Comment Type: E  Comment Status: A  Editorial

Figure 149-13 was not drawn in Frame

SuggestedRemedy
Redraw Figure 149-13 in Frame.

Response  Response Status: C
ACCEPT IN PRINCIPLE.

TX_TCLK is in yellow highlight.

Replace TX_TCLK with TX_TCLK_DIV.

Add editor's note, by the Test Mode 1 text that we need to define TX_TCLK_DIV.

Page 85 line 27 - change TX_TCLK125 to TX_TCLK_DIV with no yellow highlighting.

---

Comment Type: E  Comment Status: A  Editorial

Duplicate of Amendment:

SuggestedRemedy
Remove second Amendment:

Response  Response Status: C
ACCEPT.

Change: Amendment: Amendment: Physical Layer Specifications
To: Amendment: Physical Layer Specifications

---

Comment Type: E  Comment Status: A  Editorial

Figure 150-13 was not drawn in Frame

SuggestedRemedy
Redraw Figure 150-13 in Frame.

Response  Response Status: C
ACCEPT IN PRINCIPLE.

TX_TCLK is in yellow highlight.

Replace TX_TCLK with TX_TCLK_DIV.

Add editor's note, by the Test Mode 1 text that we need to define TX_TCLK_DIV.

Page 133 line 27 - change TX_TCLK125 to TX_TCLK_DIV with no yellow highlighting.

---

Comment Type: T  Comment Status: A  EZ

EEE is optional for 5GBASE-T1

SuggestedRemedy
Marked as "O"

Response  Response Status: C
ACCEPT IN PRINCIPLE.

Add "O" with underlining in cell (EEE, 5GBASE-T1)
Comment Type: E  Comment Status: A  EZ

Broken link

Suggested Remedy

Change: text 150.1
To: Link to 150.10

Response  Response Status: C  ACCEPT.

---

Comment Type: E  Comment Status: A  EZ

Missing space

Suggested Remedy

Change: 0 1 00
To: 0 1 0 0

Response  Response Status: C  ACCEPT.

---

Comment Type: E  Comment Status: A  EZ

Modify Editor Instruction based on 802.3cg change

Suggested Remedy

Change Editor Instruction to: Insert the following text after the fifth sentence of 45.2.1.185.2 (as modified by 802.3cg) as follows:

Response  Response Status: C  ACCEPT IN PRINCIPLE.

Editor to update Editor Instruction based on P802.3cg D2p1.
In Table 125-1, the "Description" of 5GBASE-T1 is "TBD modulation". It's not correct!

**SuggestedRemedy**

The team had adopted PAM4 as the modulation of 2.5GBASE-T1 and 5GBASE-T1. Shall modify "TBD modulation" into "PAM4 modulation".

**Response**

ACCEPT.

---

EEE is optimal for 2.5GBASE-T1

**SuggestedRemedy**

Marked as "O".

**Response**

ACCEPT IN PRINCIPLE.

Add "O" with underlining in cell (EEE, 2.5GBASE-T1)

---

Missing period at end of sentence.

**SuggestedRemedy**

Add missing period.

**Response**

ACCEPT.
layer Specifications and Management Parameters for Greater Than 1 Gb/s Automotive Ethernet 1st T

Ci 149 SC 149.4.4.1 P81 L25 # 20
Wienckowski, Natalie General Motors
Comment Type E Comment Status A
missing periods
SuggestedRemedy
Add periods at end of SEND_N, SEND_I, SEND_T, SEND_Z statements
Response Response Status C
ACCEPT.

Ci 149 SC 149.7.1.1 P90 L34 # 33
Wienckowski, Natalie General Motors
Comment Type T Comment Status A
IL frequency axis should start at 0
SuggestedRemedy
Change Frequency axis to be 0 to 3000.
Response Response Status C
ACCEPT.

Ci 150 SC 150.1.3 P99 L14 # 1
Wienckowski, Natalie General Motors
Comment Type E Comment Status A
noun/verb agreement
SuggestedRemedy
Change: The 5GBASE-T1 and 10GBASE-T1 PHYs utilizes four level
To: The 5GBASE-T1 and 10GBASE-T1 PHYs utilize four level
Response Response Status C
ACCEPT.

