IEEE P802.3cz D1.1 Multi-Gig Automotive Optical Ethernet PHY 2nd Task Force review comments

IEEE 802.cz Multi-Gig Aut

D 1.1 Comment Report

Cl 00 SC 0 P 8 L # 55
Wienckowski, Natalie General Motors
Comment Type E Comment Status A Editorial-Layout
There should not be any blank pages.

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

Response Response Status C
ACCEPT.

Cl 1 SC 1.4 P 22 L 51 # 1
Torres, Luisma KDPOF
Comment Type E Comment Status A Grammar and syntax
Expression: "to exchange control".

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

Response Response Status C
ACCEPT IN PRINCIPLE. "to exchange control information".

Cl 1 SC 1.4.389 P 20 L 58 # 55
Wienckowski, Natalie General Motors
Comment Type E Comment Status A 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.

Response Response Status C
ACCEPT IN PRINCIPLE. To be changed when updating the editing instructions to refer to the new P802.3 revision draft.

Cl 30 SC 30.5.1.1.2 P 23 L 32 # 57
Wienckowski, Natalie General Motors
Comment Type E Comment Status A 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)

Response Response Status C
ACCEPT IN PRINCIPLE. To be changed when updating the editing instructions to refer to the new P802.3 revision draft.

Cl 30 SC 30.5.1.1.2 P 23 L 37 # 58
Wienckowski, Natalie General Motors
Comment Type E Comment Status A 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,

Response Response Status C
ACCEPT IN PRINCIPLE. To be changed when updating the editing instructions to refer to the new P802.3 revision draft.

Cl 30 SC 30.5.1.1.2 P 23 L 46 # 59
Wienckowski, Natalie General Motors
Comment Type E Comment Status A 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)

Response Response Status C
ACCEPT IN PRINCIPLE. To be changed when updating the editing instructions to refer to the new P802.3 revision draft.
<table>
<thead>
<tr>
<th>Cl.</th>
<th>SC</th>
<th>P</th>
<th>L</th>
<th>Comment Type</th>
<th>Comment Status</th>
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<tbody>
<tr>
<td>30</td>
<td>30.5.1.1.2</td>
<td>23</td>
<td>50</td>
<td>E</td>
<td>A</td>
<td>Editing instructions</td>
<td>40GBASE-T is in IEEE802.3-2018. 802.3ca did not add any 40GBASE PHYs. The editor's instructions are not correct.</td>
<td>ACCEPT IN PRINCIPLE. To be changed when updating the editing instructions to refer to the new P802.3 revision draft.</td>
</tr>
<tr>
<td>44</td>
<td>44.1.3</td>
<td>25</td>
<td>38</td>
<td>E</td>
<td>A</td>
<td>Technical</td>
<td>In Figure 44-1 the PHY sublayers of 10GBASE-AU do not mention &quot;BASE-U&quot; 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).</td>
<td>Replace &quot;PCS&quot; with &quot;BASE-U PCS&quot; and &quot;PMA&quot; with &quot;BASE-U PMA&quot; for consistency.</td>
</tr>
<tr>
<td>45</td>
<td>45.2</td>
<td>40</td>
<td>31</td>
<td>E</td>
<td>A</td>
<td>Editing instructions</td>
<td>Incorrect subclause number</td>
<td>ACCEPT IN PRINCIPLE. To be changed when updating the editing instructions to refer to the new P802.3 revision draft.</td>
</tr>
<tr>
<td>45</td>
<td>45.2.1</td>
<td>40</td>
<td>38</td>
<td>E</td>
<td>A</td>
<td>Editing instructions</td>
<td>Incorrect subclause number - The correct subclause is in the editor's instructions, but ca didn't modify this subclause.</td>
<td>Should be 45.5.3.</td>
</tr>
<tr>
<td>45</td>
<td>45.2.1.2</td>
<td>40</td>
<td>50</td>
<td>E</td>
<td>A</td>
<td>Editing instructions</td>
<td>Incorrect subclause number</td>
<td>Should be 45.5.3.2.</td>
</tr>
<tr>
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<td>45.2.1.3</td>
<td>40</td>
<td>50</td>
<td>E</td>
<td>A</td>
<td>Editing instructions</td>
<td>Incorrect subclause number</td>
<td>Should be 45.5.3.3</td>
</tr>
<tr>
<td>45</td>
<td>45.2.1.4</td>
<td>40</td>
<td>50</td>
<td>E</td>
<td>A</td>
<td>Editing instructions</td>
<td>Incorrect subclause number</td>
<td>Should be 45.5.3.3</td>
</tr>
</tbody>
</table>
IEEE 802.cz Multi-Gig Aut IEEE P802.3cz D1.1 Multi-Gig Automotive Optical Ethernet PHY 2nd Task Force review comments

