"All equipment subject to this clause may be additionally required to conform to any applicable local, state, or national standards or as agreed to between the customer and supplier." The customer and supplier have no business in an interoperability spec. Delete this text.

**Suggested Remedy**

Change to: "All equipment subject to this clause may be additionally required to conform to any applicable local, state, or national standards."

**Proposed Response**

PROPOSED ACCEPT IN PRINCIPLE.

**Comment Status**

D

**Response Status**

W

To: All equipment subject to this clause shall conform to all applicable local, state, national, and application-specific standards.

---

"In addition, the system may need to comply with more stringent requirements as agreed upon between customer and supplier, for the limitation of electromagnetic interference." The customer and supplier have no business in an interoperability spec. Delete this text.

**Suggested Remedy**

Change to: "In addition, the system may need to comply with more stringent requirements for the limitation of electromagnetic interference."

**Proposed Response**

PROPOSED ACCEPT IN PRINCIPLE.

**Comment Status**

D

**Response Status**

W

---

**Comment Type**

T

Add Section 78.1.4, Table 78-1 with 2.5GBASE-T1, 5GBASE-T1 and 10GBASE-T1, all referenced to Clause 149.

**Suggested Remedy**

Insert a row for 2.5GBASE-T1 after 2.5GBASE-T, insert a row for 5GBASE-T1 after 5GBASE-T, and insert a row for 10GBASE-T1 after 10GBASE-T.

**Proposed Response**

PROPOSED ACCEPT.

**Comment Status**

D

**Response Status**

W

---

**Comment Type**

E

Renumber figures and change editor instruction

**Suggested Remedy**

Change editor instruction to: Replace Figure 44-1 with Figure 44-1a and Figure 44-1b as shown below.

**Proposed Response**

PROPOSED ACCEPT IN PRINCIPLE.

**Comment Status**

D

**Response Status**

W

---

**Comment Type**

E

Combine current figures into a single figure with two separate drawings in it.

**Proposed Response**

PROPOSED ACCEPT IN PRINCIPLE.

**Response Status**

W

Grant editorial license to modify figures and/or keep as two figures to fit on a single page.
Ci 125 SC 125.1.2 P33 L8 # 18
Wienckowski, Natalie General Motors

Comment Type E Comment Status D EZ
Renumber figures and change editor instruction

SuggestedRemedy
Change editor instruction to: Replace Figure 125-1 (as modified by IEEE Std 802.3cb-2018) with Figure 125-1a and Figure 125-1b as shown below. Insert the following text at the end of the list after d) of 125.1.2 (as modified by IEEE Std 802.3cb-2018) as follows:
Renumber Figure 125-1 to 125-1a.
Renumber Figure 125-1a to 125-1b.

Proposed Response Response Status W
PROPOSED ACCEPT IN PRINCIPLE.

Ci 149 SC 149.1 P38 L17 #
Wienckowski, Natalie General Motors

Comment Type E Comment Status D EZ
missing comma

SuggestedRemedy
Change "The 2.5GBASE-T1, 5GBASE-T1, and 10GBASE-T1 PHYs" to "The 2.5GBASE-T1, 5GBASE-T1, and 10GBASE-T1 PHYs".

Proposed Response Response Status W
PROPOSED ACCEPT.

Ci 149 SC 149.1 P38 L19 # 8
Wienckowski, Natalie General Motors

Comment Type E Comment Status D EZ
missing comma

SuggestedRemedy
Change "64B/65B encoding" to "64B/65B encoding".

Proposed Response Response Status W
PROPOSED ACCEPT.

Ci 149 SC 149.1.3 P39 L14 # 50
Tu, Mike Broadcom

Comment Type TR Comment Status D EZ
Change "TBD encoding" to "64B/65B encoding".

SuggestedRemedy
Change "TBD encoding" to "64B/65B encoding".

Proposed Response Response Status W
PROPOSED ACCEPT.
When Auto-Negotiation is not used, MASTER and SLAVE must be synchronized by the PHY Link Synchronization function as defined in 149.4.2.6.

**Suggested Remedy**
Change "The MASTER and SLAVE are synchronized by a PHY Link Synchronization function ..." to "The MASTER and SLAVE shall be synchronized by the PHY Link Synchronization function ..."

