Cl **FM**   *SC*   *P* **1**   *L* **18**   # 120
Maguire, Valerie   Siemon

Comment Type **E**   *Comment Status* **D**
   Extraneous "." at the end of the amendment title

SuggestedRemedy
   Delete extraneous "."

Proposed Response   *Response Status* **W**
   PROPOSED ACCEPT.

Cl **FM**   *SC*   *P* **4**   *L* **10**   # 132
Smith, Daniel   Seagate

Comment Type **ER**   *Comment Status* **D**
   spelling of the word arabic

SuggestedRemedy
   Arabic not arabic

Proposed Response   *Response Status* **W**
   PROPOSED ACCEPT.

Cl **FM**   *SC* **FM**   *P* **8**   *L* **16**   # 72
Gardner, Andrew   Linear Technology

Comment Type **E**   *Comment Status* **D**
   Name for Task Force Editor-in-Chief is "FirstName SecondName."

SuggestedRemedy
   Insert correct name for Task Force Editor-in-Chief

Proposed Response   *Response Status* **W**
   PROPOSED ACCEPT.
   [Editor's note: Daniel F. Smith added as editor in chief]

Cl **00**   *SC*   *P* **101**   *L* **42**   # 115
Bains, Amrik   Cisco Systems

Comment Type **ER**   *Comment Status* **D**
   1000BASE-KX shpuld be changes to 2.5GBAS-KXE

   "The 1000BASE-KX PHY receiver should put unused functional blocks into a low power
   state to save energy."

SuggestedRemedy
   1000BASE-KX shpuld be changes to 2.5GBAS-KXE

   "The 1000BASE-KX PHY receiver should put unused functional blocks into a low power
   state to save energy."

Proposed Response   *Response Status* **W**
   PROPOSED ACCEPT.

Cl **00**   *SC* **0**   *P* **0**   *L* **0**   # 124
Slavick, Jeff   Broadcom Limited

Comment Type **ER**   *Comment Status* **D**
   802.3by is an offiical standard

SuggestedRemedy
   Change all the 802.3by-201x to 8023by-2016

Proposed Response   *Response Status* **W**
   PROPOSED ACCEPT.

Cl **00**   *SC* **0**   *P* **3**   *L* **1**   # 158
Grow, Robert   RMG Consulting

Comment Type **E**   *Comment Status* **D**
   Incomplete first sentence.

SuggestedRemedy
   Delete the full stop and words: This amendment

Proposed Response   *Response Status* **W**
   PROPOSED ACCEPT.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general   *Cl* **00**   Page 1 of 34
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn   *SC* **0**   9/14/2016 8:48:16 AM
SORT ORDER: Clause, Subclause, page, line

Cl **00**　　*SC* **0**　　　　*P* **10**　　*L* **3**　　　# 161

Grow, Robert　　　　　　　　　RMG Consulting

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

This box is published as part of the standard, so the self reference should be to the undated year of the standard.

SuggestedRemedy

Change P802.3cb to IEEE Std 802.3cb-20xx.

Proposed Response　　*Response Status* **W**

PROPOSED ACCEPT.

Cl **00**　　*SC* **0**　　　　*P* **10**　　*L* **26**　　　# 153

Grow, Robert　　　　　　　　　RMG Consulting

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

Draft uses both 201x and 20xx for yet to be approved standards and other year dates. While this project is unlikely to be subject to the uncertainty of the next decade, other projects getting started now face that possible uncertainty.

SuggestedRemedy

Use one form to simplify search by publication editor. I recommend 20xx as is used in IEEE boilerplate.

Proposed Response　　*Response Status* **W**

PROPOSED ACCEPT.

Cl **00**　　*SC* **0**　　　　*P* **26**　　*L* **35**　　　# 33

Anslow, Pete　　　　　　　　　Ciena

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

Cross references to other parts of the 802.3 standard are not prefaced by "Clause", "subclause" or "Annex" unless they are to the first level heading.
Cross references to items in the P802.3cb draft should be live hyperlinks.
Cross references to other parts of the 802.3 standard that are not in the P802.3cb draft should be text with the character tag "External" applied.

SuggestedRemedy

Scrub the entire draft according to the principles outlined in the comment.
This means making at least the following changes:
Page 26 line 35, "Clause 127.2.4.1" should be "127.2.4.1" (Xref format "Section")
Page 34 line 7, "70.6.4" should be text with the character tag "External" applied
Page 34 line 37, "45.2.3.1" should be a hyperlink
Page 34 lines 38 to 41, "49.2", 55.3.6.3", "113.3.7.3", and "126.3.7.3" should all be text with the character tag "External" applied
Page 53 lines 17, 18, and 19 "Clause 49", "Clause 49", and "Clause 82" should all be text with the character tag "External" applied
Page 57 line 10, "128A" and "130A" should be hyperlinks
Page 63 line 24 "Clause 36" should be text with the character tag "External" applied
Page 63 line 45, "clause 35" should be "Clause 35" and text with the character tag "External" applied
Page 66 line 28, "Clause 127.2.4.2" should be "127.2.4.2"
Page 69 line 30, "Clause 127.2.4.2" should be "127.2.4.2"
Page 78 line 14, "Clause 127.2.4.2" should be "127.2.4.2"
Page 125 line 20, "Clause 51.2" should be "51.2"
Page 125 line 47, "Clause 51.8" should be "51.8"
Page 126 line 14, "51.9" should be text with the character tag "External" applied
Page 128 line 11 "Clause 49" should be text with the character tag "External" applied
Page 135 line 48 "subclause 130.6.5" should be "130.6.5" and a cross-reference
Page 136 lines 21, 32 to 35, and 53, "Annex 31B", "Clause 45", "Table 130-2", "Table 130-3", and "Figure 130-1" should all be cross-references
Page 137 line 42, "Clause 78" should be a cross-reference
Page 140 lines 5, 22, and 23, "Table 130-4", "Equation (130-4)", and "Equation (130-5)" should all be cross-references
Page 143 lines 29, and 30, "Equation (130-5)", and "Equation (130-6)" should both be cross-references
Page 147 line 47, "130.7.2.1" should be a cross-reference
Page 149 lines 2 and 36, "Clause 130" should be a cross-reference in both places
Page 149 line 44, "Clause 21" should be text with the character tag "External" applied
Page 171 line 50, "92.8.3.7" should be text with the character tag "External" applied
Page 223 line 14, "Annex 128C.4.2" should be "128C.4.2"

Proposed Response　　*Response Status* **W**

PROPOSED ACCEPT.

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

Cl **00**
SC **0**

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9/14/2016 8:48:18 AM

Cl **1**　　　*SC* **1.4**　　　　　*P* **26**　　　*L* **40**　　　# 211
Lusted, Kent　　　　　　　　　　　Intel

Comment Type **TR**　　　*Comment Status* **D**
the definition for 5GBASE-R incorrectly references 10GBASE-R.

SuggestedRemedy
Consider changing "10GBASE-R" to "5GBASE-R" in 1.4.74a4

Proposed Response　　　*Response Status* **W**
PROPOSED ACCEPT.

Cl **1**　　　*SC* **1.4**　　　　　*P* **26**　　　*L* **53**　　　# 276
Donahue, Curtis　　　　　　　　　UNH-IOL

Comment Type **E**　　　*Comment Status* **D**
"...Clause 49 or Clause 82, Clause 107, or Clause 129."

SuggestedRemedy
Remove the first "or" and add a "," so the sentence reads "...Clause 49, Clause 82, Clause 107, or Clause 129."

Proposed Response　　　*Response Status* **W**
PROPOSED ACCEPT.

Cl **1**　　　*SC* **1.4.74a6**　　　*P* **26**　　　*L* **46**　　　# 167
Grow, Robert　　　　　　　　　　RMG Consulting

Comment Type **E**　　　*Comment Status* **D**
5GSEI should follow 5GBASE-T inserted by IEEE Std 802.3bz-20xx.

SuggestedRemedy
Add editing instruction referencing IEEE Std 802.3bz-20xx and renumber 5GSEI to 1.4.74c.

Proposed Response　　　*Response Status* **W**
PROPOSED ACCEPT.

Cl **1**　　　*SC* **1.4.74aa**　　　*P* **26**　　　*L* **21**　　　# 32
Anslow, Pete　　　　　　　　　　Ciena

Comment Type **E**　　　*Comment Status* **D**
The first two editing instructions in 1.4 do not conform to the usual style.
There is no need to say "in alphanumerical order" as the position is explicit.
There is no need to say "and renumber" as re-numbering is not required for the amendment.
The list of definitions is incorrect.
"5GSEI" should be after "5GBASE-T".

SuggestedRemedy
Change the first editing instruction to: "Insert the new definition for 2.5GBASE-KX, before 1.4.74a 2.5GBASE-T (as inserted by IEEE Std 802.3bz-201x) as follows:"
Change the second editing instruction to: "Insert the five new definitions for 2.5GBASE-X, 2.5GPII, 2.5GSEI, 5GBASE-KR, and 5GBASE-R, after 1.4.74a 2.5GBASE-T (as inserted by IEEE Std 802.3bz-201x) as follows:"
Add a new editing instruction before the definition for "5GSEI": "Insert the new definition for 5GSEI after 1.4.74b 5GBASE-T (as inserted by IEEE Std 802.3bz-201x) as follows:"
Re-number "5GSEI" to be 1.4.74c

Proposed Response　　　*Response Status* **W**
PROPOSED ACCEPT.

Cl **1**　　　*SC* **1.4.74aa**　　　*P* **26**　　　*L* **25**　　　# 14
Hajduczenia, Marek　　　　　　　Charter Communicatio

Comment Type **E**　　　*Comment Status* **D**
"IEEE Std 802.3bs™-201x" is not marked as Amendment 8

SuggestedRemedy
Add "Amendment 8—" ahead of "This amendment includes changes to IEEE Std 802.3-2015 and adds Clause 116 through Clause 124" statement

Proposed Response　　　*Response Status* **W**
PROPOSED ACCEPT.

Cl **1**　　　*SC* **1.5**　　　　　*P* **27**　　　*L* **6**　　　# 243
Baden, Eric　　　　　　　　　　　Broadcom Limited

Comment Type **ER**　　　*Comment Status* **D**
2.5GSEI line is missing period (".") at the end of sentence.   Also 5GSEI

SuggestedRemedy
Fix them

Proposed Response　　　*Response Status* **W**
PROPOSED ACCEPT.

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

Cl **1**　　Page 3 of 34
SC **1.5**　　9/14/2016 8:48:18 AM

Cl **30**   *SC* **30.3.2.1.2**   *P* **29**   *L* **19**   # 34
Anslow, Pete   Ciena

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

The editing instructions in 30.3.2.1.2 and 30.3.2.1.3 need to state that the 2.5GBASE-T or 5GBASE-T entries were inserted by IEEE Std 802.3bz.
Also, incorrect subclause number in the second editing instruction in 30.3.2.1.3

SuggestedRemedy

Change the editing instructions in 30.3.2.1.2 to:
"Insert the following new entry in "APPROPRIATE SYNTAX" in 30.3.2.1.2 after the entry for 2.5GBASE-T (as inserted by IEEE Std 802.3bz-201x)".
"Insert the following new entry in "APPROPRIATE SYNTAX" in 30.3.2.1.2 after the entry for 5GBASE-T (as inserted by IEEE Std 802.3bz-201x)".
Change the editing instructions in 30.3.2.1.3 to:
"Insert the following new entry in "APPROPRIATE SYNTAX" in 30.3.2.1.3 after the entry for 2.5GBASE-T (as inserted by IEEE Std 802.3bz-201x)".
"Insert the following new entry in "APPROPRIATE SYNTAX" in 30.3.2.1.3 after the entry for 5GBASE-T (as inserted by IEEE Std 802.3bz-201x)".

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT.

Cl **30**   *SC* **30.5.1.1.2**   *P* **30**   *L* **10**   # 35
Anslow, Pete   Ciena

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

The entry for 2.5GBASE-T was not modified by .3bz, it was inserted by .3bz.
The 5G entries should be placed below "5GBASE-T"

SuggestedRemedy

In the two editing instructions, change "as modified by" to "as inserted by".
In the second editing instruction, change "2.5GBASE-T" to "5GBASE-T"

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT.

Cl **30**   *SC* **30.6.1.1.5**   *P* **30**   *L* **38**   # 2
Laubach, Mark   Broadcom Limited

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

Editing instruction: suggest changing "in after" to "after".
Same for line 45

SuggestedRemedy

As per comment.

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT.

Cl **30**   *SC* **30.6.1.1.5**   *P* **30**   *L* **38**   # 36
Anslow, Pete   Ciena

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

The entries for 2.5GBASE-T and 5GBASE-T were not modified by .3bz, they were inserted by .3bz.
"in after the entry" doesn't make sense.

SuggestedRemedy

In the two editing instructions:
change "in after the" to "after the".
change "as modified by" to "as inserted by".

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT.