**Comment Type:** E  **Comment Status:** A  **Grammar and syntax**

**Comment:** Typo: "only one of the mode of operation"

**Suggested Remedy:**
Replace: "...modes of operation".

**Response Status:** C

**Response:**
ACCEPT.

---

**Comment Type:** E  **Comment Status:** A  **Bad reference**

**Comment:** Inside the table, a reference to register 135.

**Suggested Remedy:**
Replace with register 1.72

**Response Status:** C

**Response:**
ACCEPT.

---

**Comment Type:** E  **Comment Status:** A  **Editing instructions**

**Comment:** Typo in editorial indications. New subclause 45.2.1.134aa and Table 45-26aa are announced but not inserted.

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

**Response Status:** C

**Response:**
ACCEPT IN PRINCIPLE. To be changed when updating the editing instructions to refer to the new P802.3 revision draft.

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**Comment Type:** E  **Comment Status:** A  **Editing instructions**

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

**Suggested Remedy:**
Correct heading number to 45.2.1.134aa.

**Response Status:** C

**Response:**
ACCEPT IN PRINCIPLE. To be changed when updating the editing instructions to refer to the new P802.3 revision draft.
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Cl 45 SC 45.2.1.134 P 30 L 46 # 6
Torres, Luisma KDPOF
Comment Type E Comment Status A
"... and advertised by register 135." Register 135 seems an error.
SuggestedRemedy
Replace with register 1.72
Response Response Status C
ACCEPT.

Cl 45 SC 45.2.1.134 P 30 L 47 # 7
Torres, Luisma KDPOF
Comment Type E Comment Status A
Type: "only one of the mode of operation".
SuggestedRemedy
Replace: "...modes of operation".
Response Response Status C
ACCEPT.

Cl 45 SC 45.2.1.134 P 32 L 50 # 9
Torres, Luisma KDPOF
Comment Type E Comment Status A
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).
Response Response Status C
ACCEPT.

Cl 45 SC 45.2.1.134 P 30 L 46 # 8
Torres, Luisma KDPOF
Comment Type E Comment Status A
"Register 135" seems a typo. Also in the table on p.41, l.11 (MM230).
SuggestedRemedy
Replace with register 1.72
Response Response Status C
ACCEPT.

Cl 45 SC 45.2.3.80a.5 P 34 L 3 # 10
Torres, Luisma KDPOF
Comment Type E Comment Status A
Grammar and syntax
Typo: "Bits ... contains". Also "and registers ... contains".
SuggestedRemedy
Replace: "Bits... contain" and "registers ... contain".
Response Response Status C
ACCEPT.

Cl 45 SC 45.2.3.80a.5 P 34 L 7 # 11
Torres, Luisma KDPOF
Comment Type T Comment Status A
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"
Response Response Status C
ACCEPT.

Cl 45 SC 45.2.3.80b P 34 L 17 # 12
Torres, Luisma KDPOF
Comment Type E Comment Status A
Grammar and syntax
Typo: "Registers ... contains".
SuggestedRemedy
Replace: "Registers ... contain".
Response Response Status C
ACCEPT.
# 13

**Comment Type:** T  Comment Status: A  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

**Suggested Remedy:**
Replace by "Receive BASE-U OAM message first 12 bits"

**Response:**
ACCEPT.

# 14

**Comment Type:** E  Comment Status: A  Grammar and syntax

Typo: "Bits … contains".

**Suggested Remedy:**
Replace: "Bits… contain".

**Response:**
ACCEPT IN PRINCIPLE. In addition to the suggested remedy, also change: "registers 3.2340 through 3.2347 (RXO_DATA1 through RXO_DATA8) the remaining"

To: "registers 3.2340 through 3.2347 (RXO_DATA1 through RXO_DATA8) contain the remaining"

# 15

**Comment Type:** E  Comment Status: A  Grammar and syntax

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

**Suggested Remedy:**
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 I.47.

Also on I.42 and I.48, would prefer eg: "indicates either that the remote PHY does not have BASE-U OAM ability"

**Response:**
ACCEPT IN PRINCIPLE. Replace by "indicates both that the remote PHY has BASE-U OAM capability and that the BASE-U OAM is enabled". Same in I.47.

