---

*Cl* **45**    *SC* **45.2.1.134**    *P* **30**    *L* **46**    # 6

Torres, Luisma    KDPOF

*Comment Type* **E**    *Comment Status* **D**    *Bad reference*

"… and advertised by register 135." Register 135 seems an error.

*SuggestedRemedy*

Replace with register 1.72

*Proposed Response*    *Response Status* **W**

PROPOSED ACCEPT.

---

*Cl* **45**    *SC* **45.2.1.134**    *P* **30**    *L* **47**    # 8

Torres, Luisma    KDPOF

*Comment Type* **E**    *Comment Status* **D**    *Bad reference*

"Register 135" seems a typo. Also in the table on p.41, l.11 (MM230).

*SuggestedRemedy*

Replace with register 1.72

*Proposed Response*    *Response Status* **W**

PROPOSED ACCEPT.

---

*Cl* **45**    *SC* **45.2.3.80a.1**    *P* **32**    *L* **50**    # 9

Torres, Luisma    KDPOF

*Comment Type* **E**    *Comment Status* **D**    *Bad reference*

Typo: TXO_REQ is not 3.2335.15

*SuggestedRemedy*

Correct to register 3.2330 in the title, and in the text on lines 51-53 (another 3 occurrences).

*Proposed Response*    *Response Status* **W**

PROPOSED ACCEPT.

---

*Cl* **45**    *SC* **45.2.3.80e.1**    *P* **39**    *L* **33**    # 16

Torres, Luisma    KDPOF

*Comment Type* **E**    *Comment Status* **D**    *Bad reference*

"Link margin is defined in 166.3.5.1 and ...", but in 166.3.5.2 "The link margin is defined … with a quality specified in 166.3.5.1"

*SuggestedRemedy*

Change the reference to 166.3.5.2

*Proposed Response*    *Response Status* **W**

PROPOSED ACCEPT.

---

*Cl* **45**    *SC* **45.2.3.80f.1**    *P* **40**    *L* **4**    # 17

Torres, Luisma    KDPOF

*Comment Type* **E**    *Comment Status* **D**    *Bad reference*

"Link margin is defined in 166.3.5.1 and ...", but in 166.3.5.2 "The link margin is defined … with a quality specified in 166.3.5.1"

*SuggestedRemedy*

Change the reference to 166.3.5.2

*Proposed Response*    *Response Status* **W**

PROPOSED ACCEPT.

---

*Cl* **45**    *SC* **45.2.1.3**    *P* **41**    *L* **10**    # 3

Torres, Luisma    KDPOF

*Comment Type* **E**    *Comment Status* **D**    *Bad reference*

Inside the table, a reference to register 135.

*SuggestedRemedy*

Replace with register 1.72

*Proposed Response*    *Response Status* **W**

PROPOSED ACCEPT.

---

*Cl* **105**    *SC* **105.5**    *P* **50**    *L* **41**    # 20

Torres, Luisma    KDPOF

*Comment Type* **E**    *Comment Status* **D**    *Bad reference*

Inside the table, in the notes column "See ." without reference.

*SuggestedRemedy*

Add missing reference 166.13.

*Proposed Response*    *Response Status* **W**

PROPOSED ACCEPT.

---

*Cl* **105**    *SC* **105.7**    *P* **51**    *L* **6**    # 21

Torres, Luisma    KDPOF

*Comment Type* **E**    *Comment Status* **D**    *Bad reference*

"Clause 112, Clause 114, Clause 300 ..."

*SuggestedRemedy*

Change to Clause 166.

*Proposed Response*    *Response Status* **W**

PROPOSED ACCEPT.

---

TYPE: TR/technical required  ER/editorial required  GR/general required  T/technical  E/editorial  G/general    *Topic* **Bad reference**    Page 1 of 10
COMMENT STATUS: D/dispatched  A/accepted  R/rejected    RESPONSE STATUS: O/open  W/written  C/closed  Z/withdrawn    07/06/2021  17:03:05
SORT ORDER: Topic

*Cl* **125**     *SC* **125.3**          *P* **56**       *L* **16**       # 24

Torres, Luisma                          KDPOF

*Comment Type*   **E**       *Comment Status*  **D**                          *Bad reference*

Inside the table, in the notes column "See ." without reference.

*SuggestedRemedy*

Add missing reference 166.13.

*Proposed Response*      *Response Status*  **W**

PROPOSED ACCEPT.

---

*Cl* **125**     *SC* **125.3**          *P* **56**       *L* **24**       # 25

Torres, Luisma                          KDPOF

*Comment Type*   **E**       *Comment Status*  **D**                          *Bad reference*

Inside the table, in the notes column "See ." without reference.

*SuggestedRemedy*

Add missing reference 166.13.

