lock and loc_rcvr_hdr_lock updated before or after rcvr_hdr_lock upo the reception of a new PHD block. Does it matter? Clarify.
Proposed Response	Response Status O	-	-	SuggestedRemedy
				Proposed Response Response Status O

C/ 114 SC 114.3.2.1.2

	1.3 <i>P</i> 66	L19	# 233	C/ 114 SC 114.3.2.		L 3	# 54
Mendo, Carmen	KDPOF			Gilarranz, Alejandra	KDPOF		
Comment Type E	Comment Status X			Comment Type ER	Comment Status X		
Expression: "Once the don't match Table 114	e local PHY received from the I-2.	e remote PHY." A	lso PHD field names	Figure 114-35 "PHY T is explained in subcla	X control state diagram" is use 11.3.2.1.2.	depicted after subc	lause 11.3.2.1.3. but it
SuggestedRemedy				SuggestedRemedy			
	nore clearly and using field nan			Move Figure 114-35 to	o subcaluse 11.3.2.1.2.		
respectively. When th reliable, it changes loo	em_rcvr_status track the state e PHY determines that its rece c_rcvr_status to OK and assen es from its link partner a PHD	ption of payload of strength of payload of the strength of the strengt of the strength of the strength of the	data sub-blocks is	Proposed Response	Response Status O		
	ATUS asserted, it changes rei		OK."	C/ 114 SC 114.3.2.	1.4 P68	L 12	# 337
Proposed Response	Response Status 0			Pérez-Aranda, Rubén	KDPOF		
				Comment Type E	Comment Status X		
C/ 114 SC 114.3.2.	1.3 <i>P</i> 66	L19	# 444	"(LOCPHD.RX.HDRS	TATUS OK)" assignment s	ymbol is not preser	nt.
Drtiz Rojo, David	KDPOF	213	<i>π</i> 444	SuggestedRemedy			
Comment Type E	Comment Status X			Replace with: "(LOCPHD.RX.HDRS	TATUS <= OK)"		
Comment Type E	Comment Status X colloquial and does not add in	formation to the s	standard. It should be		TATUS <= OK)" Response Status O		
Comment Type E The word obviously is		formation to the s	standard. It should be	"(LOCPHD.RX.HDRS	,		
Comment Type E The word obviously is removed.	colloquial and does not add in	formation to the s	standard. It should be	"(LOCPHD.RX.HDRS	Response Status O	L14	# 20
Comment Type E The word obviously is removed. SuggestedRemedy Remove the word "ob	colloquial and does not add in	formation to the s	standard. It should be	"(LOCPHD.RX.HDRS Proposed Response	Response Status O	L14	# 20
Comment Type E The word obviously is removed. SuggestedRemedy Remove the word "ob	colloquial and does not add in viously".	formation to the s	standard. It should be	"(LOCPHD.RX.HDRS Proposed Response Cl 114 SC 114.3.2.	Response Status O	L14	# 20
Comment Type E The word obviously is removed. SuggestedRemedy Remove the word "ob Proposed Response	colloquial and does not add in viously". <i>Response Status</i> O			"(LOCPHD.RX.HDRS Proposed Response Cl 114 SC 114.3.2. Gilarranz, Alejandra Comment Type E	Response Status O 1.4 P68 KDPOF		
Comment Type E The word obviously is removed. SuggestedRemedy Remove the word "ob Proposed Response	colloquial and does not add in viously". <i>Response Status</i> O	formation to the s	standard. It should be	"(LOCPHD.RX.HDRS Proposed Response Cl 114 SC 114.3.2. Gilarranz, Alejandra Comment Type E	Response Status O 1.4 P68 KDPOF Comment Status X		
Comment Type E The word obviously is removed. SuggestedRemedy Remove the word "ob Proposed Response Cl 114 SC 114.3.2. rérez-Aranda, Rubén	colloquial and does not add in viously". <i>Response Status</i> O 1.3 <i>P</i> 66 KDPOF			"(LOCPHD.RX.HDRS Proposed Response Cl 114 SC 114.3.2. Gilarranz, Alejandra Comment Type E Missing subclause con SuggestedRemedy	Response Status O 1.4 P68 KDPOF Comment Status X	IDR_FAIL constan	t.
Comment Type E The word obviously is removed. SuggestedRemedy Remove the word "ob Proposed Response Cl 114 SC 114.3.2. Pérez-Aranda, Rubén	colloquial and does not add in viously". <i>Response Status</i> O 1.3 <i>P</i> 66 KDPOF <i>Comment Status</i> X			"(LOCPHD.RX.HDRS Proposed Response Cl 114 SC 114.3.2. Gilarranz, Alejandra Comment Type E Missing subclause con SuggestedRemedy	Response Status O 1.4 P68 KDPOF Comment Status X ntaining definition of MAX_H	IDR_FAIL constan	t.
Comment Type E The word obviously is removed. SuggestedRemedy Remove the word "ob Proposed Response Cl 114 SC 114.3.2. Vérez-Aranda, Rubén Comment Type ER "Let us note" is wro	colloquial and does not add in viously". <i>Response Status</i> O 1.3 <i>P</i> 66 KDPOF <i>Comment Status</i> X			"(LOCPHD.RX.HDRS Proposed Response Cl 114 SC 114.3.2. Gilarranz, Alejandra Comment Type E Missing subclause con SuggestedRemedy Add subclause similar	Response Status O 1.4 P68 KDPOF Comment Status X Intaining definition of MAX_H to 114.3.2.1.5 to define "Pf	IDR_FAIL constan	t.
Comment Type E The word obviously is removed. SuggestedRemedy Remove the word "ob Proposed Response Cl 114 SC 114.3.2. Pérez-Aranda, Rubén Comment Type ER "Let us note" is wro SuggestedRemedy	colloquial and does not add in viously". <i>Response Status</i> O 1.3 <i>P</i> 66 KDPOF <i>Comment Status</i> X	L 23		"(LOCPHD.RX.HDRS Proposed Response Cl 114 SC 114.3.2. Gilarranz, Alejandra Comment Type E Missing subclause con SuggestedRemedy Add subclause similar	Response Status O 1.4 P68 KDPOF Comment Status X Intaining definition of MAX_H to 114.3.2.1.5 to define "Pf	IDR_FAIL constan	t.

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C/ 114 SC 114.3.2.1.4 Pérez-Aranda, Rubén	P68 KDPOF	L15	# 420	C/ 114 SC 114.3.2.1.4 P68 L7 Mendo, Carmen KDPOF	# 263
Comment Type TR Co	omment Status X			Comment Type E Comment Status X	
Clock Recovery function belo	ngs to PCS RX, accord	ling to 114.1.5		Expression: "This shall be indicated to LOCKHDR_UNLOCK status occ Explanation about CRC not clear. Some typos in variable names.	urs."
SuggestedRemedy				SuggestedRemedy	
Eliminate "PMA" Proposed Response Respo				Suggest rephrasing more simply:	
rioposed Response Res	sponse Status O			"This shall be indicated to the link partner by assigning NOT_OK to the fit LOCPHD.RX.HDRSTATUS on the transmitted PHD. In this state (LOCHI receiver is waiting for a valid PHD i.e. one with correct CPC_16; variable	DR_UNLOCK) the
C/ 114 SC 114.3.2.1.4 Gilarranz, Alejandra	<i>Р</i> 68 КDPOF	L 3	# 19	receiver is waiting for a valid PHD i.e. one with correct CRC-16; variable hdr_fail_cnt holds the count of contiguous PHD blocks received with errors. Reception of one correct PHD triggers the transition to state LOCKHDR_LOCK and resets the PHD errors count (hdr_fail_cnt=0). In state LOCKHDR_LOCK the variable loc_rcvr_hdr_lock and the field LOCPHD.RX.HDRSTATUS are assigned the value OK. The PHY keeps checking the CRC-	
	omment Status X				
Typing error in variable name	loc_rcvr_hrd_lock.			16 of received PHD blocks, incrementing hdr_fail_cnt with each erroneou resetting it with each valid PHD. If hdr_fail_cnt reaches the limit of MAX_	s PHD and
A similar error appears in page	ge 68, line 49, in variabl	e rmt_rcvr_hrd_lo	ock.	the PMA Clock Recovery function detects that the PHY has lost synchror	ization, then the
SuggestedRemedy Replace variables name with	loc revr bdr lock and	rmt revr bdr loc	k	state transitions back to LOCHDR_UNLOCK.	
	sponse Status O			Proposed Response Response Status O	
C/ 114 SC 114.3.2.1.4	P 68	L 31	# 18	C/ 114 SC 114.3.2.1.4 P68 L9 Mendo, Carmen KDPOF	# 234
Gilarranz, Alejandra	KDPOF			Comment Type E Comment Status X	
Comment Type E Co	omment Status X			Naming: counter "hdr_fail_cont".	
Typing error in variable name	loc_rcvr_hrd_lock.			SuggestedRemedy	
SuggestedRemedy	aa rayr bdr laak			Change to hdr_fail_cnt (or hdr_fail_count).	
Replace variable name with le	sponse Status O			Proposed Response Response Status O	
Toposed Nesponse Re					
				C/ 114 SC 114.3.2.1.4 P69 L37 Mendo, Carmen KDPOF	# 264
				Comment Type E Comment Status X	
				Format: confusing hyphenation.	
				SuggestedRemedy	
				Do not split variable names between lines, keep "rcvr_hdr_lock" in one lir Also for PMAMON_WAITING in 114.3.2.3, p.78, I.5. Also for THPREQ_WAITFOR_EST in 114.3.2.2.2, p.73, I.49.	16.
				Proposed Response Response Status O	
TYPE: TR/technical required ER/	aditorial required CB/	operal required	T/technical C/aditorial	general C/ 114	Page 34 of 87

COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed Z/withdrawn SC 114.3.2.1.4 05/07/2015 22:18:30 SORT ORDER: Clause, Subclause, page, line

Cl 114 SC 114.3.2.1.5 PT0 L35 # 418 Cl 114 SC 114.3.2.1.5 PT0 L41 # 192 Perez-Aranda, Ruben KDPOF KDPOF KDPOF KDPOF Comment Type TR Comment Status X KDPOF KDPOF Wrong description, PMA is not connected to PMD. Autonegotation is not defined for -H type PHYs, therefore this term should be avoided. SuggestelRemedy Redundant 'start': "with the start start of Transmit Blocks." Values:DISABLE: isolate the PCS form the PMD ENABLE: solate the PCS form the PMD SuggestelRemedy "with the start start of Transmit Blocks." Proposed Response Response Status O Cl 114 SC 114.3.2.1.5 PT0 L41 # 1265 Cl 114 SC 114.3.2.1.5 PT0 L41 # 21 "with the start start of Transmit Blocks." Proposed Response Cl 114 SC 114.3.2.1.5 PT0 L41 # 1265 Cl 114 SC 114.3.2.1.5 PT0 L41 # 21 "With estart start of Transmit Blocks." "With the start start of Transmit Blocks." Proposed Response Cl 114 SC 114.3.2.1.5 PT0 L41 # 1265 Cl 114 SC 114.3.2.1.5					
Wrong description, PMA is not connected to PMD. Autonegotation is not defined for -H type PHYs, therefore this term should be avoided. Suggested/Remedy Replace with: Ink_control Variable that controls the connection between PCS and PMD sublayers. Values:DISABLE: isolates the PCS from the PMD ENABLE: Connect the PCS to the PMD (both transmitter and receiver) Proposed Response Response Status Cl 114 SC 114.3.2.1.5 P70 L41 L41 # 265 Comment Type E Comment Status X Typo: " with the start start of". Suggested/Remedy Remove duplicated word. Proposed Response Response Status 0 C C1 114 SC 114.3.2.1.5 P70 L41 # 265 Mendo, Carmen KDPOF Comment Type E Comment Status X Typing error. Duplicated word. Proposed Response Response Status 0 Cl 114 SC 114.3.2.1.5 P70 L41 # 338 Perez-Aranda, Rubén KDPOF Comment Type E Comment Status X Suggested/Remedy Suggested/Remedy Suggested/Remedy Suggested/Remedy Suggested/Remedy Suggested/Remedy			L 35	# 418	
Replace with: Ink_control With the start of Transmit Blocks." Wariable that controls the connection between PCS and PMD sublayers. Values:DISABLE: isolates the PCS to the PMD ENABLE: connects the PCS to the PMD (both transmitter and receiver) Proposed Response Response Status O Ci 114 SC 114.3.2.1.5 PTO L41 # 21 Gilarranz, Alejandra KDPOF KDPOF Comment Status X Typic " with the start start of". SuggestedRemedy Remove duplicated word "start". SuggestedRemedy Remove duplicated word. Proposed Response Response Status O Ci 114 SC 114.3.2.1.5 PTO L41 # 265 Comment Type E Comment Status X Typic " with the start start of". SuggestedRemedy Remove duplicated word. Remove duplicated word. Proposed Response Response Status O Ci 114 SC 114.3.2.1.5 PTO L41 # 338 Pérez-Aranda, Rubén KDPOF Comment Type E Comment Status X Comment Type E Comment Status X Typic " from the receive signal." SuggestedRemedy SuggestedRemedy SuggestedRemedy SuggestedRemedy S	Wrong description, PMA	is not connected to PMD.	efore this term sh	nould be avoided.	Redundant "start":
Paraposed Response Response Status O Cl 114 SC 114.3.2.1.5 P70 L41 # 265 Comment Type E Comment Status X Typo: " with the start start of". SuggestedRemedy Remove duplicated word. Proposed Response Response Status O Cl 114 SC 114.3.2.1.5 P70 L46 # 266 Proposed Response Response Status O Cl 114 SC 114.3.2.1.5 P70 L46 # 266 Cl 114 SC 114.3.2.1.5 P70 L41 # 338 Cl 114 SC 114.3.2.1.5 P70 L46 # 266 Proposed Response Response Status X Typo: " from the receive signal." SuggestedRemedy Suggest that this should be "the received signal". Al	Replace with: link_control Variable that controls th Values:DISABLE: isolate	es the PCS from the PMD			"with the start of Transmit Blocks."
Cl 114 SC 114.3.2.1.5 P70 L41 # 21 Silarranz, Alejandra KDPOF Comment Type E Comment Status X Typing error. Duplicated word "start". SuggestedRemedy Remove duplicated word. Proposed Response Response Status O Cl 114 SC 114.3.2.1.5 P70 L41 # 338 Cl 114 SC 114.3.2.1.5 P70 L41 # 338 Cl 114 SC 114.3.2.1.5 P70 L46 # 266 Mendo, Carmen KDPOF KDPOF Comment Type E Comment Status X Typo: " from the receive signal." SuggestedRemedy SuggestedRemedy SuggestedRemedy Pérez-Aranda, Rubén KDPOF KDPOF Comment Type E Comment Status X Comment Type E Comment Status X Typo: " from the receive signal." SuggestedRemedy SuggestedRemedy eliminate one of the line Suggest that this should be "the received signal". Also in 1.48 and 1.50. Proposed Response Response Status O		,	nitter and receive	er)	
Comment Type E Comment Status X Typing error. Duplicated word "start". SuggestedRemedy Remove duplicated word. Proposed Response Response Status O C/ 114 SC 114.3.2.1.5 PTO L46 # [266] C/ 114 SC 114.3.2.1.5 PTO L46 # [266] C/ 114 SC 114.3.2.1.5 PTO L46 # [266] Mendo, Carmen KDPOF KDPOF Comment Type E Comment Status X Typo: " from the receive signal." SuggestedRemedy twice "start" at the end of the line SuggestedRemedy Suggest that this should be "the received signal". Also in I.48 and I.50. SuggestedRemedy eliminate one of them. Troposed Response Response Status O			L 41	# 21	Typo: " with the start start of".
SuggestedRemedy Remove duplicated word. Proposed Response Response Status O Cl 114 SC 114.3.2.1.5 P70 L46 # 266 Mendo, Carmen KDPOF Cl 114 SC 114.3.2.1.5 P70 L46 # 266 Mendo, Carmen KDPOF Comment Type E Comment Status X twice "start" at the end of the line SuggestedRemedy SuggestedRemedy eliminate one of them.	51				Remove extra "start".
Proposed Response Response Status O Image: Constant of the line KDPOF Comment Type E Comment Status X Type: " from the receive signal." SuggestedRemedy SuggestedRemedy eliminate one of them.	Remove duplicated work	d.			
CI 114 SC 114.3.2.1.5 P70 L41 # 338 Typo: " from the receive signal." Pérez-Aranda, Rubén KDPOF SuggestedRemedy Suggest that this should be "the received signal". Also in 1.48 and 1.50. Comment Type E Comment Status X SuggestedRemedy SuggestedRemedy eliminate one of them. Proposed Response Response Status O	Proposed Response	Response Status O			Mendo, Carmen KDPOF
Comment Type E Comment Status X SuggestedRemedy twice "start" at the end of the line SuggestedRemedy SuggestedRemedy SuggestedRemedy Proposed Response Response Status O SuggestedRemedy eliminate one of them. O		•	L 41	# 338	Typo: " from the receive signal."
SuggestedRemedy Proposed Response Response Status O eliminate one of them. O O O	Comment Type E	Comment Status X			Suggest that this should be "the received signal". Also in I.48 and I.50.
Proposed Response Response Status O	SuggestedRemedy				Proposed Response Response Status O
	Proposed Response	Response Status O			

C/ 114 SC 114.3.2.1.5 Page 35 of 87 05/07/2015 22:18:30

C/ 114 SC 114.3.2.1.5 P70 L53 # 421 Pérez-Aranda, Rubén KDPOF K	C/ 114 SC 114.3.2.1.5 P71 L17 # 358 Pérez-Aranda, Rubén KDPOF Image: Comparison of the second
Comment Type TR Comment Status X P70, L53: "receive link" is a new term. link is established bidirectional. Description is confuse.	Comment Type ER Comment Status X Ofuscated description of loc_rcvr_hdr_lock, rem_rcvr_hdr_lock and rcvr_hdr_lock.
 P71, L4: no precise description. P71, L9: PMA_LINK.indication does not exist. Incomplete names of state diagrams. 64B/65B encoder is really enable/disable, but connected/disconnected to GMII TX. PDB are generated by the 64B/65B encoder from the beginning, independently of connection to GMII. SuggestedRemedy P70, L53, Replace with: "Variable set by the PHY quality monitor state diagram to indicate the correct or incorrect data payload decoding of the local PHY receiver. Values:OK: the receiver of the local PHY is operating reliably NOT_OK: operation of the receiver of the local PHY is unreliable" P71, L4, Replace with: "Variable set by the reception of a PHD indicating the receiver status of the remote (link partner) PHY in the data payload decoding. Values:OK: the receiver of the remote PHY is operating reliably NOT_OK: operation of the receiver of the remote PHY is unreliable" 	SuggestedRemedy loc_rcvr_hdr_lock Variable set by the local PHD reception monitor state diagram to indicate the reliability of PHD reception. Values:OK: local PHD reception is reliable NOT_OK: local PHD reception is unreliable rem_rcvr_hdr_lock Variable set by the remote PHD reception monitor state diagram to indicate the reliability of PHD reception in the remote PHY (link partner). Values:OK: PHD reception is reliable by the link partner NOT_OK: PHD reception is unreliable by the link partner. rcvr_hdr_lock Variable set by the PHD monitor state diagram to indicate the reliability of both the PHD transmission from local to remote PHY and the PHD reception from remote to local PHY. Values:OK: PHD transmission and reception are reliable NOT_OK: PHD transmission or reception are unreliable
P71, L9, Replace with: "Variable that is set by the link monitor state diagrams and used by PMA TX and RX PHY control state diagrams to connect GMII TX to the 64B/65B encoder and the 64B/65B decoder to GMII RX, respectively Values:OK: the link has been established between link partners guaranteeing data reliability in both communication directions FAIL: link is not established (one or both directions are not providing reliability in data payload decoding)" proposed Response Response Status O	Proposed Response Response Status O Cl 114 SC 114.3.2.1.5 P71 L22 # 168 SÃjnchez de La Lama, Carlos KDPOF KDPOF Comment Type E Comment Status X There seems to be stale text at the end of line 23. Surely there is a stale closing bracket. SuggestedRemedy Change definition in lines 22-24 to: Variable set by the reception of a PHD indicating PHD reception of the remote (link partner) PHY (114.3.1, REMPHD.RX.HDRSTATUS) Proposed Response Response Status O

C/ 114 SC 114.3.2.1	.5 <i>P</i> 71 KDPOF	L 23	# 55	C/ 114 SC 114.3.2.1.5 P71 L45 # 359 Pérez-Aranda. Rubén KDPOF
Bilarranz, Alejandra				
Comment Type ER	Comment Status X			Comment Type ER Comment Status X
Typing error. Extra pare	enthesis appears at the end o	f the sentence.		PCS encoder/decoder are not really defined. The correct term is 64B/65B enc/decoder.
SuggestedRemedy				SuggestedRemedy
Revise sentence that c	ontains extra parenthesis.			rx_gmii_enable
Proposed Response	Response Status 0			Variable set by the PHY RX control state diagram to connect or disconnect the 64B/65B decoder to the GMII RX; this connection is only enabled when a bidirectional link is established
C/ 114 SC 114.3.2.1	.5 <i>P</i> 71	L39	# 339	Values:TRUE: 64B/65B decoder is connected to GMII RX FALSE: 64B/65B decoder is not connected to GMII RX
Pérez-Aranda. Rubén	KDPOF	200	11 000	
Comment Type E	Comment Status X			tx_gmii_enable Variable set by the PHY TX control state diagram to connect or disconnect the 64B/65B
not been introduced ye Eliminiate adaptive, it is SuggestedRemedy rcvr thp lock				Values:TRUE: 64B/65B encoder is connected to GMII TX FALSE: 64B/65B encoder is not connected to GMII TX (normal interframe are encoded in trasmitted PDBs) Proposed Response Response Status 0
_ ! _	PREQ state diagram (see 114	4.3.2.2.2) to indic:	ate	
Proposed Response	Response Status 0			C/ 114 SC 114.3.2.1.5 P71 L53 # 35 Gilarranz, Alejandra KDPOF
C/ 114 SC 114.3.2.1	.5 <i>P</i> 71	L 42	# 267	Comment Type E Comment Status X
Aendo, Carmen	KDPOF			"Normal idle" term is used instead of "Normal Inter-gap" or "Idle".
	Comment Status X			This term also appears in page 72, line 4.
	Comment Status X			SuggestedRemedy
	a reactived "			
Typo: " payload data i	s received".			Modify text by "(idles are transmitted)"
21				Modify text by "(idles are transmitted)"Proposed ResponseResponse StatusO

