

Cl 44 SC 44.1.4.4 P 26 L 39 # 6 [REDACTED]
 Pérez-Aranda, Rubén KDPOF
 Comment Type T Comment Status D EZ
 Clause 300 specified PCS, PMA and PMD.
 SuggestedRemedy
 Replace 10GBASE-AU PCS & PMA with 10GBASE-AU PCS/PMA/PMD
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 44 SC 44.1.4.4 P 26 L 21 # 7 [REDACTED]
 Pérez-Aranda, Rubén KDPOF
 Comment Type T Comment Status D EZ
 Editor note. PMA is already defined.
 SuggestedRemedy
 Replace with "Depending on the PMD definition"
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 125 SC 125.1.4 P 64 L 23 # 29 [REDACTED]
 Pérez-Aranda, Rubén KDPOF
 Comment Type T Comment Status D EZ
 For implementation of 2.5GBASE-AU is not mandatory 2.5GBASE-T1. For implementation of 5GBASE-AU is not mandatory 5GBASE-T1. The only thing in common is the re-use of C/55 64B/65B encoding. Also in line 29
 SuggestedRemedy
 Remove M of rows 2.5GBASE-T1 and 5GBASE-T1, the the columns 2.5GBASE-AU and 5GBASE-AU respectively.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 131 SC 131.2.3 P 67 L 50 # 36 [REDACTED]
 Pérez-Aranda, Rubén KDPOF
 Comment Type E Comment Status D EZ
 This subclauses is not and does not require to be amended. In the Fig 44-1, 105-1, 125-1 and 131-1, FEC sublayer is not included.
 SuggestedRemedy
 Remove it.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 300 SC 300 P 71 L 9 # 37 [REDACTED]
 Pérez-Aranda, Rubén KDPOF
 Comment Type E Comment Status D EZ
 PMD is a sublayer. They are several types (plural)
 SuggestedRemedy
 Amend title as: Physical Coding Sublayer (PCS), Physical Medium Attachment (PMA) sublayer, and Physical Medium Dependent (PMD) sublayer, types 2.5GBASE-AU, 5GBASE-AU, 10GBASE-AU, 25GBASE-AU, and 50GBASE-AU
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 300 SC 300.1.1 P 71 L 43 # 41 [REDACTED]
 Pérez-Aranda, Rubén KDPOF
 Comment Type E Comment Status D EZ
 They a re five PHYs
 SuggestedRemedy
 Replace four with five.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 300 SC 300.1.4 P 73 L 48 # 43
 Pérez-Aranda, Rubén KDPOF
 Comment Type T Comment Status D EZ
 PMD is connected to PCS. Terms PMD and PCS exchanged in the PHY of the right side.
 Also in line 49
 SuggestedRemedy
 Per comment.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 300 SC 300.1.4 P 74 L 38 # 48
 Pérez-Aranda, Rubén KDPOF
 Comment Type E Comment Status D EZ
 "PMA functionality is described ...". I believe the standard document provides a set of specifications, but not descriptions. The PMA functionality is specified. Similar wording is used in several places.
 SuggestedRemedy
 To check all the text to replace describing wording with specifying wording, where appropriate.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 300 SC 300.2.3.1 P 79 L 42 # 68
 Pérez-Aranda, Rubén KDPOF
 Comment Type T Comment Status D EZ
 According to the Figure 300-7 PCS transmit function, this clause should be "Payload data path". There is lack of consistency.
 SuggestedRemedy
 Do it consistent, changing block diagram, text or both.
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE. The text will be changed to match the Figure 300-7.