*Proposed Response*      *Response Status*  **W**

PROPOSED ACCEPT.

---

*Cl* **131**     *SC* **131.4**          *P* **61**       *L* **18**       # 29

Torres, Luisma                          KDPOF

*Comment Type*   **E**       *Comment Status*  **D**                          *Bad reference*

Inside the table, in the notes column "See 300.12."

*SuggestedRemedy*

Change to Clause 166.

*Proposed Response*      *Response Status*  **W**

PROPOSED ACCEPT.

---

*Cl* **166**     *SC* **166.2.1**          *P* **68**       *L* **34**       # 34

Torres, Luisma                          KDPOF

*Comment Type*   **E**       *Comment Status*  **D**                          *Bad reference*

"Table 166-2A (see 166.2.2.1.2)". Table is 166-2, and it is defined in section 166.2.2.1.1.
Section 166.2.2.1.2 describes PHD all data path stages.

*SuggestedRemedy*

Delete "A" in "Table 166-2A" and substitute "168.2.2.1.2" by "168.2.2.1.1".

*Proposed Response*      *Response Status*  **W**

PROPOSED ACCEPT.

---

*Cl* **166**     *SC* **166.2.2.1.1**          *P* **70**       *L* **12**       # 40

Torres, Luisma                          KDPOF

*Comment Type*   **E**       *Comment Status*  **D**                          *Bad reference*

Wrong register number for PCS Status 3.

*SuggestedRemedy*

Replace 3.525.7:0 with 3.2351.7:0

*Proposed Response*      *Response Status*  **W**

PROPOSED ACCEPT.

---

*Cl* **45**     *SC* **45.2.3.80a.5**          *P* **34**       *L* **7**       # 11

Torres, Luisma                          KDPOF

*Comment Type*   **T**       *Comment Status*  **D**                          *Clarification-Technical*

The "protocol number" format is not specified.

*SuggestedRemedy*

Complete the last sentence:
"The protocol number and the content of TXO_DATA2 to TXO_DATA8 shall be vendor
specific to the assignee of the OUI or CID"

*Proposed Response*      *Response Status*  **W**

PROPOSED ACCEPT.

---

*Cl* **45**     *SC* **45.2.3.80b**          *P* **34**       *L* **33**       # 13

Torres, Luisma                          KDPOF

*Comment Type*   **T**       *Comment Status*  **D**                          *Clarification-Technical*

RXO_DATA0 register is described as  "message data type information". However, in
transmission table, TXO_DATA0 entry is defined as message first 12 bits, and in clause
45.2.380a.5 registers TXO_DATA0 and TXO_DATA1 contain a 28-bit BASE-U OAM
protocol iden

*SuggestedRemedy*

Replace by "Receive BASE-U OAM message first 12 bits"

*Proposed Response*      *Response Status*  **W**

PROPOSED ACCEPT.

---

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

*Topic*  **Clarification-Te**    Page 2 of 10
07/06/2021  17:03:05

---

*Cl* **166**     *SC* **166.2.2.1.1**     *P* **69**     *L* **25**     *#* 39

Torres, Luisma     KDPOF

*Comment Type* **T**     *Comment Status* **D**     *Clarification-Technical*

Field PHD.TX.NEXT.MODE is not explained, contains a "TBD" reference and is only generically mentioned on p.71 l.12-13, with no clear meaning.

*SuggestedRemedy*

Add editor note and link the specification to the approval of test modes baseline.

*Proposed Response*     *Response Status* **W**

PROPOSED ACCEPT.

---

*Cl* **166**     *SC* **166.2.2.5**     *P* **75**     *L* **27**     *#* 43

Torres, Luisma     KDPOF

*Comment Type* **E**     *Comment Status* **D**     *Clarification-Technical*

"value of 0x0FB9659 at the …, where the leftmost digit correponds to the initial value of the register element r[0]". r[0:3]=0 r[4:7]=F r[8:11]=B r[12:15]=9 … or r[0:3]=7 r[4:7]=D r[8:11]=C r[12:15]=B … or r[3:0]=9 r[7:4]=5 r[11:8]=6 r[15:12]=9 …

*SuggestedRemedy*

Add the following sentence after "where the leftmost digit corresponds to the initial value of the register element r[0].": "Therefore, the rightmost bit of the rightmost digit corresponds to the initial value of register element r[24] "

*Proposed Response*     *Response Status* **W**

PROPOSED ACCEPT.

---

*Cl* **166**     *SC* **166.2.5.5.5**     *P* **81**     *L* **29**     *#* 45

Torres, Luisma     KDPOF

*Comment Type* **E**     *Comment Status* **D**     *Clarification-Technical*

In text: "A LBLOCK_T containing two local fault ordered set is transmitted when the PCS transmit process is in training mode" It would be better to say "Continuous LBLOCK_T" or "Consecutive LBLOCK_T" instead of "A LBLOCK_T".