Cl **31B**   *SC* **31B.3.7**   *P* **155**   *L* **35**   # 60
Anslow, Pete   Ciena

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

Editing instructions need improvement

SuggestedRemedy

Change the first editing instruction to: "Change the fifth and sixth paragraphs of 31B.3.7 (as inserted by IEEE Std 802.3bz-201x) as follows:"
Change the second editing instruction to: "Insert a new paragraph in 31B.3.7 immediately after the paragraph starting "2.5 Gb/s (using 2.5GBASE-T) " (as inserted by IEEE Std 802.3bz-201x) as follows:"
Change the third editing instruction to: "Insert a new paragraph in 31B.3.7 immediately after the paragraph starting "5 Gb/s (using 5GBASE-T) " (as inserted by IEEE Std 802.3bz-201x) as follows:"
Remove the underline from "5 Gb/s (not using 5GBASE-T) - max_overrun = 768+ frame_length" since the insert editing instruction does not use underline.

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general   *Cl* **31B**   Page 4 of 34
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn   *SC* **31B.3.7**   9/14/2016 8:48:18 AM
SORT ORDER: Clause, Subclause, page, line

Cl **31B**   *SC* **31B.4.3**   *P* **156**   *L* **7**   # 61
Anslow, Pete   Ciena

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

Inserting the two new rows as items *MIIcc and *MIIcd will result in the table no longer being in speed order as it is currently and also not showing the BASE-T variants after the others as currently.
Similarly for 31B.4.6

SuggestedRemedy

Change editing instruction in 31B.4.3 to: "Insert a new row for *MIIcaa before the row for *MIIca (as inserted by IEEE Std 802.3bz-201x) and a new row for *MIIca1 before the row for *MIIcb (as inserted by IEEE Std 802.3bz-201x) in the table in 31B.4.3 as follows (unchanged rows not shown):"
Renumber items accordingly.
Change editing instruction in 31B.4.6 to: "Insert a new row for TIM4aa before the row for TIM4a (as inserted by IEEE Std 802.3bz-201x) and a new row for TIM4a1 before the row for TIM4b (as inserted by IEEE Std 802.3bz-201x) in the table in 31B.4.6 as follows (unchanged rows not shown):"
Renumber items accordingly.

Proposed Response   *Response Status*   **W**
PROPOSED ACCEPT.

Cl **31B**   *SC* **31B.4.3**   *P* **156**   *L* **13**   # 62
Anslow, Pete   Ciena

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

Item TIM4c has "with PHY type other than 2.5GBASE-T" but item *MIIcc has "with PHY types of 2.5GBASE-KX".
These should be consistent with each other. The former seems preferable as a list of all other PHY types may become lengthy.

SuggestedRemedy

Change *MIIcc to "At operating speeds of 2.5 Gb/s with PHY types other than 2.5GBASE-T"
Change *MIIcd to "At operating speeds of 5 Gb/s with PHY types other than 5GBASE-T"

Proposed Response   *Response Status*   **W**
PROPOSED ACCEPT.

Cl **31B**   *SC* **31B.4.6**   *P* **156**   *L* **28**   # 325
Donahue, Curtis   UNH-IOL

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

Rows are missing divider.

SuggestedRemedy

Add divider between rows.

Proposed Response   *Response Status*   **W**
PROPOSED ACCEPT.

Cl **45**   *SC* **45.2.1**   *P* **31**   *L* **16**   # 37
Anslow, Pete   Ciena

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

There are two register name changes

SuggestedRemedy

In the editing instruction change: "name of the register" to "names of the registers"

Proposed Response   *Response Status*   **W**
PROPOSED ACCEPT.

Cl **45**   *SC* **45.2.1.1.5**   *P* **31**   *L* **31**   # 38
Anslow, Pete   Ciena

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

Editing instructions should be specific as to the location of the modification and should not try to capture the change in the text.

SuggestedRemedy

Change the editing instruction to: "Change the second sentence of 45.2.1.1.5 as follows:"

Proposed Response   *Response Status*   **W**
PROPOSED ACCEPT.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general   *Cl* **45**   Page 5 of 34
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn   *SC* **45.2.1.1.5**   9/14/2016 8:48:18 AM
SORT ORDER: Clause, Subclause, page, line

Cl **45**   *SC* **45.2.1.6**   *P* **31**   *L* **48**   # 39
Anslow, Pete   Ciena

Comment Type   **T**   *Comment Status*   **D**
Most other entries in this table end "PMA/PMD", e.g. "10GBASE-KR PMA/PMD"

SuggestedRemedy
Change "5GBASE-KR" to "5GBASE-KR PMA/PMD"
Change "2.5GBASE-KX" to "2.5GBASE-KX PMA/PMD"

Proposed Response   *Response Status*   **W**
PROPOSED ACCEPT.

Cl **45**   *SC* **45.2.1.7.4**   *P* **32**   *L* **6**   # 40
Anslow, Pete   Ciena

Comment Type   **E**   *Comment Status*   **D**
Reference to 802.3bz is garbled in 45.2.1.7.4, 45.2.1.7.5, and 45.2.1.8

SuggestedRemedy
In the editing instructions in 45.2.1.7.4, 45.2.1.7.5, and 45.2.1.8 change:
"IEEE802.3-201x Std 802.3bz" to:
"IEEE Std 802.3bz-201x"

Proposed Response   *Response Status*   **W**
PROPOSED ACCEPT.

Cl **45**   *SC* **45.2.1.14c**   *P* **32**   *L* **50**   # 41
Anslow, Pete   Ciena

Comment Type   **E**   *Comment Status*   **D**
The editing instruction needs to state where Table 45-17c can be found.
Given the underlining of the new rows in the table (which are only appropriate for a
"change" editing instruction) it is simplest to make the editing instruction a simple "change".

SuggestedRemedy
Change the editing instruction to: "Change the row for 1.21.15:2 in Table 45-17c (as
inserted by IEEE Std 802.3bz-201x) as follows (unchanged rows not shown):

Proposed Response   *Response Status*   **W**
PROPOSED ACCEPT.

Cl **45**   *SC* **45.2.1.14c.a**   *P* **33**   *L* **12**   # 42
Anslow, Pete   Ciena

Comment Type   **E**   *Comment Status*   **D**
"Std" and a space missing in the editing instruction.

SuggestedRemedy
change "by IEEE 802.3bz-201x)as" to "by IEEE Std 802.3bz-201x) as"

Proposed Response   *Response Status*   **W**
PROPOSED ACCEPT.

Cl **45**   *SC* **45.2.1.88**   *P* **33**   *L* **32**   # 43
Anslow, Pete   Ciena

Comment Type   **E**   *Comment Status*   **D**
"." missing from the end of the sentence.

SuggestedRemedy
Add "."

Proposed Response   *Response Status*   **W**
PROPOSED ACCEPT.

Cl **45**   *SC* **45.2.3.7.a**   *P* **35**   *L* **49**   # 244
Baden, Eric   Broadcom Limited

Comment Type   **E**   *Comment Status*   **D**
Two issues -- first issue: formatting - 45.2.3.7a refers to Table 45-124a, but Table 45-123 is
placed between the edit instruction and the referred table.

SuggestedRemedy
1) move Table 45-123 before 45.2.3.7a

Proposed Response   *Response Status*   **W**
PROPOSED ACCEPT.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general   *Cl* **45**   Page 6 of 34
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn   *SC* **45.2.3.7.a**   9/14/2016 8:48:18 AM
SORT ORDER: Clause, Subclause, page, line

Cl **45**   *SC* **45.2.3.7.a**   *P* **36**   *L* **23**   # 245
Baden, Eric   Broadcom Limited

Comment Type   **E**   *Comment Status* **D**
   Second issue: Edit instruction says "insert" but the Table 45-124a shows five rows, four
   without any revision marks. BTW revision marks are not allowed for "insert" instruction.

SuggestedRemedy
   Change the edit instruction to "modify", and note inserted lines 3.9.3 and 3.9.2.

Proposed Response   *Response Status* **W**
   PROPOSED ACCEPT.

Cl **45**   *SC* **45.2.3.7a**   *P* **35**   *L* **15**   # 15
Hajduczenia, Marek   Charter Communicatio

Comment Type   **E**   *Comment Status* **D**
   Rows in Table 45–124a modified (added) by this project are not marked in underline

SuggestedRemedy
   Mark rows for bits 3.9.3 and 3.9.2

Proposed Response   *Response Status* **W**
   PROPOSED ACCEPT.

Cl **45**   *SC* **45.2.3.7a**   *P* **35**   *L* **21**   # 202
Lusted, Kent   Intel

Comment Type   **ER**   *Comment Status* **D**
   table 45-125a entries for bits 3.21.8 and 3.21.7 are not underlined (per IEEE style guide) to
   indicate insertions per editing instructions

SuggestedRemedy
   Underline as necessary

Proposed Response   *Response Status* **W**
   PROPOSED ACCEPT.

Cl **45**   *SC* **45.2.3.7a**   *P* **35**   *L* **21**   # 213
Lusted, Kent   Intel

Comment Type   **ER**   *Comment Status* **D**
   table 45-124a entries for bits 3.9.2 and 3.9.3 are not underlined (per IEEE style guide) to
   indicate insertions per editing instructions

SuggestedRemedy
   Underline as necessary

Proposed Response   *Response Status* **W**
   PROPOSED ACCEPT.

Cl **45**   *SC* **45.2.3.7a.a**   *P* **35**   *L* **34**   # 44
Anslow, Pete   Ciena

Comment Type   **E**   *Comment Status* **D**
   There is no editing instruction for 45.2.3.7a.a or 45.2.3.7a.b.
   For the moment, assume that P802.3bs is ahead of P802.3cb as per the editing instruction
   on page 34, line 52. If P802.3cb moves ahead of P802.3bs, this will need to change.

SuggestedRemedy
   Add the editing instruction: "Insert 45.2.3.7a.a and 45.2.3.7a.b before 45.2.3.7a.1 (as
   inserted by IEEE Std 802.3bs-201x) as follows:"

Proposed Response   *Response Status* **W**
   PROPOSED ACCEPT.

Cl **45**   *SC* **45.2.3.9a**   *P* **36**   *L* **7**   # 17
Hajduczenia, Marek   Charter Communicatio

Comment Type   **E**   *Comment Status* **D**
   Rows in Table 45–125a modified (added) by this project are not marked in underline

SuggestedRemedy
   Mark rows for bits 3.21.8, 3.21.7, and 3.21.6:3 - they are being added

Proposed Response   *Response Status* **W**
   PROPOSED ACCEPT.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general   *Cl* **45**   Page 7 of 34
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn   *SC* **45.2.3.9a**   9/14/2016 8:48:18 AM
SORT ORDER: Clause, Subclause, page, line

Cl **45**　　*SC* **45.2.3.14.3**　　*P* **37**　　*L* **43**　　# 18
Hajduczenia, Marek　　　　　　　Charter Communicatio

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

Please make sure that "/" is not used for hyphenation

SuggestedRemedy

Alternatively, place a forced line break ahead of: "5/10/25/40/100GBASE-R" to make sure that designators are not broken across lines

Proposed Response　　*Response Status* **W**

PROPOSED ACCEPT.

Cl **45**　　*SC* **45.2.7.2.1**　　*P* **38**　　*L* **28**　　# 46
Anslow, Pete　　　　　　　Ciena

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

"more than one of 1000BASE-KX, or 2.5GBASE-KX, or 10GBASE-KX4 PMAs" doesn't need two "or"s

SuggestedRemedy

Remove the first of the two "or"s

Proposed Response　　*Response Status* **W**

PROPOSED ACCEPT.

Cl **45**　　*SC* **45.2.7.12**　　*P* **38**　　*L* **38**　　# 19
Hajduczenia, Marek　　　　　　　Charter Communicatio

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

Rows in Table 45–209 modified (added) by this project are not marked in underline

SuggestedRemedy

Mark rows for bits 7.48.15 and 7.48.14
Similar changed in Table 45–211aa and Table 45–211ab

Proposed Response　　*Response Status* **W**

PROPOSED ACCEPT.

Cl **45**　　*SC* **45.2.7.14aa**　　*P* **39**　　*L* **25**　　# 326
Donahue, Curtis　　　　　　　UNH-IOL

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

In the description column of the third row in Table 45-211aa, "2.5GBASE-KR". This should be "2.5GBASE-KX".

SuggestedRemedy

Change to "2.5GBASE-KX".

Proposed Response　　*Response Status* **W**

PROPOSED ACCEPT.

Cl **45**　　*SC* **45.5.3.1**　　*P* **41**　　*L* **28**　　# 327
Donahue, Curtis　　　　　　　UNH-IOL

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

In the status column, one of the values is "5GKX:M". This should be "5GKR:M".

SuggestedRemedy

Change to "5GKR:M".

Proposed Response　　*Response Status* **W**

PROPOSED ACCEPT.

