Comment ID 6

**Comment:**

**Response:**

**Modify Editor Instruction based on 802.3cg change**

**Response:**

**ACCEP IN PRINCIPLE.**

Editor to update Editor Instruction based on P802.3cg D2p1.

**Suggested Remedy:**

Remove shading on MDI "box" in Figure 150-1.

**Response:**

**ACCEPT.**

Change: Amendment: Amendment: Physical Layer Specifications

To: Amendment: Physical Layer Specifications

**Suggested Remedy:**

Remove shading on MDI "box" in Figure 149-1.

**Response:**

**ACCEPT.**

The MDI is not part of the PHY and should not be shaded in Figure 149-1.

**Suggested Remedy:**

Remove shading on MDI "box" in Figure 149-1.

**Response:**

**ACCEPT.**

**Response:**

**Suggested Remedy:**

Remove all empty pages throughout document

**Response:**

**ACCEPT.**

**Comment Type:**

**E**  **Comment Status:**

**A**

**Comment Type:**

**T**  **Comment Status:**

**A**

**Comment Type:**

**E**  **Comment Status:**

**A**

**Comment Type:**

**T**  **Comment Status:**

**A**

**Comment Type:**

**E**  **Comment Status:**

**A**

**Comment Type:**

**E**  **Comment Status:**

**A**

**Comment Type:**

**T**  **Comment Status:**

**A**
Wienckowski, Natalie
General Motors

Comment Type: E
Comment Status: A

Suggested Remedy:
Change: PAM4 for
To: PAM4 for

Response: Response Status: C
ACCEPT.

Wienckowski, Natalie
General Motors

Comment Type: E
Comment Status: A
Page forced to 21

Suggested Remedy:
Change to use next available page number.

Response: Response Status: C
ACCEPT.

Wienckowski, Natalie
General Motors

Comment Type: E
Comment Status: A

Suggested Remedy:
noun/verb agreement

Response: Response Status: C
ACCEPT.
Comment ID 13

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Comment status: D/dispatched  A/accepted  R/rejected  Response status: O/open  W/written  C/closed  Z/withdrawn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: Comment ID

Wienckowski, Natalie  General Motors

Comment Type: E  Comment Status: A

missing periods

Suggested Remedy:
Add periods at end of OK and NOT_OK statements

Response: Response Status: C
ACCEPT.

---

Wienckowski, Natalie  General Motors

Comment Type: E  Comment Status: A

missing periods

Suggested Remedy:
Add periods at end of OK and NOT_OK statements

Response: Response Status: C
ACCEPT.

---

Wienckowski, Natalie  General Motors

Comment Type: E  Comment Status: A

broken link

Suggested Remedy:
Change: stat). To state.

Response: Response Status: C
ACCEPT.

---

Wienckowski, Natalie  General Motors

Comment Type: E  Comment Status: A

broken link

Suggested Remedy:
Change: stat). To state.

Response: Response Status: C
ACCEPT.
Comment Type: E  Comment Status: A  EZ

Suggested Remedy
Add periods at end of SEND_N, SEND_I, SEND_T, SEND_Z statements

Response
Response Status: C

ACCEPT.

Comment ID: 24  Comment Status: D  Type: TR/technical required  Page: 4 of 10
<table>
<thead>
<tr>
<th>Comment ID</th>
<th>SC</th>
<th>Comment Type</th>
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<th>Comment</th>
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</tr>
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<tbody>
<tr>
<td>25</td>
<td>150</td>
<td>E</td>
<td>A</td>
<td>Editorial</td>
<td>Figure 150-13 was not drawn in Frame</td>
</tr>
<tr>
<td>26</td>
<td>149</td>
<td>T</td>
<td>R</td>
<td>PMA</td>
<td>Set peak differential output tolerance to 30%</td>
</tr>
<tr>
<td>28</td>
<td>150</td>
<td>T</td>
<td>A</td>
<td>EZ</td>
<td>Duplicate clause heading: Test Modes</td>
</tr>
<tr>
<td>29</td>
<td>149</td>
<td>T</td>
<td>A</td>
<td>PMA</td>
<td>Set the symbol transmission rate tolerance to 50 ppm.</td>
</tr>
<tr>
<td>30</td>
<td>150</td>
<td>T</td>
<td>A</td>
<td>PMA</td>
<td>Set the short-term rate of frequency variation to 0.1 ppm/second.</td>
</tr>
</tbody>
</table>

Response Status:
- **C**: Closed
- **O**: Open
- **W**: Written
- **Z**: Withdrawn

SORT ORDER: Comment ID
Set the short-term rate of frequency variation to 0.1 ppm/second.

Suggested Remedy
Remove yellow highlighting on 0.1 ppm/second.

Response
Response Status C
ACCEPT.

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

Suggested Remedy
Remove yellow highlighting on 0.1 ppm/second.

Response
Response Status C
ACCEPT IN PRINCIPLE.