*SuggestedRemedy*

Replace "A LBLOCK_T … is transmitted" by "Continuous L_BLOCK_T … are transmitted"

*Proposed Response*     *Response Status* **W**

PROPOSED ACCEPT.

---

*Cl* **1**     *SC* **1.4.389**     *P* **20**     *L* **58**     *#* 56

Wienckowski, Natalie     General Motors

*Comment Type* **E**     *Comment Status* **D**     *Editing instructions*

This section is out of order.

*SuggestedRemedy*

Move this to the end of subclause 1.4 as these should be in order and 389 is the highest subclause number in 1.4.

*Proposed Response*     *Response Status* **W**

PROPOSED ACCEPT IN PRINCIPLE.  To be changed when updating the editing instructions to refer to the new 802.3 draft.

---

*Cl* **30**     *SC* **30.5.1.1.2**     *P* **23**     *L* **32**     *#* 57

Wienckowski, Natalie     General Motors

*Comment Type* **E**     *Comment Status* **D**     *Editing instructions*

1000BASE-T1 is in IEEE802.3-2018.  802.3ca did not add any 1000BASE PHYs.  The editor's instructions are not correct.

*SuggestedRemedy*

Delete:  (as modified by IEEE Std 802.3ca-2020)

*Proposed Response*     *Response Status* **W**

PROPOSED ACCEPT IN PRINCIPLE.  To be changed when updating the editing instructions to refer to the new 802.3 draft.

---

*Cl* **30**     *SC* **30.5.1.1.2**     *P* **23**     *L* **37**     *#* 58

Wienckowski, Natalie     General Motors

*Comment Type* **E**     *Comment Status* **D**     *Editing instructions*

2.5GBASE-T1 was added by ch, not ca.
I have added other editor's instructions that refer to ca when it should be ch.

*SuggestedRemedy*

Change: (as modified by IEEE Std 802.3ca-2020)
To:  (as modified by IEEE Std 802.3ch-2020)
Also on lines 41 and 46.
Also on P25L3, P26L1, P26L11, P26L23, P27L31, P32L9, P44L14, P44L44, P44L51, P52L12, P52L20, P52L34, P54L3, P55L1, P55L40, P55L46, P55L50, P56L5,

*Proposed Response*     *Response Status* **W**

PROPOSED ACCEPT IN PRINCIPLE.  To be changed when updating the editing instructions to refer to the new 802.3 draft.

---

TYPE: TR/technical required  ER/editorial required  GR/general required  T/technical  E/editorial  G/general     *Topic* **Editing instruct**     Page 3 of 10
COMMENT STATUS: D/dispatched  A/accepted  R/rejected     RESPONSE STATUS: O/open  W/written  C/closed  Z/withdrawn     07/06/2021  17:03:05
SORT ORDER: Topic

---

*Cl* **30**    *SC* **30.5.1.1.2**    *P* **23**    *L* **46**    # **59**

Wienckowski, Natalie        General Motors

*Comment Type* **E**    *Comment Status* **D**    *Editing instructions*

10GBASE-PR-U4 is in IEEE802.3-2018. 802.3ca did not add any 10GBASE PHYs. The editor's instructions are not correct.

*SuggestedRemedy*

Delete: (as modified by IEEE Std 802.3ca-2020)

*Proposed Response*    *Response Status* **W**

PROPOSED ACCEPT IN PRINCIPLE. To be changed when updating the editing instructions to refer to the new 802.3 draft.

---

*Cl* **30**    *SC* **30.5.1.1.2**    *P* **23**    *L* **50**    # **60**

Wienckowski, Natalie        General Motors

*Comment Type* **E**    *Comment Status* **D**    *Editing instructions*

40GBASE-T is in IEEE802.3-2018. 802.3ca did not add any 40GBASE PHYs. The editor's instructions are not correct.

*SuggestedRemedy*

Delete: (as modified by IEEE Std 802.3ca-2020)

*Proposed Response*    *Response Status* **W**

PROPOSED ACCEPT IN PRINCIPLE. To be changed when updating the editing instructions to refer to the new 802.3 draft.

---

*Cl* **45**    *SC* **45.2.1.6**    *P* **29**    *L* **47**    # **4**

Torres, Luisma        KDPOF

*Comment Type* **E**    *Comment Status* **D**    *Editing instructions*

Typo in editorial indications. New subclause 45.2.1.23aa and Table 45-26aa are announced but not inserted.

*SuggestedRemedy*

Assuming typo: the new subclause and table are respetively 45.2.1.54a and 45-52a. Correct editorial indications.