Cl **45**　　*SC* **45.5.3.1**　　*P* **41**　　*L* **28**　　# 48
Anslow, Pete　　　　　　　Ciena

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

In item MM124, Status "2.5GKX:M 5GKX:M KX:M KX4:M KR:M", "5GKX:M" should be "5GKR:M"

SuggestedRemedy

Change "5GKX:M" to "5GKR:M"

Proposed Response　　*Response Status* **W**

PROPOSED ACCEPT.

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

Cl **45**
SC **45.5.3.1**

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9/14/2016 8:48:18 AM

Cl **45** *SC* **45.5.3.6**   *P* **41**   *L* **35**   # 49
Anslow, Pete   Ciena

Comment Type **E**   *Comment Status* **D**
 There are no editing instruction for items "*2.5GX" or "*5GR"

SuggestedRemedy
 Add an editing instruction for items "*2.5GX" and "*5GR"

Proposed Response   *Response Status* **W**
 PROPOSED ACCEPT.
 [Editor's note: add "Change the following PCS row by adding 2.5GX and 5GX as shown
 below (unchanged rows not shown):"

Cl **69** *SC* **69.1.1**   *P* **43**   *L* **16**   # 328
Donahue, Curtis   UNH-IOL

Comment Type **E**   *Comment Status* **D**
 "...1000 Mb/s, 2.5Gb/s, 5 Gb/s, 10 Gb/s,..." There should be a space in "2.5Gb/s".

SuggestedRemedy
 Change to "2.5 Gb/s".

Proposed Response   *Response Status* **W**
 PROPOSED ACCEPT.

Cl **69** *SC* **69.1.1**   *P* **43**   *L* **16**   # 50
Anslow, Pete   Ciena

Comment Type **E**   *Comment Status* **D**
 Space missing in "2.5Gb/s" and comma missing in base text after "25 Gb/s" on line 17

SuggestedRemedy
 change to "2.5 Gb/s" and add comma after "25 Gb/s" on line 17

Proposed Response   *Response Status* **W**
 PROPOSED ACCEPT.

Cl **73** *SC* **73.2**   *P* **47**   *L* **33**   # 329
Donahue, Curtis   UNH-IOL

Comment Type **E**   *Comment Status* **D**
 In Figure 73-1, just under the MEDIUM symbol it says "1 Gb/s, 2.5Gb/s, 5Gb/s, 10 Gb/s,
 25Gb/s, 40 Gb/s or 100 Gb/s". Should read "1 Gb/s, 2.5 Gb/s, 5 Gb/s, 10 Gb/s, 25 Gb/s,
 40 Gb/s or 100 Gb/s".

SuggestedRemedy
 Add spaces so it reads "1 Gb/s, 2.5 Gb/s, 5 Gb/s, 10 Gb/s, 25 Gb/s, 40 Gb/s or 100 Gb/s".

 Note: The "25Gb/s" was added to this diagram by P802.3by but in that draft it is properly
 inserted as "25 Gb/s".

Proposed Response   *Response Status* **W**
 PROPOSED ACCEPT.

Cl **73** *SC* **73.3**   *P* **47**   *L* **46**   # 215
Marris, Arthur   Cadence Design Syst

Comment Type **E**   *Comment Status* **D**
 Editorial instruction should be change rather than insert

SuggestedRemedy
 Add text "Change third paragreaph as follows" or something similar.

 Also fix in 73.6.4 and 73.7.4.1

Proposed Response   *Response Status* **W**
 PROPOSED ACCEPT.

Cl **73** *SC* **73.3**   *P* **47**   *L* **46**   # 51
Anslow, Pete   Ciena

Comment Type **E**   *Comment Status* **D**
 Since underline is used to show the changes, this has to be a "change" editing instruction.
 Same issue for the second editing instruction in 73.6.4.
 IEEE Std 802.3by-2016 is now published.
 In the last editing instruction for 73.6.4, "paragraphs" should be "paragraph"

SuggestedRemedy
 Change the editing instruction for 73.3 to: "Change the third paragraph of 73.3 (as modified
 by IEEE Std 802.3by-2016) as follows:"
 Change the second editing instruction for 73.6.4 to: "Change the third paragraph of 73.6.4
 (as modified by IEEE Std 802.3by-2016) as follows:"
 In the last editing instruction for 73.6.4, change "paragraphs" to "paragraph"

Proposed Response   *Response Status* **W**
 PROPOSED ACCEPT.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general   *Cl* **73**   Page 9 of 34
COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn *SC* **73.3**   9/14/2016 8:48:18 AM
SORT ORDER: Clause, Subclause, page, line

Cl **73**　　　*SC* **73.7.4.1**　　　　　*P* **49**　　　　*L* **52**　　　　# 52

Anslow, Pete　　　　　　　　　　　Ciena

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

Since underline is used to show the changes, this has to be a "change" editing instruction.

SuggestedRemedy

Change the editing instruction to: "Change 73.7.4.1 as follows:"

Proposed Response　　　*Response Status*　**W**

PROPOSED ACCEPT.

Cl **78**　　　*SC* **78.1.1**　　　　　*P* **53**　　　　*L* **18**　　　　# 125

Slavick, Jeff　　　　　　　　　　　Broadcom Limited

Comment Type　**TR**　　　*Comment Status*　**D**

The change from "these" to a list of Clauses didn't keep the entire list.

SuggestedRemedy

Add Clause 107 to the list of Clauses can generate RX_LPI_ACTIVE

Proposed Response　　　*Response Status*　**W**

PROPOSED ACCEPT.

Cl **78**　　　*SC* **78.1.1**　　　　　*P* **53**　　　　*L* **19**　　　　# 54

Anslow, Pete　　　　　　　　　　　Ciena

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

The base text says "Additionally these PCS types generate the RX_LPI_ACTIVE signal …"
Where "these PCS types" are the Clause 49 PCS, Clause 107 PCS, and Clause 82 PCS.
Now the text has been changed to make the types specific, the Clause 107 PCS is missing from the list.

SuggestedRemedy

Add the Clause 107 PCS to the list.

Proposed Response　　　*Response Status*　**W**

PROPOSED ACCEPT.

Cl **125**　　　*SC* **125**　　　　　*P* **55**　　　　*L* **8**　　　　# 55

Anslow, Pete　　　　　　　　　　　Ciena

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

Clause 125 is not in IEEE Std 802.3-2015, so the reader needs some help to find it in the 9 amendments that precede 802.3cb.
However, there are 9 editing instructions in Clause 125 and it is cumbersome to add "(as inserted by IEEE Std 802.3by-2016)" to all of them.
This problem was encountered by the IEEE Std 802.3bm-2015 amendment of Clause 91 and the solution adopted during publication was to add: "Note that Clause 91 was introduced by IEEE Std 802.3bj-2014." before the first heading for Clause 91.

SuggestedRemedy

Add "Note that Clause 125 was introduced by IEEE Std 802.3bz-201x." above the Clause 125 heading.

Proposed Response　　　*Response Status*　**W**

PROPOSED ACCEPT.

Cl **125**　　　*SC* **125.1.4**　　　　*P* **57**　　　　*L* **23**　　　　# 117

D'Ambrosia, John　　　　　　　　　Futurewei, Subsidiary

Comment Type　**TR**　　　*Comment Status*　**D**

Table 125-2 notes that autonegotiation is optional for 2.5GBASE-KX, however, in 73.3 it is stated that AN shall interact with PHYs. No note was found indicating that AN is optional to implement, but shall be implemented per Clause 73 if implemented.

SuggestedRemedy

Change entry in table for Row 2.5GBASE-KX to indicate that Clause 73 FEC is M

Proposed Response　　　*Response Status*　**W**

PROPOSED ACCEPT.

Cl **125**　　　*SC* **125.2.2**　　　　*P* **57**　　　　*L* **33**　　　　# 56

Anslow, Pete　　　　　　　　　　　Ciena

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

The editing instructions in 125.2.2 and 125.2.3 do not conform to the usual style.

SuggestedRemedy

Change the editing instruction for 125.2.2 to: "Insert the following paragraph at the end of 125.2.2:"
Change the editing instruction for 125.2.3 to: "Insert the following paragraph at the end of 125.2.3:"

Proposed Response　　　*Response Status*　**W**

PROPOSED ACCEPT.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general　　　　*Cl* **125**　　　Page 10 of 34
COMMENT STATUS: D/dispatched A/accepted R/rejected　　　RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn　　*SC* **125.2.2**　　　9/14/2016 8:48:18 AM
SORT ORDER: Clause, Subclause, page, line

Cl **125**   *SC* **125.3**   *P* **58**   *L* **10**   # 57

Anslow, Pete   Ciena

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

The editing instruction does not match the changes made to the table (and it should not try to describe the changes in detail).

SuggestedRemedy

Change to "Change Table 125-3 as follows:"

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.

Cl **127**   *SC* **127**   *P* **59**   *L* **1**   # 58

Anslow, Pete   Ciena

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

There is no editing instruction for Clauses 127 to 130

SuggestedRemedy

Add a new editing instruction above the heading foe Clause 127: "Insert new Clauses 127 to 130 and corresponding new Annexes 127A to 130B as follows:"

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.

Cl **127**   *SC* **127.1.1**   *P* **59**   *L* **10**   # 278

Donahue, Curtis   UNH-IOL

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

"2.5Gb/s

SuggestedRemedy

Change to "2.5 Gb/s"

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.

Cl **127**   *SC* **127.1.1**   *P* **59**   *L* **15**   # 279

Donahue, Curtis   UNH-IOL

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

"(may include MDI)". This language seems odd, would you ever not include the MDI? Clause 36 (1000BASE-X PCS) is very similar to this paragraph but says "(including MDI)".

SuggestedRemedy

Change "(may include MDI)" to "(including MDI)".

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.

Cl **127**   *SC* **127.1.2**   *P* **60**   *L* **16**   # 121

Trowbridge, Steve   Nokia

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

The left side of the PMD box is "off" in the figure - depending on magnification, it can appear that that box is narrower than the rest of the stack, or perhaps the line width at the left is narrower than that of the rest of the boxes in the stack

SuggestedRemedy

Adjust the width or the box or the line width to aligne the appearance with the rest of the stack

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.

Cl **127**   *SC* **127.1.3.1**   *P* **60**   *L* **43**   # 280

Donahue, Curtis   UNH-IOL

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

This sentence has some typos.

SuggestedRemedy

Remove extra "." and make "Encoding" lowercase. Should read "... PHY implementations. The 2.5GBASE-X PCS provides all services required by the XGMII including encoding (decoding) of the XGMII ..."

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.

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

Cl **127**
SC **127.1.3.1**

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9/14/2016 8:48:18 AM

Cl **127**   *SC* **127.2.4.1**   *P* **63**   *L* **38**   # 281
Donahue, Curtis   UNH-IOL

Comment Type   **E**   *Comment Status*   **D**
Subclause title is "2.5Gb/s PCS Internal Interface (2.5GPII)". Should be a space in "2.5Gb/s".

SuggestedRemedy
Change to "2.5 Gb/s PCS Internal Interface (2.5GPII)".

Also, "2.5Gb/s" in first sentence of the following paragraph, change that as well.

Proposed Response   *Response Status*   **W**
PROPOSED ACCEPT.

Cl **127**   *SC* **127.2.4.2**   *P* **65**   *L* **1**   # 219
McClellan, Brett   Marvell

Comment Type   **E**   *Comment Status*   **D**
in table 127-1 the abbreviation for Normal Interframe is shown as "IDLE", not "Idle" as used in table 127-3 in the 2.5GPII Columns

SuggestedRemedy
Change "Idle" to "IDLE" in the 2.5GPII Columns

Proposed Response   *Response Status*   **W**
PROPOSED ACCEPT.

Cl **127**   *SC* **127.2.4.2**   *P* **65**   *L* **29**   # 220
McClellan, Brett   Marvell

Comment Type   **E**   *Comment Status*   **D**
following the notation of Clause 48, a sequence ordered set is noted as ||Q||, not |Q|.
also line 30 missing comma after Seq
also line 54, should |W| be /W/ instead?

SuggestedRemedy
line 29 change |Q| to ||Q||
line 30 change "Seq, Data S0, Seq Data S1," to "Seq, Data S0, Seq, Data S1,"
line 54 change |W| to /W/.

Proposed Response   *Response Status*   **W**
PROPOSED ACCEPT.

Cl **127**   *SC* **127.2.4.2**   *P* **65**   *L* **31**   # 282
Donahue, Curtis   UNH-IOL

Comment Type   **E**   *Comment Status*   **D**
In this paragraph there are 2 instances of "Sequence" (capital "S") when it should be "sequence" (lowercase "s"). Changing these to lowercase would also make them consistant with other instances in this subclause.

SuggestedRemedy
Page 65, line 31 & Page 65, line 32: Change "Sequence" to "sequence".

Proposed Response   *Response Status*   **W**
PROPOSED ACCEPT.

Cl **127**   *SC* **127.2.4.2**   *P* **65**   *L* **35**   # 283
Donahue, Curtis   UNH-IOL

Comment Type   **E**   *Comment Status*   **D**
"24 bit" should be "24-bit".

SuggestedRemedy
Change to "24-bit".