C/ 114 SC 114.3.2.1.5 Pérez-Aranda, Rubén	Р 72 КDPOF	L1	# 422	C/ 114 SC 114.3.2.1. Mendo, Carmen	5 <i>P</i> 72 KDPOF	L 3	# 269
•	Comment Status X cription of state variable tx	_enable.		Comment Type T Effect of tx_enable on F idle, or LPI)"	Comment Status X MD TX not clear: "as a func	tion of the operat	tion mode (i.e. normal
SuggestedRemedy tx_enable Variable set by the PHY Values:TRUE: PCS trans	TX control state diagram to mitter is enabled	o enable the PCS	transmit function.	SuggestedRemedy Clarify?			
FALSE: PCS transmitter	is disabled			Proposed Response	Response Status O		
Proposed Response	Response Status O			<i>Cl</i> 114 <i>SC</i> 114.3.2.1. SÃ _i nchez de La Lama, Carl		L 4 1	# 173
C/ 114 SC 114.3.2.1.5 Mendo, Carmen	Р 72 КDPOF	L 3	# 268	Comment Type E	Comment Status X		.
Comment Type E Typo: "PHY transmitter a	Comment Status X re enabled".			Text "synchronization w most likely a typo. SuggestedRemedy	ith the start start of Transmi	t Blocks." Word "	start" appears twice,
SuggestedRemedy					onization with the start of Tra	ansmit Blocks."	
Should read: "PHY transi Also in I.5.	mitter is enabled".			Proposed Response	Response Status O		
Proposed Response	Response Status 0						
C/ 114 SC 114.3.2.1.5	P 72	L3	# 93	C/ 114 SC 114.3.2.2 Pérez-Aranda, Rubén	Р 72 КDPOF	L 21	# 423
Tapia, Pablo	KDPOF	23	# 93	Comment Type TR L21: The equalizer is lo	Comment Status X cated within the PCS receive	e function. but no	t PMA.
Comment Type E "PHY transmitter are ena	Comment Status X bled"			L24: "receiver" has to be		,	
SuggestedRemedy "PHY transmitter is enabl	ed"			SuggestedRemedy L21: replace "PMA" by '	'PCS" or "PHY"		
Proposed Response	Response Status O			L24: "is to be fully imple the link partner transmis	mented in the PHY receiver sion."	and does not red	quire coordination with

C/ 114 SC 114.3.2.2 P72 L22 # 94 Tapia, Pablo KDPOF	C/ 114 SC 114.3.2.2 P72 L23 # 271 Mendo, Carmen KDPOF
Comment Type E Comment Status X Change: "For the estimation of the filters in charge to linearize the channel,"	Comment Type T Comment Status X Requisite not clear: [channel linearization] "is to be fully implemented in the PHY".
SuggestedRemedy To: "For the estimation of the filters in charge of channel linearization,"	SuggestedRemedy Clarify or suppress this requirement.
Proposed Response Response Status O	Proposed Response Response Status O
C/ 114 SC 114.3.2.2 P72 L 22 # 270 Iendo, Carmen KDPOF KD	C/ 114 SC 114.3.2.2 P72 L30 # 340 Pérez-Aranda, Rubén KDPOF
Comment Type E Comment Status X Typo: " in charge to linearize".	Comment Type ER Comment Status X Colloquial
	SuggestedRemedy
Should read: " in charge of linearizing".	Replace with: "The receiver has to implement equalizer estimation that determines the value of the pair filters (FFF and FBF). This estimation may use the received pilot S2 sub-blocks and is to performed periodically in order to follow the channel response variations."
Should read: " in charge of linearizing". Proposed Response Response Status O F1 114 SC 114.3.2.2 P72 L23 # 95	Replace with: "The receiver has to implement equalizer estimation that determines the value of the pair filters (FFF and FBF). This estimation may use the received pilot S2 sub-blocks and is to
Should read: " in charge of linearizing". oposed Response Response Status O 114 SC 114.3.2.2 P72 L23 # 95 pia, Pablo KDPOF	Replace with: "The receiver has to implement equalizer estimation that determines the value of the pair filters (FFF and FBF). This estimation may use the received pilot S2 sub-blocks and is to performed periodically in order to follow the channel response variations." Proposed Response Response Status O Cl 114 SC 114.3.2.2 P72 L37 # 341 Pérez-Aranda, Rubén KDPOF KDPOF KDPOF KDPOF
Should read: " in charge of linearizing". roposed Response Response Status O 114 SC 114.3.2.2 P 72 L 23 # 95 apia, Pablo KDPOF comment Type E Comment Status X Two consecutive and's in: "Channel linearization is up to the implementer and is to be fully implemented in the and does not require coordination with" uggestedRemedy Better read as:	Replace with: "The receiver has to implement equalizer estimation that determines the value of the pair filters (FFF and FBF). This estimation may use the received pilot S2 sub-blocks and is to performed periodically in order to follow the channel response variations." <i>Proposed Response</i> Response Status O <i>Cl</i> 114 SC 114.3.2.2 <i>P</i> 72 <i>L</i> 37 # <u>341</u> Pérez-Aranda, Rubén KDPOF <i>Comment Type</i> ER <i>Comment Status</i> X L37: "setid" term is being used to defined SETID. L43, colloquial and tense not correct.
Should read: " in charge of linearizing". roposed Response Response Status O I 114 SC 114.3.2.2 P72 L23 # 95 apia, Pablo KDPOF comment Type E Comment Status X Two consecutive and's in: "Channel linearization is up to the implementer and is to be fully implemented in the and does not require coordination with" uggestedRemedy Better read as: "Channel linearization is up to the implementer and is to be fully implemented in the solution of the implementer and is to be fully implemented in the solution of the implementer and is to be fully implemented in the solution of the implementer and is to be fully implemented in the "Channel linearization is up to the implementer and is to be fully implemented in the "Channel linearization is up to the implementer and is to be fully implemented in the "Channel linearization is up to the implementer and is to be fully implemented in the "Channel linearization is up to the implementer and is to be fully implemented in the "Channel linearization is up to the implementer and is to be fully implemented in the "Channel linearization is up to the implementer and is to be fully implemented in the "Channel linearization is up to the implementer and is to be fully implemented in the "Channel linearization is up to the implementer and is to be fully implemented in the "Channel linearization is up to the implementer and is to be fully implemented in the "Channel linearization is up to the implementer and is to be fully implemented in the "Channel linearization is up to the implementer and is to be fully implemented in the solution of the implementer and is to be fully implemented in the solution of the implementer and is to be fully implementer and is	Replace with: "The receiver has to implement equalizer estimation that determines the value of the pair filters (FFF and FBF). This estimation may use the received pilot S2 sub-blocks and is to performed periodically in order to follow the channel response variations." <i>Proposed Response</i> Response Status O <i>Cl</i> 114 SC 114.3.2.2 <i>P</i> 72 <i>L</i> 37 # <u>341</u> Pérez-Aranda, Rubén KDPOF <i>Comment Type</i> ER <i>Comment Status</i> X L37: "setid" term is being used to defined SETID. L43, colloquial and tense not correct.
Should read: " in charge of linearizing". In proposed Response Response Status O If 114 SC 114.3.2.2 P72 L23 # 95 apia, Pablo KDPOF Fromment Type E Comment Status X Two consecutive and's in: "Channel linearization is up to the implementer and is to be fully implemented in the and does not require coordination with" uggestedRemedy Better read as: "Channel linearization is up to the implementer and is to be fully implemented in the and does not require coordination with"	Replace with: "The receiver has to implement equalizer estimation that determines the value of the pain filters (FFF and FBF). This estimation may use the received pilot S2 sub-blocks and is to performed periodically in order to follow the channel response variations." Proposed Response Response Status O Cl 114 SC 114.3.2.2 P72 L37 # 341 Pérez-Aranda, Rubén KDPOF Comment Type ER Comment Status X L37: "setid" term is being used to defined SETID. L43, colloquial and tense not correct.
Proposed Response Response Status O Cl 114 SC 114.3.2.2 P72 L23 # 95 Tapia, Pablo KDPOF Comment Type E Comment Status X Two consecutive and's in: "Channel linearization is up to the implementer and is to be fully implemented in the and does not require coordination with" SuggestedRemedy Better read as: "Channel linearization is up to the implementer and is to be fully implemented in the does not require coordination with the link partner"	Replace with: "The receiver has to implement equalizer estimation that determines the value of the pair filters (FFF and FBF). This estimation may use the received pilot S2 sub-blocks and is to performed periodically in order to follow the channel response variations." <i>Proposed Response</i> Response Status O <i>Cl</i> 114 SC 114.3.2.2 <i>P</i> 72 <i>L</i> 37 # 341 Pérez-Aranda, Rubén KDPOF <i>Comment Type</i> ER <i>Comment Status</i> X L37: "setid" term is being used to defined SETID. L43, colloquial and tense not correct. <i>SuggestedRemedy</i> L37, Replace with:

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: Clause, Subclause, page, line

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C/ 114 SC 114.3.2.2	P 72	L 43	# 445	C/ 114 SC 114.3.2.2.1 P73 L29 # 272
Ortiz Rojo, David Comment Type E "Let us note" is colloqui	KDPOF Comment Status X			Mendo, Carmen KDPOF Comment Type E Comment Status X Typo: " all subsequent sent Transmit Blocks".
SuggestedRemedy Remove 'Let us note'.	ai.			SuggestedRemedy Remove "sent": "all subsequent Transmit Blocks".
Proposed Response	Response Status O			Proposed Response Response Status O
	.1 <i>P</i> 73 KDPOF	L 21	# 342	C/ 114 SC 114.3.2.2.1 P73 L38 # 273 Mendo, Carmen KDPOF
Comment Type ER The sentence is coloqui Incorrect use of "shall" SuggestedRemedy Eliminate sentence (L2 ⁻ Proposed Response	Comment Status X ial and does not provide any 1 and L22). Response Status O	information not a	Iready provided before.	Comment TypeEComment StatusXConfusing layout: Figure 114-40 far from section 114.3.2.2.1.SuggestedRemedy Keep Figure 114-40 within section 114.3.2.2.1.Proposed ResponseResponse StatusO
C/ 114 SC 114.3.2.2 . Drtiz Rojo, David	.1 <i>P</i> 73 KDPOF	L 21	# 446	C/ 114 SC 114.3.2.2.1 P73 L7 # 378 Pérez-Aranda, Rubén KDPOF KDPOF
Comment Type E	Comment Status X and it is redundant with the co	ontents of the stat	e diagram.	Comment Type TR Comment Status X L7: PMA is not connected to PMD. Same error in L44 of same page.
SuggestedRemedy Remove it or change by "PHD information shall	/: be updated per Transmit Blc	ock basis, the field	s PHD.TX.NEXT.*	SuggestedRemedy Replace with, both L7 and L44: "Upon PMA reset, disconnection of the PCS from the PMD or"
shall always carry inforr Proposed Response	Response Status O	Transmit Block.		Proposed Response Response Status O

C/ 114 SC 114.3.2.2.1 Page 40 of 87 05/07/2015 22:18:31

C/ 114 SC 114.3.2.2 Mendo, Carmen	2.2 P73 KDPOF	L 51	# 274	Cl 114 SC 114.3.2 Pérez-Aranda, Rubén		P 74 L POF	L 20 # 424
Comment Type T Clarify FFF managem	Comment Status X ent.			Comment Type E Colloquial	Comment State	us X	
	handled in the same way as I	FBF then remove	"FBF" from I.51 for	SuggestedRemedy Eliminate "Let us note	e that,"		
clarity. Otherwise expl	an.			Proposed Response	Response Statu	us O	
Proposed Response	Response Status O						
				C/ 114 SC 114.3.2	. 2.2 F	P 75 L	L 4 # 169
C/ 114 SC 114.3.2.	2.2 P74	L15	# 447	SÃinchez de La Lama, C	arlos KD	POF	
Prtiz Rojo, David	KDPOF			Comment Type T	Comment State		
Comment Type E	Comment Status X et us note that until the last TH	IP" is not clear.			none of the inputs va		o THPREQ_REQUEST does I EQ_REQUEST change in
SuggestedRemedy				SuggestedRemedy			
SuggestedRemedy Replace it by: "Howev previous THP request is available from the e	er the local PHY is not allower has been handled by the link stimator (condition new" <i>Response Status</i> O			Eliminate UCT from T from THPREQ_REQ to THPREQ_STORE Resulting state diagra need to be updated. S	JEST to THPREQ_S with condition (new_ am is equivalent and Steady state is THPF	STORE; add a trar _thp_coef_event = l simpler; text deso	
SuggestedRemedy Replace it by: "Howev previous THP request is available from the e Proposed Response	er the local PHY is not allowe has been handled by the link stimator (condition new" <i>Response Status</i> O			Eliminate UCT from T from THPREQ_REQU to THPREQ_STORE Resulting state diagra	JEST to THPREQ_S with condition (new_ am is equivalent and Steady state is THPF	STORE; add a trar _thp_coef_event = _simpler; text deso REQ_UPDATE aft	nsition from THPREQ_UPDAT = TRUE). cription does not
Replace it by: "Howev previous THP request is available from the e Proposed Response	er the local PHY is not allowe has been handled by the link stimator (condition new" <i>Response Status</i> O 2.2 <i>P</i> 74	partner, even if a	new set of coefficients	Eliminate UCT from T from THPREQ_REQU to THPREQ_STORE Resulting state diagra need to be updated. S of THPREQ_REQUE Proposed Response	JEST to THPREQ_S with condition (new_ am is equivalent and Steady state is THPF ST. <i>Response Statu</i>	STORE; add a trar thp_coef_event = simpler; text deso REQ_UPDATE aft us 0	nsition from THPREQ_UPDAT = TRUE). cription does not ter this change, instead
uggestedRemedy Replace it by: "Howev previous THP request is available from the e troposed Response 1 114 SC 114.3.2.1 rtiz Rojo, David comment Type E	er the local PHY is not allower has been handled by the link stimator (condition new" <i>Response Status</i> O 2.2 P74 KDPOF	partner, even if a	# 448	Eliminate UCT from T from THPREQ_REQU to THPREQ_STORE Resulting state diagra need to be updated. of THPREQ_REQUE	JEST to THPREQ_S with condition (new_ am is equivalent and Steady state is THPF ST. Response Statu 2.2 F	STORE; add a trar thp_coef_event = simpler; text deso REQ_UPDATE aft us 0	nsition from THPREQ_UPDAT = TRUE). cription does not
SuggestedRemedy Replace it by: "Howev previous THP request is available from the e Proposed Response Cl 114 SC 114.3.2.2 Ortiz Rojo, David Comment Type E	er the local PHY is not allowed has been handled by the link stimator (condition new" <i>Response Status</i> O 2.2 P74 KDPOF <i>Comment Status</i> X and language is colloquial. It s	partner, even if a	# 448	Eliminate UCT from T from THPREQ_REQU to THPREQ_STORE Resulting state diagra need to be updated. S of THPREQ_REQUE Proposed Response C/ 114 SC 114.3.2 Mendo, Carmen	JEST to THPREQ_S with condition (new_ am is equivalent and Steady state is THPF ST. Response Statu 2.2 F	STORE; add a trar thp_coef_event = simpler; text desc REQ_UPDATE aft us 0 P76 L POF	nsition from THPREQ_UPDAT = TRUE). cription does not ter this change, instead
SuggestedRemedy Replace it by: "Howev previous THP request is available from the e Proposed Response Interview Interview Sentente is not clear, tx PHD must be coher SuggestedRemedy Change the sentence	er the local PHY is not allowe has been handled by the link estimator (condition new" <i>Response Status</i> 0 2.2 P74 KDPOF <i>Comment Status</i> X and language is colloquial. It stent.	partner, even if a	# 448	Eliminate UCT from T from THPREQ_REQU to THPREQ_STORE Resulting state diagra need to be updated. S of THPREQ_REQUE Proposed Response Cl 114 SC 114.3.2 Mendo, Carmen Comment Type T	JEST to THPREQ_S with condition (new_ am is equivalent and Steady state is THPF ST. <i>Response Statu</i> 2.2 F KD <i>Comment Statu</i>	STORE; add a trar thp_coef_event = simpler; text desc REQ_UPDATE aft us 0 P76 L POF us X	nsition from THPREQ_UPDAT = TRUE). cription does not ter this change, instead
SuggestedRemedy Replace it by: "Howev previous THP request is available from the e proposed Response State State Scomment Type E Sentente is not clear, tx PHD must be coher SuggestedRemedy Change the sentence "Although this state dia	er the local PHY is not allowed has been handled by the link stimator (condition new" <i>Response Status</i> 0 2.2 P74 KDPOF <i>Comment Status</i> X and language is colloquial. It stent. to: agram is asynchronous with loc	partner, even if a <i>L</i> 20 should be highligh	# 448 # 448 hted that changes in the ssion, the PHD	Eliminate UCT from T from THPREQ_REQU to THPREQ_STORE Resulting state diagra need to be updated. S of THPREQ_REQUE Proposed Response Cl 114 SC 114.3.2 Mendo, Carmen Comment Type T Transition from THPF	JEST to THPREQ_S with condition (new_ am is equivalent and Steady state is THPF ST. <i>Response Statu</i> 2.2 F KD <i>Comment Statu</i>	STORE; add a trar thp_coef_event = simpler; text desc REQ_UPDATE aft us 0 P76 L POF us X	nsition from THPREQ_UPDAT = TRUE). cription does not ter this change, instead
SuggestedRemedy Replace it by: "Howev previous THP request is available from the e Proposed Response Cl 114 SC 114.3.2.1 Ortiz Rojo, David Comment Type E Sentente is not clear, tx PHD must be coher SuggestedRemedy Change the sentence "Although this state dii information generated The integrity of the infi fields should be guara	er the local PHY is not allower has been handled by the link stimator (condition new" <i>Response Status</i> O 2.2 P74 KDPOF <i>Comment Status</i> X and language is colloquial. It s rent. to: agram is asynchronous with lo by it shall be updated in the F ormation that is updated in the F ormation that is updated in a g inteed, that is, the PHD chang	partner, even if a <i>L</i> 20 should be highligh pcal PHY transmis PHD of the next a given state and sp	# 448 # 448 hted that changes in the ssion, the PHD vailable Transmit Block. pans across several	Eliminate UCT from T from THPREQ_REQU to THPREQ_STORE Resulting state diagra need to be updated. S of THPREQ_REQUE Proposed Response Cl 114 SC 114.3.2 Mendo, Carmen Comment Type T Transition from THPF confusing. SuggestedRemedy	JEST to THPREQ_S with condition (new_ am is equivalent and Steady state is THPF ST. <i>Response Statu</i> 2.2 F KDI <i>Comment Statu</i> REQ_UPDATE to TH	STORE; add a trar _thp_coef_event = simpler; text desc REQ_UPDATE aft us 0 P76 L POF us X IPREQ_STORE th	nsition from THPREQ_UPDAT = TRUE). cription does not ter this change, instead
SuggestedRemedy Replace it by: "Howev previous THP request is available from the e Proposed Response Cl 114 SC 114.3.2. Ortiz Rojo, David Comment Type E Sentente is not clear, tx PHD must be coher SuggestedRemedy Change the sentence "Although this state dii information generated The integrity of the infi fields should be guara	er the local PHY is not allower has been handled by the link stimator (condition new" <i>Response Status</i> 0 2.2 P74 KDPOF <i>Comment Status</i> X and language is colloquial. It stent. to: agram is asynchronous with lot by it shall be updated in the F ormation that is updated in a g	partner, even if a <i>L</i> 20 should be highligh pcal PHY transmis PHD of the next a given state and sp	# 448 # 448 hted that changes in the ssion, the PHD vailable Transmit Block. pans across several	Eliminate UCT from T from THPREQ_REQU to THPREQ_STORE Resulting state diagra need to be updated. S of THPREQ_REQUE Proposed Response CI 114 SC 114.3.2 Mendo, Carmen Comment Type T Transition from THPF confusing. SuggestedRemedy Would understand be	JEST to THPREQ_S with condition (new_ am is equivalent and Steady state is THPF ST. <i>Response Statu</i> 2.2 F KDI <i>Comment Statu</i> REQ_UPDATE to TH	STORE; add a trar thp_coef_event = simpler; text desc REQ_UPDATE aft us 0 P76 L POF us X IPREQ_STORE the ugh a different sta	nsition from THPREQ_UPDAT = TRUE). cription does not fter this change, instead

C/ 114 SC 114.3.2.2 Gilarranz, Alejandra	2 P76 KDPOF	L 20	# 83	C/ 114 SC 114.3.2.2.3 Pérez-Aranda, Rubén	Р 76 КDPOF	L 43	# 425
omment Type TR	Comment Status X				Comment Status X		
Figure 114.41. Condition	on must be added to transition ate, in order to avoid ambiguit IRUE happen at the same tin	ty in case new rx	ohd event=TRUE and	P76. L43, and L48, Unacc P76. L54, capital "Adaptive P77. L5, capital "Adaptive" P77. L11, capital "Adaptive	urate. 2"		
uggestedRemedy				SuggestedRemedy			
by: "new_rxphd_event=TR hdr crc16 status=OK		UEST state to TH	PREQ_UPDATE state	P76. L43, Replace with: "Variable set by the adapti is the coefficients requeste data sub-blocks" P76. L48, Replace with: "Variable set by the adapti	d by the link partner to b	e used for TH pre	coding of the payload
				"Variable set by the adapti is the set identifier"	ve THP TX state diagram	n when a correct H	HD reception occurs. I
Proposed Response	Response Status O				·· •		
				P76, L54: replace with "ad	aptive		
V 114 SC 114.3.2.2		L 43	# 276	P77, L5: replace with "ada	ptive"		
lendo, Carmen	KDPOF			P77, L11: replace with "ad	aptive"		
<i>Comment Type</i> E Expression: "Variable s	Comment Status X set by a PHD reception, it is th	he coefficients".		· · ·	Response Status O		
SuggestedRemedy				C/ 114 SC 114.3.2.2.3	P 76	L 44	# 277
	item: "Variable set by a PHD	reception, it cont	ains the coefficients".	Mendo, Carmen	KDPOF	L44	# 277
Proposed Response	Response Status 0			,	Comment Status X		
				Typo: "in fix-point format".			
V 114 SC 114.3.2.2	.3 P76	L 43	# 96	SuggestedRemedy			
apia, Pablo	KDPOF			Should be "in fixed point fo	ormat"		
	Comment Status X			Also in Matlab code on p.7			
Comment Type E							
Change:	reportion it is the coefficient	to requested by th	a link northan "	Pronosod Rosnonso			
Change: "Variable set by a PHD	reception, it is the coefficien	ts requested by th	e link partner"	Proposed Response	Response Status O		
Change: "Variable set by a PHD SuggestedRemedy To:	reception, it is the coefficien			i ioposed Kesponse	Response Status O		
Change: "Variable set by a PHD SuggestedRemedy To: "Variable set by a PHD				i ioposed Response	Response Status O		