*Proposed Response*    *Response Status* **W**

PROPOSED ACCEPT IN PRINCIPLE. To be changed when updating the editing instructions to refer to the new 802.3 draft.

---

*Cl* **45**    *SC* **45.2.1.134**    *P* **30**    *L* **36**    # **5**

Torres, Luisma        KDPOF

*Comment Type* **E**    *Comment Status* **D**    *Editing instructions*

Conflicting numbering. Text on l.36 refers to subclause 45.2.1.134aa but heading is 45.2.1.134a.

*SuggestedRemedy*

Correct heading number to 45.2.1.134aa.

*Proposed Response*    *Response Status* **W**

PROPOSED ACCEPT IN PRINCIPLE. To be changed when updating the editing instructions to refer to the new 802.3 draft.

---

*Cl* **45**    *SC* **45.2**    *P* **40**    *L* **28**    # **61**

Wienckowski, Natalie        General Motors

*Comment Type* **E**    *Comment Status* **D**    *Editing instructions*

Incorrect subclause number

*SuggestedRemedy*

This should be 45.5. All subclauses also need to be corrected to 45.5.x

*Proposed Response*    *Response Status* **W**

PROPOSED ACCEPT IN PRINCIPLE. To be changed when updating the editing instructions to refer to the new 802.3 draft.

---

*Cl* **45**    *SC* **45.2.1**    *P* **40**    *L* **31**    # **62**

Wienckowski, Natalie        General Motors

*Comment Type* **E**    *Comment Status* **D**    *Editing instructions*

Incorrect subclause number

*SuggestedRemedy*

Should be 45.5.3

*Proposed Response*    *Response Status* **W**

PROPOSED ACCEPT IN PRINCIPLE. To be changed when updating the editing instructions to refer to the new 802.3 draft.

---

TYPE: TR/technical required  ER/editorial required  GR/general required  T/technical  E/editorial  G/general    *Topic* **Editing instruct**    Page 4 of 10
COMMENT STATUS: D/dispatched  A/accepted  R/rejected    RESPONSE STATUS: O/open  W/written  C/closed  Z/withdrawn    07/06/2021  17:03:05
SORT ORDER: Topic

---

*Cl* **45**     *SC* **45.2.1.2**     *P* **40**     *L* **38**     # **63**

Wienckowski, Natalie     General Motors

*Comment Type* **E**     *Comment Status* **D**     *Editing instructions*

Incorrect subclause number - The correct subclause is in the editor's instructions, but ca didn't modify this subclause.

*SuggestedRemedy*

Should be 45.5.3.2.
Delete reference to ca as it doesn't include this subclause.  I don't know if another ammendment includes this or not.

*Proposed Response*     *Response Status* **W**

PROPOSED ACCEPT IN PRINCIPLE.  To be changed when updating the editing instructions to refer to the new 802.3 draft.

---

*Cl* **45**     *SC* **45.2.1.3**     *P* **40**     *L* **50**     # **64**

Wienckowski, Natalie     General Motors

*Comment Type* **E**     *Comment Status* **D**     *Editing instructions*

Incorrect subclause number
ca added M230, so cz should add MM231 and 232

*SuggestedRemedy*

Should be 45.5.3.3
P41L1 Change:  Insert PICS items MM230 through MM231
To:   Insert PICS items MM231 through MM231
Change:  (as modified by IEEE Std 802.3ch-2020)
To:  (as modified by IEEE Std 802.3ca-2020)
Change MM230 to MM231 and MM231 to MM232.

*Proposed Response*     *Response Status* **W**

PROPOSED ACCEPT IN PRINCIPLE.  To be changed when updating the editing instructions to refer to the new 802.3 draft.

---

*Cl* **45**     *SC* **45.2.1.7**     *P* **41**     *L* **20**     # **66**

Wienckowski, Natalie     General Motors

*Comment Type* **E**     *Comment Status* **D**     *Editing instructions*

Incorrect subclause number

*SuggestedRemedy*

Should be 45.5.3.7

*Proposed Response*     *Response Status* **W**

PROPOSED ACCEPT IN PRINCIPLE.  To be changed when updating the editing instructions to refer to the new 802.3 draft.

---

*Cl* **45**     *SC* **45.2.1.6**     *P* **41**     *L* **20**     # **65**

Wienckowski, Natalie     General Motors

*Comment Type* **E**     *Comment Status* **D**     *Editing instructions*

Incorrect subclause number

*SuggestedRemedy*

Should be 45.5.3.6
Delete reference to ca as it doesn't include this subclause.  I don't know if another ammendment includes this or not.

*Proposed Response*     *Response Status* **W**

PROPOSED ACCEPT IN PRINCIPLE.  To be changed when updating the editing instructions to refer to the new 802.3 draft.