Cl 300 SC 300.2.3.3.2 P 83 L 7 # 72
 Pérez-Aranda, Rubén KDPOF
 Comment Type T Comment Status D EZ
 CRC code is not "extra", it is the only error detection capability after TRC decoding.
 SuggestedRemedy
 Remove "extra"
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 300 SC 300.2.3.3.3 P 83 L 32 # 74
 Pérez-Aranda, Rubén KDPOF
 Comment Type T Comment Status D EZ
 No extra. It is after TRC decoding.
 SuggestedRemedy
 Replace with: "The 224 PHD bits from PHD Builder are appended with 16 cyclic redundancy check bits (CRC16) for error detection capability after TRC decoding."
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 300 SC 300.2.3.3.4 P 84 L 3 # 75
 Pérez-Aranda, Rubén KDPOF
 Comment Type T Comment Status D EZ
 TRC is not systematic code.
 SuggestedRemedy
 Remove "systematically"
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 300 SC 300.2.3.6 P 90 L 1 # 81
 Pérez-Aranda, Rubén KDPOF
 Comment Type T Comment Status D EZ
 Multiplexer?
 SuggestedRemedy
 Replace with: "The initial value of r[0] is xor-ed with the first bit from the RS-FEC encoder to generate"
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 300 SC 300.2.4 P 90 L 42 # 87
 Pérez-Aranda, Rubén KDPOF
 Comment Type T Comment Status D EZ
 PCS receive process monitors
 SuggestedRemedy
 Replace monitors with decodes.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 300 SC 300.3.4.1 P 93 L 28 # 100
 Pérez-Aranda, Rubén KDPOF
 Comment Type T Comment Status D EZ
 (see 300.2.3.4.10) no valid reference.
 SuggestedRemedy
 Replace by a reference to 64B/65B receive state diagram.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 300 SC 300.3.4.1 P 93 L 45 # 102
 Pérez-Aranda, Rubén KDPOF
 Comment Type T Comment Status D EZ
 (see 300.2.3.4.10) no valid reference.
 SuggestedRemedy
 Replace by a reference to 64B/65B transmit state diagram.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 300 SC 300.3.4.2 P 94 L 40 # 105
 Pérez-Aranda, Rubén KDPOF
 Comment Type T Comment Status D EZ
 so that the remote PHY can perform clock recovery and train its equalizers (tx_enable <= TRUE).
 SuggestedRemedy
 "so that the remote PHY can perform Transmit Block synchronization, clock recovery and train its equalizers (tx_enable <= TRUE)"
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 300 SC 300.3.4.3 P 96 L 5 # 109
 Pérez-Aranda, Rubén KDPOF
 Comment Type T Comment Status D EZ
 "Blind tracking algorithms for timing recovery can be enabled after the equalizer training has finished. The implementor has the possibility to implement data-aided or blind algorithms for clock recovery and equalizer adaptation during the training phase (i.e. link_status = FAIL). It is decision up to the implementor. When link_status = OK, the clock recovery and equalizer tracking needs to be blind, because transported information will be encoded from XGMII, which is not a priori known. However the implementor may decided not to adapt the equalizers once link_status = OK.

SuggestedRemedy
 Remove. It is implementation decision the algorithms to use.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 300 SC 300.3.4.3 P 96 L 13 # 110
 Pérez-Aranda, Rubén KDPOF
 Comment Type E Comment Status D EZ
 whether this reception is reliable
 SuggestedRemedy
 whether the 65B blocks reception is reliable.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 300 SC 300.3.4.5 P 98 L 3 # 112
 Pérez-Aranda, Rubén KDPOF
 Comment Type T Comment Status D EZ
 “or disable the reception of headers” seems to be related with en_rcvrhdr of Figure 300-17. en_rcvrhdr variable is not defined and it is not assigned by any other state diagram or register. It is not consistent with baseline.
 SuggestedRemedy
 Remove text and variable in the state diagram.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 300 SC 300.3.4.5 P 97 L 35 # 113
 Pérez-Aranda, Rubén KDPOF
 Comment Type E Comment Status D EZ
 “on entry” has no meaning.
 SuggestedRemedy
 Remove it.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 300 SC 300.6.1.1 P 107 L 3 # 122
 Pérez-Aranda, Rubén KDPOF
 Comment Type T Comment Status D EZ
 “analog signal amplitude”. In reality symbols with value {-1} and {+1}.
 SuggestedRemedy
 Correct per comment.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 300,12 SC 300,12 P 108 L 37 # 123
 Pérez-Aranda, Rubén KDPOF
 Comment Type E Comment Status D EZ
 “that there be” —> meaning ?
 SuggestedRemedy
 Remove.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 300,12 SC 300,12 P 109 L 3 # 124
 Pérez-Aranda, Rubén KDPOF
 Comment Type T Comment Status D EZ
 Table 300-5. The delay is the same for all the data-rates: 11264 bit times, 22 pause quanta. Delay in ns is result of multiplying the number of bit-time by the bit transmission period (i.e. bit time).
 SuggestedRemedy
 Correct table per comment.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 300 SC 300 P 71 L 1 # 125
 Pérez-Aranda, Rubén KDPOF
 Comment Type E Comment Status D EZ
 General: figures should be placed close to the clauses where they are referred to facilitate reading the draft.
 SuggestedRemedy
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 00 SC 0 P1 L0 # 131
 Grow, Robert RMG Consulting, KDPOF
 Comment Type E Comment Status D EZ
 Incorrect TF name in header, both project number and TF name
 SuggestedRemedy
 Change IEEE 802.cz Multi-Gig Automotive Optical Ethernet PHY Task Force to IEEE P802.3cz Multi-Gigabit Optical Automotive Ethernet Task Force. Also correct on page 8 lines 13 and 14.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI FM SC FM P1 L12 # 132
 Grow, Robert RMG Consulting, KDPOF
 Comment Type E Comment Status D EZ
 Title does not agree with the PAR.
 SuggestedRemedy
 Replace with "Physical Layer Specifications and Management Parameters for Multi-Gigabit Optical Automotive Ethernet" here; p. 10, l. 4; and p. 18, l. 17.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI FM SC FM P1 L2 # 133
 Grow, Robert RMG Consulting, KDPOF
 Comment Type E Comment Status D EZ
 Multiple problems: 1) typo "IEE"; 2) different grammar than on published standards ("of" instead of "to"; 3) as is indicates we are likely to be first amendment to IEEE Std 802.3-20xx his does not agree with front matter introduction (nor current timelines).
 SuggestedRemedy
 (Amendment to IEEE Std 802.3TM-20xx as amended by [list to be populated during publication process]). Request update of draft templates ("of" instead or "to").
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI FM SC FM P1 L30 # 134
 Grow, Robert RMG Consulting, KDPOF
 Comment Type E Comment Status D EZ
 Per resolution of comments on P802.3cy snd P802.3cz PARs, we should be using optical or electrical as a modifier of "Automotive Ethernet".
 SuggestedRemedy
 Change "Automotive Optical" to "Optical Automotive" here,
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI FM SC FM P3 L6 # 135
 Grow, Robert RMG Consulting, KDPOF
 Comment Type E Comment Status D EZ
 Add to Keywords.
 SuggestedRemedy
 Add Automotive Ethernet to the list.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI FM SC FM P4 L7 # 136
 Grow, Robert RMG Consulting, KDPOF
 Comment Type E Comment Status D EZ
 Obsolete note. While the Roman and Arabic numbering convention described in this note was once the style, it is no longer the style (see 2020 IEEE Standards Style Manual 11.1).
 SuggestedRemedy
 Delete this Editor's Note. Request update of 802.3 template if it is still there (I don't have FrameMaker to check current template on the web site.).
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI **FM** SC **FM** P **8** L **4** # **137**