Proposed Response   *Response Status*   **W**
PROPOSED ACCEPT.

Cl **127**   *SC* **127.2.4.4**   *P* **66**   *L* **28**   # 222
McClellan, Brett   Marvell

Comment Type   **E**   *Comment Status*   **D**
following the notation of Clause 48, a sequence ordered set is noted as ||Q||, not |Q|, a Signal ordered set is noted as ||Fsig||, not |Fsig|

SuggestedRemedy
Change |Q| to ||Q|| and |Fsig| to ||Fsig||

Proposed Response   *Response Status*   **W**
PROPOSED ACCEPT.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general   *Cl* **127**   Page 12 of 34
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn   *SC* **127.2.4.4**   9/14/2016 8:48:18 AM
SORT ORDER: Clause, Subclause, page, line

Cl **127**   *SC* **127.2.4.4**   *P* **66**   *L* **31**   # 284
Donahue, Curtis   UNH-IOL

Comment Type   **E**   *Comment Status* **D**
   "2.5GMII" should be "2.5GPII".

SuggestedRemedy
   Change to "2.5GPII".

Proposed Response   *Response Status* **W**
   PROPOSED ACCEPT.

Cl **127**   *SC* **127.2.4.5**   *P* **66**   *L* **53**   # 285
Donahue, Curtis   UNH-IOL

Comment Type   **E**   *Comment Status* **D**
   "24 bit" should be "24-bit".

SuggestedRemedy
   Change to "24-bit".

Proposed Response   *Response Status* **W**
   PROPOSED ACCEPT.

Cl **127**   *SC* **127.2.4.5**   *P* **67**   *L* **12**   # 223
McClellan, Brett   Marvell

Comment Type   **E**   *Comment Status* **D**
   in table 127-2 the abbreviation for Normal Interframe is shown as "IDLE", not "Idle" as used
   in table 127-4 in the 2.5GPII Columns

SuggestedRemedy
   Change "Idle" to "IDLE" in the 2.5GPII Columns

Proposed Response   *Response Status* **W**
   PROPOSED ACCEPT.

Cl **127**   *SC* **127.2.4.5**   *P* **67**   *L* **30**   # 226
McClellan, Brett   Marvell

Comment Type   **T**   *Comment Status* **D**
   transition from DATA to LPI should not be allowed, should pass through ERR first

SuggestedRemedy
   line 30 and line 33 change X in 5th column to !DATA

Proposed Response   *Response Status* **W**
   PROPOSED ACCEPT.

Cl **127**   *SC* **127.2.4.5**   *P* **67**   *L* **35**   # 227
McClellan, Brett   Marvell

Comment Type   **T**   *Comment Status* **D**
   transition from DATA to Sequence should not be allowed, should pass through ERR first

SuggestedRemedy
   line 35 and line 37 change X in 5th column to !DATA

Proposed Response   *Response Status* **W**
   PROPOSED ACCEPT.

Cl **127**   *SC* **127.2.5.6**   *P* **69**   *L* **39**   # 286
Donahue, Curtis   UNH-IOL

Comment Type   **E**   *Comment Status* **D**
   "24 bit" should be "24-bit".

SuggestedRemedy
   Change to "24-bit".

Proposed Response   *Response Status* **W**
   PROPOSED ACCEPT.

Cl **127**   *SC* **127.2.5.6**   *P* **69**   *L* **41**   # 228
McClellan, Brett   Marvell

Comment Type   **E**   *Comment Status* **D**
   move "/" after the line break

SuggestedRemedy
   page 69 line 41 move "/" after the line break
   also page 71 line 5 move '/' after the line break

Proposed Response   *Response Status* **W**
   PROPOSED ACCEPT.

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

Cl **127**
SC **127.2.5.6**

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9/14/2016 8:48:18 AM

Cl **127** *SC* **127.2.6.1.2** *P* **72** *L* **18** # 229
McClellan, Brett Marvell

Comment Type **T** *Comment Status* **D**
/PL_LIMIT/ is a number not a set

SuggestedRemedy
change to PL_LIMIT

Proposed Response *Response Status* **W**
PROPOSED ACCEPT.

Cl **127** *SC* **127.2.6.1.3** *P* **74** *L* **14** # 136
Smith, Daniel Seagate

Comment Type **ER** *Comment Status* **D**
capitalization in name

SuggestedRemedy
should read: PMD_SIGNAL.indication(SIGNAL_DETECT).

Proposed Response *Response Status* **W**
PROPOSED ACCEPT.

Cl **127** *SC* **127.2.6.1.3** *P* **74** *L* **24** # 337
Law, David HPE

Comment Type **T** *Comment Status* **D**
Subclause 127.2.6.1.3 'Variables' states that 'The equation for this parameter is sync_status = code_sync_status + rx_lpi_active.' While rx_lpi_active is a Boolean (see page 76, line 18), code_sync_status is not, instead the values for the code_sync_status parameter are 'FAIL' and 'OK' (see page 76, line 10). Further it is stated that The values of the parameter are defined for code_sync_status.'.

As a result the above the output of this equation is defined as parameter with the value of either 'FAIL' or 'OK' based on a OR of a Boolean and a parameter with the value of either 'FAIL' or 'OK'. It however isn't clearly defined how the parameter values 'FAIL' and 'OK' should be mapped to Boolean values for input to, and output from, the OR operation.

SuggestedRemedy
Suggest that text 'Where the parameter value 'OK' maps to the Boolean value 'TRUE' and 'FAIL' maps to the Boolean value 'FALSE'.' be added after the equation.

Proposed Response *Response Status* **W**
PROPOSED ACCEPT.

Cl **127** *SC* **127.2.6.1.3** *P* **75** *L* **16** # 339
Law, David HPE

Comment Type **T** *Comment Status* **D**
I believe that running disparity is described in subclause 36.2.4.4 'Running disparity rules' of IEEE Std 802.3-2015, not subclause 36.2.4.3 which I believe is 'Valid and invalid code-groups.'.

SuggestedRemedy
Suggest that 'Running disparity is described in 36.2.4.3.' be changed to read 'Running disparity is described in 36.2.4.4.'.

Proposed Response *Response Status* **W**
PROPOSED ACCEPT.

Cl **127** *SC* **127.2.6.1.4** *P* **77** *L* **18** # 233
McClellan, Brett Marvell

Comment Type **E** *Comment Status* **D**
"Signal_detectCHANGE" is not capitalized.

SuggestedRemedy
change "Signal_detectCHANGE" to "signal_detectCHANGE"

Proposed Response *Response Status* **W**
PROPOSED ACCEPT.

Cl **127** *SC* **127.2.6.1.6** *P* **78** *L* **47** # 137
Smith, Daniel Seagate

Comment Type **ER** *Comment Status* **D**
capitalization in name

SuggestedRemedy
should read: PMD_SIGNAL.indication(SIGNAL_DETECT).

Proposed Response *Response Status* **W**
PROPOSED ACCEPT.

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

Cl **127**
SC **127.2.6.1.6**

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9/14/2016 8:48:18 AM

Cl **127**   *SC* **127.2.6.2.1**   *P* **81**   *L* **43**   # 343
Law, David   HPE

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

In Figure 127–4 'PCS Word Encode and Word-to-Octets state diagram' suggest that 'tx_even_FALSE' should read 'tx_even=FALSE' on the exit from state TX_2.5GPII_3.

SuggestedRemedy

See comment.

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT.

Cl **127**   *SC* **127.2.6.2.2**   *P* **83**   *L* **26**   # 346
Law, David   HPE

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

The 'else' in the states should be uppercase, see the last entry in IEEE Std 802.3-2015 Table 21–1. Suggest that the 'If' and 'then' should also be UPPERCASE. See IEEE Std 802.3-215 Figure 48–7 for example of this formatting.

Suggest similar formatting for state diagram function definition pseudo code that uses the same construct on page 77, line 28.

SuggestedRemedy

See comment.

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT.

Cl **127**   *SC* **127.2.6.2.3**   *P* **82**   *L* **9**   # 3
Laubach, Mark   Broadcom Limited

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

Line 9: the "D" goto box is colliding with the text below it. Provide more separation.
Line 10: There is a dashed box colliding with the text "assert_lpidle * TX_OSET.indicate". Can you fix so that the lines do not overwrite the text? Also, should be consistent with the "D" transition next to it, both have dashed boxes or both do not.
Line 53: "NOTE—Transitions B and C are only required for the EEE capability." is colliding with the figure caption. Need more visual separation.
Line 5: align bottom of arrows, move right most arrow a little more right.
Line 15: arrow is entering state box, should just be touching.
Line 42: why is there a dashed box around the "B" entry state machine, but not a similar box around the "D" entry state machine? Make box use consistent.

SuggestedRemedy

As per comment.

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT.

Cl **127**   *SC* **127.2.6.2.3**   *P* **85**   *L* **2**   # 135
Smith, Daniel   Seagate

Comment Type **ER**   *Comment Status* **D**

effecting hysteresis

SuggestedRemedy

s/b: affecting hysteresis (affect is a verb)

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT.

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

Cl **127**
SC **127.2.6.2.3**

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Cl **127** *SC* **127.2.6.2.3** *P* **85** *L* **5** # 347
Law, David HPE

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

It is states that 'For EEE capability the relationship between sync_status and code_sync_status is given by Figure 127–8c; otherwise sync_status is identical to code_sync_status.'. I don't see the relationship between sync_status and code_sync_status given in Figure 127–8c, in fact I don't see sync_status used in Figure 127–8c, only code_sync_status is used.

SuggestedRemedy

Suggest that 'For EEE capability the relationship between sync_status and code_sync_status is given by Figure 127–8c; otherwise sync_status is identical to code_sync_status.' be changed to read 'For EEE capability the relationship between sync_status and code_sync_status is given by the definition of the sync_status variable in 127.2.6.1.3; otherwise sync_status is identical to code_sync_status.

Proposed Response *Response Status* **W**

PROPOSED ACCEPT.

Cl **127** *SC* **127.2.6.2.4** *P* **86** *L* **5** # 348
Law, David HPE

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

In Figure 127–8a 'PCS receive state diagram, part a' suggest that 'rx lpi active <= FALSE;' should read 'rx_lpi_active <= FALSE' in the LINK_FAILED state.

SuggestedRemedy

See comment.

Proposed Response *Response Status* **W**

PROPOSED ACCEPT.

Cl **127** *SC* **127.2.6.2.4** *P* **86** *L* **5** # 349
Law, David HPE

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

In Figure 127–8a 'PCS receive state diagram, part a' suggest that in the state 'LINK_FAILED' the spurious ';' at the end of the first two assignments, and the spurious '.' at the end of the third, be deleted.

SuggestedRemedy

See comment.

Proposed Response *Response Status* **W**

PROPOSED ACCEPT.

Cl **127** *SC* **127.2.6.2.4** *P* **86** *L* **11** # 350
Law, David HPE

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

In Figure 127–8a 'PCS receive state diagram, part a' suggest that in the state 'WAIT_FOR_K' the spurious ';' at the end of the first assignments and the spurious '.' at the end of the second, be deleted.

SuggestedRemedy

See comment.

Proposed Response *Response Status* **W**

PROPOSED ACCEPT.

Cl **127** *SC* **127.2.6.2.4** *P* **86** *L* **19** # 351
Law, David HPE

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

In Figure 127–8a 'PCS receive state diagram, part a' suggest that 'rp-dv <= 0;' should read 'rp_dv <= 0' in the RX_K state.

SuggestedRemedy

See comment.

Proposed Response *Response Status* **W**

PROPOSED ACCEPT.

Cl **127** *SC* **127.2.6.2.4** *P* **86** *L* **29** # 352
Law, David HPE

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

In Figure 127–8a 'PCS receive state diagram, part a' suggest that 'rp-dv <= 0;' should read 'rp_dv <= 0' in the IDLE_D state.

SuggestedRemedy

See comment.

Proposed Response *Response Status* **W**

PROPOSED ACCEPT.

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

Cl **127**
SC **127.2.6.2.4**

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Cl **127**　　*SC* **127.2.6.2.4**　　　*P* **87**　　*L* **44**　　# **4**
Laubach, Mark　　　　　　　　　　　　Broadcom Limited

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

Un-needed arrow head, remove.
For consideration: some of the state boxes look like unaligned separate lines, rather than a
graphic box.　Suggestion: make the corners look better aligned regardless of how drawn.
Note this could be a FM -> PDF issue.

SuggestedRemedy

As per comment.

Proposed Response　　　*Response Status* **W**

PROPOSED ACCEPT.

Cl **127**　　*SC* **127.2.6.2.4**　　　*P* **88**　　*L* **7**　　# **5**
Laubach, Mark　　　　　　　　　　　　Broadcom Limited

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

Many of the line "corners" are not graphically aligned in this figure that should be aligned
better.　Also, seeing lines running into state boxes that should be "move behind" or similar
to neaten things up.

SuggestedRemedy

As per comment.

Proposed Response　　　*Response Status* **W**

PROPOSED ACCEPT.