---

*Cl* **00**     *SC* **0**     *P* **8**     *L*     # **55**

Wienckowski, Natalie     General Motors

*Comment Type* **E**     *Comment Status* **D**     *Editorial-Layout*

There should not be any blank pages.

*SuggestedRemedy*

Delete pages 8, 13, 57, and 62 which are blank.

*Proposed Response*     *Response Status* **W**

PROPOSED ACCEPT.

---

*Cl* **131**     *SC* **Figure 131-1**     *P* **58**     *L* **37**     # **67**

Grow, Robert     RMG Consulting/KDPOF

*Comment Type* **E**     *Comment Status* **D**     *Editorial-Layout*

List of expansions is not consistent with P802.3/D1.0.  Font size appears larger, but where are the missing rows?

*SuggestedRemedy*

Make list of expansions consistent

*Proposed Response*     *Response Status* **W**

PROPOSED ACCEPT. See comment #26

---

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

*Topic*   **Editorial-Layou**     Page 5 of 10
07/06/2021  17:03:05

*Cl* **131**      *SC* **131.1.2**      *P* **58**      *L* **37**      # **26**

Torres, Luisma                          KDPOF

*Comment Type*  **E**      *Comment Status*  **D**                          *Editorial-Layout*

Confusing layout of the legend in Figure 131-1.

*SuggestedRemedy*

Revise for readability (smaller character size?).

*Proposed Response*        *Response Status*  **W**

PROPOSED ACCEPT IN PRINCIPLE. Due to the template update, the size of the font was increased and part of the legend is not readeable.

*Cl* **1**      *SC* **1.4**      *P* **22**      *L* **51**      # **1**

Torres, Luisma                          KDPOF

*Comment Type*  **E**      *Comment Status*  **D**                          *Grammar and syntax*

Expression: "to exchange control".

*SuggestedRemedy*

Eg. "to exchange control data" or "to exchange control information".

*Proposed Response*        *Response Status*  **W**

PROPOSED ACCEPT.

*Cl* **45**      *SC* **45.2.1.134**      *P* **30**      *L* **46**      # **7**

Torres, Luisma                          KDPOF

*Comment Type*  **E**      *Comment Status*  **D**                          *Grammar and syntax*

Typo: "only one of the mode of operation".

*SuggestedRemedy*

Replace: "...modes of operation".

*Proposed Response*        *Response Status*  **W**

PROPOSED ACCEPT.

*Cl* **45**      *SC* **45.2.3.80a.5**      *P* **34**      *L* **3**      # **10**

Torres, Luisma                          KDPOF

*Comment Type*  **E**      *Comment Status*  **D**                          *Grammar and syntax*

Typo: "Bits … contains". Also "and registers … contains".

*SuggestedRemedy*

Replace: "Bits… contain" and "registers … contain".

*Proposed Response*        *Response Status*  **W**

PROPOSED ACCEPT.

*Cl* **45**      *SC* **45.2.3.80b**      *P* **34**      *L* **17**      # **12**

Torres, Luisma                          KDPOF

*Comment Type*  **E**      *Comment Status*  **D**                          *Grammar and syntax*

Typo: "Registers … contains".

*SuggestedRemedy*

Replace: "Registers … contain".

*Proposed Response*        *Response Status*  **W**

PROPOSED ACCEPT.

*Cl* **45**      *SC* **45.2.3.80b.3**      *P* **35**      *L* **11**      # **14**

Torres, Luisma                          KDPOF

*Comment Type*  **E**      *Comment Status*  **D**                          *Grammar and syntax*

Typo: "Bits … contains".

*SuggestedRemedy*

Replace: "Bits… contain".

*Proposed Response*        *Response Status*  **W**

PROPOSED ACCEPT.

*Cl* **45**      *SC* **45.2.3.80d.11**      *P* **38**      *L* **40**      # **15**

Torres, Luisma                          KDPOF

*Comment Type*  **E**      *Comment Status*  **D**                          *Grammar and syntax*

Expression (use of "both" and "either").

*SuggestedRemedy*

Remove "both", or change eg to: "indicates both that the remote PHY has BASE-U OAM capability and that the BASE-U OAM is enabled". Same in l.47.
Also on l.42 and l.48, would prefer eg: "indicates either that the remote PHY does not have BASE-U OAM ability

*Proposed Response*        *Response Status*  **W**

PROPOSED ACCEPT.

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

*Topic*  **Grammar and s**    Page 6 of 10
07/06/2021  17:03:05

---

*Cl* **45**      *SC* **45.2.1.3**      *P* **41**      *L* **8**      *#* 18

Torres, Luisma      KDPOF

*Comment Type* **E**      *Comment Status* **D**      *Grammar and syntax*

Typo: "only one of the mode of operation"

*SuggestedRemedy*

Replace: "...modes of operation".