This actually Line 34.
<table>
<thead>
<tr>
<th>Comment ID</th>
<th>CI</th>
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<th>Type</th>
<th>P</th>
<th>L</th>
<th>Comment Type</th>
<th>Comment Status</th>
<th>Link Segment</th>
<th>Comment</th>
<th>Suggested Remedy</th>
<th>Response</th>
<th>Response Status</th>
<th>Comment Status</th>
<th>Fault Tolerance</th>
<th>Response</th>
<th>Response Status</th>
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</tr>
</thead>
<tbody>
<tr>
<td>37</td>
<td>149</td>
<td>149.7.1.5</td>
<td>92</td>
<td>32</td>
<td># 37</td>
<td>Wienckowski, Natalie</td>
<td>General Motors</td>
<td>T</td>
<td>A</td>
<td>Set maximum frequency for link segment propagation delay to 300 MHz.</td>
<td>Remove yellow highlighting on 3000 MHz.</td>
<td>ACCEPT IN PRINCIPLE.</td>
<td>Keep yellow highlighting and make the value TBD.</td>
<td>Add Editor's note at start of 149.7 that we need to come to align the maximum frequencies for all link segment parameters.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>38</td>
<td>150</td>
<td>150.7.1.5</td>
<td>140</td>
<td>35</td>
<td># 38</td>
<td>Wienckowski, Natalie</td>
<td>General Motors</td>
<td>T</td>
<td>A</td>
<td>Set maximum frequency for link segment propagation delay to 300 MHz.</td>
<td>Remove yellow highlighting on 3000 MHz.</td>
<td>ACCEPT IN PRINCIPLE.</td>
<td>Keep yellow highlighting and make the value TBD.</td>
<td>Add Editor's note at start of 150.7 that we need to come to align the maximum frequencies for all link segment parameters.</td>
<td></td>
<td></td>
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<tr>
<td>39</td>
<td>149</td>
<td>149.8.1</td>
<td>92</td>
<td>39</td>
<td># 39</td>
<td>Wienckowski, Natalie</td>
<td>General Motors</td>
<td>T</td>
<td>A</td>
<td>This spec should not define a specific MDI connector.</td>
<td>Remove yellow highlighting on: Further specification of the mechanical interface is beyond the scope of this standard.</td>
<td>ACCEPT.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>40</td>
<td>150</td>
<td>150.8.1</td>
<td>140</td>
<td>35</td>
<td># 40</td>
<td>Wienckowski, Natalie</td>
<td>General Motors</td>
<td>T</td>
<td>A</td>
<td>This spec should not define a specific MDI connector.</td>
<td>Remove yellow highlighting on: Further specification of the mechanical interface is beyond the scope of this standard.</td>
<td>ACCEPT.</td>
<td></td>
<td></td>
<td></td>
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<td>149</td>
<td>149.8.3</td>
<td>92</td>
<td>53</td>
<td># 41</td>
<td>Wienckowski, Natalie</td>
<td>General Motors</td>
<td>T</td>
<td>A</td>
<td>The automotive fault tolerance is the same for all communication speeds.</td>
<td>Remove yellow highlighting on: See 96.8.3.</td>
<td>ACCEPT.</td>
<td></td>
<td></td>
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<td>42</td>
<td>150</td>
<td>150.8.3</td>
<td>140</td>
<td>49</td>
<td># 42</td>
<td>Wienckowski, Natalie</td>
<td>General Motors</td>
<td>T</td>
<td>A</td>
<td>The automotive fault tolerance is the same for all communication speeds.</td>
<td>Remove yellow highlighting on: See 96.8.3.</td>
<td>ACCEPT.</td>
<td></td>
<td></td>
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<td></td>
<td></td>
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</tr>
</tbody>
</table>
Comment Type: T  Comment Status: A  EZ

In Table 125-1, the "Description" of 5GBASE-T1 is "TBD modulation". It's not correct!

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

Response:
ACCEPT.

Comment Type: T  Comment Status: A  EZ

EEE is optional for 5GBASE-T1

Suggested Remedy:
Marked as "O"

Response:
ACCEPT IN PRINCIPLE.

Add "O" with underlining in cell (EEE, 5GBASE-T1)
<table>
<thead>
<tr>
<th>Comment ID</th>
<th>Comment Type</th>
<th>Comment Status</th>
<th>Suggested Remedy</th>
<th>Response</th>
<th>Response Status</th>
<th>Comment Description</th>
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</thead>
<tbody>
<tr>
<td>50</td>
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<td>A</td>
<td>Link Sync</td>
<td></td>
<td>C</td>
<td>Make change as defined in Wu_3ch_01a_0918.pdf, Slide 4, bullet 2.</td>
</tr>
<tr>
<td>53</td>
<td>T</td>
<td>A</td>
<td>Link Sync</td>
<td></td>
<td>C</td>
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</tr>
<tr>
<td>51</td>
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<td>C</td>
<td>Make change as defined in Wu_3ch_01a_0918.pdf, Slide 4, bullet 4, subbullet 1.</td>
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**Comment ID 54**

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</thead>
<tbody>
<tr>
<td>T</td>
<td>A</td>
<td>Link Sync</td>
<td></td>
<td>C</td>
</tr>
</tbody>
</table>

Make change as defined in Wu_3ch_01a_0918.pdf, Slide 4, bullet 4, subbullet 2.
### Comment 149

**Comment Type:** T  **Comment Status:** A  **Response:** Link Sync  
SEND_S signaling modification - 703.125MHz

**Suggested Remedy:**
see attached contribution "Wu_3ch_01a_0918.pdf"

**Response:**
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.

### Comment 150

**Comment Type:** E  **Comment Status:** A  **Response:** Late  
PAM4 has four levels

**Suggested Remedy:**
change "three level" to "four level"

**Response:**
ACCEPT IN PRINCIPLE.

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

### Comment 149

**Comment Type:** E  **Comment Status:** A  **Response:** Late  
PAM4 has four levels

**Suggested Remedy:**
change "three level" to "four level"

**Response:**
ACCEPT IN PRINCIPLE.

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