Cl **127**　　*SC* **127.6**　　　*P* **94**　　*L* **43**　　# **172**
Hidaka, Yasuo　　　　　　　　　　　　Fujitsu Lab of America

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

Clause 71.8 is interconnect characteristics. Clause 71.9 is environment specifications.

SuggestedRemedy

Change the reference to 71.8 with a reference to 71.9.

Proposed Response　　　*Response Status* **W**

PROPOSED ACCEPT.

Cl **127**　　*SC* **127.7**　　　*P* **95**　　*L* **39**　　# **59**
Anslow, Pete　　　　　　　　　　　　Ciena

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

The publication date for P802.3cb is unknown.

SuggestedRemedy

Change "2016" to "201x" in two places each in 127.7.3.2, 128.10.2.2, 129.7.2.2,
128A.4.2.2, 128B.4.2.2, 128D.3.2.2, 130A.4.2.2, 130B.4.2.2.
This should be done by changing the variable "PICS_year" in each file in the book.

Proposed Response　　　*Response Status* **W**

PROPOSED ACCEPT.

Cl **127**　　*SC* **127.7.5.4**　　　*P* **97**　　*L* **48**　　# **354**
Law, David　　　　　　　　　　　　HPE

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

In item PMA1 suggest that '… of tx_code_group' should read '… of tx_code-group' .

SuggestedRemedy

See comment.

Proposed Response　　　*Response Status* **W**

PROPOSED ACCEPT.

Cl **127A**　　*SC* **127A**　　　*P* **157**　　*L* **6**　　# **116**
D'Ambrosia, John　　　　　　　　　　Futurewei, Subsidiary

Comment Type **ER**　　*Comment Status* **D**

Annex127A consists of two sentences with a pointer to Annex36A. This does not help with
ease of reading for the reader.

SuggestedRemedy

Delete Annex127A. Replace the last sentnece in second paragraph of 127.3.4. with - The
patterns described in Annex 36A may be used
for 2.5GBASE-X except the nominal bit rate is 2.5 times faster and any references to the
GMII applies to the XGMII."

Proposed Response　　　*Response Status* **W**

PROPOSED ACCEPT.

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

Cl **127A**
SC **127A**

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9/14/2016 8:48:18 AM

Cl **127B**   *SC*   *P* **158**   *L* **38**   # ☐ **111**
Larry, McMillan   Western Digital

Comment Type   **E**   *Comment Status*   **D**
　　Typo: "1000BASEX PCS will interpret each /Q/ ordered_set as four /I/ ordered set." "set"
　　should be plural not singular

SuggestedRemedy
　　Change to read: "1000BASEX PCS will interpret each /Q/ ordered_set as four /I/ ordered
　　sets." i.e. change "set" to "sets"

Proposed Response   *Response Status*   **W**
　　PROPOSED ACCEPT.

Cl **127B**   *SC*   *P* **158**   *L* **43**   # ☐ **112**
Larry, McMillan   Western Digital

Comment Type   **E**   *Comment Status*   **D**
　　in the phrase "can detect false carrier, but these will be converted to receive error",
　　"carrier" and "error" should be plural, not singular

SuggestedRemedy
　　Change to read: "can detect false carriers, but these will be converted to receive errors".
　　i.e. change "carrier" to "carriers" and "error" to "errors"

Proposed Response   *Response Status*   **W**
　　PROPOSED ACCEPT.

Cl **127B**   *SC*   *P* **158**   *L* **45**   # ☐ **113**
Larry, McMillan   Western Digital

Comment Type   **E**   *Comment Status*   **D**
　　"It is permissible for a compliant 1000BASE-X PCS transmit process to truncated the first
　　byte of preamble" is grammatically incorrect

SuggestedRemedy
　　Change to read: "It is permissible for a compliant 1000BASE-X PCS transmit process to
　　truncate the first byte of a preamble" i.e. change "truncated" to "truncate" and add an "a"
　　before "preamble"

Proposed Response   *Response Status*   **W**
　　PROPOSED ACCEPT.

Cl **127B**   *SC*   *P* **158**   *L* **46**   # ☐ **288**
Donahue, Curtis   UNH-IOL

Comment Type   **E**   *Comment Status*   **D**
　　"2.5Gb/s"

SuggestedRemedy
　　Change to "2.5 Gb/s"

　　Two instances:

　　Page 158, Line 46
　　Page 158, Line 49
　　Page 159, Line 6

Proposed Response   *Response Status*   **W**
　　PROPOSED ACCEPT.

Cl **128**   *SC* **7.1.6**   *P* **109**   *L* **41**   # ☐ **1**
McDermott, Thomas   Fujitsu

Comment Type   **ER**   *Comment Status*   **D**
　　The cluase deals with common mode output return loss, but references differential output
　　retun loss in line 41, and the titel of figure 128-5 on page 110.

SuggestedRemedy
　　On page 109 line 41 - change 'differential mode' to 'common mode'.
　　Page 110 line 23 - change 'differenital mode' to 'common mode' in the figure title.

Proposed Response   *Response Status*   **W**
　　PROPOSED ACCEPT.

Cl **128**   *SC* **128.1**   *P* **99**   *L* **9**   # ☐ **248**
Healey, Adam   Broadcom Ltd.

Comment Type   **E**   *Comment Status*   **D**
　　Clause 45 is not an external cross-reference since it is amended in this draft.

SuggestedRemedy
　　Make this a live cross-reference to Clause 45 and change the font color to black.

Proposed Response   *Response Status*   **W**
　　PROPOSED ACCEPT.
　　[Editor's note: this will show as green until the change markings are removed. Then it will
　　be black.]

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general　　　　*Cl* **128**　　　Page 18 of 34
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn　　*SC* **128.1**　　9/14/2016 8:48:18 AM
SORT ORDER: Clause, Subclause, page, line

Cl **128**   *SC* **128.2**   *P* **99**   *L* **46**   # 114

Bains, Amrik   Cisco Systems

Comment Type   **ER**   *Comment Status*   **D**

2.5GBASE-X uses 8B/10B 10 bit interface between PMA/PMD and not
"The PMD Service Interface supports the exchange of encoded and scrambled 64B/66B
blocks between the
PMA and PMD entities."

SuggestedRemedy

The PMD Service Interface supports the exchange of encoded 8B/10B blocks between the
PMA and PMD entities.

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.

Cl **128**   *SC* **128.2**   *P* **99**   *L* **46**   # 290

Donahue, Curtis   UNH-IOL

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

"64B/66B". Shouldn't this be "8B/10B" for BASE-X?

SuggestedRemedy

Change to "8B/10B".

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.
[Editors note: duplicate of #114]

Cl **128**   *SC* **128.2.4.3**   *P* **101**   *L* **42**   # 291

Donahue, Curtis   UNH-IOL

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

"1000BASE-KX PHY". Should be "2.5GBASE-KX PHY".

SuggestedRemedy

Change to "2.5GBASE-KX PHY".

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.
[Editor's note: duplicate of #115]

Cl **128**   *SC* **128.6.10**   *P* **105**   *L* **26**   # 292

Donahue, Curtis   UNH-IOL

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

"Auto-negotiation". Should be "Auto-Negotiation" (capital "N").

SuggestedRemedy

Change to "Auto-Negotiation".

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.

Cl **128**   *SC* **128.7.1.2**   *P* **107**   *L* **30**   # 177

Hidaka, Yasuo   Fujitsu Lab of America

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

"f" is not italic face.

SuggestedRemedy

Make "f" italic face.

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.

Cl **128**   *SC* **128.7.1.2**   *P* **107**   *L* **31**   # 293

Donahue, Curtis   UNH-IOL

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

"The differential The differential return loss,"

SuggestedRemedy

Change to "The differential return loss,"

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.

Cl **128**   *SC* **128.7.1.2**   *P* **107**   *L* **34, 3**   # 127

Smith, Daniel   Seagate

Comment Type   **ER**   *Comment Status*   **D**

ReturnLoss is not consistant with other usage.

SuggestedRemedy

change to: Return_Loss

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.

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

Cl **128**
SC **128.7.1.2**

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Cl **128**   *SC* **128.7.1.4**   *P* **108**   *L* **6**   # 294
Donahue, Curtis   UNH-IOL

Comment Type **E**   *Comment Status* **D**
   In Figure 128-3, it says "SL<p> - SLn<n>".

SuggestedRemedy
   Change to "SL<p> - SL<n>".

Proposed Response   *Response Status* **W**
   PROPOSED ACCEPT.

Cl **128**   *SC* **128.7.1.5**   *P* **108**   *L* **31, 3**   # 128
Smith, Daniel   Seagate

Comment Type **ER**   *Comment Status* **D**
   ReturnLoss is not consistant with other usage.

SuggestedRemedy
   change to: Return_Loss

Proposed Response   *Response Status* **W**
   PROPOSED ACCEPT.

Cl **128**   *SC* **128.7.1.5**   *P* **109**   *L* **21**   # 179
Hidaka, Yasuo   Fujitsu Lab of America

Comment Type **E**   *Comment Status* **D**
   Equation 128-3 specifies the return loss from 100MHz, whereas Figure 128-4 specifies the return loss from 10MHz.

SuggestedRemedy
   Change Figure 128-4 frequency to start from 100MHz.

Proposed Response   *Response Status* **W**
   PROPOSED ACCEPT.

Cl **128**   *SC* **128.7.1.6**   *P* **109**   *L* **42**   # 295
Donahue, Curtis   UNH-IOL

Comment Type **E**   *Comment Status* **D**
   "The minimum differential return loss is shown in Figure 128-5". Should be "The minimum common-mode output return loss is shown in Figure 128-5". Also the title to Figure 128-5 is wrong.

SuggestedRemedy
   1) Change "The minimum differential return loss is shown in Figure 128-5" to "The minimum common-mode output return loss is shown in Figure 128-5".

   2) Change the title of Figure 128-5 to "Trasnmitter common-mode return loss".

Proposed Response   *Response Status* **W**
   PROPOSED ACCEPT.
   [Editor's note: duplicate of #1, but without the '-' before "mode"]

Cl **128**   *SC* **128.7.1.7**   *P* **110**   *L* **29**   # 180
Hidaka, Yasuo   Fujitsu Lab of America

Comment Type **E**   *Comment Status* **D**
   Here, a reference to 128B.1 is made, but there is not high-frequency test pattern in 128B.1. The high-frequency test pattern is defined in 36A.1.

SuggestedRemedy
   Change the reference to 128B.1 with a reference to 36A.1.

Proposed Response   *Response Status* **W**
   PROPOSED ACCEPT.

Cl **128**   *SC* **128.7.1.9**   *P* **110**   *L* **46**   # 296
Donahue, Curtis   UNH-IOL

Comment Type **E**   *Comment Status* **D**
   Typos. "C" in "Component" and "peak-to-peaks".

SuggestedRemedy
   Change sentence to "... deterministic component of 0.15 UI peak-to-peak and a ..."

Proposed Response   *Response Status* **W**
   PROPOSED ACCEPT.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general   *Cl* **128**   Page 20 of 34
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn   *SC* **128.7.1.9**   9/14/2016 8:48:18 AM
SORT ORDER: Clause, Subclause, page, line

Cl **128**   *SC* **128.7.1.10**   *P* **111**   *L* **7**   # 204
Lusted, Kent   Intel

Comment Type **ER**   *Comment Status* **D**
Figure 128-6 has a shadowing feature enabled that reduces readability.

SuggestedRemedy
Remove shadowing.

Proposed Response   *Response Status* **W**
PROPOSED ACCEPT.

Cl **128**   *SC* **128.7.2.1**   *P* **112**   *L* **3**   # 151
Smith, Daniel   Seagate

Comment Type **ER**   *Comment Status* **D**
plural missing

SuggestedRemedy
should read:
The receiver interference tolerance consists...

Proposed Response   *Response Status* **W**
PROPOSED ACCEPT.
[Editor's note: I also removed the extra space before 'consist'.]

Cl **128**   *SC* **128.7.2.5**   *P* **113**   *L* **3**   # 183
Hidaka, Yasuo   Fujitsu Lab of America

Comment Type **E**   *Comment Status* **D**
"f" is not italic face.

SuggestedRemedy
Make "f" italic face.

Proposed Response   *Response Status* **W**
PROPOSED ACCEPT.

Cl **128**   *SC* **128.8**   *P* **113**   *L* **10**   # 250
Healey, Adam   Broadcom Ltd.

Comment Type **ER**   *Comment Status* **D**
The interconnect requirements are defined in Annex 128C.

SuggestedRemedy
Correct the reference.

Proposed Response   *Response Status* **W**
PROPOSED ACCEPT.

Cl **128**   *SC* **128.10.3**   *P* **115**   *L* **28**   # 186
Hidaka, Yasuo   Fujitsu Lab of America

Comment Type **E**   *Comment Status* **D**
TD is mandatory if EEE is supported.

SuggestedRemedy
Change "No []" with "N/A []" in the support column for TD.

Proposed Response   *Response Status* **W**
PROPOSED ACCEPT.