*Proposed Response*      *Response Status* **W**

PROPOSED ACCEPT.

---

*Cl* **131**      *SC* **131.1.3**      *P* **59**      *L* **3**      *#* 27

Torres, Luisma      KDPOF

*Comment Type* **E**      *Comment Status* **D**      *Grammar and syntax*

Typo in editorial indications: "a new paragraphs".

*SuggestedRemedy*

Replace with "a new paragraph".

*Proposed Response*      *Response Status* **W**

PROPOSED ACCEPT.

---

*Cl* **166**      *SC* **166.1.4**      *P* **66**      *L* **8**      *#* 31

Torres, Luisma      KDPOF

*Comment Type* **E**      *Comment Status* **D**      *Grammar and syntax*

Typo: "time division multiplexing these two".

*SuggestedRemedy*

Replace with "time division multiplexing of these two".

*Proposed Response*      *Response Status* **W**

PROPOSED ACCEPT.

---

*Cl* **166**      *SC* **166.1.4**      *P* **66**      *L* **10**      *#* 32

Torres, Luisma      KDPOF

*Comment Type* **E**      *Comment Status* **D**      *Grammar and syntax*

Expression: unnecessarily confusing "repeatedly".

*SuggestedRemedy*

Remove "repeatedly" or clarify meaning.

*Proposed Response*      *Response Status* **W**

PROPOSED ACCEPT.

---

*Cl* **166**      *SC* **166.1.4**      *P* **66**      *L* **18**      *#* 33

Torres, Luisma      KDPOF

*Comment Type* **E**      *Comment Status* **D**      *Grammar and syntax*

The text says: "Each encoded PHD sub-block is placed in the Transmit Block after a group of payload blocks." However, payload blocks have not been defined at this point.

*SuggestedRemedy*

Replace "payload blocks" by "65-bit blocks containing payload"

*Proposed Response*      *Response Status* **W**

PROPOSED ACCEPT.

---

*Cl* **166**      *SC* **166.2.2.1.4**      *P* **72**      *L* **38**      *#* 41

Torres, Luisma      KDPOF

*Comment Type* **E**      *Comment Status* **D**      *Grammar and syntax*

The sentence "Each of the 240 information bits…" the word "each" should be replaced by "each one".

*SuggestedRemedy*

Replace by "Each one of the 240 information bits…"

*Proposed Response*      *Response Status* **W**

PROPOSED ACCEPT.

---

*Cl* **166**      *SC* **166.2.2.3**      *P* **73**      *L* **14**      *#* 42

Torres, Luisma      KDPOF

*Comment Type* **E**      *Comment Status* **D**      *Grammar and syntax*

Wrong syntax in sentence: "The RS-FEC message is 5220 length"

*SuggestedRemedy*

Replace by "The RS-FEC message is 5220 long"

*Proposed Response*      *Response Status* **W**

PROPOSED ACCEPT.

---

*Cl* **166**      *SC* **166.2.6.1.2**      *P* **83**      *L* **4**      *#* 46

Torres, Luisma      KDPOF

*Comment Type* **E**      *Comment Status* **D**      *Grammar and syntax*

T_TYPE_NEXT is not used in the Figure 166-13

*SuggestedRemedy*

Remove the description

*Proposed Response*      *Response Status* **W**

PROPOSED ACCEPT.

---

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

*Topic* **Grammar and s**      Page 7 of 10
07/06/2021  17:03:05

*Cl* **166**      *SC* **166.2.7**      *P* **83**      *L* **38**      # 47

Torres, Luisma                          KDPOF

*Comment Type*   **E**      *Comment Status*  **D**      *Grammar and syntax*

Typos: "The 36 20-bit encoded PHD sub-block that are in a Transmission Block, are TRC…".

*SuggestedRemedy*

Replace with: "The 36 20-bit encoded PHD sub-blocks that are in a Transmission Block are TRC…".

*Proposed Response*      *Response Status*  **W**

PROPOSED ACCEPT.

---

*Cl* **166**      *SC* **166.2.7.2**      *P* **83**      *L* **52**      # 49

Torres, Luisma                          KDPOF

*Comment Type*   **E**      *Comment Status*  **D**      *Grammar and syntax*

Confusing expression: "by marking the affected 65-bit blocks with the flag /E/". In previous text the only reference to "/E/" is the error character/code.

*SuggestedRemedy*

Add reference to the R_BLOCK_TYPE, eg: "by setting the R_BLOCK_TYPE of the affected 65-bit blocks equal to /E/.".

*Proposed Response*      *Response Status*  **W**

PROPOSED ACCEPT.