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: Clause, Subclause, page, line

C/ 114 SC 114.3.2.2.3 Page 42 of 87 05/07/2015 22:18:31

C/ 114 SC 114.3.2.2.3 Tapia, Pablo	P 77 KDPOF	L1	# 97	C/ 114 SC 114.3.2.2. Pérez-Aranda, Rubén	3 <i>P</i> 77 KDPOF	L 21	# 426
Comment Type E Change:	Comment Status X			Comment Type E Obfuscated dscription	Comment Status X		
"requested of"				SuggestedRemedy			
SuggestedRemedy To: "requested by"				available. Values:TRUE: indicates	Y receiver to indicate a new a new set of THP coefficier	nts is ready to be u	used. The value TRUE
Proposed Response	Response Status O				mbol period. It may be asyno w set of THP coefficients	chronous with the	received block start
C/ 114 SC 114.3.2.2.3	P 77	L1	# 170	Proposed Response	Response Status O		
Ajnchez de La Lama, Carlo		- 1	# 110				
Comment Type E "requested of the link par	Comment Status X			<i>Cl</i> 114 <i>SC</i> 114.3.2.3 Ortiz Rojo, David	P 77 KDPOF	L 46	# 449
uggestedRemedy Change text to "requeste				Comment Type E Language is colloquial.	Comment Status X		
Proposed Response	Response Status O				y: old and the information use ent and not covered by this		noise variance is
C/ 114 SC 114.3.2.2.3 Pérez-Aranda, Rubén	<i>Р77 КDPOF</i>	L1	# 360	Proposed Response	Response Status O		
Using OF, the sentence of	Comment Status X er. state diagram requests TO can be interpreted as the st s state diagram is the one	ate diagram rec		C/ 114 SC 114.3.2.3 Pérez-Aranda, Rubén Comment Type TR PMA is not connected t	P 77 KDPOF <i>Comment Status</i> X o PMD.	L 52	# <u>379</u>
SuggestedRemedy				SuggestedRemedy			
Replace "of" with "to"				Replace with:			
Proposed Response	Response Status O				onnection of the PCS from th	ne PMD or"	
				Proposed Response	Response Status O		

C/ 114 SC 114.3.2.3

C/ 114 SC 114.3.2.3 Gilarranz, Alejandra	Р 78 КDPOF	L 30	# 36	C/ 114 SC 114.3.3 P79 L13 # 37 Gilarranz, Alejandra KDPOF KDPOF <td< th=""></td<>
represented as n_d (d i SuggestedRemedy	Comment Status X ariance is represented in figu is a subindex of n). This error e representation in figure by n Response Status O	is found in figure		Comment Type E Comment Status X The text of subclauses 114.3.3 and 114.3.5 is identical. SuggestedRemedy Write a unique subclause or make some differences in text. Proposed Response Response Status O
C/ 114 SC 114.3.3 Pérez-Aranda, Rubén	<i>Р79</i> КDPOF	L11	# 343	Cl 114 SC 114.3.5 P79 L50 # 171 SÃjnchez de La Lama, Carlos KDPOF Comment Type E Comment Status X
In anyway, according to requirements and/or to SuggestedRemedy	Comment Status X d 114.3.5 are identical in con o the Functional Block Diagra lerance should be specified o	m of 1000BASE-		No new information on this subclause. Same text as 114.3.3. SuggestedRemedy Remove subclause 114.3.5 Proposed Response Response Status O
Eliminate 114.3.5. Move 114.3.3 to 114.9. Proposed Response	Response Status 0			C/ 114 SC 114.4 P80 L1 # 305 Ortiz Rojo, David KDPOF
Cl 114 SC 114.3.3 Tapia, Pablo Comment Type T Aren't 114.3.3 and 114.	P79 KDPOF Comment Status X .3.5 redundant?	L13	# 137	Comment Type TR Comment Status X Description of clause 114.4 is not clear, and lacks consistency. Moreover the correspondence of status bits values and the status of the outstanding OAM messages, which is included in this clause, should be included in clause 45, as it is usefull for the usage of the OAM channel, but is not needed for the implementation. SuggestedRemedy Replace clause 114.4 by the text in the attached document
SuggestedRemedy Proposed Response	Response Status O			"ortiz_gepof_c45_114_proposal_v1.0.docx" Proposed Response Response Status O

C/ 114 SC 114.4

C/ 114 SC 114.4.1 Tapia, Pablo	<i>Р</i> 80 КDPOF	L 22	# 98	C/ 114 SC 114.4.1 Gilarranz, Alejandra	<i>Р</i> 80 КDPOF	L 24	# 2
Comment Type E Change: "OAM message"	Comment Status X			Comment Type E Missing full-stop at the	Comment Status X end of the sentence.		
SuggestedRemedy				SuggestedRemedy Add missing full-stop.			
To: "OAM messages"				Proposed Response	Response Status O		
Proposed Response	Response Status 0						
C/ 114 SC 114.4.1	P80	L 22	# 1	C/ 114 SC 114.4.1 Tapia, Pablo	<i>Р</i> 80 КDPOF	L 27	# 99
Gilarranz, Alejandra	KDPOF		"	Comment Type E	Comment Status X		
Comment Type E	Comment Status X			Change: "and ME of the status"			
Singular used instead	of plural in text "OAM messa	ge are written "					
SuggestedRemedy	of plural in text. "OAM messa I messages are written"	ge are written"		SuggestedRemedy To: "and ME the status"			
SuggestedRemedy Replace by text: "OAM		ge are written"		SuggestedRemedy To:	Response Status 0		
SuggestedRemedy Replace by text: "OAM Proposed Response Cl 114 SC 114.4.1	I messages are written"	ge are written" L23	# [38	SuggestedRemedy To: "and ME the status"	Response Status 0 P 80 KDPOF	L 32	# 100
SuggestedRemedy Replace by text: "OAM Proposed Response Cl 114 SC 114.4.1 Gilarranz, Alejandra Comment Type E Bad reference to "Tabl	I messages are written" Response Status O P80 KDPOF Comment Status X	-	# <u>38</u>	SuggestedRemedy To: "and ME the status" Proposed Response Cl 114 SC 114.4.1 Tapia, Pablo Comment Type E Change:	P80 KDPOF Comment Status X	L 32	# [<u>100</u>
SuggestedRemedy Replace by text: "OAM Proposed Response Cl 114 SC 114.4.1 Gilarranz, Alejandra Comment Type E Bad reference to "Tabl SuggestedRemedy	I messages are written" <i>Response Status</i> O <i>P</i> 80 KDPOF <i>Comment Status</i> X e 114.4.2.1".	L 23		SuggestedRemedy To: "and ME the status" Proposed Response Cl 114 SC 114.4.1 Tapia, Pablo Comment Type E	P80 KDPOF Comment Status X ncludes"	L 32	# [<u>100</u>

C/ 114 SC 114.4.1

C/ 114 SC 114.4.2 Tapia, Pablo	<i>Р</i> 80 КDPOF	L 41	# 101	Cl 114 SC 1 Tapia, Pablo	114.4.2.1	Р 80 КDPOF	L 52	# 102
Comment Type E	Comment Status X ce "to store a received" seems	s incomplete. Be	view and rewrite	Comment Type Rewrite:	E	Comment Status X		
SuggestedRemedy		s incomplete. Re	view and rewrite.			er data bits of the OAM me	essage into OAM	L_DATA1 register throug
Proposed Response	Response Status O				the 128 us	er data bits of the OAM me TA1 to OAM_DATA8)"	essage into OAM	L_DATA transmit
C/ 114 SC 114.4.2 Gilarranz, Alejandra	<i>Р</i> 80 КDPOF	L 41	# 39	Proposed Respons	se	Response Status O		
Comment Type E	Comment Status X				114.4.2.1	Dod	L1	# 40
0	and MDIO receive register	rs to store a rece	ived."	C/ 114 SC 1 Gilarranz, Alejandr		<i>Р</i> 81 КDPOF	LI	# 40
SuggestedRemedy Replace text by: " and	I MDIO receive registers to st			Gilarranz, Alejandr	ra E	KDPOF Comment Status X	<i>L</i> 1	#
SuggestedRemedy Replace text by: " and	Ŭ			Gilarranz, Alejandr Comment Type Wrong registe SuggestedRemed	ra E r name TX y	KDPOF Comment Status X		π <u>40</u>
SuggestedRemedy Replace text by: " and Proposed Response Cl 114 SC 114.4.2	I MDIO receive registers to st			Gilarranz, Alejandr Comment Type Wrong registe SuggestedRemed	ra E r name TX y ter name ir	KDPOF Comment Status X COAM_CTRL.		π 4 0
SuggestedRemedy Replace text by: " and Proposed Response Cl 114 SC 114.4.2 Gilarranz, Alejandra Comment Type ER	MDIO receive registers to st Response Status O	tore messages ir	# [<u>3</u>	Gilarranz, Alejandr Comment Type Wrong registe SuggestedRemedy Replace regist Proposed Respons	ra E r name TX y ter name ir se 114.4.2.1	KDPOF Comment Status X COAM_CTRL.		# [4
SuggestedRemedy Replace text by: " and Proposed Response Cl 114 SC 114.4.2 Bilarranz, Alejandra Comment Type ER Wrong reference in tex TX control register." SuggestedRemedy	MDIO receive registers to st Response Status O P80 KDPOF Comment Status X t "four control bits (TXREQ	tore messages ir <i>L</i> 42 , TXMSGT, PHY	n reception." # 3 T an MERT) in the OAM	Gilarranz, Alejandr Comment Type Wrong registe SuggestedRemedy Replace regist Proposed Respons Cl 114 SC 1 Gilarranz, Alejandr Comment Type	ra E r name TX V ter name ir se 114.4.2.1 ra E	KDPOF Comment Status X COAM_CTRL. In text by: "TXOAM_CTRL". Response Status 0 P81 KDPOF Comment Status X		
SuggestedRemedy Replace text by: " and Proposed Response Cl 114 SC 114.4.2 Gilarranz, Alejandra Comment Type ER Wrong reference in tex TX control register." SuggestedRemedy	MDIO receive registers to st Response Status O P80 KDPOF Comment Status X t "four control bits (TXREQ " four control bits (TXREQ,	tore messages ir <i>L</i> 42 , TXMSGT, PHY	n reception." # 3 T an MERT) in the OAM	Gilarranz, Alejandr Comment Type Wrong registe SuggestedRemedy Replace regist Proposed Respons Cl 114 SC 1 Gilarranz, Alejandr Comment Type Wrong registe	ra E r name TX y ter name ir se 114.4.2.1 ra E r bit name	KDPOF Comment Status X COAM_CTRL. In text by: "TXOAM_CTRL". Response Status 0 P81 KDPOF Comment Status X		
SuggestedRemedy Replace text by: " and Proposed Response Cl 114 SC 114.4.2 Gilarranz, Alejandra Comment Type ER Wrong reference in tex TX control register." SuggestedRemedy Replace reference by:	MDIO receive registers to st Response Status O P80 KDPOF Comment Status X t "four control bits (TXREQ " four control bits (TXREQ,	tore messages ir <i>L</i> 42 , TXMSGT, PHY	n reception." # 3 T an MERT) in the OAM	Gilarranz, Alejandr Comment Type Wrong registe SuggestedRemedy Replace regist Proposed Respons Cl 114 SC 1 Gilarranz, Alejandr Comment Type Wrong registe SuggestedRemedy	ra E r name TX y ter name ir se 114.4.2.1 ra E r bit name	KDPOF Comment Status X COAM_CTRL. In text by: "TXOAM_CTRL". Response Status 0 P81 KDPOF Comment Status X		

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C/ 114 SC 114.4.2.1 Gilarranz, Alejandra	<i>Р</i> 81 КDPOF	L 6	# 5	C/ 114 SC 114.4.3 Gilarranz, Alejandra	<i>Р</i> 82 КDPOF	L 1	# 68
	Comment Status X ne OAM_DATA1 and OAM_	DATAx in senter	ce.	Comment Type ER Table 114-3. All cells r same text.	Comment Status X elated to "Message K Status" and	l "Message K	-1 Status" have the
SuggestedRemedy	ame in text by: "TXOAM_DA			SuggestedRemedy			
Proposed Response			M_DATAX .	Replace text in "Messa	age K Status" and "Message K-1 S	Status" colum	ins by:
Proposed Response	Response Status O			Message K Status	Message K-1 Status		
C/ 114 SC 114.4.3 Gilarranz, Alejandra	<i>Р</i> 81 КDPOF	L 47	# 41	Sent. ACK by remote PHY. ACK by remote ME.	Sent. Ack by remote PHY. Ack by remote ME.		
Comment Type E Missing blank in "If RX\ SuggestedRemedy	Comment Status X /ALis one"			Sent. No ACK by remote PH No ACK by remote ME			
Replace text by "If RXV	AL is one"						
Proposed Response	Response Status O			Sent. ACK by remote PHY. No ACK by remote ME			
C/ 114 SC 114.4.3 Gilarranz, Alejandra	<i>Р</i> 81 КDPOF	L 49	# 6	Sent. No ACK by remote PH No ACK by remote ME			
	Comment Status X ne OAM_DATA8 in sentence s in section 114.4.3, OAM_D TAX.		DATAx names appear	Sent. ACK by remote PHY. ACK by remote ME.	Sent. Ack by remote PHY. Ack by remote ME.		
	ame in text by: "RXOAM_DA in the rest of 114.4.3 paragra			Sent. No ACK by remote PH No ACK by remote ME	Ack by remote ME.		
Proposed Response	Response Status O			Sent. ACK by remote PHY. No ACK by remote ME	Sent. Ack by remote PHY. . Ack by remote ME.		
				Sent. No ACK by remote PH No ACK by remote ME			
				Proposed Response	Response Status O		

C/ 114 SC 114.4.3

C/ 114 SC 114.4.3 Gilarranz, Alejandra	<i>Р</i> 82 КDPOF	L 41	# 42	Cl 114 SC 114.4.4.1 Gilarranz, Alejandra	<i>Р</i> 82 КDPOF	L 50	# 7
Comment Type E Missing reference for th	Comment Status X ne receive OAM state diagram	۱.		Comment Type E Typing error in word "co	Comment Status X		
	specified by the PHY OAM R	x control state di	agram in Figure 114-	SuggestedRemedy Replace word by "comn	nunication"		
44." Proposed Response	Response Status O			Proposed Response	Response Status O		
C/ 114 SC 114.4.4.1	<i>Р82 КDPOF</i>	L 45	# 43	<i>Cl</i> 114 <i>SC</i> 114.4.4.1 Tapia, Pablo	P83 KDPOF	L10	# 104
Silarranz, Alejandra Comment Type E Unnecesary full-stop in	Comment Status X			Comment Type E Change: "are transmitted"	Comment Status X		
SuggestedRemedy Remove full-stop from t	itle.			SuggestedRemedy To: "to be transmitted"			
Proposed Response	Response Status O			Proposed Response	Response Status O		
C/ 114 SC 114.4.4.1 SÃ _i nchez de La Lama, Car	P82 los KDPOF	L 49	# 172	C/ 114 SC 114.4.4.1 Gilarranz, Alejandra	<i>Р</i> 83 КDPOF	L 3	# 8
Comment Type E Text "communicat3.503 SuggestedRemedy	Comment Status X 3.50ion link" is most likely a ty	po.		Comment Type E	Comment Status X nd in text: " shall update th	e value of PHY M	IERT of the
Change text to "commu	inication link".			SuggestedRemedy			
roposed Response	Response Status O			Replace text by : " sha	all update the value of bit MI	ERT of the TXOA	M_CTRL register"
				Proposed Response	Response Status O		
C/ 114 SC 114.4.4.1 Tapia, Pablo	<i>Р82</i> КDPOF	L 50	# 103				
Comment Type E Typing error in "commu	Comment Status X nicat3.503.50ion link"						
SuggestedRemedy "communication link"							
Proposed Response	Response Status 0						

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

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C/ 114 SC 114.4.4.1 Gilarranz, Alejandra	<i>Р</i> 83 КDPOF	L 9	# 9	C/ 114 SC 114.4.4.2 P85 L 19 # 71 Gilarranz, Alejandra KDPOF KDPOF
Comment Type E Wrong register field name (SuggestedRemedy	Comment Status X OAM_DATAx in sentence.			Comment Type ER Comment Status X Wrong sentence: "Moreover, transmit bits set to received OAM values values shal I also be set to 0."
Replace register field name	e in text by: "TXOAM_DATA Response Status O	x".		SuggestedRemedy Replace text by "Moreover, transmit bits related to received OAM values shall also be set 0."
C/ 114 SC 114.4.4.1	P84	L 30	# 144	Proposed Response Response Status O
⁻ apia, Pablo Comment Type TR txr_oamudat shall also con	KDPOF <i>Comment Status</i> X tain TXOAM_HDR.			Cl 114 SC 114.4.4.2 P85 L24 # 132 Tapia, Pablo KDPOF Comment Type ER Comment Status X
SuggestedRemedy Proposed Response F	Response Status O			Shouldn't it be RXOAM_CTRL instead of TXOAM_CTRL? SuggestedRemedy
C/ 114 SC 114.4.4.1 Silarranz, Alejandra	<i>P</i> 86 KDPOF	L 39	# 48	Proposed Response Response Status O Cl 114 SC 114.4.4.2 P85 L24 # 69
Comment Type E Typing error. "This bits indi	Comment Status X			Gilarranz, Alejandra KDPOF Comment Type ER Comment Status X
SuggestedRemedy Replace text by: "This bit ir	ndicates the presence of"			Uncorrect register reference in text. " the field PHD.OAM.MSGT of a correctly received PHD block takes a value that is different from that of the bit TXOAM_CTRL bit MSGT."
Proposed Response F	Response Status O			SuggestedRemedy Replace text by: " the field PHD.OAM.MSGT of a correctly received PHD block takes a value that is different from that of the RXOAM_CTRL bit RXMSGT."
				Proposed Response Response Status O

C/ 114 SC 114.4.42

C/ 114 SC 114.4.4.2 Tapia, Pablo	<i>Р</i> 85 КDPOF	L 24	# 105	<i>Cl</i> 114 SC 114.4.4.2 Tapia, Pablo	<i>Р</i> 85 КDPOF	L 30	# 107
Comment Type E Redundant "bit" in: "of the bit TXOAM_CTRL	Comment Status X			Comment Type E Redundant "is also vali	Comment Status X d". Remove.		
SuggestedRemedy Change to: "of the TXOAM_CTRL bit	MSGT"			SuggestedRemedy Proposed Response	Response Status O		
Proposed Response	Response Status O						
C/ 114 SC 114.4.4.2	P85	L 29	# 106	Cl 114 SC 114.4.4.2 Gilarranz, Alejandra	<i>Р</i> 85 КDPOF	L 40	# 10
Tapia, Pablo	KDPOF			Comment Type E Wrong register name "(Comment Status X OAM Rx OAMDATA8" used i	in description	
Comment Type E "the received PHD are and	Comment Status X			SuggestedRemedy			
SuggestedRemedy				Replace register name	by "RXOAM_DATA8".		
"the received PHD are sto	red"			Proposed Response	Response Status 0		
Proposed Response	Response Status O						
C/ 114 SC 114.4.4.2	P85	L 29	# 20	Cl 114 SC 114.4.4.2 Tapia, Pablo	<i>Р</i> 85 КDPOF	L 40	# 112
Gilarranz, Alejandra	KDPOF	L 29	# 70	Comment Type E	Comment Status X		
Comment Type ER	Comment Status X			Change: "(read_OAMDATA8_ev	vent=TRUE)"		
Extra word "and" found in PHD.OAM.HDR of the rec receive registers, and the OAM_DATAx used instead	eived PHD are and stored 12-bit RXOAM_HDR of R	t in the correspor XOAM_CTRL is	nding OAM_DATAx also valid."	SuggestedRemedy To: "(read_RXOAM_DATA	8_event=TRUE)"		
SuggestedRemedy Replace text by: " the co received PHD are stored i field of RXOAM_CTRL rec	n the corresponding RXO			Proposed Response	Response Status O		