Grow, Robert RMG Consulting, KDPOF

Comment Type **E** Comment Status **D** EZ

The TBD here and above on line 17 are perhaps misleading as this list does not affect technical completeness of the draft, and the list will be determined by the voter list generated after the WG meeting at which WG ballot is approved.

SuggestedRemedy

Delete TBD at line 4, consider replacing the TBD at line 17 with an Editor's Note that the list should be added after initial WG ballot.

Proposed Response Response Status **W**

PROPOSED ACCEPT.

CI **FM** SC **FM** P **8** L **8** # **138**

Grow, Robert RMG Consulting, KDPOF

Comment Type **E** Comment Status **D** EZ

Old WG officer list

SuggestedRemedy

Delete line for Pete and ", Phase 2 from Jon's line.

Proposed Response Response Status **W**

PROPOSED ACCEPT.

CI **FM** SC **FM** P **9** L **5** # **139**

Grow, Robert RMG Consulting, KDPOF

Comment Type **E** Comment Status **D** EZ

Delete TBD here, line 28 and line 34.

SuggestedRemedy

Lists and dates will be completed by publication editor during publication preparation.

Proposed Response Response Status **W**

PROPOSED ACCEPT.

CI **FM** SC **FM** P **11** L **40** # **140**

Grow, Robert RMG Consulting, KDPOF

Comment Type **E** Comment Status **D** EZ

Sponsor ballot is now an obsolete term.

SuggestedRemedy

Change "Sponsor ballot" to "SA ballot".

Proposed Response Response Status **W**

PROPOSED ACCEPT.

CI **FM** SC **FM** P **11** L **43** # **141**

Grow, Robert RMG Consulting, KDPOF

Comment Type **E** Comment Status **D** EZ

It is customary to not include complete year on any unapproved/unpublished standard.

SuggestedRemedy

Change "2022" to "20XX" here as well as page 12 and lines 1 and 7.

Proposed Response Response Status **W**

PROPOSED ACCEPT.