---

*Cl* **166**      *SC* **166.3.3.2**      *P* **89**      *L* **41**      # 50

Torres, Luisma                          KDPOF

*Comment Type*   **E**      *Comment Status*  **D**      *Grammar and syntax*

Typo, missing word: "due optical signal conversion".

*SuggestedRemedy*

Replace with "due to optical signal conversion".

*Proposed Response*      *Response Status*  **W**

PROPOSED ACCEPT.

---

*Cl* **166**      *SC* **166.3.4.1**      *P* **91**      *L* **54**      # 51

Torres, Luisma                          KDPOF

*Comment Type*   **E**      *Comment Status*  **D**      *Grammar and syntax*

In text: "...64B/65B PCS encoder encodes predifined data to be used for the link partner alignment", "local fault sequence ordered sets" instead of "predefined data" can be written.

*SuggestedRemedy*

Replace "predefined data" by "local fault sequence ordered sets"

*Proposed Response*      *Response Status*  **W**

PROPOSED ACCEPT.

---

*Cl* **166**      *SC* **166.3.4.4**      *P* **95**      *L* **3**      # 52

Torres, Luisma                          KDPOF

*Comment Type*   **E**      *Comment Status*  **D**      *Grammar and syntax*

Typo: "that waits for the local receiver reliability is recovered".

*SuggestedRemedy*

Replace with "that waits for the local receiver reliability to be recovered".

*Proposed Response*      *Response Status*  **W**

PROPOSED ACCEPT.

---

*Cl* **166**      *SC* **166.3.5.2**      *P* **96**      *L* **45**      # 53

Torres, Luisma                          KDPOF

*Comment Type*   **E**      *Comment Status*  **D**      *Grammar and syntax*

Expression: "the ratio of corrected symbols per CW carried out by the RS-FEC decoder".

*SuggestedRemedy*

Replace with: "the ratio of symbols corrected by the RS-FEC decoder per CW".

*Proposed Response*      *Response Status*  **W**

PROPOSED ACCEPT.

---

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

*Topic*  **Grammar and s**      Page 8 of 10
07/06/2021  17:03:05

---

*Cl* **166**    *SC* **166.6.1.3.1**    *P* **101**    *L* **36**    # 54

Torres, Luisma                    KDPOF

*Comment Type*  **E**    *Comment Status*  **D**    *Grammar and syntax*

Expression is slightly confusing: "A signal_detect=OK … link_status=FAIL."

*SuggestedRemedy*

Revise this note. Suggested: "A signal_detect=OK indication with average optical power enough to allow the PHY partners to start establishing the link but not to meet the RFER target (see 166.3.5.1) results into the PHY indicating link_status=FAIL."

*Proposed Response*    *Response Status*  **W**

PROPOSED ACCEPT.

---

*Cl* **44**    *SC* **44.1.3**    *P* **25**    *L* **38**    # 2

Torres, Luisma                    KDPOF

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

In Figure 44-1 the PHY sublayers of 10GBASE-AU do not mention "BASE-U" in PCS/PMA. This is not consistent with the other figures for 2.5/5/25/50 Gbps, nor with the recap of clause 166 (Figure 166-1 on p.65).

*SuggestedRemedy*

Replace "PCS" with "BASE-U PCS" and "PMA" with "BASE-U PMA" for consistency.

*Proposed Response*    *Response Status*  **W**

PROPOSED ACCEPT.

---

*Cl* **105**    *SC* **105.2**    *P* **49**    *L* **35**    # 19

Torres, Luisma                    KDPOF

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

RS not marked in table for 25GBASE-AU

*SuggestedRemedy*

Mark as Mandatory the Clause 106 RS for 25GBASE-AU

*Proposed Response*    *Response Status*  **W**

PROPOSED ACCEPT.

---

*Cl* **125**    *SC* **125.1.4**    *P* **55**    *L* **25**    # 23

Torres, Luisma                    KDPOF

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

RS not marked in table for2.5GBASE-AU nor 5GBASE-AU

*SuggestedRemedy*

Mark as Mandatory the Clause 46 RS for 2.5GBASE-AU and 5GBASE-AU

*Proposed Response*    *Response Status*  **W**

PROPOSED ACCEPT.

---

*Cl* **131**    *SC* **131.2.24**    *P* **60**    *L* **25**    # 28

Torres, Luisma                    KDPOF

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

RS not marked in table for 50GBASE-AU

*SuggestedRemedy*

Mark as Mandatory the Clause 132 RS for 50GBASE-AU

*Proposed Response*    *Response Status*  **W**

PROPOSED ACCEPT.