Cl **128**   *SC* **128.10.4.1**   *P* **115**   *L* **53**   # 6
Laubach, Mark   Broadcom Limited

Comment Type **E**   *Comment Status* **D**
There are three occurences in this PICS section where the bottom horizontal line of a table is missing. The line needs to be there so we know that text hasn't fallen off the page also.   Adjust whatever FM issue is causing this (never seen it before so can't recommend.)

SuggestedRemedy
As per comment.

Proposed Response   *Response Status* **W**
PROPOSED ACCEPT.

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

Cl **128**
SC **128.10.4.1**

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9/14/2016 8:48:18 AM

Cl **128A**   *SC* **128A.1**   *P* **159**   *L* **13**   # 255
Healey, Adam   Broadcom Ltd.

Comment Type   **TR**   *Comment Status*   **D**

Since this is an Annex to Clause 128, it seems reasonable to assume that transmitters and receivers that satisfy the Clause 128 requirements are suitable for this application. If this is the case, then it seems TP0D-H and TP0H-D should be equivalent to TP1 in Clause 128, and TP5D-H and TP5H-D should be equivalent to to TP4 in Clause 128. If so, then it seems that channel between TP0D-H and TP5H-D (or TP0H-D and TP5D-H) is simply a specific partitioning of the generic channel described in Annex 128C. If all of this is correct, then it seems that the text and/or test point definitions should be modified to make this clear. If it is not correct, then the relationship between this interface and clause it is associated with is unclear. Is this Annex defining a completely different PMD?

SuggestedRemedy

Clarify the relationship between a 2.5GBASE-KX PMD and the 2.5GSEI.

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.
[Editor's note: the commenter agreed to change the paragraph as follows, by adding this before the last sentence:

The compliance point definitions provide a unique partitioning of the channel defined in Annex 128C, such that the test points TP0D-H and TP0H-D defined in this Annex are equivalent to TP1 defined in Annex 128C, and TP5D-H and TP5H-D defined in this Annex are equivalent to TP4 defined in Annex 128C.
]

Cl **128A**   *SC* **128A.2**   *P* **163**   *L* **17**   # 264
Healey, Adam   Broadcom Ltd.

Comment Type   **TR**   *Comment Status*   **D**

In the second part of the figure, it seems the test point at the PMD receiver function should be TP5H-D. the test point at the connection interface should be TP4H-D, the "Tx PCB" should be "Rx PCB", and the AC coupling capacitors shown between the TP4 and TP5.

SuggestedRemedy

Modify the figure per the comment.

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.

Cl **128A**   *SC* **128A.3.1**   *P* **164**   *L* **1**   # 21
Hajduczenia, Marek   Charter Communicatio

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

Table 128A-1 uses "max." and "max" - which is it supposed to be?

SuggestedRemedy

Please use "max." consistently. The same goes for "min."

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.

Cl **128A**   *SC* **128A.3.1**   *P* **164**   *L* **7**   # 74
Calbone, Anthony   Seagate

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

The Units column is not wide enough for the title Units, so the "s" is on a second line.

SuggestedRemedy

Widen Units column so the whole word fits into one line.

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.

Cl **128A**   *SC* **128A.3.1**   *P* **164**   *L* **17**   # 73
Calbone, Anthony   Seagate

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

The return loss value is pointing to both an insertion loss and return loss equation.

SuggestedRemedy

Change the value to "See Equation (128A-2)"

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.

Cl **128A**   *SC* **128A.3.1.2**   *P* **165**   *L* **6**   # 298
Donahue, Curtis   UNH-IOL

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

In Figure 128A-6 there are two instances of "SL<p>". One of them should be "SL<n>". Same things appears in Figure 120A-6 in 130A.3.1.2.

SuggestedRemedy

Change one of the "SL<p>" to "SL<n>" in Figure 128A-6 and 130A-6.

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general   *Cl* **128A**   Page 22 of 34
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn   *SC* **128A.3.1.2**   9/14/2016 8:48:18 AM
SORT ORDER: Clause, Subclause, page, line

Cl **128A**   *SC* **128A.3.1.4.2**   *P* **166**   *L* **40**   # 259
Healey, Adam   Broadcom Ltd.

Comment Type   **T**   *Comment Status*   **D**
Table 128A.3.1 already states that "A 2.5GSEI host output shall meet the specifications defined in Table 128A–1 if measured at TP4H-D" and Table 128A-1 includes the parameters defined in this subclause. It is not necessary to state the requirements again.

SuggestedRemedy
Remove the last two sentences from this subclause. Note similar issues in 128A.3.1.6, 128A.3.1.7, 128A.3.3.2, and 128A.3.3.3.

Proposed Response   *Response Status*   **W**
PROPOSED ACCEPT.

Cl **128A**   *SC* **128A.3.1.5**   *P* **166**   *L* **49**   # 299
Donahue, Curtis   UNH-IOL

Comment Type   **E**   *Comment Status*   **D**
"5"

SuggestedRemedy
Change to "five".

Proposed Response   *Response Status*   **W**
PROPOSED ACCEPT.

Cl **128A**   *SC* **128A.3.2**   *P* **167**   *L* **17**   # 75
Calbone, Anthony   Seagate

Comment Type   **E**   *Comment Status*   **D**
The second sentence is inconsistent with the other input characteristics sections.

SuggestedRemedy
Remove the second sentence: "The test transmitter then transmits any valid PCS output (such as scrambled idle)."

Proposed Response   *Response Status*   **W**
PROPOSED ACCEPT.

Cl **128A**   *SC* **128A.3.2**   *P* **167**   *L* **23**   # 78
Calbone, Anthony   Seagate

Comment Type   **E**   *Comment Status*   **D**
The Units column is not wide enough for the title Units, so the "s" is on a second line.

SuggestedRemedy
Widen Units column so the whole word fits into one line.

Proposed Response   *Response Status*   **W**
PROPOSED ACCEPT.

Cl **128A**   *SC* **128A.3.2**   *P* **167**   *L* **24**   # 22
Hajduczenia, Marek   Charter Communicatio

Comment Type   **E**   *Comment Status*   **D**
no need to break the line in "See Equation (128A-2)" statement - extend the size of Value column and shrink the Parameter column to compensate. Also, extend the size of Units column to make sure "s" is not forced into line 2.
Also, add "-" in Units column where no units are present / needed

SuggestedRemedy
Per comment- there are multiple tables in the draft that need the associated change.
Please make sure all tables have "-" in Units column where no units are needed / defined.

Proposed Response   *Response Status*   **W**
PROPOSED ACCEPT.

Cl **128A**   *SC* **128A.3.2**   *P* **167**   *L* **27**   # 76
Calbone, Anthony   Seagate

Comment Type   **E**   *Comment Status*   **D**
The interference tolerance Subclause reference is incorrect

SuggestedRemedy
Change 128A.3.2.1 to 128A.3.2.2

Proposed Response   *Response Status*   **W**
PROPOSED ACCEPT.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general   *Cl* **128A**   Page 23 of 34
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn   *SC* **128A.3.2**   9/14/2016 8:48:18 AM
SORT ORDER: Clause, Subclause, page, line

Cl **128A**   *SC* **128A.3.2**   *P* **167**   *L* **28**   # 77

Calbone, Anthony   Seagate

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

The jitter tolerance Subclause reference is incorrect

SuggestedRemedy

Change 128A.3.2.1 to 128A.3.2.3

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.

Cl **128A**   *SC* **128A.3.2.2**   *P* **167**   *L* **40**   # 79

Calbone, Anthony   Seagate

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

The Figure 128A-9 reference is incorrect.

SuggestedRemedy

Change 128A-9 to 128A-8.

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.

Cl **128A**   *SC* **128A.3.2.3**   *P* **168**   *L* **52**   # 200

Hidaka, Yasuo   Fujitsu Lab of America

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

Table 128A-10 is applied peak-to-peak sinusoidal jitter.

SuggestedRemedy

Change the reference to Figure 128A-10.

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.

Cl **128A**   *SC* **128A.3.2.3**   *P* **168**   *L* **52**   # 80

Calbone, Anthony   Seagate

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

The Figure 128A-10 reference is incorrect.

SuggestedRemedy

Change 128A-10 to 128A-9.

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.

Cl **128A**   *SC* **128A.3.2.3**   *P* **170**   *L* **11**   # 8

Laubach, Mark   Broadcom Limited

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

The alignment of box corners, lines, and arrows could be improved. Arrow heads in the same diagram should most often be the same size. In many figures, text is uncomfortably close to lines, boxes, and the figure caption. Generally, I like to be specific for page and line, but after getting through the entire doc some over all neatening might be nice (yes, I know it might be considered time consuming....)

SuggestedRemedy

Suggested, as per comment.

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.

Cl **128A**   *SC* **128A.3.3**   *P* **171**   *L* **7**   # 82

Calbone, Anthony   Seagate

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

The Units column is not wide enough for the title Units, so the "s" is on a second line.

SuggestedRemedy

Widen Units column so the whole word fits into one line.

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.

Cl **128A**   *SC* **128A.3.3**   *P* **171**   *L* **28**   # 83

Calbone, Anthony   Seagate

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

The Signal-to-noise-and-distortion ratio (min) Subclause reference is incorrect.

SuggestedRemedy

Change 128A.3.3.2 to 128A.3.3.3

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.

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

Cl **128A**
SC **128A.3.3**

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Cl **128A**   *SC* **128A.3.3.2**   *P* **171**   *L* **43**   # 84
Calbone, Anthony   Seagate

Comment Type **E**   *Comment Status* **D**
There is an extra parenthesis around p(k)

SuggestedRemedy
Remove the extra parathesis. Change p(k)) to p(k).

Proposed Response   *Response Status* **W**
PROPOSED ACCEPT.

Cl **128A**   *SC* **128A.3.4**   *P* **172**   *L* **8**   # 85
Calbone, Anthony   Seagate

Comment Type **E**   *Comment Status* **D**
The Units column is not wide enough for the title Units, so the "s" is on a second line.

SuggestedRemedy
Widen Units column so the whole word fits into one line.

Proposed Response   *Response Status* **W**
PROPOSED ACCEPT.

Cl **128A**   *SC* **128A.3.4.3**   *P* **173**   *L* **35**   # 86
Calbone, Anthony   Seagate

Comment Type **E**   *Comment Status* **D**
The Figure 128A-10 reference is incorrect.

SuggestedRemedy
Change 128A-10 to 128A-11.

Proposed Response   *Response Status* **W**
PROPOSED ACCEPT.

Cl **128A**   *SC* **128A.4.2.2**   *P* **175**   *L* **36**   # 64
Anslow, Pete   Ciena

Comment Type **E**   *Comment Status* **D**
"Annex title" should be replaced by the annex title!

SuggestedRemedy
Replace "Annex title" with "2.5Gb/s Storage Enclosure Interface (2.5GSEI)"

Proposed Response   *Response Status* **W**
PROPOSED ACCEPT.

Cl **128A**   *SC* **128A.4.2.2**   *P* **175**   *L* **42**   # 24
Hajduczenia, Marek   Charter Communicatio

Comment Type **E**   *Comment Status* **D**
I do not think 802.3cb will be published in 2016.

SuggestedRemedy
Please change all references to "802.3cb-2016" to "802.3cb-201x"

Proposed Response   *Response Status* **W**
PROPOSED ACCEPT.

Cl **128A**   *SC* **128A.4.4**   *P* **176**   *L* **16**   # 25
Hajduczenia, Marek   Charter Communicatio

Comment Type **E**   *Comment Status* **D**
We do not use "E" based description for BER very often

SuggestedRemedy
Change "BER < 10E-12" to proper format as seen in 128A.1.1
Same for HI4, HI6, DI4, DI6
more of "E" based BER values in Table 128C–1
There are more instances in text and in PICS that need to be replaced.

Proposed Response   *Response Status* **W**
PROPOSED ACCEPT.

Cl **128A**   *SC* **128A.4.4**   *P* **176**   *L* **16**   # 66
Anslow, Pete   Ciena

Comment Type **T**   *Comment Status* **D**
"10E-12" is equivalent to 1E-11 and also not in the format used in 802.3.

SuggestedRemedy
Change to "10-12" where "-12" is a superscript.
Make the same change in 128A.4.4.2 (2 places), 128A.4.4.4 (2 places), 130A.4.4,
130A.4.4.2 (2 places), 130A.4.4.4 (2 places)

Proposed Response   *Response Status* **W**
PROPOSED ACCEPT.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general   *Cl* **128A**   Page 25 of 34
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn   *SC* **128A.4.4**   9/14/2016 8:48:19 AM
SORT ORDER: Clause, Subclause, page, line

Cl **128A**   *SC* **128A.4.4**   *P* **176**   *L* **16**   # 65
Anslow, Pete   Ciena

Comment Type **T**   *Comment Status* **D**
    The abbreviation "BER" stands for "bit error ratio", not "bit error rate"

SuggestedRemedy
    Change "Bit Error Rate" to "Bit error ratio" in 128A.4.4 and 130A.4.4

Proposed Response   *Response Status* **W**
    PROPOSED ACCEPT.