Proposed Response Response Status **0**

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

C/ 114 SC 114.4.4.2 Page 50 of 87 05/07/2015 22:18:31

C/ 114 SC 114.4.4.2 Gilarranz, Alejandra	P85 KDPOF	L 41	# 44	<i>Cl</i> 114 SC 114.4.4 Tapia, Pablo	2 <i>P</i> 85 KDPOF	L 43	# 109
Comment Type E Unfinished sentence: "I	Comment Status X It is critical that this is the last"			Comment Type E "(read_RxTBD8_ever	Comment Status X at = TRUE)"		
SuggestedRemedy Remove sentence.				SuggestedRemedy "(read_RXOAM_DAT	A8_event = TRUE)"		
Proposed Response	Response Status O			Proposed Response	Response Status O		
C/ 114 SC 114.4.4.2 Fapia, Pablo	е <i>Р</i> 85 КDPOF	L 41	# 108	Cl 114 SC 114.4.4. Gilarranz, Alejandra	2 <i>P</i> 86 KDPOF	L 1	# 46
Comment Type E Incomplete sentence: "It is critical that this is	Comment Status X				Comment Status X le local PHY then again waits	for a new messa	ge"
SuggestedRemedy Complete:				SuggestedRemedy Replace text by "Ther	n the local PHY waits again for	r a new message	"
	AMDATA8 is the last read data	a in order to en	sure correct behavior of	Proposed Response	Response Status O		
Proposed Response	Response Status O			C/ 114 SC 114.4.4. Tapia, Pablo	2 <i>P</i> 86 KDPOF	L1	# 110
C/ 114 SC 114.4.4.2 Gilarranz, Alejandra	2 <i>P</i> 85 KDPOF	L 43	# 45	Comment Type E Change:	Comment Status X		
Comment Type E Wrong event name "rea	Comment Status X ad_RxTBD8_event=TRUE"			"The local PHY then a SuggestedRemedy	again waits for a new"		
SuggestedRemedy Modify event name by:	"read OAMDATA8 event=TR	UE"			vaits again for a new"		
Proposed Response	Response Status O			Proposed Response	Response Status O		

C/ 114 SC 114.4.4.2

C/ 114 SC 114.4.4.2 Gilarranz, Alejandra	<i>Р</i> 86 КDPOF	L 37	# 47	C/ 114 SC 114.5 Pérez-Aranda, Rubén	<i>Р</i> 87 КDPOF	L 26	# 361
Comment Type E	Comment Status X			Comment Type T	Comment Status X		
Error in writing: "The varia		gram 114-44 that	have not been	No fully accurate desc	cription.		
previously introduced as for SuggestedRemedy	ollows.			SuggestedRemedy			
Replace text by "The varia previously introduced are		gram 114-44 that	t have not been	Replace with: "Each PHY that suppo it is connected …"	orts EEE and where EEE is en	abled shall adve	rtise its capability whe
Proposed Response	Response Status O			Proposed Response	Response Status O		
C/ 114 SC 114.4.4.2 Fapia, Pablo	<i>Р</i> 86 КDPOF	L 39	# 111	C/ 114 SC 114.5	<i>Р87</i> КDPOF	L 27	# 113
Comment Type E Change: "This bits indicates"	Comment Status X			Comment Type E "indicates to link partr	Comment Status X		
SuggestedRemedy To:				SuggestedRemedy "indicates to the link p	artner"		
"This bit indicates"				Proposed Response	Response Status 0		
Proposed Response	Response Status O						
7 114 SC 114.4.4.2	P86	L 49	# 145	<i>Cl</i> 114 <i>SC</i> 114.5 Mendo, Carmen	Р 87 КDPOF	L 34	# 278
apia, Pablo	KDPOF			Comment Type E	Comment Status X		
Comment Type TR	Comment Status X			Typo: " allowing car	rying the LPI signaling".		
rxr_oamudat shall also co	ntain RXOAM_HDR.			SuggestedRemedy			
SuggestedRemedy					: " carrying the LPI signaling	" (remove "allow	/ing").
				Proposed Response	Response Status O		
Proposed Response	Response Status O						

C/ 114 SC 114.5

C/ 114 SC 114.5	P87	L 41	# 380	C/ 114	SC 114.5	P87	L 51	# 381
Pérez-Aranda, Rubén	KDPOF			Pérez-Arand	-,	KDPOF		
"(or minimal)" is not ne measuring the optical p There is no compatibili	Comment Status X ted by the PMD TX should be reded. Quiet periods are detec power at TP3. ty requirement for LPI in terms ied as well accordingly.	cted based on diff	ferent method that	header s wake of	, itional number ub-blocks nee PMD RX as pr	Comment Status X of zero value symbols that d to be increased to be cor esented by Avago in Pittsb _of_FOT_Rx_overTemp.pd	npatible with requi urgh (see "Avago	irements for sleep and
Also affect to service ir	nterface primitives required to	any PMD at P88,	, L30.			a zero symbols for prefix a		needed. See attached
uggestedRemedy				file "pere	zaranda_GEF	OF_1_0715.pdf" for rationa	al behind that.	
P87, L87, Eliminate:				Improver	ments in descr	iption are required to make	comprehensive th	ne text.
"(or minimal)".				SuggestedRe	emedy			
either switching off the	t(tx_pwr): this primitive is gen optical output power during q	uiet periods in LP	PI mode, or swithing on	transmis pilot or p	sion of 146 co hysical heade	hall indicate to its link partr ntiguous zero value symbo r sub-block are appended b	s. The normal 16 y 130 additional z	zeroes postfixed to the eroes intended to be
the optical power for re	fresh signals transmission in	LPI mode or for n	normal operation."	by the PI	MD receive fur	by the PCS receive function to save the state of c the optical power is switc	ircuitry and switch	off the opto-electrical
	etresh signals transmission in Response Status O	LPI mode or for n	normal operation."	by the Pl signal tra The trans payload the trans	MD receive fur anslation befor smitter shall th data sub-block mission of the	nction to save the state of c	ircuitry and switch hed off by the tran 130 symbol times all insert 130 zero sical header sub-b	off the opto-electrical asmitter. Is before the end of the value symbols before block (including its 16
	-	LPI mode or for n	normal operation."	by the Pl signal tra The trans payload the trans	MD receive fur anslation befor smitter shall th data sub-block mission of the zeroes) to pre	nction to save the state of c e the optical power is switc ten enter its quiet state unti c period. The transmitter sh corresponding pilot or physi	ircuitry and switch hed off by the tran 130 symbol times all insert 130 zero sical header sub-b	off the opto-electrical asmitter. Is before the end of the value symbols before block (including its 16
	-	LPI mode or for n	normal operation."	by the Pl signal tra The tran payload the trans prefixed	MD receive fur anslation befor smitter shall th data sub-block mission of the zeroes) to pre esponse SC 114.5	nction to save the state of c e the optical power is switc en enter its quiet state unti corresponding pilot or phy pare the link partner for rec	ircuitry and switch hed off by the tran 130 symbol times all insert 130 zero sical header sub-b	off the opto-electrical asmitter. Is before the end of the value symbols before block (including its 16
	-	LPI mode or for n	normal operation."	by the Pl signal tra payload the trans prefixed Proposed Re C/ 114 Ortiz Rojo, D Comment Ty Figure 1: During n figure, at	MD receive fur anslation befor smitter shall th data sub-block mission of the zeroes) to pre esponse SC 114.5 avid pe E 14-45: ormal operatio : the top-left co	nction to save the state of c e the optical power is switc en enter its quiet state unti c period. The transmitter sh corresponding pilot or phys pare the link partner for rec <i>Response Status</i> O <i>P</i> 88	ircuitry and switch hed off by the tran 130 symbol times all insert 130 zero sical header sub-b eption of refresh s <i>L</i> 1	a off the opto-electrical asmitter. s before the end of the value symbols before block (including its 16 signals." # 450
	-	LPI mode or for n	normal operation."	by the Pl signal tra payload the trans prefixed Proposed Re C/ 114 Ortiz Rojo, D Comment Ty Figure 1: During n figure, at	MD receive fur anslation befor smitter shall th data sub-block mission of the zeroes) to pre esponse SC 114.5 avid ppe E 14-45: ormal operation the top-left conterframe or eff	nction to save the state of c e the optical power is switc operation of the transmitter sh corresponding pilot or physic pare the link partner for rec <i>Response Status</i> O <i>P</i> 88 KDPOF <i>Comment Status</i> X on normal interframe or etheor on rormal interframe or etheor	ircuitry and switch hed off by the tran 130 symbol times all insert 130 zero sical header sub-b eption of refresh s <i>L</i> 1	a off the opto-electrical asmitter. s before the end of the value symbols before block (including its 16 signals." # 450
the optical power for re	-	LPI mode or for n	normal operation."	by the Pl signal tra payload the trans prefixed Proposed Re C/ 114 Ortiz Rojo, D Comment Ty Figure 1 During n figure, at normal ir SuggestedRe	MD receive fur anslation befor smitter shall th data sub-block mission of the zeroes) to pre esponse SC 114.5 avid the E 14-45: ormal operation the frame or effective emedy 'normal interfr	nction to save the state of c e the optical power is switc operation of the transmitter sh corresponding pilot or physic pare the link partner for rec <i>Response Status</i> O <i>P</i> 88 KDPOF <i>Comment Status</i> X on normal interframe or etheor on rormal interframe or etheor	ircuitry and switch hed off by the tran I 130 symbol times all insert 130 zero sical header sub-b eption of refresh s <i>L</i> 1 ernet packets are a s is shown. This sh	# 450 # 450 # 450

Cl	114	
SC	114.5	

X114SC114.5Pérez-Aranda, Rubén	<i>Р</i> 88 КDPOF	L 34	# 382	C/ 114	SC 114.5 nda, Rubén	<i>P</i> 89 KDPOF	L 1	# 383
					,			
Comment Type TR	Comment Status X	c		Comment	51	Comment Status X		
P88, L32: power cons	umption is not an specificatio	in for compatibility	у.		diagrams that g e signal detect	overn generation of signals inhibition.	to control PMD ha	ave to be modified to
P88, L37: Additional p	rvimitive is needed for signal	detect inhibition	in PMD		C			
uggestedRemedy	tible with I DI medel				rx_pwr: are not X and RX but	clear in description. The short PMD.	ould be variables i	ndicating the state of
L34, Eliminate "compa	atible with LPI mode".			Suggested	dRemedy			
PMD signal detect fur function the responsit	(sd_inh): this primitive is gene oction when the link has been ility to determine the quality of en PHY receiver is operating	established, taki of the signal and a	ng the PCS receive	"perez PMD o tx_pw	zaranda_GEPC control state va r			
Proposed Response	Response Status 0			Values	s:ON: the PMD	transmitter to generate, or r generates signal at the MD not generate signal at the M		
				Values functio OFF:	tes to the PMD s:ON: the PMD on. the PMD receiv	receive function to ignore, or receive function receives sive function ignores signal at fuce power consumption.	gnal at MDI and tra	ansfer to the PCS rece
				Values	tes to the PMD s:TRUE: the PM	signal detect function to be ID signal detect function is i detect function operates no	nhibited.	
				Values	l internally gene	erated by the PCS transmitte CS transmit (refresh). ansmit (quiet).	er during LPI opera	ation
				Values	l internally gene	erated by PCS receive functi CS receive (refresh). ceive (quiet).	on during LPI ope	ration
				Proposed	Response	Response Status 0		

C/ 114 SC 114.5

C/ 114 SC 114.5.1 Fapia, Pablo	<i>Р</i> 90 КDPOF	L 4	# 114	<i>Cl</i> 114 SC 114.5.2 Mendo, Carmen	Р 90 КDPOF	L 47	# 279
Comment Type E "Indicates to the PMD tra	Comment Status X	not, signal at the	MDI."	Comment Type E Expression: "Therefo	Comment Status X re, the time alignment of trans	mitted PDBs th	e LPI quiet mode."
SuggestedRemedy "Indicates to the PMD tra Proposed Response	ansmitter to generate, or no <i>Response Status</i> O	t, signal at the M	IDI."	codewords when the	Therefore, the time alignment PHY re-enters normal operati ence of an LPI interval."		
/ 114 SC 114.5.2 érez-Aranda, Rubén	<i>Р</i> 90 КDPOF	L 36	# 384	Proposed Response	Response Status O		
comment Type TR The additional number of	<i>Comment Status</i> X f zero value symbols that a	e prefixed and p	postfixed to pilot and	C/ 114 SC 114.5.3 Pérez-Aranda, Rubén	Р 91 КDPOF	L 4	# 344
header sub-blocks need wake of PMD RX as pres	to be increased to be comp sented by Avago in Pittsbur f_FOT_Rx_overTemp.pdf")	atible with requi	rements for sleep and	Comment Type ER	Comment Status X 1000BASE-H in the title of sub 25.	o-clause.	
	zero symbols for prefix and F_1_0715.pdf" for rational		needed. See attached	SuggestedRemedy Replace 1000BASE-	RH by 1000BASE-H, in both c	ases	
uggestedRemedy Modify L36 as:				Proposed Response	Response Status O		
 transmission of 130 zer no output optical power 	ro symbols, to indicate entry r during 7744 symbols (quie ro symbols, to prepare the r esh signals	t);	and physical header	C/ 114 SC 114.5.4 Pérez-Aranda, Rubén	KDPOF	L 34	# 385
Replace "80" with "130" i oposed Response	in L 53. Response Status O			presented by Avago	Comment Status X dified accoridng to requiremen in Pittsburgh (see "Avago - g_of_FOT_Rx_overTemp.pdf"		
					xtra zero symbols for prefix an ed. See attached file "perezara		
				SuggestedRemedy			
				Replace L34 with:	SYM_CW - NSYM_ZERO) / F	s = (8*988 - 260)	/325 = 23.52 us"
				Replace L43 with: "Tr (us) = (NSYM + N	ISYM_ZERO) / Fs = (16 + 128	3 + 16 + 260)/325	= 1.30 us"
				Proposed Response	Response Status O		
	ER/editorial required GR/				C/ 1		Page 55 of 87

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/generalCl114Page 55 of 87COMMENT STATUS: D/dispatched A/accepted R/rejectedRESPONSE STATUS: O/open W/written C/closed Z/withdrawnSC114.05/07/2015 22:18:32SORT ORDER: Clause, Subclause, page, line

C/ 114 SC 114.6 P91 L51 # 387 C/ 114 SC 114.6.1 P92 L7 # 84 Pérez-Aranda. Rubén KDPOF Gilarranz. Aleiandra **KDPOF** Comment Type TR Comment Type TR Comment Status X Comment Status X Equation 114-2. Subtraction operation is not correct in equation Errors in equations and text. SuggestedRemedy $x(n) = SF(n)^* F_M(a(n)-SUM(...))$ Correct text and equations according to attached file "perezaranda GEPOF 3 0715" = SF(n)* (a(n)+2M*m(n)-SUM(...)) Proposed Response Response Status O SuggestedRemedy Replace equation by $x(n) = SF(n)^* F_M(a(n) + SUM(...))$ $= SF(n)^{*}(a(n)+2M^{*}m(n)+SUM(...))$ C/ 114 SC 114.6.1 P92 L14 # 72 Gilarranz, Alejandra **KDPOF** Proposed Response Response Status **O** Comment Type ER Comment Status X Wrong first value in set "{M+1,-M+3,...,M-3,M-1}" C/ 114 SC 114.7 P93 L8 # 433 SuggestedRemedy **KDPOF** Pérez-Aranda, Rubén Replace text by: "{-M+1,-M+3,...,M-3,M-1}" Comment Type E Comment Status X Proposed Response Response Status 0 When bits are enumerated, follow capitalization of C/45 and provide the bit address for every bit. SuggestedRemedy SC 114.6.1 C/ 114 P92 L14 # 280 The PMA and PMD use some of the generic control bits of register 1 as specified in KDPOF Mendo, Carmen 45.2.1.1.3: - Reset (1.0.15) Comment Type E Comment Status X - Low power (1.0.11) Typo: ".. from the set {M+1, -M+3 ..". - Speed selection (1.0.13.1.0.6. 1.0.5:2) SuggestedRemedy Status bit 1.1.1 is used to advertise EEE capability. Missing minus sign, should read: ".. from the set {-M+1, -M+3 ...". Proposed Response Response Status O Proposed Response Response Status O C/ 114 SC 114.7 P**93** L9 # 49 Gilarranz, Alejandra **KDPOF** Comment Type E Comment Status X Missing parenthesis at the end of the sentence. SuggestedRemedy Add missing parenthesis. Proposed Response Response Status **O**

P802.3bv D1.1 Gigabit Ethernet Over Plastic Optical Fiber 2nd Task Force review comments

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

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C/ 114 SC 114.8 Gilarranz, Alejandra	<i>Р93 КDPOF</i>	L 26	# 50	C/ 114 SC 114.8.1 Mendo, Carmen	<i>Р94</i> КDPOF	L 4	# 281
Comment Type E Wrong word used in text	Comment Status X	r ratio of the link		Comment Type T Confusing: " configurir	Comment Status X ng the input to symbol scram	bler".	
SuggestedRemedy Replace text by: " mea	surement of bit error rate of	the link"		SuggestedRemedy Is this "to binary scraml	bler"?		
Proposed Response	Response Status O			Proposed Response	Response Status O		
C/ 114 SC 114.8.1 Pérez-Aranda, Rubén	Р 93 КDPOF	L 37	# 389	C/ 114 SC 114.8.2 Mendo, Carmen	Р 92 КDPOF	L 9	# 282
Comment Type TR 2 contiguous contradicto	Comment Status X ry sentences.			Comment Type E Layout: minus sign sep	Comment Status X arate from value.		
SuggestedRemedy Replace with:				SuggestedRemedy Keep minus sign on I.9	and I.15 in the same line as	the value.	
	y affects the transmitter of th mode. The PHY receiver sl configure accordingly.			Proposed Response	Response Status O		
Proposed Response	Response Status 0			Cl 114 SC 114.8.5 Gilarranz, Alejandra	Р 94 КDPOF	L 38	# 51
C/ 114 SC 114.8.1 Fapia, Pablo	Р 93 КDPOF	L 44	# 115	Comment Type E Spureous sentence: "R	Comment Status X uben comment MDIO_interfa	aces"	
Comment Type E "In response a change"	Comment Status X			SuggestedRemedy Remove sentence.			
SuggestedRemedy "In response to a change	9"			Proposed Response	Response Status O		
Proposed Response	Response Status O			<i>Cl</i> 114 SC 114.8.5 Tapia, Pablo	Р 94 КDPOF	L 38	# 117
				Comment Type E Remove: "Ruben comm	Comment Status X nent MDIO_interfaces"		
				SuggestedRemedy			
				Proposed Response	Response Status O		
TYPE: TR/technical required COMMENT STATUS: D/disp	atched A/accepted R/reject			general ritten C/closed Z/withdrawn	C/ 1' SC 1'	14 14.8.5	Page 57 of 87 05/07/2015 22:18

SORT ORDER: Clause, Subclause, page, line

C/ 114 SC 114.8.5 Ortiz Rojo, David	Р 94 КDPOF	L 9	# 451	Cl 115 SC 115.10 Takahashi, Satoshi	P121 POF promotior	L 26	# 462
				·			
Comment Type E	Comment Status X	and the construction of		Comment Type E	Comment Status X		
	s test modes the number before, not the type of symbols.	re the {} symbol	indication represented		mber in the column ?Value/Cor	mment? Is not co	orrect.
SuggestedRemedy				SuggestedRemedy			
	ally transmit zero ({0}) symbol	s" by		as specified in IEC 60	nce to "Duplex cable with multi 793-2-40"	imode optical fib	er sub-category A4a.
Proposed Response	Response Status O			Proposed Response	Response Status O		
	P 94	L 43	# 116	C/ 115 SC 115.2 Pérez-Aranda, Rubén	<i>P</i> 103 KDPOF	L 26	# 390
Tapia, Pablo	KDPOF			Comment Type TR	Comment Status X		
Comment Type E "also demands that the SuggestedRemedy "also demands an uppe	Comment Status X ere be an upper bound" er bound"			Add new primitive to th support in PMD. The main reason behi	ne list intended to be used for s nd this comment is that the stat e 108 is very difficult to be impl	te diagram that o	lefines the signal
Proposed Response	Response Status O			•	to be also considered in: also proposed remedy and state tional block diagram	e diagrams mod	ifications
C/ 114 SC 114.9	P 94	L 53	# 452	- State diagram in Cla	0		
Drtiz Rojo, David	KDPOF			SuggestedRemedy			
Comment Type E Sentence is not clear.	Comment Status X			Add: PMD_SDINH.request	after PMD_RXDETECT.indicat	tion.	
	by: ive delays are not independe / from GMII to GMII is testable		system implementation,	Proposed Response	Response Status O		
Proposed Response	Response Status 0						

C/ 115 SC 115.2

0.445	D.(05		" 005	0	00 445 0 0	Diai		# 201
Cl 115 SC 115.2 Pérez-Aranda, Rubén	<i>Р</i> 105 КDPOF	L 44	# 395	C/ 115 Pérez-Arar	SC 115.2.3 nda, Rubén	<i>Р</i> 104 КDPOF	L15	# 391
Comment Type TR Add primitive definition SuggestedRemedy PMD_SDINH.request This primitive is genera being able to detect th Semantics of the primi PMD_SDINH.request(The sd_inh parameter TRUE: The PMD Signal OFF: The PMD Signal When generated	Comment Status X n for SD inhibition. ated to request the PMD signer e received optical signals and tive sd_inh) can take one of the two value al detect function is inhibited detect function responds to	d an inhibition sta les: TRUE or FAL receive MDI optic	ite. SE al signals.	Comment Minimu defined to be d Other t by spe Suggested P104, This pr optical genera of the I P104,	Type TR um PMD optical d in C/115. More lone: no optical topic is that a res- cification, like LO <i>IRemedy</i> L15, Replace wi rimitive is used fr output power du ated at MDI durin PHY transmitter. L36, Replace wi	Comment Status X output power compatible with over, it is not required. Specif bower injected to fiber during sidual optical power may be c DPoff, which should be specif th: or optional EEE capability. The uring quiet priods of LPI mode g refresh periods of LPI mode When tx_pwr = OFF, the ana th:	fication should be quiet periods. coupled at TP2 an fically stated. ne primitive is gen e, or to request of e or when norma alog tx_signal is i	e what in reality is going nd has to be regulated herated to request no ptical signal being il-interframe operation ignored.
	uest(sd_inh) is continuously (the link status as specified b				power, being the	(OFF) requests the PMD tran e analog tx_signal ignored. Response Status 0	ismit function to p	produce no optical
PMD_SDINH.request(FALSE) requests to PMD sig TRUE) requests the PMD sig the primitive signal_detect = <i>Response Status</i> 0	gnal detect functio	on to inhibit its	Comment		P 104 KDPOF <i>Comment Status</i> X accurate. This primitive is cor	L 31	# <u>392</u>
					MD_TXPWR.req	uest(tx_pwr) is continuously the operation mode as specif		