Also on I.42 and I.48, replace "indicates that the remote PHY either does not have BASE-U OAM ability" with "indicates either that the remote PHY does not have BASE-U OAM ability"

**Response:**
ACCEPT.
<table>
<thead>
<tr>
<th>Cl</th>
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<td>50</td>
<td>41</td>
<td>20</td>
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<td>105</td>
<td>105.7</td>
<td>51</td>
<td>6</td>
<td>21</td>
</tr>
<tr>
<td>125</td>
<td>125.3</td>
<td>56</td>
<td>16</td>
<td>24</td>
</tr>
<tr>
<td>125</td>
<td>125.4</td>
<td>55</td>
<td>14</td>
<td>22</td>
</tr>
<tr>
<td>131</td>
<td>131.2</td>
<td>58</td>
<td>37</td>
<td>25</td>
</tr>
<tr>
<td>131</td>
<td>131.3</td>
<td>59</td>
<td>3</td>
<td>27</td>
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</table>

1. **Comment Type**: E
2. **Comment Status**: A
4. **Response**: C
5. **Response Status**: ACCEPT.

- **Comment 20**
  - **Cl**: 105
  - **SC**: 105.5
  - **P**: 50
  - **L**: 41
  - **#**: 20
  - **Comment Type**: E
  - **Comment Status**: A
  - **Suggested Remedy**: Add missing reference 166.13.
  - **Response**: C
  - **Response Status**: ACCEPT.

- **Comment 21**
  - **Cl**: 105
  - **SC**: 105.7
  - **P**: 51
  - **L**: 6
  - **#**: 21
  - **Comment Type**: E
  - **Comment Status**: A
  - **Suggested Remedy**: Change to Clause 166.
  - **Response**: C
  - **Response Status**: ACCEPT.

- **Comment 22**
  - **Cl**: 125
  - **SC**: 125.4
  - **P**: 55
  - **L**: 14
  - **#**: 22
  - **Comment Type**: E
  - **Comment Status**: A
  - **Suggested Remedy**: Replace with "2.5GBASE-AU". Last but one column title says "2.5GBASE-U", seems incorrect.
  - **Response**: C
  - **Response Status**: ACCEPT.

- **Comment 23**
  - **Cl**: 125
  - **SC**: 125.3
  - **P**: 56
  - **L**: 16
  - **#**: 24
  - **Comment Type**: E
  - **Comment Status**: A
  - **Suggested Remedy**: Add missing reference 166.13.
  - **Response**: C
  - **Response Status**: ACCEPT.

- **Comment 24**
  - **Cl**: 131
  - **SC**: 131.3
  - **P**: 59
  - **L**: 3
  - **#**: 25
  - **Comment Type**: E
  - **Comment Status**: A
  - **Suggested Remedy**: Replace with "a new paragraph".
  - **Response**: C
  - **Response Status**: ACCEPT.

- **Comment 25**
  - **Cl**: 131
  - **SC**: 131.3
  - **P**: 59
  - **L**: 3
  - **#**: 27
  - **Comment Type**: E
  - **Comment Status**: A
  - **Suggested Remedy**: Replace with "a new paragraph".
  - **Response**: C
  - **Response Status**: 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**: Clause, Subclause, page, line

**Page**: 6 of 11
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D 1.1 Comment Report

Cl 131  SC 131.2.24  P60  L25  #28
Torres, Luisma  KDPOF
Comment Type  T  Comment Status  A  Technical
RS not marked in table for 50GBASE-AU
SuggestedRemedy
Mark as Mandatory the Clause 132 RS for 50GBASE-AU
Response  Response Status  C  ACCEPT.

Cl 131  SC 131.4  P61  L18  #29
Torres, Luisma  KDPOF
Comment Type  E  Comment Status  A  Bad reference
Inside the table, in the notes column "See 300.12."
SuggestedRemedy
Change to Clause 166.
Response  Response Status  C  ACCEPT IN PRINCIPLE. Change to subclause 166.12

Cl 166  SC 166.1.3  P65  L11  #30
Torres, Luisma  KDPOF
Comment Type  T  Comment Status  R  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.
Response  Response Status  C  REJECT. The commenter is encouraged to submit the comment on the current 802.3 revision.

Cl 166  SC 166.1.4  P66  L8  #31
Torres, Luisma  KDPOF
Comment Type  E  Comment Status  A  Grammar and syntax
Typo: "time division multiplexing these two".
SuggestedRemedy
Replace with "time division multiplexing of these two".
Response  Response Status  C  ACCEPT.