Ci 150 SC 150.1.2 P98 L25 # 4
Wienckowski, Natalie General Motors
Comment Type T Comment Status A
The MDI is not part of the PHY and should not be shaded in Figure 150-1.
SuggestedRemedy
Remove shading on MDI "box" in Figure 150-1.
Response Response Status C
ACCEPT.
<table>
<thead>
<tr>
<th>Cl</th>
<th>SC</th>
<th>P</th>
<th>L</th>
<th>#</th>
<th>Comment Type</th>
<th>Comment Status</th>
<th>Suggested Remedy</th>
</tr>
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<tbody>
<tr>
<td>150</td>
<td>SC 150.4.1</td>
<td>116</td>
<td>27</td>
<td>15</td>
<td>E</td>
<td>A</td>
<td>broken link&lt;br&gt;Change: text 150.1&lt;br&gt;To: Link to 150.2.2</td>
</tr>
<tr>
<td>150</td>
<td>SC 150.4.2.1</td>
<td>118</td>
<td>26</td>
<td>17</td>
<td>E</td>
<td>A</td>
<td>typo&lt;br&gt;Change: stat). To state.</td>
</tr>
<tr>
<td>150</td>
<td>SC 150.4.2.2</td>
<td>118</td>
<td>15</td>
<td>19</td>
<td>E</td>
<td>A</td>
<td>broken link&lt;br&gt;Change: text 150.1&lt;br&gt;To: Link to 150.5</td>
</tr>
<tr>
<td>150</td>
<td>SC 150.4.4.1</td>
<td>129</td>
<td>25</td>
<td>21</td>
<td>E</td>
<td>A</td>
<td>missing periods&lt;br&gt;Add periods at end of SEND_N, SEND_I, SEND_T, SEND_Z statements</td>
</tr>
</tbody>
</table>

**Comment Status: A (Accepted)**

**Response Status: C (Closed)**
PAM4 has four levels

Suggested Remedy
change "three level" to "four-level"

Response Response Status C
ACCEPT IN PRINCIPLE.

Change "three level" to "four-level".

PAM4 has four levels

Suggested Remedy
change "three level" to "four-level"

Response Response Status C
ACCEPT IN PRINCIPLE.

Set maximum link segment propagation delay to 94 ns as the maximum segment length is the same as bp. This is a propagation delay of 6.27 ns/m. Most cable used for this purpose is about 5.5 ns/m.

Suggested Remedy
Remove yellow highlighting on 94 ns.

Response Response Status C
ACCEPT.

Set maximum frequency for link segment propagation delay to 3000 MHz.

Suggested Remedy
Keep yellow highlighting and make the value TBD.

Add Editor's note at start of 149.7 that we need to come to align the maximum frequencies for all link segment parameters.
<table>
<thead>
<tr>
<th>Cl</th>
<th>SC</th>
<th>Layer</th>
<th>P</th>
<th>L</th>
<th>#</th>
<th>Comment</th>
<th>Comment Status</th>
<th>Suggested Remedy</th>
<th>Response</th>
<th>Response Status</th>
<th>Comment Status</th>
</tr>
</thead>
</table>
| 149 | 149.4.2.6 | 75 | 27 | 55 | SEND_S signaling modification - 703.125MHz | Link Sync | see attached contribution "Wu_3ch_01a_0918.pdf" | ACCEPT IN PRINCIPLE. | In section 149.4.2.6, insert a paragraph between the 2nd and 3rd paragraphs with the text: The frequency of the SEND_S signal shall be 703.125MHz.
| 149 | 149.4.2.6 | 76 | 2 | 49 | SEND_S signaling modification | Link Sync | see attached contribution "Wu_3ch_01a_0918.pdf" | ACCEPT IN PRINCIPLE. | Make change as defined in Wu_3ch_01a_0918.pdf, Slide 4, bullet 2.
| 149 | 149.4.2.6.2 | 77 | 40 | 51 | send_s_timer expiration changed to “1.25us±0.05us” | Link Sync | see attached contribution "Wu_3ch_01a_0918.pdf" | ACCEPT IN PRINCIPLE. | Make change as defined in Wu_3ch_01a_0918.pdf, Slide 4, bullet 4, subbullet 1.
| 150 | 150.4.2.6 | 123 | 27 | 50 | SEND_S signaling modification - 703.125MHz | Link Sync | see attached contribution "Wu_3ch_01a_0918.pdf" | ACCEPT IN PRINCIPLE. | In section 150.4.2.6, insert a paragraph between the 2nd and 3rd paragraphs with the text: The frequency of the SEND_S signal shall be 703.125MHz.
| 150 | 150.4.2.6 | 124 | 2 | 50 | SEND_S signaling modification | Link Sync | see attached contribution "Wu_3ch_01a_0918.pdf" | ACCEPT IN PRINCIPLE. | Make change as defined in Wu_3ch_01a_0918.pdf, Slide 4, bullet 3.
Comment Type  T  Comment Status  A  Link Sync
send_s_timer expiration changed to "1.25us±0.05us"
SuggestedRemedy
see attached contribution "Wu_3ch_01a_0918.pdf"
Response  Response Status  C
ACCEPT IN PRINCIPLE.