CI **FM** SC **FM** P **11** L **45** # **142**

Grow, Robert RMG Consulting, KDPOF

Comment Type **E** Comment Status **D** EZ

As the editor's note implies actual amendment order and which amendments will be included in the next revision won't be very clear until early 2022. Mr. Law in early February proposed amendment numbers up to Amendment 17. P802.3cs (proposed Amendment 15) will very likely be an amendment to 802.3-2018. P802.3ck (proposed Amendment 16) is also expected to begin WG ballot in March (but with a longer timeline). P802.3cw (proposed Amendment 17), P802.3cx, and P802.3 db (no draft yet) all have timelines projecting completion about the same time as P802.3ck. So we could be anywhere from Amendment 1 to Amendment 6 based on February data. With this uncertainty, we probably should not assume amendment numbers because it might lead others to assume they have been assigned.

SuggestedRemedy

Either leave number blank on all amendments listed until they are assigned by WG leadership. Or only include the descriptions.

Proposed Response Response Status **W**

PROPOSED ACCEPT.

CI **FM** SC **FM** P **11** L **45** # **143**

Grow, Robert RMG Consulting, KDPOF

Comment Type **E** Comment Status **D** EZ

The current P802.3ck draft has a self description.

SuggestedRemedy

P802.3ck/D1.4 description is: This amendment includes changes to IEEE Std 802.3-2018 and adds Clause 161 through Clause 163, Annex 120F, Annex 120G, and Annex 162A through Annex 162D. This amendment includes Physical Layer specifications and management parameters for 100 Gb/s, 200 Gb/s, and 400 Gb/s electrical interfaces based on 100 Gb/s signaling.

Proposed Response Response Status **W**

PROPOSED ACCEPT.

CI **FM** SC **FM** P **12** L **3** # **144**

Grow, Robert RMG Consulting, KDPOF

Comment Type **E** Comment Status **D** EZ

The current P802.3cx draft has a self description.

SuggestedRemedy

The P802.3cx/D0.99 description is: This amendment includes changes to IEEE Std 802.3-2018 and adds Clause 155 and Clause 156. This amendment adds 400 Gb/s Physical Layer specifications and management parameters for operation over DWDM systems with reaches of at least 80 km.

Proposed Response Response Status **W**

PROPOSED ACCEPT.

CI **FM** SC **FM** P **12** L **3** # **145**

Grow, Robert RMG Consulting, KDPOF

Comment Type **E** Comment Status **D** EZ

The current draft does not have a self description.

SuggestedRemedy

Instead of a generic description indicate "P802.3cx/0.4 does not include a self description."

Proposed Response Response Status **W**

PROPOSED ACCEPT.

CI **FM** SC **FM** P **12** L **9** # **146**

Grow, Robert RMG Consulting, KDPOF

Comment Type **T** Comment Status **D** EZ

We need to add our own self description (projects that follow us can then include in their drafts).

SuggestedRemedy

This amendment includes changes to IEEE Std 802.3-20XX and adds Clause XXX (currently using 300). This amendment adds 2.5 Gb/s, 5 Gb/s, 10 Gb/s, 25 Gb/s and 50 Gb/s Physical Layer specifications and management parameters for optical automotive Ethernet.

Proposed Response Response Status **W**

PROPOSED ACCEPT.

CI **FM** SC **FM** P **13** L **26** # **147**

Grow, Robert RMG Consulting, KDPOF

Comment Type **E** Comment Status **D** EZ

The line wrap is messed up. I don't remember if this is a manual fix after table of contents generation or can be fixed to work automatically.

SuggestedRemedy

Fix tabs to be about 1/4 inch per level, that might eliminate the wrap problem, investigate if there is an automatic way to fix line wrap..

Proposed Response Response Status **W**

PROPOSED ACCEPT.

CI **FM** SC **FM** P **13** L **57** # **148**

Grow, Robert RMG Consulting, KDPOF

Comment Type **E** Comment Status **D** EZ

Something messed up the footer in this file of the book.

SuggestedRemedy

Fix FrameMaker TOC file footer centering.

Proposed Response Response Status **W**

PROPOSED ACCEPT.

Cl 1 SC 1.4 P 19 L 21 # 149

Grow, Robert RMG Consulting, KDPOF

Comment Type E Comment Status D EZ

The word "publication" is generally reserved for IEEE publication after approval. We will need to update numbering for our balloting. The latest timelines have us able to do this for WG ballot. A revision draft should be available 2 months prior to our projected WG ballot, but it probably won't include multiple amendments to 802.3-2018 in the initial revision draft (waiting for SASB approval before merging amendments into the revision).