Cl 166  SC 166.1.4  P66  L10  #32
Torres, Luisma  KDPOF
Comment Type  E  Comment Status  A  Grammar and syntax
Expression: unnecessarily confusing "repeatedly".
SuggestedRemedy
Remove "repeatedly" or clarify meaning.
Response  Response Status  C  ACCEPT IN PRINCIPLE. Remove "repeatedly"

Cl 131  SC Figure 131-1  P58  L37  #37
Grow, Robert  RMG Consulting/KDPOF
Comment Type  E  Comment Status  A  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
Response  Response Status  C  ACCEPT IN PRINCIPLE. See comment #26

Cl 166  SC 166.1  P63  L23  #38
Grow, Robert  RMG Consulting/KDPOF
Comment Type  T  Comment Status  A  Technical
PHY is not an expansion for Physical Layer.
SuggestedRemedy
"...50GBASE-AU Physical Layer entity (PHY)."
Response  Response Status  C  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: Clause, Subclause, page, line

Page 7 of 11  21/07/2021 14:36:59
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.

**Suggested Remedy**

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

**Response**

Response Status: C

ACCEPT.

---

"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.

**Suggested Remedy**

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

**Response**

Response Status: C

ACCEPT.

---

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

**Suggested Remedy**

Replace 5140 with 5220.

**Response**

Response Status: C

ACCEPT.

---

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

**Suggested Remedy**

Replace 5140 with 5220.

**Response**

Response Status: C

ACCEPT.
### IEEE P802.3cz D1.1 Comment Report

<table>
<thead>
<tr>
<th>Comment Number</th>
<th>Clause</th>
<th>Subclause</th>
<th>Page</th>
<th>Line</th>
<th>Comment Status</th>
<th>Response Status</th>
<th>Comment Type</th>
<th>Suggested Remedy</th>
<th>Torres, Luisma</th>
<th>KDPOF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cl  166 SC 166.2.2.1.1</td>
<td>P 69</td>
<td>L 25</td>
<td># 39</td>
<td></td>
<td></td>
<td></td>
<td>T</td>
<td>Field PHD.TX.NEXT.MODE is not explained, contains a &quot;TBD&quot; reference and is only generically mentioned on p.71 l.12-13, with no clear meaning.</td>
<td>Add editor note and link the specification to the approval of test modes baseline.</td>
<td></td>
</tr>
<tr>
<td>Cl  166 SC 166.2.2.1.1</td>
<td>P 70</td>
<td>L 12</td>
<td># 40</td>
<td></td>
<td></td>
<td></td>
<td>E</td>
<td>Wrong register number for PCS Status 3.</td>
<td>Replace 3.525.7:0 with 3.2351.7:0</td>
<td></td>
</tr>
<tr>
<td>Cl  166 SC 166.2.2.1.4</td>
<td>P 72</td>
<td>L 38</td>
<td># 41</td>
<td></td>
<td></td>
<td></td>
<td>E</td>
<td>The sentence &quot;Each of the 240 information bits...&quot; the word &quot;each&quot; should be replaced by &quot;each one&quot;.</td>
<td>Replace by &quot;Each one of the 240 information bits...&quot;</td>
<td></td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Comment Number</th>
<th>Clause</th>
<th>Subclause</th>
<th>Page</th>
<th>Line</th>
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<th>Suggested Remedy</th>
<th>Torres, Luisma</th>
<th>KDPOF</th>
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<td>Cl  166 SC 166.2.2.3</td>
<td>P 73</td>
<td>L 14</td>
<td># 42</td>
<td></td>
<td></td>
<td></td>
<td>E</td>
<td>Wrong syntax in sentence: &quot;The RS-FEC message is 5220 length&quot;</td>
<td>Replace by &quot;The RS-FEC message is 5220 length&quot;</td>
<td></td>
</tr>
<tr>
<td>Cl  166 SC 166.2.2.5</td>
<td>P 75</td>
<td>L 27</td>
<td># 43</td>
<td></td>
<td></td>
<td></td>
<td>E</td>
<td>&quot;value of 0x0FB9659 at the …, where the leftmost digit corresponds to the initial value of the register element r[0]&quot; 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[0:3]=9 r[7:4]=5 r[11:8]=6 r[15:12]=9 ...</td>
<td>Add the following sentence after &quot;where the leftmost digit corresponds to the initial value of the register element r[0]&quot;: &quot;Therefore, the rightmost bit of the rightmost digit corresponds to the initial value of register element r[24].&quot;</td>
<td></td>
</tr>
<tr>
<td>Cl  166 SC 166.2.3</td>
<td>P 76</td>
<td>L 35</td>
<td># 44</td>
<td></td>
<td></td>
<td></td>
<td>T</td>
<td>In Figure 166-10, last section, the payload blocks size is wrong.</td>
<td>Replace &quot;80 64-bit blocks&quot; with &quot;80 65-bit blocks&quot;</td>
<td></td>
</tr>
</tbody>
</table>