Proposed Response Response Status **O**

C/ 115 SC 115.2.3.2

C/ 115 SC 115.2.4.2 Pérez-Aranda, Rubén	<i>Р</i> 105 КDPOF	L 5	# 393	Cl 115 SC 115.3.1 Kobayashi, Shingeru	P 105 TE Connectivit	L 51 Sy	# 183
omment Type TR Wrong description. Una	Comment Status X	inuously genera	ted.		Comment Status X	as POF, howev	er "plastic optical fiber'
	uest(rx_pwr) is continuously g he operation mode as specifi <i>Response Status</i> O			is still indicated in the SuggestedRemedy Please replace "plasti Proposed Response	ine and others. c optical fiber" to "POF" <i>Response Status</i> O		
115 SC 115.2.4.3 érez-Aranda, Rubén	<i>P</i> 105 KDPOF	L11	# 394	C/ 115 SC 115.3.1 Kobayashi, Shingeru	P 106 TE Connectivit	L 4 y	# 175
Comment Type TR Signal detect function is uggestedRemedy P105, L11, Eliminate se "It also forces the"	Comment Status X going to be controlled with a entence:	dditional primitiv	e PMD_SDINH.request.	Comment Type E Double periods in the SuggestedRemedy Please remove one. Proposed Response	line. Response Status O		
	e with: the signal detect function is ir OK, independently of optical			C/ 115 SC 115.3.1 Pérez-Aranda, Rubén	<i>P</i> 106 KDPOF	L 6	# 347
Proposed Response	Response Status 0			Comment Type ER	Comment Status X f figure 115-1 has to include net	w PMD_SDINH	I.request service
115 SC 115.2.5.1 rtiz Rojo, David comment Type	P105 KDPOF Comment Status X	L 33	# 453	SuggestedRemedy Modify PMD block dia	gram of figure 115-1 to include	new PMD_SDI	NH.request service
Sentence not clear. uggestedRemedy Replace it by:	es not guarantee that rx_sign	al provides high	enough quality to allow	primitive in the Optica Proposed Response	PMD Receiver box. Response Status O		
Proposed Response	Response Status O						

C/ 115 SC 115.3.1

		0		•			
C/ 115 SC 115.3.2 Kobayashi, Shingeru	P 106 TE Connectivity	L 33	# 182	C/ 115 SC 115.3.3 Pérez-Aranda, Rubén	<i>Р</i> 107 КDPOF	L 35	# 435
	Comment Status X re explained as " no inline cor 2 0714.pdf" shows " no POF		n the explanations in	Comment Type E Incomplete sentence.	Comment Status X		
SuggestedRemedy	used the same explanation in si		plural form.	SuggestedRemedy The transition times fro in 115.4.1	m receipt of this primitive un	il it takes effect at the MDI are spec	
Proposed Response	Response Status O			Proposed Response	Response Status O		
C/ 115 SC 115.3.2 /asuhiro, Hyakutake	P 106 Adamant Co., I	L 41 .td.	# 457	C/ 115 SC 115.3.3 Pérez-Aranda, Rubén	<i>Р</i> 107 КDPOF	L5	# 434
Comment Type E Same topology cells h	Comment Status X			Comment Type E EQ 115-1: p1 and p0 s	Comment Status X hould be capital, to agree wi	th text.	
SuggestedRemedy Same topology cell co	ombine one article.			SuggestedRemedy Capitalize p0 and p1			
Proposed Response	Response Status O			Proposed Response	Response Status O		
C/ 115 SC 115.3.3 Yasuhiro, Hyakutake	P 107 Adamant Co., I	L 19 .td.	# 458	C/ 115 SC 115.3.4 Pérez-Aranda, Rubén	<i>Р</i> 107 КDPOF	L 52	# 309
	Comment Status X definiton is not correct.			Comment Type E Incomplete sentence.	Comment Status X		
the average optical la SuggestedRemedy the average Launch (m receipt of PMD_RXPWR. eceive function are specified		until it takes effect in
Proposed Response	Response Status O			Proposed Response	Response Status O		

C/ 115 SC 115.3.4

5 SC 115.3.5 P108 L26 # 176 vashi, Shingeru TE Connectivity TE Connectivity	C/ 115 SC 115.3.5.1 P109 L15 # 348 Pérez-Aranda, Rubén KDPOF KDPOF
nent Type E Comment Status X	Comment Type ER Comment Status X
ouble periods in the line.	Values of power_on variable do not match with state diagram of figure 115-2
estedRemedy ease remove one.	SuggestedRemedy P109, L15, Replace with:
sed Response Response Status O	power_on Indicates the power state of the PMD. The state diagram takes the open-ended power_on = FALSE branch. Values: TRUE: power to PMD device is provided and circuit is operative.
5 SC 115.3.5 <i>P</i> 108 <i>L</i> 30 # <u>396</u> -Aranda, Rubén KDPOF	FALSE: the PMD is power off.
	Proposed Response Response Status O
nent Type TR Comment Status X comodify the state driagram to include new signal detect function inhibition, eliminating the	
ner. Modify description and the state variables definition accordingly.	C/ 115 SC 115.4.1 P109 L40 # 177
estedRemedy	Kobayashi, Shingeru TE Connectivity
eplace figure 115-2 with the one in attached file "perezaranda_GEPOF_1_0715", slide	Comment Type E Comment Status X
imber 19.	t of "type" in table 115-3 is small letter in 115-3 regardless of stated "Type" in Table 11 1. Table 115-4 is also the same.
eplace description in P109, L1, with:	SuggestedBarrady
pon PMD device power on (power_on = TRUE), the PMD signal detect function transitions PMDDET FAIL indicating signal detect = FAIL if sd inh = FALSE, that indicates the	t of "type" in table 115-3 and others should be capital letter.
nctionality is not inhibited. When receive optical power at MDI is higher than a threshold -29 dBm, the state diagram transitions to indicate signal_detect = OK (PMDDET_OK	Proposed Response Response Status O
ate). Once in this state, receive optical power at the MDI has to decrease below -35 dBm cause transition to the PMDDET_FAIL state. These separated thresholds provide	
vsteresis in the signal_detect indication.	C/ 115 SC 115.4.1 P109 L54 # 463
hen sd_inh = TRUE, the PMD signal detect is inhibited, indicating signal_detect = OK in	Takahashi, Satoshi POF promotion
by case when power_on = TRUE.	Comment Type T Comment Status X
109, L24, Eliminate sub-clause 115.3.5.2 PMD signal detect timers.	Table 115-3: Maximum center wavelength shall be 665 nm, as discussed at the last PMD ad-hoc
sed Response Response Status O	meeting.
	SuggestedRemedy Change "670" to "665"
	Proposed Response Response Status O

C/ 115 SC 115.4.1

Cl 115 SC 115.4.1 Kobayashi, Shingeru	P 109 TE Connectivity	L 54	# 178	C/ 115 SC 115.4.1 Pérez-Aranda, Rubén	<i>P</i> 110 KDPOF	L15	# 397
Comment Type T Center wavelength, ma nm or other because of May - 802.3bv-AdHoc_ SuggestedRemedy	Comment Status X x, is shown 670 nm in Table 1 the narrow wavelength window memo.pdf"	5-3. But it mi		Comment Type TR Add max. values for SuggestedRemedy t_sleep,max = 100 ns t_wake,max = 1400 n	5		
Please check it again a Proposed Response	nd chose a right value. <i>Response Status</i> O			PMD for LPI operation			0
Cl 115 SC 115.4.1 Götzfried, Volker	P 109 Avago Technolo	L 54 ogies Fi	# 437		Sleep_wakeup_timing_of_AFt Base-RH_FOT_Sleep&wakeup Response Status 0		
Comment Type T The minimum value of nm SuggestedRemedy	Comment Status X the 'center wavelength' cannot	be increased	and shall remain at 635	C/ 115 SC 115.4.1 Pérez-Aranda, Rubén	<i>P</i> 110 KDPOF	L19	# 398
Proposed Response	Response Status O			SuggestedRemedy	Comment Status X uld be explained and their rela	tion with PMD_T	XPWR.request primitive
<i>Cl</i> 115 <i>SC</i> 115.4.1 Götzfried, Volker	P 110 Avago Technolo	L 15 ogies Fi	# 438	(normal interframe or	al power depends on the oper LPI). LOP parameter is define	ed as the average	launching optical
Comment Type T Values for transition tim	Comment Status X nes are TBD			(normal operation an power when PMD tra	PMD transmit function receives d LPI refresh signals). LOPoff nsmit function receives primiti ff maximum vaue is compatible	parameter corres	ponds to the optical .request(OFF) (LPI
	n sleep transition time is 200 ns n wake transition time is 1500 r			specified in 115.3.5. Proposed Response	Response Status O		
Proposed Response	Response Status O						

C/ 115 SC 115.4.1

C/ 115 SC 115.4.2							
0/115 30 11 5.4.2	P 110	L 43	# 439	C/ 115 SC 115.5	.1 P111	L 39	# 349
Götzfried, Volker	Avago Technolo	ogies Fi		Pérez-Aranda, Rubén	KDPOF		
Comment Type T	Comment Status X			Comment Type ER	Comment Status X		
Values for transition time	es are TBD				o reference to TIA standard		e
SuggestedRemedy				•	t be provided because it is a	already included in i	referred std.
	quiet transition time is 200 ns			SuggestedRemedy P111, L39, Replace	with		
•	n wake transition time is 450 n	S		"TIA-455-127-A".	e with.		
Proposed Response	Response Status O			Eliminate from P11	1 45 to D112 2		
					1, 243 (01 112, 22.		
C/ 115 SC 115.4.2 Pérez-Aranda, Rubén	<i>P110 KDPOF</i>	L 43	# 399	P112, L6, Replace "TIA-455-127-A".	with:		
Comment Type TR	Comment Status X			Eliminate from P11	2, L10 to L21.		
Add max. values for t_sl	leep and t_wake.			Proposed Response	Response Status O		
SuggestedRemedy							
t_sleep,max = 200 ns t_wake,max = 400 ns				C/ 115 SC 115.5	.2 P112	L 7	# 440
_ , , , , , , , , , , , , , , , , , , ,				Götzfried Volker	Avago T	echnologies Fi	
- See attached file "perez	aranda_GEPOF_1_0715" for	rational behind	timing requirements of	Götzfried, Volker	-	echnologies Fi	
See attached file "perez PMD for LPI operation.	aranda_GEPOF_1_0715" for			Comment Type T	Comment Status X	-	shall be replaced by 'IEC
See attached file "perez PMD for LPI operation.				Comment Type T The mentioned star	Comment Status X	-	shall be replaced by 'IEC
See attached file "perez PMD for LPI operation. See also file "Avago-Sle Proposed Response Cl 115 SC 115.4.2	eep_wakeup_timing_of_AFBR	-59F3Z_overTe 		Comment Type T The mentioned star 61280-1-3 Edition 2 SuggestedRemedy	Comment Status X	-	shall be replaced by 'IEC
See attached file "perez PMD for LPI operation. See also file "Avago-Sle Proposed Response Cl 115 SC 115.4.2 Kobayashi, Shingeru	eep_wakeup_timing_of_AFBR Response Status O	-59F3Z_overTe 	mp"	Comment Type T The mentioned star 61280-1-3 Edition 2 SuggestedRemedy See comment	Comment Status X ndard 'EIA/TIA standard FO 2.0 2010-03' Response Status O	-	shall be replaced by 'IEC
See attached file "perez. PMD for LPI operation. See also file "Avago-Sle Proposed Response CI 115 SC 115.4.2 Kobayashi, Shingeru Comment Type E	eep_wakeup_timing_of_AFBR Response Status O P 110 TE Connectivity	-59F3Z_overTe 	mp"	Comment Type T The mentioned star 61280-1-3 Edition 2 SuggestedRemedy See comment Proposed Response	Comment Status X ndard 'EIA/TIA standard FO 2.0 2010-03' Response Status O	TP-127/61.3, 1991'	
See attached file "perez PMD for LPI operation. See also file "Avago-Sle Proposed Response Cl 115 SC 115.4.2 Kobayashi, Shingeru Comment Type E it is shown "1000BASE-	eep_wakeup_timing_of_AFBR Response Status O P110 TE Connectivity Comment Status X	-59F3Z_overTe 	mp"	Comment Type T The mentioned star 61280-1-3 Edition 2 SuggestedRemedy See comment Proposed Response Cl 115 SC 115.5	Comment Status X ndard 'EIA/TIA standard FO 2.0 2010-03' Response Status 0 .3 P112	TP-127/61.3, 1991' <i>L</i> 25	
See attached file "perez PMD for LPI operation. See also file "Avago-Sle Proposed Response Cl 115 SC 115.4.2 Kobayashi, Shingeru Comment Type E it is shown "1000BASE-	eep_wakeup_timing_of_AFBR Response Status O P 110 TE Connectivity Comment Status X H". Isn't it "1000BASE-RH"	-59F3Z_overTe 	mp"	Comment Type T The mentioned star 61280-1-3 Edition 2 SuggestedRemedy See comment Proposed Response Cl 115 SC 115.5 Pérez-Aranda, Rubén	Comment Status X ndard 'EIA/TIA standard FO 2.0 2010-03' Response Status 0 .3 P112 KDPOF Comment Status X	TP-127/61.3, 1991' <i>L</i> 25	
See attached file "perez. PMD for LPI operation. See also file "Avago-Sle Proposed Response CI 115 SC 115.4.2 Kobayashi, Shingeru Comment Type E it is shown "1000BASE-I SuggestedRemedy Please check it and use	eep_wakeup_timing_of_AFBR Response Status O P 110 TE Connectivity Comment Status X H". Isn't it "1000BASE-RH"	-59F3Z_overTe 	mp"	Comment Type T The mentioned star 61280-1-3 Edition 2 SuggestedRemedy See comment Proposed Response Cl 115 SC 115.5 Pérez-Aranda, Rubén Comment Type E	Comment Status X ndard 'EIA/TIA standard FO 2.0 2010-03' Response Status 0 .3 P112 KDPOF Comment Status X	TP-127/61.3, 1991' <i>L</i> 25	
See attached file "perez. PMD for LPI operation. See also file "Avago-Sle Proposed Response Cl 115 SC 115.4.2 Kobayashi, Shingeru Comment Type E it is shown "1000BASE-I SuggestedRemedy	eep_wakeup_timing_of_AFBR <i>Response Status</i> O <i>P</i> 110 TE Connectivity <i>Comment Status</i> X H". Isn't it "1000BASE-RH"' e right words.	-59F3Z_overTe 	mp"	Comment Type T The mentioned star 61280-1-3 Edition 2 SuggestedRemedy See comment Proposed Response Cl 115 SC 115.5 Pérez-Aranda, Rubén Comment Type E Consider rephrasin SuggestedRemedy The Extinction Rati be calculated from	Comment Status X ndard 'EIA/TIA standard FO 2.0 2010-03' Response Status 0 .3 P112 KDPOF Comment Status X	TP-127/61.3, 1991' <i>L</i> 25 measurement in the	# <u>310</u>

C/ 115 SC 115.5.3

C 115 SC 115.5.4	P112	L35	# 311	C/ 115 SC 115.5.	<i>P</i> 114	L 9	# 466
Pérez-Aranda, Rubén	KDPOF	235	# 511	Takahashi, Satoshi	POF promotion	LJ	# 400
Comment Type E Consider change the s	Comment Status X sub-clause title to be agree with	n defined param	eter in 115.4.1.	Comment Type E The IEC document r	Comment Status X number is 61300-3-53		
SuggestedRemedy Average Launch Optic	al Power (LOP) measurement			SuggestedRemedy Change "61300-3-54" to "61300-3-53"			
Proposed Response	Response Status O			Proposed Response	Response Status O		
C/ 115 SC 115.5.4 Yasuhiro, Hyakutake	P 112 Adamant Co.,	L 36 Ltd.	# 459	<i>Cl</i> 115 SC 115.5 . Yasuhiro, Hyakutake	9 P 114 Adamant Co., Li	L 9 td.	# 460
Comment Type E The (LOP) describing Average Optical Powe	Comment Status X definiton is not correct. rr(LOP) measurement			Comment Type E Reference EAF mea IEC 61300-3-54	Comment Status X surement method IEC document r	number is not	correct.
SuggestedRemedy Launch Optical Power	(LOP) measurement			SuggestedRemedy IEC 61300-3-53			
Proposed Response	Response Status O			Proposed Response	Response Status O		
C/ 115 SC 115.5.5 Pérez-Aranda, Rubén	P 112 KDPOF	L 51	# 400	C/ 115 SC 115.5. Takahashi, Satoshi	P115 POF promotion	L1	# 464
Comment Type TR Definitions of rise and ER of the transmit sigr	Comment Status X fall times are not correct, beca nal.	use they do not	take into account the		Comment Status X Ind limit that yields the worst perfo n be applied for all link types at TF		ficient to be specified.
SuggestedRemedy				SuggestedRemedy			
	asured as the time to transition				tence to "The MPD measured per I limits defined in Figure 115-3 and		r TP3 shall be upper
	.9*P1), being P0 and P1 as de neasured as the time to transit .9*P0).			Proposed Response	Response Status O	0	
Proposed Response	Response Status 0						

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

C/ 115 SC 115.5.9 Page 65 of 87 05/07/2015 22:18:33

Cl 115 SC 115.5.9 Pérez-Aranda, Rubén	P115 KDPOF	L 1	# 401	C/ 115 S Yuki, Hayato	C 115.8	P 117	L	# 461
Comment Type TR	Comment Status X			Comment Type	, т	Comment Status X		
EAF sepcifications hav agreed in PMD ad-hoc EAF, better bandwidth SuggestedRemedy Add table 115-6, with th	e to be provided as tables, only group. The upper bound limit is and lower attenuation will be ob ne content provided in the attact _4_0715", based on measureme	not required l tained at TP3 ned file	because as higher is the	This comments P8023.bv_ subclauses the comme Because co	ent is addeo send by Yu D1.1(YUKI) s 115.8 and enter.	d by the comment editor to the ki-san at 3rd July 2015 in form .docx". The understanding by 115.10 in D1.1 regarding to F achement is substantially tec	n of attachment comment edito POF clabling is o	"Comments to r is that the text of considered insufficient by
Proposed Response	Response Status 0			SuggestedRem	,			
roposed Response	Nesponse Status					ment editor: to add text provic .docx" to subclauses 115.8 ar		nts to
Cl 115 SC 115.5.9 Kobayashi, Shingeru	P 115 TE Connectivity	L 2	# 180	Proposed Resp	oonse	Response Status O		
Comment Type E Double periods in the li	Comment Status X ne.			C/ 115 S Takahashi, Sat	C 115.8 oshi	P 117 POF promotio	L 4 on	# 467
SuggestedRemedy Please remove one.				Comment Type "A4a.2" is a	_	Comment Status X ory, not a type.		
Proposed Response	Response Status O			SuggestedRem Change "ty	-	to "sub-category A4a.2"		
Cl 115 SC 115.5.9 Takahashi, Satoshi	P115 POF promotion	L 29	# 465	Proposed Resp	oonse	Response Status O		
, ,	Comment Status X I limit that yields the worst perfor be applied for all link types at TF		ficient to be specified.					
SuggestedRemedy								
i) Change "Figure 115- to "Figure 115-4 - EA	4 - EAF template specification a AF template specification at TP3 5 - EAF template" and "Figu	. Any link type	e"					
Proposed Response	Response Status O							

C/ 115 SC 115.8

C/ 30 SC P21 L22 # 362 Pérez-Aranda, Rubén KDPOF	C/ 30 SC 30.5.1.1 Pérez-Aranda, Rubén	.2 <i>P</i> 21 KDPOF	L 20	# 427
Comment Type T Comment Status X	Comment Type E	Comment Status X		
As in other PHYs defined in 802.3, mapping to enumerated aMediaAvailable managed object should be provided for 1000BASE-H.	According to syntax us be 1000BASE-XH	sed in the aMAUType enum	eration, enumeration	on 1000BASE-H should
SuggestedRemedy	SuggestedRemedy			
Add:	Replace 1000BASE-H	I with 1000BASE-XH.		
30.5.1.1.4 aMediaAvailable	Proposed Response	Response Status O		
BEHAVIOUR DEFINED AS:	 C/ 45 SC	P	1	# 146
 For 1000BASE-H, a link_status of OK maps to the enumeration "availablelink". link_status of FAIL maps to enumeration "not availablelink"	Tapia, Pablo	KDPOF	L	
Proposed Response Response Status O	This also affects claus	Comment Status X raft the OAM data registers se 114. Choose a naming sc		
	accordingly. SuggestedRemedy			
Pérez-Aranda, Rubén KDPOF	0,7	Response Status O		
Pérez-Aranda, Rubén KDPOF Comment Type ER Comment Status X "MLCC" does not provide characteristic information about used modulation.	SuggestedRemedy	Response Status 0	L 54	# 350
Pérez-Aranda, Rubén KDPOF Comment Type ER Comment Status X "MLCC" does not provide characteristic information about used modulation. "BHP" does not provide meaning. Is it THP? Same comment for line 13.	SuggestedRemedy Proposed Response	· -	L 54	# 350
Pérez-Aranda, Rubén KDPOF Comment Type ER Comment Status X "MLCC" does not provide characteristic information about used modulation. "BHP" does not provide meaning. Is it THP? Same comment for line 13.	SuggestedRemedy Proposed Response Cl 45 SC 45.2 Pérez-Aranda, Rubén Comment Type ER General comment to s	P25 KDPOF Comment Status X several tables, in the foot no		
Pérez-Aranda, Rubén KDPOF Comment Type ER Comment Status X "MLCC" does not provide characteristic information about used modulation. "BHP" does not provide meaning. Is it THP? Same comment for line 13. SuggestedRemedy Replace line with: Same comment for line 13	SuggestedRemedy Proposed Response Cl 45 SC 45.2 Pérez-Aranda, Rubén Comment Type ER	P25 KDPOF Comment Status X several tables, in the foot no		
Pérez-Aranda, Rubén KDPOF Comment Type ER Comment Status X "MLCC" does not provide characteristic information about used modulation. "MLP" does not provide meaning. Is it THP? Same comment for line 13. SuggestedRemedy Replace line with: 1000BASE-H Clause 114 1000 Mb/s PAM16-THP Same remedy for lines 7 and 13.	SuggestedRemedy Proposed Response Cl 45 SC 45.2 Pérez-Aranda, Rubén Comment Type ER General comment to s	P25 KDPOF Comment Status X several tables, in the foot no		
Pérez-Aranda, Rubén KDPOF Comment Type ER Comment Status X "MLCC" does not provide characteristic information about used modulation. "MLCC" does not provide meaning. Is it THP? Same comment for line 13. Same comment for line 13. SuggestedRemedy Replace line with: 1000BASE-H Clause 114 1000 Mb/s PAM16-THP Same remedy for lines 7 and 13.	SuggestedRemedy Proposed Response CI 45 SC 45.2 Pérez-Aranda, Rubén Comment Type ER General comment to s R/W=RO=Read only, Table 45-121 Table 45-123	P25 KDPOF Comment Status X several tables, in the foot no		