**Proposed Response**
PROPOSED ACCEPT.

**Comment Type**: TR  
**Comment Status**: D  
**EZ**

**Comment**
When Auto-Negotiation is not used, MASTER and SLAVE must be synchronized by the PHY Link Synchronization function as defined in 149.4.2.6.

**Suggested Remedy**
Change "The MASTER and SLAVE are synchronized by a PHY Link Synchronization function ..." to "The MASTER and SLAVE shall be synchronized by the PHY Link Synchronization function ..."

**Proposed Response**
PROPOSED ACCEPT.

**Comment Type**: E  
**Comment Status**: D  
**EZ**

**Comment**
these PHYs use XGMII

**Suggested Remedy**
delete "on any pair combination."

**Proposed Response**
PROPOSED ACCEPT.

**Comment Type**: E  
**Comment Status**: D  
**EZ**

**Comment**
this is a single pair PHY

**Suggested Remedy**
delete "on any pair combination."

**Proposed Response**
PROPOSED ACCEPT.

**Comment Type**: E  
**Comment Status**: D  
**EZ**

**Comment**
PAM has four transmit voltage levels

**Suggested Remedy**
Change "one of ??? Power levels" to "one of four voltage levels"

**Proposed Response**
PROPOSED ACCEPT.

**Comment Type**: E  
**Comment Status**: D  
**EZ**

**Comment**
Make DISABLE and ENABLE statements parallel.

**Suggested Remedy**
Change "Used by the Auto-Negotiation to enable the PHY." to "Used by the Auto-Negotiation function to enable the PHY."

**Proposed Response**
PROPOSED ACCEPT.
Layer Specifications and Management Parameters for Greater Than 1 Gb/s Automotive Ethernet 2nd T.

Comment Type: E
Comment Status: EZ

Suggested Remedy:
- Change "for 5GBASE-T1 and 5625 MHz for" to "for 5GBASE-T1, and 5625 MHz for"

Proposed Response: PROPOSED ACCEPT.

Comment Type: E
Comment Status: EZ

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

Proposed Response: PROPOSED ACCEPT.

Comment Type: E
Comment Status: EZ

Suggested Remedy:
- Change "/O/, /S/ and /T/" to "/O/, /S/, and /T/"

Proposed Response: PROPOSED ACCEPT.

Comment Type: E
Comment Status: EZ

Suggested Remedy:
- Change "2.5, 5 and 10" to "2.5, 5, and 10"

Proposed Response: PROPOSED ACCEPT.

Comment Type: TR
Comment Status: EZ

Suggested Remedy:
- Input should be m325, m324, ...

Proposed Response: PROPOSED ACCEPT.

Comment Type: E
Comment Status: EZ

Suggested Remedy:
- Change "the local transmitter, the channel and remote receiver." to "the local transmitter, the channel, and remote receiver.

Proposed Response: PROPOSED ACCEPT.

Comment Type: E
Comment Status: EZ

Suggested Remedy:
- Redraw Figure 149-20 in FM.

Proposed Response: PROPOSED ACCEPT.

Comment Type: E
Comment Status: EZ

Suggested Remedy:
- Change "2.5 Gb/s, 5 Gb/s and 10 Gb/s" to "2.5 Gb/s, 5 Gb/s, and 10 Gb/s"

Proposed Response: PROPOSED ACCEPT.
Layer Specifications and Management Parameters for Greater Than 1 Gb/s Automotive Ethernet 2nd T.

Comment Type: E
Comment Status: D
Suggested Remedy:
Change "2.5GBASE-T1, 5GBASE-T1 and 10GBASE-T1" to "2.5GBASE-T1, 5GBASE-T1, and 10GBASE-T1".
Proposed Response: Response Status: W
PROPOSED ACCEPT.

Comment Type: TR
Comment Status: D
Suggested Remedy:
The interleaving depths have not yet been determined.
Proposed Response: Response Status: W
PROPOSED ACCEPT IN PRINCIPLE. That is why there are currently highlighted in yellow. See Comment #29.