Cl **128A**   *SC* **128A.4.4.2**   *P* **177**   *L* **4**   # 67
Anslow, Pete   Ciena

Comment Type **E**   *Comment Status* **D**
    http://www.ieee802.org/3/WG_tools/editorial/requirements/words.html says that "The symbol 'bps' is not used, instead 'b/s' is used"

SuggestedRemedy
    Change "Gbps" to "Gb/s" in 128A.4.4.2 (2 places), 128A.4.4.4 (2 places), 130A.4.4.2 (2 places), 130A.4.4.4 (2 places)

Proposed Response   *Response Status* **W**
    PROPOSED ACCEPT.

Cl **128B**   *SC* **128B.3**   *P* **181**   *L* **40**   # 302
Donahue, Curtis   UNH-IOL

Comment Type **E**   *Comment Status* **D**
    Looks like this sentence is missing a subclause reference, "in for 2.5GBASE-KX".

SuggestedRemedy
    Change to "in 128.7.2.1 for 2.5GBASE-KX."

Proposed Response   *Response Status* **W**
    PROPOSED ACCEPT.

Cl **128B**   *SC* **128B.4.4.2**   *P* **183**   *L* **44**   # 26
Hajduczenia, Marek   Charter Communicatio

Comment Type **E**   *Comment Status* **D**
    We do have a special symbol for ">=" please see the front matter and table of symbols

SuggestedRemedy
    Please replace all instances of ">=" with appropriate symbol. The same goes for "<=" See IG3 for proper symbols

Proposed Response   *Response Status* **W**
    PROPOSED ACCEPT.

Cl **128C**   *SC* **128C.3**   *P* **185**   *L* **50**   # 27
Hajduczenia, Marek   Charter Communicatio

Comment Type **E**   *Comment Status* **D**
    Missing space in "100   ± 10%." - make sure "±" symbol has always spaces around it

SuggestedRemedy
    Per comment

Proposed Response   *Response Status* **W**
    PROPOSED ACCEPT.

Cl **128C**   *SC* **128C.3**   *P* **185**   *L* **50**   # 303
Donahue, Curtis   UNH-IOL

Comment Type **E**   *Comment Status* **D**
    "100 (Ohm)+/- 10%".

SuggestedRemedy
    Add space so the text reads "100 (Ohm) +/- 10%".

    Note: Use Ohm symbol.

Proposed Response   *Response Status* **W**
    PROPOSED ACCEPT.

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

Cl **128C**
SC **128C.3**

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Cl **128C**   *SC* **128C.4.1**   *P* **186**   *L* **24**   # 304
Donahue, Curtis   UNH-IOL

Comment Type   **E**   *Comment Status*   **D**
    Top two rows of Table 128C-1 list parameters "F max" and "F min". Should be "f_max" and "f_min" where "_" represents subscript text.

SuggestedRemedy
    Change to "f_max" and "f_min".

Proposed Response   *Response Status*   **W**
    PROPOSED ACCEPT.

Cl **128C**   *SC* **128C.4.1**   *P* **186**   *L* **27**   # 71
Anslow, Pete   Ciena

Comment Type   **E**   *Comment Status*   **D**
    802.3 does not use the format 2E-5 etc.

SuggestedRemedy
    Change "2E-5" to "2 x 10-5" where "x" is a multiply sign (Ctrl-q 0) and "-5" is a superscript.
    Change the numbers in the next three rows in an equivalent way.
    Scrub the draft for other instances of this.

Proposed Response   *Response Status*   **W**
    PROPOSED ACCEPT.

Cl **128C**   *SC* **128C.4.4**   *P* **188**   *L* **41**   # 129
Smith, Daniel   Seagate

Comment Type   **ER**   *Comment Status*   **D**
    Missing parenthesis on the term: Af)

SuggestedRemedy
    s/b: A(f)

Proposed Response   *Response Status*   **W**
    PROPOSED ACCEPT.

Cl **128C**   *SC* **128C.4.4**   *P* **188**   *L* **46**   # 274
Healey, Adam   Broadcom Ltd.

Comment Type   **TR**   *Comment Status*   **D**
    Equations (128C-9) and (128C-10) are incorrect.

SuggestedRemedy
    Change "0.7^(-9)" to "0.7x10^(-9)" in both cases.

Proposed Response   *Response Status*   **W**
    PROPOSED ACCEPT.

Cl **128C**   *SC* **128C.4.6.1**   *P* **190**   *L* **34**   # 305
Donahue, Curtis   UNH-IOL

Comment Type   **E**   *Comment Status*   **D**
    Missing "(" in "PSNEXT)".

SuggestedRemedy
    Change to "(PSNEXT)".

Proposed Response   *Response Status*   **W**
    PROPOSED ACCEPT.

Cl **128D**   *SC* **128D.1.2**   *P* **193**   *L* **50**   # 28
Hajduczenia, Marek   Charter Communicatio

Comment Type   **E**   *Comment Status*   **D**
    text in lines 50-54 is shown in italics, but it is not part of the equation.

SuggestedRemedy
    Please apply proper text tyle
    Simialr problem on page 196, lines 50-52; page 202, line 54

Proposed Response   *Response Status*   **W**
    PROPOSED ACCEPT.

Cl **128D**   *SC* **128D.2**   *P* **194**   *L* **49**   # 110
Calbone, Anthony   Seagate

Comment Type   **E**   *Comment Status*   **D**
    Title is incorrect

SuggestedRemedy
    Change title to "Mated test fixtures"

Proposed Response   *Response Status*   **W**
    PROPOSED ACCEPT.

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

Cl **128D**
SC **128D.2**

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Cl **128D**　　*SC* **128D.2.3**　　　　*P* **196**　　*L* **31**　　# 29
Hajduczenia, Marek　　　　　　　Charter Communicatio

Comment Type **E**　　*Comment Status* **D**
Tables are usually centered

SuggestedRemedy
Please center Table 128D-1

Proposed Response　　*Response Status* **W**
PROPOSED ACCEPT.

Cl **129**　　*SC* **129.1.3**　　　　*P* **120**　　*L* **15**　　# 187
Hidaka, Yasuo　　　　　　　Fujitsu Lab of America

Comment Type **E**　　*Comment Status* **D**
5GBASE-X PCS in Figure 129-1.

SuggestedRemedy
Change "5GBASE-X PCS" with "5GBASE-R PCS".

Proposed Response　　*Response Status* **W**
PROPOSED ACCEPT.
[Editor's note: duplicate of #308]

Cl **129**　　*SC* **129.1.3**　　　　*P* **120**　　*L* **16**　　# 308
Donahue, Curtis　　　　　　　UNH-IOL

Comment Type **E**　　*Comment Status* **D**
"5GBASE-X PCS". Should be "5GBASE-R PCS".

SuggestedRemedy
Change to "5GBASE-R PCS"

Proposed Response　　*Response Status* **W**
PROPOSED ACCEPT.
[Editor's note: duplicate of #187]

Cl **129**　　*SC* **129.1.4**　　　　*P* **121**　　*L* **17**　　# 309
Donahue, Curtis　　　　　　　UNH-IOL

Comment Type **E**　　*Comment Status* **D**
There seems to be an inconsistantcy between "5GBASE-R PMD" and "5GBASE-KR PMD", previously in the draft I only saw "5GBASE-KR PMD". Should be consistant throughout the draft.

SuggestedRemedy
Change all instances of "5GBASE-R PMD" to "5GBASE-KR PMD". I see "5GBASE-R PMD" in the following places.

Page 121, Line 17
Page 125, Line 5
Page 134, Line 24

Proposed Response　　*Response Status* **W**
PROPOSED ACCEPT.

Cl **129**　　*SC* **129.3.2.2**　　　　*P* **125**　　*L* **39**　　# 310
Donahue, Curtis　　　　　　　UNH-IOL

Comment Type **E**　　*Comment Status* **D**
This paragraph has 3 instances of "sixteen". The IEEE style manual stats the numbers less than 10 should be spelt out. To be consistant with other text in this draft and the 802.3 std, change "sixteen" to "16".

SuggestedRemedy
Change all instances of "sixteen" to "16".

Proposed Response　　*Response Status* **W**
PROPOSED ACCEPT.

Cl **129**　　*SC* **129.5**　　　　*P* **126**　　*L* **10**　　# 311
Donahue, Curtis　　　　　　　UNH-IOL

Comment Type **E**　　*Comment Status* **D**
"BT" is used in this paragraph to abbreviate "bit-times". But this is the on;y instance of "BT" I found in the draft. Should be consistant throughout draft.

SuggestedRemedy
Change "BT" to "bit-times"

Proposed Response　　*Response Status* **W**
PROPOSED ACCEPT.

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

Cl **129**
SC **129.5**

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Cl **129**   *SC* **129.7.3**   *P* **128**   *L* **14**   # 312

Donahue, Curtis   UNH-IOL

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

"PCS" is used in the Value column of rows 3 and 4. Two major capabilities should not use the same name.

SuggestedRemedy

Change the "PCS" in row 4 to "BER".

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.

Cl **129**   *SC* **129.7.6.6**   *P* **131**   *L* **25**   # 355

Law, David   HPE

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

Suggest we don't use dashes in PICS item designation.

SuggestedRemedy

Suggest that the item designations LP-0X be changed to read 'LPX'.

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.

Cl **130**   *SC* **130.1**   *P* **133**   *L* **9**   # 251

Healey, Adam   Broadcom Ltd.

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

Clause 45 is not an external cross-reference since it is amended in this draft.

SuggestedRemedy

Make this a live cross-reference to Clause 45 and change the font color to black.

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.

[Editor's note: will show as green until change markings are removed, then it will be black.]

Cl **130**   *SC* **130.6.4**   *P* **138**   *L* **3**   # 314

Donahue, Curtis   UNH-IOL

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

"Global PMD signal detect function" should be "Global_PMD_signal_detect function"

SuggestedRemedy

Change to "Global_PMD_signal_detect function".

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.

Cl **130**   *SC* **130.7.1.4**   *P* **142**   *L* **5**   # 315

Donahue, Curtis   UNH-IOL

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

In Figure 130-3, "SL<p> - SLn<n>".

SuggestedRemedy

Change to "SL<p> - SL<n>".

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.

Cl **130**   *SC* **130.7.1.7**   *P* **144**   *L* **30**   # 209

Lusted, Kent   Intel

Comment Type   **TR**   *Comment Status*   **D**

The rising and falling transition times requirement references v1 and v4. v4 is the pre-emphasis point. v3 is the negative waveform level.

SuggestedRemedy

change "v4" to "v3"

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.

Cl **130**   *SC* **130.7.1.11**   *P* **145**   *L* **29**   # 206

Lusted, Kent   Intel

Comment Type   **ER**   *Comment Status*   **D**

Figure 130-7 has a shadowing feature enabled that reduces readability.

SuggestedRemedy

Remove shadowing.

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.

Cl **130**   *SC* **130.8**   *P* **148**   *L* **10**   # 271

Healey, Adam   Broadcom Ltd.

Comment Type   **TR**   *Comment Status*   **D**

The interconnect characterstics are not defined in Annex 130B.

SuggestedRemedy

Change the reference to Annex 128C.

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.

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

Cl **130**
SC **130.8**

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Cl **130**   *SC* **130.10.4.2**   *P* **150**   *L* **53**   # 7
Laubach, Mark   Broadcom Limited

Comment Type **E**   *Comment Status* **D**
The bottom horizontal line of the table is missing. It needs to be there.

SuggestedRemedy
As per comment.

Proposed Response   *Response Status* **W**
PROPOSED ACCEPT.

Cl **130A**   *SC*   *P* **201**   *L* **6**   # 318
Donahue, Curtis   UNH-IOL

Comment Type **E**   *Comment Status* **D**
Annex title is "5Gb/s Storage Enclosure Interface".

"5Gb/s" in 130A.4 title too.

SuggestedRemedy
Change "5Gb/s" to 5 Gb/s" in both titles.

Proposed Response   *Response Status* **W**
PROPOSED ACCEPT.

Cl **130A**   *SC* **130A**   *P* **201**   *L* **6**   # 70
Anslow, Pete   Ciena

Comment Type **E**   *Comment Status* **D**
"5Gb/s" should be "5 Gb/s" (there is always a space between a number and its unit.)

SuggestedRemedy
Change "5Gb/s" to "5 Gb/s" here and on page 218 lines 2 and 36

Proposed Response   *Response Status* **W**
PROPOSED ACCEPT.

Cl **130A**   *SC* **130A.1**   *P* **202**   *L* **3**   # 87
Calbone, Anthony   Seagate

Comment Type **E**   *Comment Status* **D**
The Figure 130A-2 reference is incorrect.

SuggestedRemedy
Change 130A-2 to 130A-3.

Proposed Response   *Response Status* **W**
PROPOSED ACCEPT.