CI **45** SC **45.2**

C/ 45 SC 45.2.3

	P23 KDPOF Comment Status X	L 29	# 436	C/ 45 Gilarranz, Al	SC 45.2.3.48 ejandra	<i>Р23</i> КDPOF	L 32	# 56
Names of OAM registers								
, an and regione enternal	s should be modified to prov ndicate to be specific of 100		ted to functionality.			Comment Status X DATA8 Name is missing.	Bit column is not c	orrect for
SuggestedRemedy Replace with: 1000BASE-H OAM trans 1000BASE-H OAM trans 1000BASE-H OAM rece 1000BASE-H OAM rece 1000BASE-H PCS contr 1000BASE-H PCS statu 1000BASE-H PCS statu 1000BASE-H PCS statu	smit message ive control ive message ol s 1 s 2 s 3			3.501.15 3.502.15 3.503.15 3.504.15 3.505.15 3.506.15 3.507.15 Insert file	emedy it column assigu :0 for TXOAM_ :0 for TXOAM_ :0 for TXOAM_ :0 for TXOAM_ :0 for TXOAM_ :0 for TXOAM_D :0 for TXOAM_D :0 for TXOAM_D	DATA1 DATA2 DATA3 DATA4 DATA5 DATA6 DATA7 ATA8 register:		
Proposed Response	Response Status O			Proposed Re	esponse	Response Status O		
C/ 45 SC 45.2.3 Pérez-Aranda, Rubén	<i>Р</i> 23 КDPOF	L51	# 431	C/ 45 Ortiz Rojo, D	SC 45.2.3.48 avid	Р 23 КDPOF	L 53	# 306
	0			has amb lacks a t outstand <i>SuggestedR</i> Use the	, iguities. Subcla able with the co ing OAM mess emedy content of claus	Comment Status X smit and receive registers uses are not well divided i rrespondence of message ages in the channel.	n transmit and rec control&status bit	eive sections. Finally it

C/ 45 SC 45.2.3.48

C/ 45 SC 45.2.3.48 Tapia, Pablo	Р 24 КDPOF	L 1	# 119	<i>Cl</i> 45 <i>SC</i> 45.2.3.48 Tapia, Pablo	Р 24 КDPOF	L10	# 138
Comment Type E	Comment Status X			Comment Type T Com	ment Status X		
Change: "to provide a OAM char	nnel"			OAM register naming is not con TXOAM vs RX_OAM	erent:		
SuggestedRemedy				SuggestedRemedy			
To: "to provide an OAM cha	annel"			For example choose: TX_OAM*			
Proposed Response	Response Status O			RX_OAM* TX_REQ RX_VAL			
C/ 45 SC 45.2.3.48 Mendo, Carmen	<i>Р24</i> КDPOF	L 1	# 247	TX_MSGT RX_MSGT			
Comment Type E	Comment Status X			To avoid confusion PHYT and I	MERT may keep thei	ir actual name.	
Typo: "used to provide				Proposed Response Resp	onse Status O		
SuggestedRemedy Should read: "used to	provide an OAM"						
Proposed Response	Response Status O			Cl 45 SC 45.2.3.48 Tapia, Pablo	Р 24 КDPOF	L 32	# 133
Cl 45 SC 45.2.3.48 Kobayashi, Shingeru	P 24 TE Connectivity	L1	# 181	Comment Type ER Com One TXOAM_DATA register is naming scheme chosen, as sug			, depending on the
Comment Type E "a" in front of OAM is sl	Comment Status X			SuggestedRemedy			
SuggestedRemedy It might be "an".				Proposed Response Resp	onse Status O		
Proposed Response	Response Status O			C/ 45 SC 45.2.3.48 Mendo, Carmen	Р 24 КDPOF	L 9	# 235
				Comment Type ER Com In Table 45-120, register TXOA	ment Status X	g.	
				SuggestedRemedy Add a line for TXOAM_DATA8	at the end of the tabl	le (3.508.15:0).	

C/ 45 SC 45.2.3.48

Mendo, Carmen KDPOF Comment Type ER Comment Status X In Table 45-120, register numbers in column "Bit(s)" are wrong for TXOAM_DATAx registers. In Table 45-121, register numbers in column "Bit(s)" are wrong for RXOAM_OATAx SuggestedRemedy Register numbers should be: 3.501.150 3.502.150 TXOAM_DATA1 3.503.150 TXOAM_DATA3 3.504.150 TXOAM_DATA3 3.504.150 TXOAM_DATA4 3.505.150 TXOAM_DATA5 3.511.150 RXOAM_DATA4 3.506.150 TXOAM_DATA6 3.511.150 RXOAM_DATA4 3.506.150 TXOAM_DATA8 3.512.150 RXOAM_DATA4 3.506.150 TXOAM_DATA8 3.511.150 RXOAM_DATA4 3.506.150 TXOAM_DATA8 3.511.150 RXOAM_DATA4 3.506.150 TXOAM_DATA8 3.511.150 RXOAM_DATA6 3.508.150 TXOAM_DATA8 0 3.511.150 RXOAM_DATA6 3.508.150 TXOAM_DATA8 0 3.511.150 RXOAM_DATA7 3.508.150 TXOAM_DATA8 0 0 0 0 Image: transport of bits PHYT, MSGT and MERT does not match in Table 45-120 1.50			205	00 /5 0 0 /0	0	" 222			00 (5 0 0 (0	
Comment Type ER Comment Status X In Table 45-120, register numbers in column "Bit(s)" are wrong for TXOAM_DATAx registers. SuggestedRemedy Register numbers should be: 3.500, 15:0 TXOAM_DATA1 3.500, 15:0 TXOAM_DATA2 3.500, 15:0 TXOAM_DATA3 3.500, 15:0 TXOAM_DATA4 3.500, 15:0 TXOAM_DATA5 3.500, 15:0 TXOAM_DATA6 3.500, 15:0 TXOAM_DATA7 3.500, 15:0 TXOAM_DATA6 3.500, 15:0 TXOAM_DATA6 3.500, 15:0 TXOAM_DATA8 Proposed Response Response Status V The position of bits PHYT, MSGT and MERT does not match in Table 45-120 and sections 4.52, 340, 342, 342, 343, 340, 442, 340, 341 - Table 45-120, PHYT (3 , 3500, 13, MERT (3 , 3500, 12, - Table 45-120, PHYT (3 , 3500, 13, MERT (3 , 3500, 12, - Table 45-120, PHYT (3 , 3500, 13, MERT (3 , 3500, 12, - Table 45-120, PHYT (3 , 3500, 13, MERT (3 , 3500, 12, - Table 45-120, PHYT (3 , 3500, 13, MERT (3 , 3500, 12, - Table 45-120, PHYT (3 , 3500, 13, MERT (3 , 3500, 12, - Table 45-120, PHYT (3 , 3500, 13, MERT (3 , 3500, 12, - Table 45-120, PHYT (3 , 3500, 13, MERT (3 , 3500, 12, - Table 45-120, PHYT (3 , 3500, 14, MERT (3 , 3500, 12, - Table 45-120, PHYT (3 , 3500, 13, MERT (3 , 3500, 12, - Table 45-120, PHYT (3 , 3500, 13, MERT (3 , 3500, 12, - Table 45-120, PHYT (3 , 3500, 13, MERT (3 , 3500, 12, - Table 45-120, PHYT (3 , 3500, 14, MERT (3 , 500, 12, - Table 45-120, PHYT (3 , 3500, 13, MERT (3 , 500, 13, MERT (3 , 500, 14, MERT (3 , 500, 15, MERT (3 , 500, 17, MERT (3 , 500, 17, MERT (3 , 500, 17, MER	# 241	L25				# 236	L 9			
SuggestedRemedy (RX_OAM_DATAX in the current version). SuggestedRemedy Stol 15:0 TXOAM_DATA2 3500 15:0 TXOAM_DATA3 3500 15:0 TXOAM_DATA4 3500 15:0 TXOAM_DATA5 3500 15:0 TXOAM_DATA5 3500 15:0 TXOAM_DATA6 3500 15:0			Comment Status X	pe ER	Comment			omment Status X	/pe ER	Comment 7
Register numbers should be: 3.501.150 TXOAM_DATA1 3.502.150 TXOAM_DATA2 3.511.150 TXOAM_DATA3 3.502.150 TXOAM_DATA3 3.511.150 TXOAM_DATA3 3.504.150 TXOAM_DATA5 3.511.150 TXOAM_DATA3 3.506.150 TXOAM_DATA5 3.511.150 TXOAM_DATA3 3.507.150 TXOAM_DATA6 3.513.150 TXOAM_DATA3 3.508.150 TXOAM_DATA7 3.514.150 RXOAM_DATA5 3.508.150 TXOAM_DATA7 3.515.150 RXOAM_DATA5 3.508.150 TXOAM_DATA7 3.516.150 RXOAM_DATA5 3.508.150 TXOAM_DATA8 3.516.150 RXOAM_DATA5 3.508.150 TXOAM_DATA8 3.511.150 RXOAM_DATA5 3.508.150 TXOAM_DATA8 3.511.150 RXOAM_DATA5 3.508.150 TXOAM_DATA8 3.511.150 RXOAM_DATA6 3.508.150 TXOAM_DATA8 3.511.150 RXOAM_DATA7 3.508.150 TXOAM_DATA8 3.511.150 RXOAM_DATA8 3.508.150 TXOAM_DATA8 3.511.150 RXOAM_DATA8 3.511.150 RXOAM_DATA8 3.511.150 RXOAM_DATA8 3.512.150 RXOAM_DATA8 3.511.150 RXOAM_DATA8 3.512.150 RXOAM_DATA8 3.511.150 RXOAM_DATA8 3.512.150 RXOAM_DATA8 3.511.150 RXOAM_DATA8 3.512.150 RXOAM_DATA8 2.511.1 # [237 Cirl 45 SC 45.23.48 P25 L25 L25	M_DATAx registers	are wrong for RXOAI				XOAM_DATAx registers.	are wrong for TX	mbers in colunm "Bit(s)"	, 0	
3.501.150 TXOAM_DATA1 3.502.150 TXOAM_DATA2 3.502.150 TXOAM_DATA3 3.503.150 TXOAM_DATA3 3.503.150 TXOAM_DATA5 3.503.150 TXOAM_DATA5 3.504.150 TXOAM_DATA5 3.505.150 TXOAM_DATA5 3.505.150 TXOAM_DATA7 3.505.150 TXOAM_DATA7 3.505.150 TXOAM_DATA7 3.507.150.17XOAM_DATA7 3.508.150 TXOAM_DATA7 3.510.150 RXOAM_DATA7				emedy	Suggested					00
Cl 45 SC 45.2.3.48 P25 L1 # 237 Mendo, Carmen KDPOF Cl 45 SC 45.2.3.48 P25 L25 Comment Type ER Comment Status X KDPOF Cl 45 SC 45.2.3.48 P25 L25 Mendo, Carmen KDPOF KDPOF Comment Status X KDPOF Comment Status X KDPOF - Table 45-120: PHYT @ 3.500.14, MERT @ 3.500.12, Text page 25: PHYT @ 3.500.13, MSGT @ 3.500.12. - Text page 25: PHYT @ 3.500.12, MSGT @ 3.500.14. SuggestedRemedy In Table 45-121, register RX_OAM_DATA8 is missing. SuggestedRemedy Change the location of bits either in Table 45-120 or in the text. Proposed Response Response Status O O Cl 45 SC 45.2.3.48 P25 L29 Mendo, Carmen KDPOF Comment Status X The location of filed "RXVAL" is wrong in Table 45-121 (column "Bit(s)"). SuggestedRemedy Comment Status X Cl 45 SC 45.2.3.48 P25 L29 Mendo, Carmen KDPOF Comment Type ER Comment Status X The location of field "RXVAL" is wrong in Table 45-121 (column "Bit(s)"). SuggestedRemedy SuggestedRemedy SuggestedRemedy SuggestedRemedy <t< td=""><td></td><td></td><td>A1 A2 A3 A4 A5 A6 A7 A8</td><td>0 RXOAM_DAT. 0 RXOAM_DAT. 0 RXOAM_DAT. 0 RXOAM_DAT. 0 RXOAM_DAT. 0 RXOAM_DAT. 0 RXOAM_DAT. 0 RXOAM_DAT.</td><td>3.510. 3.511. 3.512. 3.513. 3.514. 3.515. 3.516. 3.517.</td><td></td><td></td><td></td><td>5:0 TXOAM_DAT, 5:0 TXOAM_DAT, 5:0 TXOAM_DAT, 5:0 TXOAM_DAT, 5:0 TXOAM_DAT, 5:0 TXOAM_DAT, 5:0 TXOAM_DAT, 5:0 TXOAM_DAT, 5:0 TXOAM_DAT,</td><td>3.501.1 3.502.1 3.503.1 3.504.1 3.505.1 3.506.1 3.507.1 3.508.1</td></t<>			A1 A2 A3 A4 A5 A6 A7 A8	0 RXOAM_DAT. 0 RXOAM_DAT. 0 RXOAM_DAT. 0 RXOAM_DAT. 0 RXOAM_DAT. 0 RXOAM_DAT. 0 RXOAM_DAT. 0 RXOAM_DAT.	3.510. 3.511. 3.512. 3.513. 3.514. 3.515. 3.516. 3.517.				5:0 TXOAM_DAT, 5:0 TXOAM_DAT, 5:0 TXOAM_DAT, 5:0 TXOAM_DAT, 5:0 TXOAM_DAT, 5:0 TXOAM_DAT, 5:0 TXOAM_DAT, 5:0 TXOAM_DAT, 5:0 TXOAM_DAT,	3.501.1 3.502.1 3.503.1 3.504.1 3.505.1 3.506.1 3.507.1 3.508.1
Mendo, Carmen KDPOF Comment Type ER Comment Status X The position of bits PHYT, MSGT and MERT does not match in Table 45-120 and sections 45.2.3.48.2, 45.2.3.48.3 and 45.2.3.48.4: - - Table 45-120: PHYT @ 3.500.14, MERT @ 3.500.12, MSGT @ 3.500.12. - - Text page 25: PHYT @ 3.500.13, MERT @ 3.500.12, MSGT @ 3.500.14. In Table 45-121, register RX_OAM_DATA8 is missing. SuggestedRemedy Change the location of bits either in Table 45-120 or in the text. Proposed Response Response Status O CI 45 SC 45.2.3.48 Proposed Response Response Status O			Response Status O	sponse	Proposed I	"		222		
Comment Type ER Comment Status X The position of bits PHYT, MSGT and MERT does not match in Table 45-120 and sections 45.2.3.48.2, 45.2.3.48.3 and 45.2.3.48.4: - - - Comment Type ER Comment Status X - Table 45-120: PHYT @ 3.500.14, MERT @ 3.500.13, MSGT @ 3.500.12. - - In Table 45-121, register RX_OAM_DATA8 is missing. SuggestedRemedy - - Table 45-120 or in the text. SuggestedRemedy Proposed Response Response Status O O C/ 45 SC 45.2.3.48 P25 L29 Mendo, Carmen KDPOF Comment Type ER Comment Status X The able 45-121, register RX_OAM_DATA8 at the end of the table (3.517.15:0). Proposed Response Response Status O	# 240	/ 25	D 25	SC 45 3 3 49		# 237	L 1			
The position of bits PHYT, MSGT and MERT does not match in Table 45-120 and sections 45.2.3.48.2, 45.2.3.48.3 and 45.2.3.48.4: - Table 45-120: PHYT @ 3.500.14, MERT @ 3.500.13, MSGT @ 3.500.12. - Text page 25: PHYT @ 3.500.13, MERT @ 3.500.12, MSGT @ 3.500.14. SuggestedRemedy Change the location of bits either in Table 45-120 or in the text. Proposed Response Response Status O C/ 45 SC 45.2.3.48 P25 L29 Mendo, Carmen KDPOF Comment Type ER Comment Status X The location of field "RXVAL" is wrong in Table 45-121 (column "Bit(s)"). SuggestedRemedy	# 240	L 23						omment Status X	/pe ER	Comment 7
Cl 45 SC 45.2.3.48 P25 L29 Mendo, Carmen KDPOF Comment Type ER Comment Status X The location of field "RXVAL" is wrong in Table 45-121 (column "Bit(s)"). SuggestedRemedy			X_OAM_DATA8 is missir	45-121, register F emedy e for RX_OAM_D	In Tabl <i>Suggested</i> Add a	500.12.	13, MSGT @ 3.5 12, MSGT @ 3.5	45.2.3.48.4: 600.14, MERT @ 3.500. 600.13, MERT @ 3.500. wither in Table 45-120 or	8.2, 45.2.3.48.3 a 45-120: PHYT @ 3 age 25: PHYT @ 3 emedy the location of bits	45.2.3.4 - Table - Text p Suggested/ Change
Comment Type ER Comment Status X The location of field "RXVAL" is wrong in Table 45-121 (column "Bit(s)"). SuggestedRemedy	# 238	L 29								r roposed r
		21 (column "Bit(s)").	Comment Status X	pe ER	Comment					
			.500.15.		00					
Proposed Response Response Status O			Response Status O	sponse	Proposed I					

C/ 45 SC 45.2.3.48

Cl 45 SC 45.2.3.48 Mendo, Carmen	8 P25 KDPOF	L 32	# 239	<i>Cl</i> 45 SC 45.2 . Tapia, Pablo	3.48.2	P 25 KDPOF	L1	# 149
Comment TypeERComment StatusXBits 14:0 of the control register 3.509 are wrongly placed in 3.510. Affects lines 32, 34 and 36.				Comment Type TR Comment Status X MSGT is located in 3.500.12 in Table 45-120 and in 3.500.14 in text. SuggestedRemedy				
SuggestedRemedy								
Replace: 3.510.14:13 should be 3.510.12 should be 3.510.11:0 should be	3.509.12			Proposed Response	Respon	se Status O		
Proposed Response	Response Status O			Cl 45 SC 45.2. Tapia, Pablo	3.48.3	<i>Р25</i> КDPOF	L 6	# 152
C/ 45 SC 45.2.3.48	8 <i>P</i> 25 KDPOF	L 43	# 248	Comment Type TR Comment Status X MSGT is located in 3.500.14 in Table 45-120 and in 3.500.13 in text. SuggestedRemedy				
Comment Type E	Comment Status X							
In Table 45-121, the da	ata registers are named "RX_0 registers nor with the text desc			Proposed Response	Respon	se Status O		
SuggestedRemedy								
Rename as RXOAM_E	DATAx rather than RX_OAM_I	DATAx.		C/ 45 SC 45.2.	3.48.3	P 25	L 8	# 147
Proposed Response	Response Status 0			Tapia, Pablo		KDPOF		
				Comment Type TR	Comme	ent Status X		
C/ 45 SC 45.2.3.48 Tapia, Pablo	8.12 <i>P</i> 26 KDPOF	L 25	# 150	The PHYT bit is the MSGT of the last message received by the remote PHY. This definition shall be rewritten.				
Comment Type TR	Comment Status X			SuggestedRemedy				
Review the relationship	between PHD.OAM.DATA0			Change definition t "The PHYT bit is th		last message rec	eived by the remo	ote PHY."
the naming scheme selected according to previous comments, this might be wrong. Also review register addresses.				Proposed Response Response Status O				
SuggestedRemedy								
Proposed Response	Response Status O							

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Cl 45 SC 45.2.3.4 Tapia, Pablo	3.4 P25 KDPOF	L10	# 153	Cl 45 SC 45.2.3.48.6 P25 L21 # 121 Tapia, Pablo KDPOF
Comment Type TR MERT is located in 3.5 SuggestedRemedy	Comment Status X 500.13 in Table 45-120 and in	3.500.12 in text.		Comment Type E Comment Status X Review PHD.OAM.DATA0 assignment to TXOAM_DATA1 and its corresponding address. This might be right or wrong depending on the naming scheme chosen for OAM_DATA registers.
Proposed Response	Response Status O			SuggestedRemedy
C/ 45 SC 45.2.3.4 Tapia, Pablo	3.6 <i>P</i> 25 KDPOF	L18	# 148	Proposed Response Response Status O
Comment Type TR	Comment Status X er addresses do not match the	values in Table 4	ł5-120.	CI 45 SC 45.2.3.48.6 P25 L29 # 57 Gilarranz, Alejandra KDPOF KDPOF 57 Comment Type ER Comment Status X X
SuggestedRemedy Review addresses in t	ooth table and text.			Table 45-121. RXOAM_DATA8 Name is missing. Bit column is not correct. An underscore character has been inserted after RX in registers name.
Proposed Response	Response Status O			SuggestedRemedy Modify bit column assignment: 3.509.15 for RXVAL
C/ 45 SC 45.2.3.4 Tapia, Pablo	3.6 P25 KDPOF	L 21	# 120	3.509.14:13 for Reserved Modify bit column assignment and name: 3.509.12 for RXMSGT
Comment Type E Change "and are stored"	Comment Status X			3.509.11:0 for RXOAM_HDR 3.510.15:0 for RXOAM_DATA1 3.511.15:0 for RXOAM_DATA2 3.512.15:0 for RXOAM_DATA3
SuggestedRemedy To: "are stored"				3.513.15:0 for RXOAM_DATA4 3.514.15:0 for RXOAM_DATA5 3.515.15:0 for RXOAM_DATA6
Proposed Response	Response Status O			3.516.15:0 for RXOAM_DATA7 Insert file for RXOAM_DATA8 register: 3.517.15:0 for RXOAM_DATA8
				Proposed Response Response Status O