---

*Cl* **166**    *SC* **166.1.3**    *P* **65**    *L* **11**    # 30

Torres, Luisma                    KDPOF

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

Inconsistent tagging of XGMII as optional feature or not. It is marked Optional in Table 105-1 (p.49, 25G) and in the recap of clause 166 for all speeds (Figure 166-1 on p.65); also in Figure 125-1 (p.53) for 2.5/5 Gbps; but NOT in Figure 44-1 (p.25, 10G)

*SuggestedRemedy*

Try to keep consistency across sections, or at least between speed-specific Figures and the recap Figure 166-1.

*Proposed Response*    *Response Status*  **W**

PROPOSED ACCEPT IN PRINCIPLE. This comment may be beyond the TF editing scope, as it is refering to 802.3 document consistency as a whole. Consider to generate a comment to the Maintenance TF.

---

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

*Topic*  **Technical**    Page 9 of 10
07/06/2021  17:03:05

---

*Cl* **166**    *SC* **166.1**    *P* **69**    *L* **23**    # **68**

Grow, Robert    RMG Consulting/KDPOF

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

   PHY is not an expansion for Physical Layer.

*SuggestedRemedy*

   "…50GBASE-AU Physical Layer entity (PHY)."

*Proposed Response*    *Response Status*    **W**

   PROPOSED ACCEPT.

---

*Cl* **125**    *SC* **125.1.4**    *P* **55**    *L* **14**    # **22**

Torres, Luisma    KDPOF

*Comment Type*    **E**    *Comment Status*    **D**    *Typo-Technical*

   Last but one column title says "2.5GBASE-U", seems incorrect.

*SuggestedRemedy*

   Replace with "2.5GBASE-AU".

*Proposed Response*    *Response Status*    **W**

   PROPOSED ACCEPT.

---

*Cl* **166**    *SC* **166.2.1**    *P* **68**    *L* **41**    # **35**

Torres, Luisma    KDPOF

*Comment Type*    **T**    *Comment Status*    **D**    *Typo-Technical*

   "The 5140-bit RS-FEC …", but 80x65+20=5220. In 166.2.2.4 "RS-FEC encoder takes the 5220-bit message ..."

*SuggestedRemedy*

   Replace 5140 with 5220.

*Proposed Response*    *Response Status*    **W**

   PROPOSED ACCEPT.

---

*Cl* **166**    *SC* **166.2.1**    *P* **68**    *L* **43**    # **36**

Torres, Luisma    KDPOF

*Comment Type*    **T**    *Comment Status*    **D**    *Typo-Technical*

   Error in RS-FEC length, should be 5220 bits not 5140 bits. Also on l.47. But OK in the detailed description of next pages.

*SuggestedRemedy*

   Replace 5140 with 5220.

*Proposed Response*    *Response Status*    **W**

   PROPOSED ACCEPT.

---

*Cl* **166**    *SC* **166.2.1**    *P* **68**    *L* **47**    # **37**

Torres, Luisma    KDPOF

*Comment Type*    **T**    *Comment Status*    **D**    *Typo-Technical*

   RS-FEC message is 5220 bits long.

*SuggestedRemedy*

   Replace 5140 with 5220.

*Proposed Response*    *Response Status*    **W**

   PROPOSED ACCEPT.

---

*Cl* **166**    *SC* **166.2.1**    *P* **68**    *L* **48**    # **38**

Torres, Luisma    KDPOF

*Comment Type*    **T**    *Comment Status*    **D**    *Typo-Technical*

   RS-FEC message is 5220 bits long.

*SuggestedRemedy*

   Replace 5140 with 5220.

*Proposed Response*    *Response Status*    **W**

   PROPOSED ACCEPT.

---

*Cl* **166**    *SC* **166.2.3**    *P* **76**    *L* **35**    # **44**

Torres, Luisma    KDPOF

*Comment Type*    **T**    *Comment Status*    **D**    *Typo-Technical*

   In Figure 166-10, last section, the payload blocks size is wrong.

*SuggestedRemedy*

   Replace "80 64-bit blocks" with "80 65-bit blocks".

*Proposed Response*    *Response Status*    **W**

   PROPOSED ACCEPT.

---

*Cl* **166**    *SC* **166.2.7.1**    *P* **83**    *L* **44**    # **48**

Torres, Luisma    KDPOF

*Comment Type*    **T**    *Comment Status*    **D**    *Typo-Technical*

   Wrong number in "195839 Transmit Block bits".

*SuggestedRemedy*

   Replace 195839 by 195840.

*Proposed Response*    *Response Status*    **W**

   PROPOSED ACCEPT.

---

TYPE: TR/technical required  ER/editorial required  GR/general required  T/technical  E/editorial  G/general    *Topic*  **Typo-Technical**    Page 10 of 10
COMMENT STATUS: D/dispatched  A/accepted  R/rejected    RESPONSE STATUS: O/open  W/written  C/closed  Z/withdrawn    07/06/2021  17:03:05
SORT ORDER: Topic