Comment Status  A

Response
Make change as defined in Wu_3ch_01a_0918.pdf, Slide 4, bullet 4, subbullet 1.

Comment Type  T  Comment Status  A  Link Sync
sigdet_wait_timer expiration changed to "5.0us±0.15us"
SuggestedRemedy
see attached contribution "Wu_3ch_01a_0918.pdf"
Response  Response Status  C
ACCEPT IN PRINCIPLE.

Comment Status  A

Response
Make change as defined in Wu_3ch_01a_0918.pdf, Slide 4, bullet 4, subbullet 2.

Comment Type  T  Comment Status  A  MDI
This spec should not define a specific MDI connector.
SuggestedRemedy
Remove yellow highlighting on: Further specification of the mechanical interface is beyond the scope of this standard.
Response  Response Status  C
ACCEPT.

Comment Status  A

Response
Remove Section 149.5.1.

Comment Type  T  Comment Status  A  PMA
The PMA electrical specification tests for Multi-Gig are the same as they are for slower speeds as specific frequencies are not specified.
SuggestedRemedy
Accept the text in clause 149.5.1 and its subclauses, e.g. remove yellow highlighting.
Response  Response Status  C
ACCEPT IN PRINCIPLE.

Comment Status  R

Response
Remove Section 149.5.1.

Comment Type  T  Comment Status  A  MDI
Set peak differential output tolerance to 30%.
SuggestedRemedy
Change: transmit differential signal at MDI shall be less than 1 + TBD V peak-to-peak To:  transmit differential signal at MDI shall be less than 1.3 V peak-to-peak
Response  Response Status  C
REJECT.
Set the symbol transmission rate tolerance to 50 ppm.

SuggestedRemedy
Remove yellow highlighting on 50 ppm.

Response  Response Status  C
ACCEPT.

Set the short-term rate of frequency variation to 0.1 ppm/second.

SuggestedRemedy
Remove yellow highlighting on 0.1 ppm/second.

Response  Response Status  C
ACCEPT.

The PMA electrical specification tests for Multi-Gig are the same as they are for slower speeds as specific frequencies are not specified.

SuggestedRemedy
Accept the text in clause 150.5.1 and its subclauses, e.g. remove yellow highlighting.

Response  Response Status  C
ACCEPT IN PRINCIPLE.

Remove section 150.5.1.

Set the short-term rate of frequency variation to 0.1 ppm/second.

SuggestedRemedy
Remove yellow highlighting on 0.1 ppm/second.

Response  Response Status  C
ACCEPT IN PRINCIPLE.

This actually Line 34.
<table>
<thead>
<tr>
<th>Comment Type</th>
<th>Comment Status</th>
<th>Registers</th>
</tr>
</thead>
<tbody>
<tr>
<td>T</td>
<td>A</td>
<td></td>
</tr>
</tbody>
</table>

Change bit assignments in ch and cg to remove interleaved reserved bits and plan for future PHYs.

**Suggested Remedy**
- Change 2.5GBASE-T1 ability to A3 from A7
- Change 5GBASE-T1 ability to A4 from A8
- Change 10GBASE-T1 ability to A5 from A9

**Response**

ACCEPT IN PRINCIPLE.

Perform Suggested Remedy with editorial license to change bit assignments depending upon the outcome of cg's comment resolution to avoid conflicts.