Cl 45 SC 45.2.3.4 Tapia, Pablo	18.6 <i>P</i> 25 KDPOF	L 29	# 122	Cl 45 SC 45.2.3.48.7 Tapia, Pablo	Р 26 КDPOF	L 1	# 134
Comment Type E In Table 45-121 Bits 3 SuggestedRemedy Change to 3.510.15	Comment Status X 3.500.15 has been already use	d for TXREQ.		Comment Type ER Comm Is this section describing a single describing the whole 3.510 regist description for register 3.500 (the SuggestedRemedy	er, but it is confusir	ng. Moreover, the	ere is no equivalent
Proposed Response	Response Status O	L 43	# 123	Proposed Response Respon	nse Status O		
⁻ apia, Pablo Comment Type E	KDPOF Comment Status X			Cl 45 SC 45.2.3.48.7 Gilarranz, Alejandra	<i>Р26</i> КDPOF	L 3	# 59
	register is missing in Table 45	5-121 (either 0 or	8, depending on the				
-	eme chosen, as suggested in p	previous comment		<i>,</i>	nent Status X		
Suggested Remedy	eme chosen, as suggested in p Response Status O	previous comment		Typing error. "These register" SuggestedRemedy Replace text by: "These registers			
SuggestedRemedy Proposed Response C/ 45 SC 45.2.3.4 Silarranz, Alejandra	Response Status O 18.6 P25 KDPOF	L54		Typing error. "These register" SuggestedRemedy Replace text by: "These registers Proposed Response Respon Cl 45 SC 45.2.3.48.7	5" nse Status O P 26	L 3	# 60
uggestedRemedy roposed Response / 45 SC 45.2.3.4 ilarranz, Alejandra omment Type ER	Response Status O 18.6 P25 KDPOF Comment Status X note below table: R/W=RO=R	L 54	is).	Typing error. "These register" SuggestedRemedy Replace text by: "These registers Proposed Response Respon Cl 45 SC 45.2.3.48.7 Gilarranz, Alejandra	nse Status O P 26 KDPOF	L 3	# [60
SuggestedRemedy Proposed Response Cl 45 SC 45.2.3.4 Gilarranz, Alejandra Comment Type ER Table 45-121. Wrong	Response Status O 18.6 P25 KDPOF Comment Status X note below table: R/W=RO=R ars in Table 45-124.	L 54	is).	Typing error. "These register" SuggestedRemedy Replace text by: "These registers Proposed Response Respon Cl 45 SC 45.2.3.48.7 Gilarranz, Alejandra Comment Type ER Comm	nse Status O P 26 KDPOF nent Status X A.	L 3	# 60

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Cl 45 SC 45.2.3.48.8 Tapia, Pablo	3 P 26 KDPOF	L 7	# 139	C/ 45 SC 45.2.3.49 P27 L1 # 22 Gilarranz, Alejandra KDPOF KDPOF <td< th=""></td<>
Comment Type T Wrong register address. Also found in lines 13, 17				Comment Type E Comment Status X Typing error. Extra character "!" appears in Subclause Title 45.2.3.49. The same typing error appears in the following Subclause titles: 45.2.3.50 (page 31), 45.2.3.51 (page 31), 45.2.3.52 (page 32) and 45.2.3.53 (page 32).
SuggestedRemedy Change to 3.510.X Proposed Response	Response Status 0			SuggestedRemedy Remove character "!". Proposed Response Response Status O
C/ 45 SC 45.2.3.49 Mendo, Carmen	Р 27 КDPOF	L1	# 251	C/ 45 SC 45.2.3.49.2 P 27 L 40 # 4 <u>32</u> Pérez-Aranda, Rubén KDPOF
Also in 45.2.3.50 (p.29),	Comment Status X at the end of the section he 45.2.3.51 (p.31), 45.2.3.52		(p.32).	Comment Type E Comment Status X These bits have a default value of 000, selecting normal 1000BASE-H operation. It is not completely correct the sentence.
SuggestedRemedy Remove exclamation poi Proposed Response	int. Response Status O			SuggestedRemedy Replace with:
, ,				These bits have a default value of 000, selecting no loopback operation.
C/ 45 SC 45.2.3.49 Tapia, Pablo	Р 27 КDPOF	L 1	# 124	Proposed Response Response Status O
Comment Type E Remove "!" at the end of Also found at (page,line) (29,1) (31,21) (32,1) (32,19) SuggestedRemedy				Cl 45 SC 45.2.3.49.2 P27 L43 # 283 Ortiz Rojo, David KDPOF Comment Type E Comment Status X Comma missing after GMII. Comma missing after GMII. SuggestedRemedy Insert a comma after GMII. The sentence should be: "GMII, looping the data" Proposed Response Response Status O
Proposed Response	Response Status O			

C/ 45 SC 45.2.3.49.2

Cl 45 SC 45.2.3.49 Mendo, Carmen	9.2 <i>P</i> 27 KDPOF	L 43	# 257	C/ 45 SC 45.2.3.49 Mendo, Carmen	.2 <i>P</i> 27 KDPOF	L 48	# 249
Comment Type T The explanation of the	Comment Status X "GMII level loopback" is uncl	ear.		Comment Type E The sentence "data sl	Comment Status X nall be processed looped ba	ck" seems incorre	ect.
part of the PCS is activ with "GMII".	the data back to the receive p ve (contradicts the next sente		00	SuggestedRemedy Missing "and"? Sugges Proposed Response	t "data shall be processed Response Status O	and looped back'	
Proposed Response	Response Status O			C/ 45 SC 45.2.3.49	.2 P27	L 48	# 125
Cl 45 SC 45.2.3.49 Pérez-Aranda, Rubén Comment Type TR Description is not corre	9.2 P27 KDPOF Comment Status X ect. The data is looped back to	L 43 the receive path	# 386		KDPOF <i>Comment Status</i> X transmission path". Add con	nmas and/or rewrit	e.
path from the GMII loo PCS transmit and rece	oback, the 1000BASE-H PCS oping the data back to the rece sive functions may not be exer	eive path on the G		SuggestedRemedy Proposed Response Cl 45 SC 45.2.3.49	Response Status O	L49	# 284
SuggestedRemedy	KDPOF Comment Status X "PMD level loopback" may no		# <u>258</u>	Ortiz Rojo, David <i>Comment Type</i> E Typo. "processed" show <i>SuggestedRemedy</i> Change sentence to: "r <i>Proposed Response</i>	KDPOF Comment Status X uld be removed. eceived data shall be looped Response Status 0	d back near"	
The text does not spec	cify whether there is transmit of <i>Response Status</i> O	output through the	e PMD in this mode.	Cl 45 SC 45.2.3.49 Mendo, Carmen Comment Type E Typo: " to the GMII re- SuggestedRemedy Should be: " to the GM	KDPOF Comment Status X ceived interface".	L 52	# 250
TYPE: TR/technical require				Proposed Response	Response Status O		Page 76 of 87

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/generalC/45Page 76 of 87COMMENT STATUS: D/dispatched A/accepted R/rejectedRESPONSE STATUS: O/open W/written C/closed Z/withdrawnSC45.05/07/2015 22:18:33SORT ORDER: Clause, Subclause, page, line

		0		•				
C/ 45 SC 45.2.3.49 Pérez-Aranda, Rubén).2 P27 KDPOF	L 52	# 312	C/ 45 Pérez-Ara	SC 45.2.3.49 anda, Rubén	.3 <i>P</i> 28 KDPOF	L 6	# 402
Comment Type E Then the received data SuggestedRemedy	Comment Status X a stream is forwarded to the G	GMII received inte	rface		CAP.OAM advert	Comment Status X isement bit is transmitte for OAM indicated by re	ed as 1 if OAM enabl	e (3.518.1) is 1 AND the
Replace "GMII receive Proposed Response	d interface" with "GMII receive Response Status O	e interface"		capat Suggeste	pilities between lir	ementation optional. It s ik partners by using PH		C/114.4. Exchange of lescribed in C/114.4
	KDPOF Comment Status X ement bit is transmitted as 1 for EEE indicated by register		# 403	adver and C (3.519 Settin zero (tisement bit is tra DAM ability, by the 9.1).	e local device, is indicat causes the PHD.CAP	DAM enable bit (3.51 ed with value one in .OAM advertisement	8.1) is set to one (enable)
Proposed Response	Response Status O			<i>CI</i> 45 Mendo, C	SC 45.2.3.49 armen	.3 <i>P</i> 28 KDPOF	L7	# 252
	KDPOF Comment Status X bus. The header field should c			Also i Suggeste	" Setting to zero n 45.2.3.49.4 (p.2 dRemedy	· · · · ·	-	
also if the local phy ha PHD.CAP.OAM should SuggestedRemedy Change description to: OAM capability is adve OAM protocol (as indic	s OAM ability. Moreover to er d not change once the link is s	nsure robust oper stablished. n the local PHY is ster 3.519) and ti	ation value of s capable of running the		ld be: " Setting to <i>Response</i>	o zero (disable) causes Response Status (
Proposed Response	Response Status O							

C/ 45 SC 45.2.3.49.3

C/ 45 SC 45.2.3. 4 Ortiz Rojo, David	9.4 P28 KDPOF	L 12	# 286	<i>Cl</i> 45 <i>SC</i> 45.2.3.5.140 Tapia, Pablo	P 31 KDPOF	L 17	# 140
also if the local phy h	Comment Status X ous. The header field should c as EEE ability. Moreover to en not change once the link is st	sure robust opera		Comment Type T OAM ability description mi SuggestedRemedy	Comment Status X issing.		
SuggestedRemedy Change description to EEE capability is adv	J. J	n the local PHY is			Response Status O		
reflected in field PHD Proposed Response	CAP.LPI only after a PMA res Response Status 0	et.		Cl 45 SC 45.2.3.50 Gilarranz, Alejandra	<i>Р</i> 29 КDPOF	L 14	# 24
Cl 45 SC 45.2.3.4 Gilarranz, Alejandra Comment Type E Missing parenthesis.	9.4 P28 KDPOF Comment Status X	L14	# 23	Comment Type E Typing error. Missing blan SuggestedRemedy Replace text by : " the si Proposed Response			
SuggestedRemedy Add parenthesis at th Proposed Response	e end of the sentence. Response Status O			C/ 45 SC 45.2.3.50 Pérez-Aranda, Rubén	<i>Р</i> 29 КDPOF	L14	# 313
C/ 45 SC 45.2.3. 4 Gilarranz, Alejandra	9.4 P28 KDPOF	L14	# 26	Comment Type E Table 45-123: Returns the value of thest	Comment Status X ate variable link_status		
Comment Type E Missing parenthesis. SuggestedRemedy	Comment Status X			SuggestedRemedy replace with: "the state va Proposed Response	riable" Response Status O		
Proposed Response	Response Status O			C/ 45 SC 45.2.3.50 Ortiz Rojo, David	Р 29 КDPOF	L 14	# 287
				Comment Type E Typo, missing space. SuggestedRemedy	Comment Status X		
				Change "thestate" to "the	state"		

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/generalC/45Page 78 of 87COMMENT STATUS: D/dispatched A/accepted R/rejectedRESPONSE STATUS: O/open W/written C/closed Z/withdrawnSC 45.2.3.5005/07/2015 22:18:34SORT ORDER: Clause, Subclause, page, lineSC 45.2.3.50SC 45.2.3.5005/07/2015 22:18:34

C/ 45 SC 45.2.3.50 P29 L 17 # [288] Ortiz Rojo, David KDPOF <	Cl 45 SC 45.2.3.50 P 29 L 36 # 363 Pérez-Aranda, Rubén KDPOF KDPOF
Comment Type E Comment Status X Wording laks consistency with the other descriptions.	Comment TypeTComment StatusXTable 45-123:Lines 36 and 37: Incorrect description.Line 39 may be improved
Change description to "Returns the value of the state variable"	SuggestedRemedy
Proposed Response Response Status O Cl 45 SC 45.2.3.50 P29 L17 # 25	Replace with: L36: 1=Tx PCS is currently receiving LPI L37: 0=Tx PCS is not currently receiveing LPI L39: 0=Rx PCS is not currently receiving LPI
Silarranz, Alejandra KDPOF	Proposed Response Response Status O
Comment Type E Comment Status X Missing "the" word before "state variable."	C/ 45 SC 45.2.3.50 P29 L43 # 27
SuggestedRemedy	Gilarranz, Alejandra KDPOF
Replace text "Returns the value of state variable" by "Returns the value of the state variable"	Comment Type E Comment Status X
Proposed Response Response Status O	Table 45-123. Typing error in the description field: "it is disable." The same error appears in the same table, line 45.
C/ 45 SC 45.2.3.50 P29 L35 # 61	SuggestedRemedy Replace text by " it is disabled.".
Silarranz, Alejandra KDPOF	Proposed Response Response Status O
Comment Type ER Comment Status X Table 45-123. Wrong register Description.	C/ 45 SC 45.2.3.50 P29 L43 # 289
SuggestedRemedy	C/ 45 SC 45.2.3.50 P29 L43 # 289 Ortiz Rojo, David KDPOF
Replace " currently transmitting LPI" by " currently receiving LPI" in both Name and Description columns.	Comment Type E Comment Status X
Proposed Response Response Status O	Typo, "disable" should be "disabled". It also happens on line 45.
	SuggestedRemedy Change to " OAM ability or it is disabled"
	Proposed Response Response Status O

C/ 45 SC 45.2.3.50

Cl 45 SC 45.2.3.50 P29 L43 # 253 Cl 45 SC 45.2.3.50 P29 L51 # 28 Mendo, Carmen KDPOF KDPOF Comment Type E Comment Status X Type: in Table 45-123. In the description of fields 3.519.3 and 3.519.2: " or it is disable". SuggestedRemedy Status X SuggestedRemedy Response Status O Cl 45 SC 45.2.3.50 P29 L51 # 28 Cl 45 SC 45.2.3.50 P29 L51 # 28 Comment Type E Comment Type E Comment Type E Comment Type Table 45-121. Wrong note text below table: "R/W=RO=Read only" SuggestedRemedy Response Status O Cl 45 SC 45.2.3.50 P29 L3 # 405 Cl 45 SC 45.2.3.50 P29 L49 # 62 Cl 45 SC 45.2.3.50.1 P30 L3 # 405 Glaranz, Alejandra KDPOF KDPOF SuggestedRemedy Suggest			•		
Type: In Table 45-123, in the description of fields 3.519.3 and 3.519.2: " or it is disable". SuggestedRemedy Should be: " or it is disabled". Proposed Response Response Response Status O (1 45 SC 45.2.3.50 P29 L49 # 182 Gilaranz, Alejanda KDPOF Comment Type ER Comment Status X Table 45-121. Wrong note text below table: "R/W=RO=Read only," SuggestedRemedy SuggestedRemedy C1 45 SC 45.2.3.50 P29 L49 # 182 C1 45 SC 45.2.3.50 P29 L49 # 102 C1 45 SC 45.2.3.50 P29 L49 # 102 C1 45 SC 45.2.3.50 P29 L49 # 104 C1 45 SC 45.2.3.50 P29 L49 P20 C1 45 SC 45.2.3.50 P20 L3 P20 C1 45 SC 45.2.3.50 P20 C1 45 SC 45.			L 43	# 253	
Should be: " or it is disabled". Proposed Response Response Status O Cl 45 SC 45.2.3.50 P29 L49 # 62 Glarranz, Alejandra KDPOF Comment Status X Cl 45 SC 45.2.3.50.1 P30 L3 # 405 Glarranz, Alejandra KDPOF Comment Status X Table 45-123. Error in Description field. OAM is written instead of EEE. SuggestedRemedy Replace to by: "RO=Read Only," Proposed Response Response Status Q SuggestedRemedy Replace to by: Table 45-123. Error in Description field. OAM is written instead of EEE. SuggestedRemedy Replace with: The PHY has EEE ability. Norment Status X Incorrect description 1 = The PHY has EEE ability. 0 P29 L49 # 404 Mendo, Carmen KDPOF Cl 45 SC 45.2.3.50 P29 L49 # 404 Mendo, Carmen KDPOF Comment Type TR Comment Status X Norrect description. It hould EEE instead of OAM SuggestedRemedy L30: 1= The PHY has EEE ability SuggestedRemedy SuggestedRemedy L39: 1= The PHY does not have EEE ability L30: 1= The PHY does not have EEE ability SuggestedRemedy SuggestedRemedy SuggestedRem	<i>,</i> ,		19.3 and 3.519.2	2: " or it is disable".	
Proposed Response Response Status O Cl 45 SC 45.2.3.50 P29 L49 L49 Gilaranz, Alejandra KDPOF Comment Type ER Comment Status X Table 45-123. Error in Description field. OAM is written instead of EEE. SuggestedRemedy Replace text by: 1 = The PHY tase EEE ability 0 0 = The PHY does not have EEE ability. Proposed Response Proposed Response Response Status O Cl 45 SC 45.2.3.50 P29 Cl 45 SC 45.2.3.50 P29 Cl 45 SC 45.2.3.50 P29 Cl 45 SC 45.2.3.50.1 P30 Cl 45 S	,	isabled".			
Cl 45 SC 45.2.3.50 P29 L49 # 62 Gilaranz, Alejandra KDPOF Comment Type ER Comment Status X Table 45-123. Error in Description field. OAM is written instead of EEE. SuggestedRemedy SuggestedRemedy Replace text by: 1 = The PHY has EEE ability. 0 = The PHY does not have EEE ability. 0 Proposed Response Response Status O Cl 45 SC 45.2.3.50 P29 Pérez-Aranda, Rubén KDPOF Comment Type TR Comment Status X Incorrect description. KDPOF Comment Type Table 45-123. Error in Description field. OAM is written instead of EEE. Suggested/Remedy Proposed Response Response Status O Cl 45 SC 45.2.3.50 P29 L49 # 404 Mendo, Carmen KDPOF Comment Type T Comment Status X Comment Type TR Comment Status X Wrong explanation of field 3.519.15 (copy of 3.519.12). Suggested/Remedy L39: 1=The PHY has EEE ability L39: 1=The PHY has EEE ability Suggested/Remedy L39: 1=The PHY does not have EEE ability L30: 1=The PHY do	Proposed Response	Response Status O			Proposed Response Response Status O
Comment Type ER Comment Status X Table 45-123. Error in Description field. OAM is written instead of EEE. SuggestedRemedy Replace text by: 1 = The PHY has EEE ability. Proposed Response Response Status O C/ 45 SC 45.2.3.50 P29 L49 # 404 C/ 45 SC 45.2.3.50 P29 L49 # 404 Comment Type TR Comment Status X Incorrect description. It hould EEE instead of OAM SuggestedRemedy L39: 1=The PHY has EEE ability L39: 1=The PHY has EEE ability L40: 0=The PHY does not have EEE ability L39: 1=The PHY has EEE ability L40: 0=The PHY does not have EEE ability			L 49	# 62	
Cl 45 SC 45.2.3.50 P29 L49 # 404 Pérez-Aranda, Rubén KDPOF Comment Type TR Comment Status X Incorrect description. It hould EEE instead of OAM SuggestedRemedy L39: 1=The PHY has EEE ability L40: 0=The PHY does not have EEE ability Cl 45 SC 45.2.3.50.1 P30 L3 # 244 Cl 45 SC 45.2.3.50.1 P30 L3 L39: 1=The PHY has EEE ability L39: 1=The PHY does not have EEE ability L39: 1=The PHY does not have EEE ability L39: 1=The PHY does not have EEE ability Comment Type Cl 45 SC 45.2.3.50.1 P30 L3 L3 P30 L3	Table 45-123. Error in SuggestedRemedy Replace text by: 1 = The PHY has EEE 0 = The PHY does not	Description field. OAM is writte ability t have EEE ability.	en instead of EEI	E.	Incorrect description SuggestedRemedy Replace with: This bit indicates the value of the state variable loc_rcvr_status as determined by the quality monitor state diagram (see <put correct="" reference="" the="">)</put>
Comment Type TR Comment Status X Incorrect description. It hould EEE instead of OAM Wrong explanation of field 3.519.15 (copy of 3.519.12). SuggestedRemedy SuggestedRemedy L39: 1=The PHY has EEE ability Replace with correct description. Suggest: L40: 0=The PHY does not have EEE ability The PHY does not have EEE ability		0 <i>P</i> 29	L 49	# 404	
SuggestedRemedy L39: 1=The PHY has EEE ability L40: 0=The PHY does not have EEE ability SuggestedRemedy Replace with correct description. Suggest: "This bit indicates the value of the state variable loc_rcvr_status which reflects the lin reported by the local receiver."	Comment Type TR	Comment Status X			Wrong explanation of field 3.519.15 (copy of 3.519.12).
	SuggestedRemedy L39: 1=The PHY has I	EEE ability			Replace with correct description. Suggest: "This bit indicates the value of the state variable loc_rcvr_status which reflects the lin
		-			