Cl **130A**   *SC* **130A.2**   *P* **204**   *L* **10**   # 10
Laubach, Mark   Broadcom Limited

Comment Type **E**   *Comment Status* **D**
Line 10 and 25. Text is running into lines. Maintain slightly larger visual separation to avoid
collision.

Almost same for Figure 130A–5 on Page 205.

SuggestedRemedy
As per comment.

Proposed Response   *Response Status* **W**
PROPOSED ACCEPT.

Cl **130A**   *SC* **130A.2**   *P* **205**   *L* **20**   # 265
Healey, Adam   Broadcom Ltd.

Comment Type **TR**   *Comment Status* **D**
In the second part of the figure, it seems the test point at the PMD receiver function should
be TP5H-D. the test point at the connection interface should be TP4H-D, the "Tx PCB"
should be "Rx PCB", and the AC coupling capacitors shown between the TP4 and TP5.

SuggestedRemedy
Modify the figure per the comment.

Proposed Response   *Response Status* **W**
PROPOSED ACCEPT.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general   *Cl* **130A**   Page 30 of 34
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn   *SC* **130A.2**   9/14/2016 8:48:19 AM
SORT ORDER: Clause, Subclause, page, line

Cl **130A**　　*SC* **130A.3.1**　　　　*P* **206**　　*L* **7**　　　　# 89

Calbone, Anthony　　　　　　　　　Seagate

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

The Units column is not wide enough for the title Units, so the "s" is on a second line.

SuggestedRemedy

Widen Units column so the whole word fits into one line.

Proposed Response　　　*Response Status* **W**

PROPOSED ACCEPT.

Cl **130A**　　*SC* **130A.3.1**　　　　*P* **206**　　*L* **9**　　　　# 90

Calbone, Anthony　　　　　　　　　Seagate

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

There is no subclause reference

SuggestedRemedy

Add 130A.3.1.1 to signaling rate Subclause reference

Proposed Response　　　*Response Status* **W**

PROPOSED ACCEPT.

Cl **130A**　　*SC* **130A.3.1**　　　　*P* **206**　　*L* **10**　　　　# 91

Calbone, Anthony　　　　　　　　　Seagate

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

There is no subclause reference

SuggestedRemedy

Add 130A.3.1.2 to DC CMV Subclause reference

Proposed Response　　　*Response Status* **W**

PROPOSED ACCEPT.

Cl **130A**　　*SC* **130A.3.1**　　　　*P* **206**　　*L* **12**　　　　# 92

Calbone, Anthony　　　　　　　　　Seagate

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

There is no subclause reference

SuggestedRemedy

Add 130A.3.1.2 to AC CMV Subclause reference

Proposed Response　　　*Response Status* **W**

PROPOSED ACCEPT.

Cl **130A**　　*SC* **130A.3.1**　　　　*P* **206**　　*L* **14**　　　　# 93

Calbone, Anthony　　　　　　　　　Seagate

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

There is no subclause reference

SuggestedRemedy

Add 130A.3.1.2 to pk-pk transmitter disabled Subclause reference

Proposed Response　　　*Response Status* **W**

PROPOSED ACCEPT.

Cl **130A**　　*SC* **130A.3.1**　　　　*P* **206**　　*L* **15**　　　　# 94

Calbone, Anthony　　　　　　　　　Seagate

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

There is no subclause reference

SuggestedRemedy

Add 130A.3.1.2 to pk-pk transmitter enabled Subclause reference

Proposed Response　　　*Response Status* **W**

PROPOSED ACCEPT.

Cl **130A**　　*SC* **130A.3.1**　　　　*P* **206**　　*L* **17**　　　　# 95

Calbone, Anthony　　　　　　　　　Seagate

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

There is no subclause reference

SuggestedRemedy

Add 130A.3.1.3 to return loss Subclause reference

Proposed Response　　　*Response Status* **W**

PROPOSED ACCEPT.

Cl **130A**　　*SC* **130A.3.1**　　　　*P* **206**　　*L* **20**　　　　# 101

Calbone, Anthony　　　　　　　　　Seagate

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

The mV units are slightly off of the Values

SuggestedRemedy

Move the mV's down a bit

Proposed Response　　　*Response Status* **W**

PROPOSED ACCEPT.

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

Cl **130A**
SC **130A.3.1**

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Cl **130A**　　　*SC* **130A.3.1**　　　　　　*P* **206**　　　　*L* **20**　　　　　# 96

Calbone, Anthony　　　　　　　　　　　Seagate

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

There is no subclause reference

SuggestedRemedy

Add 130A.3.1.4.2 to vf(max) Subclause reference

Proposed Response　　　　*Response Status*　**W**

PROPOSED ACCEPT.

Cl **130A**　　　*SC* **130A.3.1**　　　　　　*P* **206**　　　　*L* **21**　　　　　# 98

Calbone, Anthony　　　　　　　　　　　Seagate

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

There is no subclause reference

SuggestedRemedy

Add 130A.3.1.4.2 linear fit pulse peak (min) Subclause reference

Proposed Response　　　　*Response Status*　**W**

PROPOSED ACCEPT.

Cl **130A**　　　*SC* **130A.3.1**　　　　　　*P* **206**　　　　*L* **21**　　　　　# 97

Calbone, Anthony　　　　　　　　　　　Seagate

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

There is no subclause reference

SuggestedRemedy

Add 130A.3.1.4.2 to vf(min) Subclause reference

Proposed Response　　　　*Response Status*　**W**

PROPOSED ACCEPT.

Cl **130A**　　　*SC* **130A.3.1**　　　　　　*P* **206**　　　　*L* **24**　　　　　# 99

Calbone, Anthony　　　　　　　　　　　Seagate

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

There is no subclause reference

SuggestedRemedy

Add 130A.3.1.6 to all Jitter Subclause references

Proposed Response　　　　*Response Status*　**W**

PROPOSED ACCEPT.

Cl **130A**　　　*SC* **130A.3.1**　　　　　　*P* **206**　　　　*L* **28**　　　　　# 100

Calbone, Anthony　　　　　　　　　　　Seagate

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

There is no subclause reference

SuggestedRemedy

Add 130A.3.1.7 to txsndr Subclause reference

Proposed Response　　　　*Response Status*　**W**

PROPOSED ACCEPT.

Cl **130A**　　　*SC* **130A.3.1.1**　　　　*P* **206**　　　　*L* **37**　　　　　# 130

Smith, Daniel　　　　　　　　　　　　Seagate

Comment Type　**ER**　　　*Comment Status*　**D**

Overbar on the decimal 193.93

SuggestedRemedy

remove the overbar

Proposed Response　　　　*Response Status*　**W**

PROPOSED ACCEPT.

Cl **130A**　　　*SC* **130A.3.1.1**　　　　*P* **206**　　　　*L* **37**　　　　　# 31

Hajduczenia, Marek　　　　　　　　　Charter Communicatio

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

Odd dash over "93" in 192.93 ps statement

SuggestedRemedy

Make sure dash is removed

Proposed Response　　　　*Response Status*　**W**

PROPOSED ACCEPT.

Cl **130A**　　　*SC* **130A.3.1.4.2**　　　*P* **209**　　　　*L* **1**　　　　　# 102

Calbone, Anthony　　　　　　　　　　　Seagate

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

The is not a period after the 1st sentence.

SuggestedRemedy

Add a period after 130A.3.1.4.1.

Proposed Response　　　　*Response Status*　**W**

PROPOSED ACCEPT.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general　　　　　*Cl* **130A**　　　Page 32 of 34
COMMENT STATUS: D/dispatched A/accepted R/rejected　　RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn　　*SC* **130A.3.1.4.2**　　9/14/2016 8:48:19 AM
SORT ORDER: Clause, Subclause, page, line

Cl **130A**   *SC* **130A.3.2**   *P* **209**   *L* **40**   # 103
Calbone, Anthony   Seagate

Comment Type   **E**   *Comment Status*   **D**
   The Units column is not wide enough for the title Units, so the "s" is on a second line.

SuggestedRemedy
   Widen Units column so the whole word fits into one line.

Proposed Response   *Response Status*   **W**
   PROPOSED ACCEPT.

Cl **130A**   *SC* **130A.3.2.2**   *P* **209**   *L* **53**   # 11
Laubach, Mark   Broadcom Limited

Comment Type   **E**   *Comment Status*   **D**
   Orphan subtitle. Keep with next few lines.

SuggestedRemedy
   As per comment.

Proposed Response   *Response Status*   **W**
   PROPOSED ACCEPT.

Cl **130A**   *SC* **130A.3.2.2**   *P* **211**   *L* **13**   # 12
Laubach, Mark   Broadcom Limited

Comment Type   **E**   *Comment Status*   **D**
   Right side of box is missing. Fix.

SuggestedRemedy
   As per comment.

Proposed Response   *Response Status*   **W**
   PROPOSED ACCEPT.

Cl **130A**   *SC* **130A.3.2.3**   *P* **211**   *L* **35**   # 104
Calbone, Anthony   Seagate

Comment Type   **E**   *Comment Status*   **D**
   The reference to Table 130A-10

SuggestedRemedy
   Change Table 130A-10 to Figure 130A-10

Proposed Response   *Response Status*   **W**
   PROPOSED ACCEPT.

Cl **130A**   *SC* **130A.3.3**   *P* **213**   *L* **9**   # 106
Calbone, Anthony   Seagate

Comment Type   **E**   *Comment Status*   **D**
   The Units column is not wide enough for the title Units, so the "s" is on a second line.

SuggestedRemedy
   Widen Units column so the whole word fits into one line.

Proposed Response   *Response Status*   **W**
   PROPOSED ACCEPT.

Cl **130A**   *SC* **130A.3.3.2**   *P* **213**   *L* **46**   # 107
Calbone, Anthony   Seagate

Comment Type   **E**   *Comment Status*   **D**
   There is an extra parenthesis around p(k)

SuggestedRemedy
   Remove the extra parathesis. Change p(k)) to p(k).

Proposed Response   *Response Status*   **W**
   PROPOSED ACCEPT.

Cl **130A**   *SC* **130A.3.4**   *P* **214**   *L* **10**   # 108
Calbone, Anthony   Seagate

Comment Type   **E**   *Comment Status*   **D**
   The Units column is not wide enough for the title Units, so the "s" is on a second line.

SuggestedRemedy
   Widen Units column so the whole word fits into one line.

Proposed Response   *Response Status*   **W**
   PROPOSED ACCEPT.

Cl **130A**   *SC* **130A.3.4**   *P* **214**   *L* **10**   # 13
Laubach, Mark   Broadcom Limited

Comment Type   **E**   *Comment Status*   **D**
   Adjust column size to avoid breaking "s" of "Units" onto separate line.

SuggestedRemedy
   As per comment.

Proposed Response   *Response Status*   **W**
   PROPOSED ACCEPT.

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

Cl **130A**
SC **130A.3.4**

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Cl **130A**   *SC* **130A.4.4.3**   *P* **220**   *L* **19**   # 68
Anslow, Pete   Ciena

Comment Type **E**   *Comment Status* **D**
The IEEE style manual says "A multiplication sign (×), not the letter "x"" should be used for a multiply sign.

SuggestedRemedy
Replace the "x" with a multiply sign (Ctrl-q 0).
Check the draft for other instances.

Proposed Response   *Response Status* **W**
PROPOSED ACCEPT.

Cl **130B**   *SC* **130B.1**   *P* **221**   *L* **17**   # 320
Donahue, Curtis   UNH-IOL

Comment Type **E**   *Comment Status* **D**
"Channel".

SuggestedRemedy
Change to "channel" (lowercase). Also in 128B.1.

Proposed Response   *Response Status* **W**
PROPOSED ACCEPT.

Cl **130B**   *SC* **130B.2.2**   *P* **222**   *L* **35**   # 321
Donahue, Curtis   UNH-IOL

Comment Type **E**   *Comment Status* **D**
"ILTC" should be "IL_TC" where "_" represents subscript text.

Also in 128B.2.2.

SuggestedRemedy
Change "ILTC" to IL_TC" in both locations.

Proposed Response   *Response Status* **W**
PROPOSED ACCEPT.

Cl **130B**   *SC* **130B.3**   *P* **223**   *L* **38**   # 322
Donahue, Curtis   UNH-IOL

Comment Type **E**   *Comment Status* **D**
"2.5GBASE-KX" should be "5GBASE-KR".

SuggestedRemedy
Change to "5GBASE-KR"

Proposed Response   *Response Status* **W**
PROPOSED ACCEPT.

Cl **130B**   *SC* **130B.3**   *P* **223**   *L* **43**   # 323
Donahue, Curtis   UNH-IOL

Comment Type **E**   *Comment Status* **D**
Looks like this sentence is missing a subclause reference, "in for 5GBASE-KR".

SuggestedRemedy
Change to "in 130.7.2.1 for 5GBASE-KR."

Proposed Response   *Response Status* **W**
PROPOSED ACCEPT.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general   *Cl* **130B**   Page 34 of 34
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn   *SC* **130B.3**   9/14/2016 8:48:19 AM
SORT ORDER: Clause, Subclause, page, line