Comment Type: E
Comment Status: D
Suggested Remedy:
10GBASE-T1 does not have a LDPC PCS.
Proposed Response: Response Status: W
PROPOSED ACCEPT IN PRINCIPLE. Change "LDPC PCS" to "64B/65B RS-FEC PCS".

Comment Type: TR
Comment Status: D
Suggested Remedy:
An agreement by the task force is required.
Proposed Response: Response Status: W
PROPOSED ACCEPT IN PRINCIPLE.
That is why there are currently highlighted in yellow.

Comment Type: TR
Comment Status: D
Suggested Remedy:
The PAM2 transmit levels have not yet been determined.
Proposed Response: Response Status: W
PROPOSED ACCEPT IN PRINCIPLE.
That is why there are currently highlighted in yellow. See Comment #29.

Comment Type: TR
Comment Status: D
Suggested Remedy:
An agreement by the task force is required.
Proposed Response: Response Status: W
PROPOSED ACCEPT IN PRINCIPLE.
That is why there are currently highlighted in yellow. See Comment #29.
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<td>Need to specify the meaning of &quot;50 blocks&quot;</td>
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<td>symbol period scales with 1/S not with S</td>
<td>W</td>
<td>PROPOSED ACCEPT.</td>
</tr>
</tbody>
</table>

Comment Type TR, Comment Status D
Need to specify the meaning of "50 blocks"

SuggestedRemedy
- Change "each group of 50 blocks" to "each group of 50 64B/65B blocks"

Proposed Response Response Status W
PROPOSED ACCEPT.

Comment Type E, Comment Status D
figure references should be clause 149 instead of 136

SuggestedRemedy
- change "136" to "149" in multiple locations

Proposed Response Response Status W
PROPOSED ACCEPT IN PRINCIPLE.
- Update the references, which are currently highlighted in yellow, to the appropriate references when the Figures are provided and added to the document.

Comment Type T, Comment Status D
symbol period scales with 1/S not with S

SuggestedRemedy
- Change "x S" to "/ S"

Proposed Response Response Status W
PROPOSED ACCEPT.

Comment Type E, Comment Status D
indexes usually start at zero

SuggestedRemedy
- change indexes from 1 through 1800 to 0 through 1799

Proposed Response Response Status W
PROPOSED ACCEPT IN PRINCIPLE.
- Should Page 56, Line 33 also be changed?

Comment Type TR, Comment Status D
There should be 1800 rx_PAM4 symbols per RS FEC frame. The figure is showing 1801 rx_PAM4 symbols.

SuggestedRemedy
- Option 1: Change "rx_PAM4n (PMA)" to "rx_PAM4n+1 (PMA)"
- Option 2: Change "rx_PAM4n+1800 (PMA)" to "rx_PAM4n+1799 (PMA)"

Proposed Response Response Status W
PROPOSED ACCEPT IN PRINCIPLE.
- See Comment #41

Comment Type E, Comment Status D
a block has 1800 symbols

SuggestedRemedy
- change "n+1800" to "n+1799"

Proposed Response Response Status W
PROPOSED ACCEPT.
al Layer Specifications and Management Parameters for Greater Than 1 Gb/s Automotive Ethernet 2nd T:

Comment Type: E  Comment Status: D  PCS
figure references should be clause 149 instead of 136

SuggestedRemedy
change "136" to "149" in multiple locations

Proposed Response  Response Status: W
PROPOSED ACCEPT IN PRINCIPLE.
Update the references, which are currently highlighted in yellow, to the appropriate references when the Figures are provided and added to the document.

Comment Type: T  Comment Status: D  Synchronization
Change 1 us to 1.25 us per send_s_timer

SuggestedRemedy
Change "the MASTER PHY sends a synchronization sequence for 1 µs." to "the MASTER PHY sends a synchronization sequence for 1.25 µs."

Proposed Response  Response Status: W
PROPOSED ACCEPT.

Comment Type: T  Comment Status: D  Synchronization
Change to 5 us per sigdet_wait_timer.

SuggestedRemedy
Change "after the SLAVE response for 4 µs" to "after the SLAVE response for 5 µs".

Proposed Response  Response Status: W
PROPOSED ACCEPT.