Cl 45 SC 45.2.3.50.1 Gilarranz, Alejandra	<i>Р30 КDPOF</i>	L 3	# 63	C/ 45 SC 45.2.3.50.11 Mendo, Carmen	<i>Р</i> 31 КDPOF	L 4	# 185
•	nment Status X c_rcvr_hdr_lock" writt	en in local receiv	er status description.	Comment Type E Typo: " the PHY is receiving	Comment Status X ng is in LPI Transmit Blo	ocks".	
SuggestedRemedy Replace "loc_rcvr_hdr_lock" va	ariable by "loc_rcvr_s	tatus" variable in	text.	SuggestedRemedy Should be: " the PHY is re	ceiving LPI Transmit Blo	ocks".	
Proposed Response Resp	oonse Status O			Proposed Response R	Response Status O		
C/ 45 SC 45.2.3.50.10 Pérez-Aranda, Rubén	P 30 KDPOF	L 48	# 369	C/ 45 SC 45.2.3.50.12 Pérez-Aranda, Rubén	P 31 KDPOF	L9	# 371
Comment Type T Con Description can be improved to	nment Status X	ato information		Comment Type T O	Comment Status X		
	provide more accura				Jvcu.		
	dicates that the trans II. When read as a ze	mit 1000BASE-H ro, this bit indicat	es that the 1000BASE-	SuggestedRemedy This bit indicates the OAM PHD.CAP.OAM. When read OAM protocol and it is enat not capable for OAM or it is	ability of the remote PH d as one, this bit indicate bled. When read as zero	es the remote PH	IY is capable of running
SuggestedRemedy When read as a one, this bit in receiving LPI signals from GM H PCS transmit function is not state transition is undefined.	dicates that the trans II. When read as a ze	mit 1000BASE-H ro, this bit indicat	es that the 1000BASE-	SuggestedRemedy This bit indicates the OAM PHD.CAP.OAM. When rea OAM protocol and it is enat not capable for OAM or it is	ability of the remote PH d as one, this bit indicate bled. When read as zero	es the remote PH	IY is capable of running
SuggestedRemedy When read as a one, this bit in receiving LPI signals from GM H PCS transmit function is not state transition is undefined. Proposed Response Resp CI 45 SC 45.2.3.50.11	dicates that the trans II. When read as a ze currently receiving LF	mit 1000BASE-H ro, this bit indicat	es that the 1000BASE-	SuggestedRemedy This bit indicates the OAM PHD.CAP.OAM. When rea OAM protocol and it is enat not capable for OAM or it is	ability of the remote PH d as one, this bit indicate bled. When read as zero disable.	es the remote PH	IY is capable of running
SuggestedRemedy When read as a one, this bit in receiving LPI signals from GM H PCS transmit function is not state transition is undefined. Proposed Response Resp Cl 45 SC 45.2.3.50.11 Pérez-Aranda, Rubén	dicates that the transf II. When read as a ze currently receiving LF conse Status O P31 KDPOF mment Status X	mit 1000BASE-H ro, this bit indicat Pl signals. The be	es that the 1000BASE- ehavior if read during a	SuggestedRemedy This bit indicates the OAM a PHD.CAP.OAM. When read OAM protocol and it is enal not capable for OAM or it is Proposed Response Cl 45 SC 45.2.3.50.13 Pérez-Aranda, Rubén	ability of the remote PHY d as one, this bit indicate bled. When read as zero disable. Response Status O P 31 KDPOF Comment Status X	es the remote P⊢ o, this bit indicate	IY is capable of running s that the remote PHY is
SuggestedRemedy When read as a one, this bit in receiving LPI signals from GM H PCS transmit function is not state transition is undefined. Proposed Response Resp CI 45 SC 45.2.3.50.11 Pérez-Aranda, Rubén Comment Type T Cor	dicates that the transf II. When read as a ze currently receiving LF conse Status O P31 KDPOF mment Status X o provide more accura dicates that the receiv c service interface. We	mit 1000BASE-H ro, this bit indicat PI signals. The be <i>L</i> 3 ate information. ve 1000BASE-H /hen read as a ze urrently receiving	es that the 1000BASE- ehavior if read during a # <u>370</u> PCS is currently ero, this bit indicates	SuggestedRemedy This bit indicates the OAM A PHD.CAP.OAM. When read OAM protocol and it is enable not capable for OAM or it is Proposed Response Cl 45 SC 45.2.3.50.13 Pérez-Aranda, Rubén Comment Type T	ability of the remote PHY d as one, this bit indicate oled. When read as zero disable. Response Status O P31 KDPOF Comment Status X oved and corrected. Ability of the remote PHY indicates the remote PHY	es the remote PH b, this bit indicate <i>L</i> 14 (received in the I	IY is capable of running s that the remote PHY is # <u>372</u> PHD field PHD.CAP.LPI PI and it is enabled.

C/ 45 SC 45.2.3.50.13

Cl 45 SC 45.2.3.50.13 Gilarranz, Alejandra k	P 31 KDPOF	L14	# 66	C/ 45 SC 45.2.3.50.1 Mendo, Carmen	4 P31 KDPOF	L17	# 242
Comment Type ER Comment St Wrong PHD field "PHD.CAP.OAM" is w		ote EEE ability de	scription.	Comment Type ER Empty section. Same for	Comment Status X 45.2.3.50.15.		
SuggestedRemedy Replace PHD field by "PHD.CAP.EEE". Proposed Response Response Sta				SuggestedRemedy Add field explanation. Fo "This bit indicates the OA Proposed Response	or example: M capability reported by th <i>Response Status</i> 0	ne local PHY."	
C/ 45 SC 45.2.3.50.14 Pérez-Aranda, Rubén k	P 31 KDPOF	L17	# 406				
Comment Type TR Comment St	tatus X			C/ 45 SC 45.2.3.50.1 Ortiz Rojo, David	4 P31 KDPOF	L 18	# 292
No descriptions for OAM ability and EE SuggestedRemedy OAM ability:	E ability bits.			Comment Type TR Missing description.	Comment Status X		
This bit indicates the OAM ability if the				SuggestedRemedy Add the following descrip	otion:		
This bit indicates the OAM ability if the the local PHY is capable of running an local PHY is not capable for OAM proto	OAM protocol.			Add the following descrip "This bit indicates if the lo	otion: ocal PHY hardware has ca never advertise OAM capa		
This bit indicates the OAM ability if the l the local PHY is capable of running an local PHY is not capable for OAM proto EEE ability: This bit indicates the EEE ability if the local PHY is capable of LPI, hence	OAM protocol. local PHY. Whe the local PHY	. When read as z en read as one, t is able to enter tl	ero, it indicates the his bit indicates that he transmit PCS in LPI	Add the following descrip "This bit indicates if the lo	ocal PHY hardware has ca		
This bit indicates the OAM ability if the l the local PHY is capable of running an local PHY is not capable for OAM proto EEE ability: This bit indicates the EEE ability if the lo	OAM protocol. ocol. local PHY. Whe the local PHY accept the PCS zero, it indicate	When read as z en read as one, t is able to enter th receive function	ero, it indicates the his bit indicates that he transmit PCS in LPI I LPI signaling from	Add the following descrip "This bit indicates if the is zero the local PHY will	ocal PHY hardware has ca never advertise OAM cap <i>Response Status</i> O		
This bit indicates the OAM ability if the l the local PHY is capable of running and local PHY is not capable for OAM proto EEE ability: This bit indicates the EEE ability if the local the local PHY is capable of LPI, hence mode asserted from GMII and also to a PMD service interface. When read as z operation in either transmission or rece	OAM protocol. bool local PHY. Whe the local PHY accept the PCS zero, it indicate eption.	When read as z en read as one, t is able to enter th receive function	ero, it indicates the his bit indicates that he transmit PCS in LPI I LPI signaling from	Add the following descrip "This bit indicates if the lis zero the local PHY will Proposed ResponseCl 45SC 45.2.3.50.1	5 P31 KDPOF Comment Status X	ability to the link p	partner."
This bit indicates the OAM ability if the l the local PHY is capable of running and local PHY is not capable for OAM proto EEE ability: This bit indicates the EEE ability if the le the local PHY is capable of LPI, hence mode asserted from GMII and also to a PMD service interface. When read as z operation in either transmission or rece Proposed Response Response State	OAM protocol. bool local PHY. Whe the local PHY accept the PCS zero, it indicate eption.	When read as z en read as one, t is able to enter th receive function	ero, it indicates the his bit indicates that he transmit PCS in LPI I LPI signaling from	Add the following descrip "This bit indicates if the lais zero the local PHY will <i>Proposed Response</i> <i>Cl</i> 45 <i>SC</i> 45.2.3.50.1 Tapia, Pablo <i>Comment Type</i> T	5 P31 KDPOF Comment Status X	ability to the link p	partner."
This bit indicates the OAM ability if the l the local PHY is capable of running and local PHY is not capable for OAM proto EEE ability: This bit indicates the EEE ability if the local PHY is capable of LPI, hence mode asserted from GMII and also to a PMD service interface. When read as z operation in either transmission or rece Proposed Response Response Sta C/ 45 SC 45.2.3.50.14 Gilarranz, Alejandra K	OAM protocol. bocol. local PHY. Whe the local PHY accept the PCS zero, it indicate eption. tatus 0 P 31 KDPOF tatus X	When read as one, t is able to enter the receive function the local PHY i	ero, it indicates the his bit indicates that he transmit PCS in LPI LPI signaling from s not capable for LPI	Add the following descrip "This bit indicates if the lis zero the local PHY will Proposed Response Cl 45 SC 45.2.3.50.1 Tapia, Pablo Comment Type T EEE ability description m	5 P31 KDPOF Comment Status X	ability to the link p	partner."
This bit indicates the OAM ability if the l the local PHY is capable of running and local PHY is not capable for OAM proto EEE ability: This bit indicates the EEE ability if the le the local PHY is capable of LPI, hence mode asserted from GMII and also to a PMD service interface. When read as z operation in either transmission or rece Proposed Response Cl 45 SC 45.2.3.50.14 Gilarranz, Alejandra K Comment Type E	OAM protocol. bocol. local PHY. Whe the local PHY accept the PCS zero, it indicate eption. tatus 0 P 31 KDPOF tatus X	When read as one, t is able to enter the receive function the local PHY i	ero, it indicates the his bit indicates that he transmit PCS in LPI LPI signaling from s not capable for LPI	Add the following descrip "This bit indicates if the la is zero the local PHY will Proposed Response Cl 45 SC 45.2.3.50.1 Tapia, Pablo Comment Type T EEE ability description m SuggestedRemedy	ocal PHY hardware has can never advertise OAM capa <i>Response Status</i> O 5 <i>P</i> 31 KDPOF <i>Comment Status</i> X iissing.	ability to the link p	partner."

C/ 45 SC 45.2.3.50.15 P31 Ortiz Rojo, David KDPOF	L 20	# 293	<i>Cl</i> 45 <i>SC</i> 45.2.3.50.5 Ortiz Rojo, David	Р 30 КDPOF	L 23	# 290
Comment Type TR Comment Status X Missing description.			Comment Type E Com Typo, "aswhich" should be "whi	<i>ment Status</i> X ch"		
SuggestedRemedy Use the following description: "This bit indicates if the local PHY hardware has EE		s bit is zero the local	SuggestedRemedy Change sentence to: " rem_ro Proposed Response Resp	cvr_hdf_lock which ro	eflects"	
phy will never advertise EEE capability to the link pa Proposed Response Response Status O			· · · · · · · · · · · · · · · · · · ·			
C/ 45 SC 45.2.3.50.5 P30	L 23	# 29	Cl 45 SC 45.2.3.50.5 Pérez-Aranda, Rubén	Р 30 КDPOF	L 23	# 364
Gilarranz, Alejandra KDPOF	23	# 29	Comment Type T Com	ment Status X		
Comment Type E Comment Status X			The state variable is determined description.	d by an state diagrar	n and it should be	e reflected in the
			•			
Typing error in text " variable rem_rcvr_hdr_lock a	swhich reflects	n	SuggestedRemedy			
		n	Replace with: This bit indicates the value of th		_rcvr_hdr_lock a	s determined by the
SuggestedRemedy Replace text by " variable rem_rcvr_hdr_lock whic		и	Replace with: This bit indicates the value of th remote PHD reception monitor		_rcvr_hdr_lock a	s determined by the
SuggestedRemedy Replace text by " variable rem_rcvr_hdr_lock whic Proposed Response Response Status O		" # [<u>184</u>]	Replace with: This bit indicates the value of the remote PHD reception monitor: Proposed Response Response Cl 45 SC 45.2.3.50.6	state diagram. onse Status O	_rcvr_hdr_lock a	s determined by the # <u>365</u>
SuggestedRemedy Replace text by " variable rem_rcvr_hdr_lock whic Proposed Response Response Status O	ch reflects"		Replace with: This bit indicates the value of the remote PHD reception monitor : Proposed Response Response Cl 45 SC 45.2.3.50.6 Pérez-Aranda, Rubén Comment Type T Com	state diagram. onse Status O		
SuggestedRemedy Replace text by " variable rem_rcvr_hdr_lock whic Proposed Response Response Status O CI 45 SC 45.2.3.50.5 P30 Mendo, Carmen KDPOF Comment Type E Comment Status X Typo: " variable rem_rcvr_hdr_lock aswhich reflect	L23		Replace with: This bit indicates the value of the remote PHD reception monitor is Proposed Response Response Cl 45 SC 45.2.3.50.6 Pérez-Aranda, Rubén Comment Type Comment Type T ComgestedRemedy SuggestedRemedy	state diagram. onse Status O P 30 KDPOF		
SuggestedRemedy Replace text by " variable rem_rcvr_hdr_lock whic Proposed Response Response Status O 	L23		Replace with: This bit indicates the value of th remote PHD reception monitor : Proposed Response Response Cl 45 SC 45.2.3.50.6 Pérez-Aranda, Rubén Comment Type T Com Incorrect state diagram	state diagram. onse Status O P 30 KDPOF ment Status X ne state variable rcvr		# 365

Comment Type T Comment Status X					
Comment Type T Comment Status X Incorrect reference. SuggestedRemedy	Comment Type T Comment Status X Description can be improved to provide more accurate information. In addition is not correct because the PCS receive function does not receive LPI signals from GMII, but from PMD service interface.				
Replace with the corerct one: 114.3.2.2.3	SuggestedRemedy				
Proposed Response Response Status O	When read as a one, this bit indicates that the receive 1000BASE-H PCS has received LPI signaling from PMD service interface one or more times since the register was last read. When read as a zero, this bit indicates that the 1000BASE-H PCS receive function has not				
C/ 45 SC 45.2.3.50.8 P30 L38 # 291	received LPI signaling. This bit shall be implemented with latching high behavior. Proposed Response Response Status O				
Comment Type T Comment Status X	Proposed Response Response Status O				
Current description request that the bit should be clear when read. However it should be updated to the new status when read, which is not neccessarily zero.	C/ 45 SC 45.2.3.50.9 P30 L43 # 64 Gilarranz, Alejandra KDPOF KD				
SuggestedRemedy Replace "This bit is reset to zero when read (see 114.5)" by "This bit is updated to the new status when read".	Comment Type ER Comment Status X Description is the same for both subclauses 45.2.3.50.8 and 45.2.3.50.9.				
Proposed Response Response Status O	SuggestedRemedy Replace text of subclause 45.2.3.50.9. by "This bit indicates that the local PHY has received LPI signalling in the receive path."				
C/ 45 SC 45.2.3.50.8 P30 L38 # 367 Pérez-Aranda, Rubén KDPOF	Proposed Response Response Status O				
Comment Type T Comment Status X Description can be improved to provide more accurate information.	C/ 45 SC 45.2.3.51.1 P 31 L 36 # 407 Pérez-Aranda, Rubén KDPOF				
SuggestedRemedy When read as a one, this bit indicates that the transmit 1000BASE-H PCS has received LPI signaling from GMII one or more times since the register was last read. When read as a zero, this bit indicates that the 1000BASE-H PCS transmit function has not received LPI	Comment Type TR Comment Status X Description can be improved. Correct log2(100.35) replacing with log2(10^0.35).				
signaling. This bit shall be implemented with latching high behavior.	SuggestedRemedy				
Proposed Response Response Status O	These bits are set by the local 1000BASE-H PHY to indicate the link margin of receiver. Lir margin is defined as the extra signal-to-noise ratio that is available in decoding with respec to the minimum one needed by the receiver to assert loc_rcvr_status = OK. Link margin is provided fix-point formatted (14,6) in log2 units. For example, a link margin of 3.5 dB is equivalent to log2(10^0.35) = 1.1627 log2 units, which is equivalent to 0x012A in (14,6) fixe point format.				
	point format.				

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: Clause, Subclause, page, line

C/ 45 SC 45.2.3.51.1

C/ 45 SC 45.2.3.51.1 Mendo, Carmen	<i>Р</i> 31 КDPOF	L 3 7	# 243	Cl 45 SC 45.2.3.51 Tapia, Pablo	.1 <i>P</i> 31 KDPOF	L 38	# 126
Comment Type ER No explanation of the fixe	Comment Status X ed-point format notation.			Comment Type E Change: "log2(100.35)"	Comment Status X		
Alternatively, add referen	M bits of which N for intege ce to 114.3.1 where it is exp			SuggestedRemedy To: "log2(10^0.35)"			
Toposed Response	roposed Response Response Status O		Proposed Response	Response Status O			
C/ 45 SC 45.2.3.51.1 Drtiz Rojo, David	P 31 KDPOF	L37	# 294	C/ 45 SC 45.2.3.51 Ortiz Rojo, David	1 <i>P</i> 31 KDPOF	L 38	# 295
Comment Type TR Description of the meanin	Comment Status X ng of format (14,6) is missing	g.		Comment Type ER Typo in the formula.	Comment Status X		
SuggestedRemedy Add this sentence at the e	end of the description:			SuggestedRemedy Replace "log2(100.35)"	by "log2(10^0.35)".		
the second number repre-	specification te first number sents the bits allocated to th nbers to floating point can b	ne integer part. A	formal description for	Proposed Response	Response Status O		
Proposed Response	Response Status O			<i>Cl</i> 45 <i>SC</i> 45.2.3.52 Mendo, Carmen	1 <i>P</i> 32 KDPOF	L16	# 254
X 45 SC 45.2.3.51.1 Bilarranz, Alejandra	Р 31 КDPOF	L 38	# 65	Comment Type ER Missing details of forma	Comment Status X		
<i>Comment Type</i> ER Error in equation "log2(10	Comment Status X 00.35)=1.1627"			SuggestedRemedy Add reference to 45.2.3	5.51.1, assuming the format i	s the same.	
SuggestedRemedy Replace equation value b	y "log2(10^0.35)=1.1627"			Proposed Response	Response Status O		
Proposed Response	Response Status O						

C/ 45 SC 45.2.3.52.1

C/ 45 SC 45.2.3.52.1 Pérez-Aranda, Rubén	Р 32 КDPOF	L16	# 408	Cl 45 SC 45.2.3. Pérez-Aranda, Rubén	53 P32 KDPOF	L 24	# 373		
Comment Type TR Con Description can be improved.	ment Status X			Comment Type T Description of 3.522.	Comment Status X 15 not correct when value 1.				
<i>iggestedRemedy</i> These bits reports the link marg	in of the remote PH	receiver as it is	received in the PHD	BER test mode count	er reset (3.522.15) is SC (Self-	clearing).			
field PHD.RX.LINKMARGIN. R	emote link margin is t	he extra signal-to	o-noise ratio available	BER test mode count	er (3.521.14:0) is NR (Non Rol	l-over) and shou	d be indicated.		
in the remote receiver with resp OK. Same fixed-point format of			sert rem_rcvr_status =	SuggestedRemedy					
	onse Status O	20.13.0).		Line 26, replace with: 1 = reset the BER test mode counter 3.522.14:0.					
45 SC 45.2.3.52.1	P 32	L17	# 296		n for the first row of table 45-12 ng to foot note a of Table 45-12				
rtiz Rojo, David omment Type ER Con	KDPOF ment Status X				n for the last row of table 45-12 ver to foot note a of Table 45-1				
Format of this field is not specified	ied.			Proposed Response	Response Status 0				
uggestedRemedy Add the following sentence to t "This field has the same format		3:0."		Cl 45 SC 45.2.3.8	53 P32 KDPOF	L 26	# 127		
roposed Response Response Status O		Comment Type E Comment Status X Remove TBD from PcsTBD3.14:0 and assign propper value.							
				SuggestedRemedy					
				Proposed Response	Response Status O				
		C/ 45 SC 45.2.3. Mendo, Carmen	53 <i>P</i> 32 KDPOF	L 26	# 255				
		Comment Type ER Typo: in Table 45-126	Comment Status X 6, the description of 3.522.15 s	eems to be corru	pted.				
				SuggestedRemedy					
				Probably intended to	be a reference to the counter f t mode counter in 3.522.14:0	ield in the same	register:		
				5					

C/ 45 SC 45.2.3.53 Page 86 of 87 05/07/2015 22:18:34

Cl 45 SC 45.2.3.5 Gilarranz, Alejandra	53 <i>P</i> 32 KDPOF	L 28	# 67	C/ 78 Pérez-Arand	SC 78.2 a, Rubén	<i>Р</i> 33 КDPOF	L 27	# 409	
C C	Comment Status X value of Bit column (3.521.14:	0).		blocks w	, of symbols (8 /hen they are	Comment Status X 0) with value 0 prepended and used as refresh signals in LPI			
SuggestedRemedy Replace value by 3.52	22.14:0			Sub-clau	use 114.5 has	K function requires. to agree with requirements for	or sleep and wak	e of PMD RX as	
Proposed Response	Response Status O					n Pittsburgh (see "Avago - _of_FOT_Rx_overTemp.pdf")) and sent to GE	POF reflector at May	
C/ 45 SC 45.2.3.5	53 P32	L 28	# 256	SuggestedR	emedy				
Mendo, Carmen	KDPOF			Modify line 27 as: 0, 0, 23.52, 23.52, 1.30, 1.30					
Comment Type ER In Table 45-126, wror	Comment Status X ng location for field "BER test m	node counter" (in	column "Bit(s)").			ezaranda_GEPOF_1_0715.pc	df" for rational be	hind that.	
SuggestedRemedy Replace 3.521.14:0 w	vith 3.522.14:0.			Proposed R	esponse	Response Status O			
Proposed Response Response Status O				C/ FM Grow, Rober	SC t	P RMG Consult	L	# 469	
C/ 45 SC 45.2.3.5 Pérez-Aranda, Rubén	3.1 <i>P</i> 32 KDPOF	L 35	# 374	Comment Type E Comment Status X Front matter is not consistent with P802.3 draft.					
Comment Type T Comment Status X Description may be improved and overflow behaviour should be indicated.					SuggestedRemedy Update frontmater Introduction to current 802.3 template.				
SuggestedRemedy	F			Proposed R	esponse	Response Status O			
These bits are a 15-b output of the binary d bits shall be reset to a indication of the link p	it counter that counts the numb escrambler, when the PHY rec all zeroes when the PCS receiv partner (see 114.8.1) or when re ode counter reset. These bits s	eiver is operating e function enters eset is instructed	in test mode 1. These test mode 1 by by writting one to						
Pronosed Response	Boononoo Statua								

Proposed Response

Response Status **O**