SuggestedRemedy

Change note to: "Subclause, Table and Figure numbers will change in the next revision of IEEE Std 802.3. It is expected that P802.3cz numbering will be updated for WG ballot based on a future 802.3 revision draft." Similarly update other Editor's Notes that talk about draft publication.

Proposed Response Response Status W

PROPOSED ACCEPT.

Cl 30 SC 30.5.1.1.2 P 22 L 33 # 159

Grow, Robert RMG Consulting, KDPOF

Comment Type E Comment Status D EZ

"temporal"?

SuggestedRemedy

"Optical fiber" in the aMAUType definitions should be updated to reflect TBD specifications.

Proposed Response Response Status W

PROPOSED ACCEPT.

Cl 44 SC 44.1.1 P 24 L 11 # 160

Grow, Robert RMG Consulting, KDPOF

Comment Type E Comment Status D EZ

Tracking base text is difficult, and some reviewers will be checking for accuracy of base text. I've found it helpful to note the source of base text on change instructions (and sometimes on insert instructions). Because we will be citing revision drafts when available, we might even do this for now identifying IEEE Std 802.3-2018 base text or, for example "IEEE Std 802.3ch-2020" or "as last modified by P802.3xx/Dy.z" as we will want to indicate the source revision draft e.g., "P802.3/Dy.z" when we have one.

SuggestedRemedy

For example, this one would read: Change the first paragraph of 44.1.1 (IEEE Std 802.3ch-2020) as follows:

Proposed Response Response Status W

PROPOSED ACCEPT.

Cl 44 SC 44.1.4.4 P 26 L 21 # 164

Grow, Robert RMG Consulting, KDPOF

Comment Type E Comment Status D EZ

"conveniently"?

SuggestedRemedy

"This table will need to be modified to be consistent with PMA/PMD specifications TBD."

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE. Combine with comment #7 and delete PMA

Cl 45 SC Table 45-3 P 28 L 20 # 165

Grow, Robert RMG Consulting, KDPOF

Comment Type T Comment Status D EZ

Register 1.26 is defined by IEEE Std 802.3cn.

SuggestedRemedy

Remove the reserved row.

Proposed Response Response Status W

PROPOSED ACCEPT.

Cl 45 SC Table 45-3 P 28 L 32 # 166

Grow, Robert RMG Consulting, KDPOF

Comment Type T Comment Status D EZ

Register 1.1000 through 1.1002 are used by IEEE Std 802.3ca.

SuggestedRemedy

I suggest going to the 1.901-1.999 reserved block (1.900 is BASE-H, use IEEE Std 802.3ca for base text where reserved range is changed). I didn't find any other approved or active amendment projects in this register range and would recommend 1.901 for "MultiGBASE-AU PMA/PMD control". If the register changes, Footnote c (should be footnote d) to Table 45-7 also needs to be updated to point at the selected register. Also will need to change the subclause title at p. 29, l. 47, and change the register number in the Bit(s) column at p. 30, l. 5 and l. 7.

Proposed Response Response Status W

PROPOSED ACCEPT.

Cl 45 SC Table 45-7 P 29 L 7 # 167

Grow, Robert RMG Consulting, KDPOF

Comment Type T Comment Status D EZ

The reserved rows probably won't look like this in the revision. Most of the reserved values are defined by other amendments in progress. More importantly, the value (1011110) used here for AU types is also defined by P802.3ck/D1.4.

SuggestedRemedy

It is uncertain at this time if P802.3ck will be included in the revision, but .3ck started to use the value first, so we should change our value. There are a few reserved values still available below the values specified by P802.3cp (e.g., 100011x found in IEEE Std 802.3cd so will be in the revision draft), or we can use some of the reserved values above those used by P802.3cp (i.e., 1111001 or numerically greater).

Proposed Response Response Status W

PROPOSED ACCEPT.

Cl 45 SC Table 45-7 P 29 L 12 # 168

Grow, Robert RMG Consulting, KDPOF

Comment Type T Comment Status D EZ

In IEEE Std 802.3-2018, there is a footnote c for 1.900 BASE-H.

SuggestedRemedy

Footnote should be d (also on line 9).

Proposed Response Response Status W

PROPOSED ACCEPT.

Cl 45 SC 45.2.3 P 31 L 8 # 169

Grow, Robert RMG Consulting, KDPOF

Comment Type E Comment Status D EZ

The instruction does not agree with the table that only adds rows through 1.525, not 1.541. Also, we are trying to use "through" instead of "to" to remove the ambiguity of the second value being included in a range.

SuggestedRemedy

"new rows for registers 1.523 through 1.526

Proposed Response Response Status W

PROPOSED ACCEPT.

