Comment:

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.
Renumber Figure 44-1 to 44-1a.
Renumber Figure 44-1a to 44-1b.

Response:

ACCEPT IN PRINCIPLE.

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

Grant editorial license to modify figures and/or keep as two figures to fit on a single page.

---

Comment:

Renumber figures and change editor instruction

Suggested Remedy:

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.

Response:

ACCEPT IN PRINCIPLE.

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

Grant editorial license to modify figures and/or keep as two figures to fit on a single page.

---

Comment:

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.

Response:

ACCEPT.

---

Comment:

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.

Response:

ACCEPT.
<table>
<thead>
<tr>
<th>CI 149</th>
<th>SC 149.1</th>
<th>P38</th>
<th>L17</th>
<th># 7</th>
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<td>SuggestedRemedy:</td>
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<tr>
<td>Change &quot;The 2.5GBASE-T1, 5GBASE-T1 and 10GBASE-T1 PHYs&quot; to &quot;The 2.5GBASE-T1, 5GBASE-T1, and 10GBASE-T1 PHYs&quot;</td>
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<th>P39</th>
<th>L17</th>
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<td>Need to specify the meaning of &quot;50 blocks&quot;</td>
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<tr>
<td>Change &quot;each group of 50 blocks&quot; to &quot;each group of 50 64B/65B blocks&quot;</td>
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<td>Change &quot;each group of 50 blocks&quot; to &quot;each group of 50 64B/65B blocks&quot;</td>
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<td>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.</td>
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<td>Change &quot;The MASTER and SLAVE are synchronized by a PHY Link Synchronization function ...&quot; to &quot;The MASTER and SLAVE shall be synchronized by the PHY Link Synchronization function ...&quot;</td>
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<tr>
<td>Change &quot;TBD encoding&quot; to &quot;64B/65B encoding&quot;</td>
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<td>SuggestedRemedy:</td>
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<tr>
<td>Change &quot;10GBASE-T1over&quot; to &quot;10GBASE-T1 over&quot;</td>
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<tr>
<td>Response: Response Status: C</td>
<td>ACCEPT.</td>
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</table>
Change awkward wording: A 10-bit OAM field is next appended
SuggestedRemedy
   Change "A 10-bit OAM field is next appended" to "Next, a 10-bit OAM field is appended".
Response  Response Status  C
ACCEPT.

These PHYs use XGMII
SuggestedRemedy
   Change "GMII" to "XGMII". Also on line 34.
Response  Response Status  C
ACCEPT.

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."
Response  Response Status  C
ACCEPT.
There should be 1800 rx_PAM4 symbols per RS FEC frame. The figure is showing 1801 rx_PAM4 symbols.

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

ACCEPT IN PRINCIPLE.
See Comment #41 where we changed to option 2.

this is a single pair PHY

delete "on any pair combination."

PAM4 has four transmit voltage levels

Change "one of ??? Power levels" to "one of four voltage levels"

ACCEPT.

Make DISABLE and ENABLE statements parallel.

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

ACCEPT.

for 5GBASE-T1, and 5625 MHz for

Add periods at the end of the OK and NOT_OK statements.

ACCEPT.
P802.3 D0p6

:al Layer Specifications and Management Parameters for Greater Than 1 Gb/s Automotive Ethernet 2nd Ed

Cl 149 SC 149.3.2.2 P53 L 3 # 50
McClellan, Brett Marvell

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 Z
REJECT.

This comment was WITHDRAWN by the commenter.

Update the references, which are currently highlighted in yellow, to the appropriate references when the Figures are provided and added to the document.

Cl 149 SC 149.3.2.2 P53 L 24 # 43
McClellan, Brett Marvell

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

SuggestedRemedy
Change "x S" to "/ S"

Response Response Status C
ACCEPT.

Cl 149 SC 149.3.2.2 P53 L 32 # 35
Tu, Mike Broadcom

Comment Type TR Comment Status R
PAM2 levels

The PAM2 transmit levels have not yet been determined.

SuggestedRemedy
An agreement by the task force is required.

Response Response Status C
REJECT.
That is why there are currently highlighted in yellow. See Comment #29.

Cl 149 SC 149.3.2.2 P54 L 1 # 35
Tu, Mike Broadcom

Comment Type TR Comment Status R
Interleaving

The interleaving depths have not yet been determined.

SuggestedRemedy
An agreement by the task force is required.

Response Response Status C
REJECT.
That is why there are currently highlighted in yellow.

Cl 149 SC 149.3.2.2.3 P54 L 33 # 1
Wienckowski, Natalie General Motors

Comment Type E Comment Status A
PAM2 levels

SuggestedRemedy
accept highlighted text for PAM 2 levels

Response Response Status C
ACCEPT.

Cl 149 SC 149.3.2.2 P53 L 32 # 29
Wienckowski, Natalie General Motors

Comment Type T Comment Status A
missing comma

SuggestedRemedy
Change "/OI, /SI and /TI" to "/OI, /SI, and /TI".

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
McClellan, Brett Marvell

Comment Type: E  Comment Status: A  PCS

indexes usually start at zero

SuggestedRemedy
change indexes from 1 through 1800 to 0 through 1799

Response  Response Status: C

ACCEPT IN PRINCIPLE.
The editor will also change this on page 56, Line 33.

McClellan, Brett Marvell

Comment Type: E  Comment Status: A  PCS

a block has 1800 symbols

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

Response  Response Status: C

ACCEPT.

Wienckowski, Natalie General Motors

Comment Type: E  Comment Status: A  EZ

missing comma

SuggestedRemedy
Change "2.5, 5 and 10" to "2.5, 5, and 10."

Response  Response Status: C

ACCEPT.

Wienckowski, Natalie General Motors

Comment Type: E  Comment Status: A  EZ

missing comma

SuggestedRemedy
Change "the local transmitter, the channel and remote receiver." to "the local transmitter, the channel, and remote receiver."

Response  Response Status: C

ACCEPT.
Carryover of comment #24 from D0p5.

Suggested Remedy
Redraw Figure 149-20 in FM.

ACCEPT.

Wienckowski, Natalie General Motors

Comment Type E Comment Status A EZ

missing comma

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".

ACCEPT.

Wienckowski, Natalie General Motors

Comment Type E Comment Status A EZ

Suggested Remedy
"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, national, and application-specific standards."

ACCEPT.

Wienckowski, Natalie General Motors

Comment Type ER Comment Status A Conformance

Suggested Remedy
"Exact test setup and test limit values may be adapted to each specific application, subject to agreement between the customer and the supplier." the customer and supplier have no business in an interoperability spec. Delete this text.

Suggested Remedy
change to: "Exact test setup and test limit values may be adapted to each specific application."

ACCEPT.

Jones, Chad Cisco

Comment Type ER Comment Status A Conformance

Suggested Remedy
Change "2.5GBASE-T1, 5GBASE-T1 and 10GBASE-T1" to "2.5GBASE-T1, 5GBASE-T1, and 10GBASE-T1"

ACCEPT.

Jones, Chad Cisco

Comment Type E Comment Status A EZ

Suggested Remedy
"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."

ACCEPT.
Comment Type  E  Comment Status  A  EZ

SuggestedRemedy

- Change "cable, PCB connectors and inline connectors" to "cable, PCB connectors, and inline connectors".

Response  

Response Status  C  ACCEPT.