### TYPE: TR/technical required  ER/editorial required  GR/general required  T/technical  E/editorial  G/general

### COMMENT STATUS: D/dispatched  A/accepted  R/rejected  RESPONSE STATUS: O/open W/written C/closed Z/withdrawn

### SORT ORDER: Clause, Subclause, page, line
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<tr>
<th>Cl</th>
<th>SC</th>
<th>P</th>
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<tbody>
<tr>
<td>166</td>
<td>166.2.5.5.5</td>
<td>81</td>
<td>29</td>
<td>E</td>
<td>In text: &quot;A LBLOCK_T containing two local fault ordered set is transmitted when the PCS transmit process is in training mode&quot; It would be better to say &quot;Continuous LBLOCK_T&quot; or &quot;Consecutive LBLOCK_T&quot; instead of &quot;A LBLOCK_T&quot;.</td>
<td>A</td>
<td>Cl</td>
<td>E</td>
<td>Replace &quot;A LBLOCK_T … is transmitted&quot; by &quot;Continuous L_BLOCK_T … are transmitted&quot;</td>
<td>A</td>
</tr>
<tr>
<td>166</td>
<td>166.2.6.1.2</td>
<td>83</td>
<td>4</td>
<td>E</td>
<td>T_TYPE_NEXT is not used in the Figure 166-13</td>
<td>A</td>
<td>Grammar and syntax</td>
<td>Remove the description</td>
<td>A</td>
<td>C</td>
</tr>
<tr>
<td>166</td>
<td>166.2.7</td>
<td>83</td>
<td>38</td>
<td>E</td>
<td>Typos: &quot;The 36 20-bit encoded PHD sub-block that are in a Transmission Block, are TRC…&quot;.</td>
<td>A</td>
<td>Grammar and syntax</td>
<td>Replace with: &quot;The 36 20-bit encoded PHD sub-blocks that are in a Transmission Block are TRC…&quot;.</td>
<td>A</td>
<td>C</td>
</tr>
</tbody>
</table>

**Type:** TR/technical required  ER/editorial required  GR/general required  T/technical  E/editorial  G/general

**Comment Status:** D/dispatched  A/accepted  R/rejected  RESPONSE STATUS: O/open W/written C/closed Z/withdrawn

**Sort Order:** Clause, Subclause, page, line

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**Comment Type:** E  **Comment Status:** A  **Clarification-Techical**

**Suggested Remedy:** Replace "A LBLOCK_T … is transmitted" by "Continuous L_BLOCK_T … are transmitted".

**Response:** 

**Response Status:** C

**Comment Status:** A

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**Comment Type:** T  **Comment Status:** A  **Typo-Technical**

**Suggested Remedy:** Replace 195839 by 195840.

**Response:** 

**Response Status:** C

---

**Comment Type:** E  **Comment Status:** A  **Grammar and syntax**

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

**Response:** 

**Response Status:** C

**Comment Status:** A

---

**Comment Type:** E  **Comment Status:** A  **Typo, missing word: "due optical signal conversion".**

**Suggested Remedy:** Replace with "due to optical signal conversion".

**Response:** 

**Response Status:** C

**Comment Status:** A

---

**Comment Type:** E  **Comment Status:** A  **Typo, missing word: "due optical signal conversion".**

**Suggested Remedy:** Replace with "due to optical signal conversion".

**Response:** 

**Response Status:** C

**Comment Status:** A
Comment Type: E  Comment Status: A  Grammar and syntax

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

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

Response: Response Status: C
ACCEPT.

Comment Type: E  Comment Status: A  Grammar and syntax

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

Suggested Remedy
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."

Response: Response Status: C
ACCEPT IN PRINCIPLE. Replace by "A signal_detect=OK indication with enough average optical power to allow the PHY partners to start establishing the link but not enough to meet the RFER target (see 166.3.5.1) results in the PHY indicating link_status=FAIL."

Comment Type: E  Comment Status: A  Grammar and syntax

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

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

Response: Response Status: C
ACCEPT.