Cl 45 SC Table 45-176 P 31 L 30 # 170

Grow, Robert RMG Consulting, KDPOF

Comment Type E Comment Status D EZ

With the combined change and insert instruction, I think we should underline the inserted rows.

SuggestedRemedy

Underline the rows for 1.523 through 1.526

Proposed Response Response Status W

PROPOSED ACCEPT.

Cl 45 SC 45.5.3.7 P 40 L 36 # 172

Grow, Robert RMG Consulting, KDPOF

Comment Type E Comment Status D EZ

Value/Comment column does not include strikethrough of "1000'.

SuggestedRemedy

Strike through. Also p. 51, l. 8

Proposed Response Response Status W

PROPOSED ACCEPT.

Cl 105 SC Table 105-2 P 48 L 20 # 173

Grow, Robert RMG Consulting, KDPOF

Comment Type E Comment Status D EZ

"25 BASE-AU" is missing the "G".

SuggestedRemedy

25GBASE-AU ...

Proposed Response Response Status W

PROPOSED ACCEPT.

Cl 131 SC 131.2.2 P 67 L 45 # 174

Grow, Robert RMG Consulting, KDPOF

Comment Type E Comment Status D EZ

50GBASE-H PHYs?

SuggestedRemedy

50GBASE-AU

Proposed Response Response Status W

PROPOSED ACCEPT.

Cl 00 SC 0 P71 L5 # 175
 Grow, Robert RMG Consulting, KDPOF
 Comment Type E Comment Status D EZ
 Should add to the Editor's note something about 50GBASE-AU status.
 SuggestedRemedy
 50GBASE-AU is included in specifications, sometimes with assumptions about what will be adopted. All 50GBASE-AU specifications are TBD until baseline proposals are adopted by the TF.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 300 SC 300.1 P71 L32 # 177
 Grow, Robert RMG Consulting, KDPOF
 Comment Type E Comment Status D EZ
 Grammar
 SuggestedRemedy
 Replace "and" with "or". Also on line 37.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 300 SC 300.1.1 P71 L42 # 178
 Grow, Robert RMG Consulting, KDPOF
 Comment Type E Comment Status D EZ
 Oops, five PHY types are listed.
 SuggestedRemedy
 Change "four" to "five".
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 300 SC 300.1.2 P72 L18 # 179
 Grow, Robert RMG Consulting, KDPOF
 Comment Type E Comment Status D EZ
 Grammar
 SuggestedRemedy
 "The 50GBASE-AU PHY type.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 300 SC 300.1.4 P74 L8 # 182
 Grow, Robert RMG Consulting, KDPOF
 Comment Type E Comment Status D EZ
 Name errors, Clause 46 and Clause 106 do not use underscore.
 SuggestedRemedy
 Change TX_D and TS_C to TXD and TXC if the current text survives comment.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 300 SC 300.1.4 P74 L15 # 183
 Grow, Robert RMG Consulting, KDPOF
 Comment Type E Comment Status D EZ
 Delete "also included in the Transmit Block", it is redundant with the next sentence.
 SuggestedRemedy
 Per comment, unless text is replaced per other comments.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 300 SC 300.1.4 P74 L33 # 186
 Grow, Robert RMG Consulting, KDPOF
 Comment Type E Comment Status D EZ
 Grammar
 SuggestedRemedy
 Start sentence with "A".
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 300 SC 300.1.4 P 74 L 38 # 187
 Grow, Robert RMG Consulting, KDPOF
 Comment Type E Comment Status D EZ
 Bad hot link references.
 SuggestedRemedy
 PMA is 300.3, PMD is 300.6.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 300 SC 300.2.1 P 76 L 14 # 188
 Grow, Robert RMG Consulting, KDPOF
 Comment Type E Comment Status D EZ
 Typo
 SuggestedRemedy
 XMII -> XGMII (unless we decide to use xMII instead of a list).
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 300 SC 300.2.1 P 76 L 15 # 190
 Grow, Robert RMG Consulting, KDPOF
 Comment Type E Comment Status D EZ
 Fewer words often is better.
 SuggestedRemedy
 Delete "by".
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 300 SC 300.2.1 P 76 L 23 # 193
 Grow, Robert RMG Consulting, KDPOF
 Comment Type E Comment Status D EZ
 Awkward language: "and they conform". One incorrect interpretation (as I understand things) is: "...information bits. The 220 parity bits form an RS-FEC Codeword (CW)."
 SuggestedRemedy
 "The 80 PDBs, PHD block, and 220 parity bits form an RS-FEC Codeword (CW)."
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 300 SC 300.2.1 P 76 L 25 # 194
 Grow, Robert RMG Consulting, KDPOF
 Comment Type E Comment Status D EZ
 This paragraph mixes two topics.
 SuggestedRemedy
 Include the first sentence in the previous paragraph.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 300 SC 300.2.1 P 76 L 32 # 196
 Grow, Robert RMG Consulting, KDPOF
 Comment Type E Comment Status D EZ
 We (myself included) have a tendency to create too many proper names (capitalization). Try to avoid this tendency. Is is really necessary to capitalize PCS Transmit when it is typically followed by either "function" or "process" (without capitalization).
 SuggestedRemedy
 Transmit -> transmit, Receive -> receive in next sentence. A search will show that capitalization is not consistent throughout the draft.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 300 SC Figure 300-4 P 77 L 11 # 197
 Grow, Robert RMG Consulting, KDPOF
 Comment Type E Comment Status D EZ
 The labling on PDBs highlights a problem we created decades ago with keeping the name 8B/10B. IEEE style should have had us changing the name from the inventor 8B/10B to 8b/10b. (Capital B is byte an lower case b is bit.) We have consistently used a capital B in code names since, but hopefully do not use a captal B for bit anywhere else.
 SuggestedRemedy
 Change 65B to 65-bit (like is done for 20-bit).
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 300 SC 300.13 P 109 L 13 # 198
 Grow, Robert RMG Consulting, KDPOF
 Comment Type E Comment Status D EZ
 PICS should start on a new page.
 SuggestedRemedy
 Insert page break before PICS.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 45 SC 45.2.1.6 P 28 L 43 # 199
 Hayashi, Takehiro HAT Lab., Inc.
 Comment Type E Comment Status D EZ
 discrepancy of the bit between description and table45-7
 SuggestedRemedy
 Chose correct one either of 1.7.6:0 or 1.7.5:0
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE. Change the Bit(s) column content from 1.7.5:0 to 1.7.6:0.

CI 45 SC 45.2.1.21a P 28 L 50 # 200
 Hayashi, Takehiro HAT Lab., Inc.
 Comment Type E Comment Status D EZ
 table 45-103a is wrong reference.
 SuggestedRemedy
 45-24a
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 45 SC 45.2.3.50.4 P 33 L 4 # 209
 Hayashi, Takehiro HAT Lab., Inc.
 Comment Type E Comment Status D EZ
 bracket () is not necessary
 SuggestedRemedy
 Bit 3.500.12 when it accepts ... (simultaneously setting bit 3.500.15 to zero), acting as a one bit sequence number.
 ↓
 Bit 3.500.12 ... when it accepts ... , acting as a one bit sequence number, simultaneously bit 3.500.15 shall be set to zero.

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 45 SC 45.2.3.56a.3 P 35 L 16 # 223
 Hayashi, Takehiro HAT Lab., Inc.
 Comment Type E Comment Status D EZ
 add the table reference of "bit 3.524.1"
 SuggestedRemedy
 (bit 3.524.1 = 0, see table 45-226b)

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 45 SC 45.2.3.56a.4 P 35 L 25 # 224
 Hayashi, Takehiro HAT Lab., Inc.
 Comment Type E Comment Status D EZ
 add the table reference of "bit 3.524.0"
 SuggestedRemedy
 (bit 3.524.0 = 0, see table 45-226b)

Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 45 SC 45.2.3.5b P 36 L 12 # 225
 Hayashi, Takehiro HAT Lab., Inc.
 Comment Type E Comment Status D EZ
 Comparing to other names in the table, "local" may be added.
 SuggestedRemedy
 BASE-H OAM ability @ local BASE-H OAM ability
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 45 SC 45.2.3.5b P 36 L 14 # 226
 Hayashi, Takehiro HAT Lab., Inc.
 Comment Type E Comment Status D EZ
 Comparing to other names in the table, "local" may be added.
 SuggestedRemedy
 EEE ability @ local EEE ability
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 45 SC 45.2.3.5b P 36 L 17 # 227
 Hayashi, Takehiro HAT Lab., Inc.
 Comment Type E Comment Status D EZ
 "LH = Latching high" is not used in the table.
 SuggestedRemedy
 delete it from the foot note.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl ↓ SC ↓ P L # 229
 Hayashi, Takehiro HAT Lab., Inc.
 Comment Type E Comment Status X EZ
 SuggestedRemedy
 Proposed Response Response Status W
 Empty comment

Cl ↓ SC ↓ P L # 232
 Hayashi, Takehiro HAT Lab., Inc.
 Comment Type E Comment Status X EZ
 SuggestedRemedy
 Proposed Response Response Status W
 Empty comment

Cl 45 SC 45.5.3.7 P 40 L 32 # 243
 Hayashi, Takehiro HAT Lab., Inc.
 Comment Type E Comment Status D EZ
 "1" is just a number, an article is not used.
 SuggestedRemedy
 delete "a"
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 45 SC 45.5.3.7 P 40 L 32 # 244
 Hayashi, Takehiro HAT Lab., Inc.
 Comment Type E Comment Status D EZ
 "0" is just a number, an article is not used.
 SuggestedRemedy
 delete "a"
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 45 SC 45.5.3.7 P 40 L 36 # 245
 Hayashi, Takehiro HAT Lab., Inc.
 Comment Type E Comment Status D EZ
 1000BASE-H may typo
 SuggestedRemedy
 1000BASE-H @ BASE-H
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 45 SC 45.5.3.7 P 41 L 19 # 246
 Hayashi, Takehiro HAT Lab., Inc.
 Comment Type E Comment Status D EZ
 Table 45-226b is a wrong reference.
 SuggestedRemedy
 Table 45-226a
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 45 SC 45.5.3.7 P 41 L 27 # 247
 Hayashi, Takehiro HAT Lab., Inc.
 Comment Type E Comment Status D EZ
 "1" is just a number, an article is not used.
 SuggestedRemedy
 delete "a"
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 45 SC 45.5.3.7 P 41 L 30 # 248
 Hayashi, Takehiro HAT Lab., Inc.
 Comment Type E Comment Status D EZ
 "0" is just a number, an article is not used.
 SuggestedRemedy
 delete "a"
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 45 SC 45.5.3.7 P 41 L 38 # 249
 Hayashi, Takehiro HAT Lab., Inc.
 Comment Type E Comment Status D EZ
 "1" is just a number, an article is not used.
 SuggestedRemedy
 delete "a"
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 45 SC 45.5.3.7 P 41 L 41 # 250
 Hayashi, Takehiro HAT Lab., Inc.
 Comment Type E Comment Status D EZ
 "0" is just a number, an article is not used.
 SuggestedRemedy
 delete "a"
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 125 SC 125.1.4 P 64 L 23 # 297
 Hayashi, Takehiro HAT Lab., Inc.
 Comment Type T Comment Status D EZ
 2.5GBASE-AU "M" for 2.5GBASE-T1 is wrong
 SuggestedRemedy
 delete "M"
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 125 SC 125.1.4 P 64 L 29 # 298
 Hayashi, Takehiro HAT Lab., Inc.
 Comment Type T Comment Status D EZ
 5GBASE-AU "M" for 5GBASE-T1 is wrong
 SuggestedRemedy
 delete "M"
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 300 SC 300.1.4 P 73 L 48 # 305
 Hayashi, Takehiro HAT Lab., Inc.
 Comment Type T Comment Status D EZ
 position of PCS TX/RX and PMD TX/RX in the right side is wrong.
 SuggestedRemedy
 PMD TX/RX shall be left side of PMA and PCS TX/RX shall be right side of PMA.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 300 SC 300.2.3.3.1 P 81 L 24 # 309
Hayashi, Takehiro HAT Lab., Inc.
Comment Type E Comment Status D EZ
add the reference of "PHD reception monitor state diagram"
SuggestedRemedy
add (see 3.4.5)
Proposed Response Response Status W
PROPOSED ACCEPT.

Cl 300 SC 300.2.3.3.1 P 81 L 30 # 310
Hayashi, Takehiro HAT Lab., Inc.
Comment Type E Comment Status D EZ
use the ssame the reference
SuggestedRemedy
change 300.3.5 to 300.3.5.3
Proposed Response Response Status W
PROPOSED ACCEPT.

Cl 300 SC 300.1.1 P 71 L 42 # 350
Swanson, Steve Corning Inc
Comment Type E Comment Status D EZ
Rationale: there are 5 distinct PHY types.
SuggestedRemedy
Replace "...four distinct PHY types..." with "...five distinct PHY types..."
Proposed Response Response Status W
PROPOSED ACCEPT.

Cl 300 SC 300.1.4 P 73 L 42 # 351
Swanson, Steve Corning Inc
Comment Type E Comment Status D EZ
SuggestedRemedy
Delete "...concrete..."
Proposed Response Response Status W
PROPOSED ACCEPT.