Cl **FM** *SC* **FM** *P* **1** *L* **28** # 19

Wienckowski, Natalie General Motors

Comment Type **E** *Comment Status* **X**

remove TBD

SuggestedRemedy

Change: TBD
To: physical layer specifications and management parameters for 25 Gb/s, 50 Gb/s, and 100 Gb/s operation on automotive cabling in an automotive application

Proposed Response *Response Status* **O**

Cl **98** *SC* **98** *P* **59** *L* **1** # 9

Tu, Mike Broadcom

Comment Type **TR** *Comment Status* **X**

Add changes in Clause 98 Auto-Negotiation for single differential-pair media

SuggestedRemedy

Insert under "98.5.1 State diagram variables": 25GigT1; represents that the 25GBASE-T1 PMA is the signal source. 50GigT2; represents that the 50GBASE-T2 PMA is the signal source. 100GigT4; represents that the 100GBASE-T4 PMA is the signal source."

Proposed Response *Response Status* **O**

Cl **165** *SC* **165.1.1** *P* **69** *L* **29** # 10

Tu, Mike Broadcom

Comment Type **TR** *Comment Status* **X**

802.3cy relies on multi-lane link segments instead of frequency scaling for higher speeds.

SuggestedRemedy

Change "… subject to frequency scaling" to "… subject to aggregation of multiple lanes"

Proposed Response *Response Status* **O**

Cl **165** *SC* **165.2.2.4.2** *P* **79** *L* **21** # 11

Tu, Mike Broadcom

Comment Type **TR** *Comment Status* **X**

Baud rate is 14 062.5Mbaud

SuggestedRemedy

Change "TBD MHz" to "14 0625 MHz"

Proposed Response *Response Status* **O**

Cl **165** *SC* **165.3.2.2.22** *P* **98** *L* **8** # 12

Tu, Mike Broadcom

Comment Type **T** *Comment Status* **X**

Speed scaling factor "s" no longer exists in 802.3cy

SuggestedRemedy

Change all entries in the last row to TBD

Proposed Response *Response Status* **O**

Cl **165** *SC* **165.3.2.3** *P* **99** *L* **13** # 21

Wienckowski, Natalie General Motors

Comment Type **T** *Comment Status* **X**

alert_detect is created by the PMA Receive function

SuggestedRemedy

Change: The quiet-refresh cycle continues until the link synchronization detect asserts alert_detect
To: The quiet-refresh cycle continues until the PMA Receive function asserts alert_detect

Proposed Response *Response Status* **O**

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COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed Z/withdrawn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

Cl **165**
SC **165.3.2.3**

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Cl **165** *SC* **165.4.1**   *P* **133** *L* **48** # 20

Wienckowski, Natalie   General Motors

Comment Type **T** *Comment Status* **X**

Move alert_detect signal that is created by PMA RECEIVE, not LINK SYNCHRONIZATION.

SuggestedRemedy

Move alert_detect dashed line and name that is out of LINK SYNCHRONIZATION to be out of PMA RECEIVE.

Proposed Response *Response Status* **O**

Cl **165** *SC* **165.5.2**   *P* **152** *L* **38** # 13

Wienckowski, Natalie   General Motors

Comment Type **T** *Comment Status* **X**

remove xxx

SuggestedRemedy

Change: xxx
To: Figure 165-39

Proposed Response *Response Status* **O**

Cl **165** *SC* **165.5.2**   *P* **152** *L* **41** # 14

Wienckowski, Natalie   General Motors

Comment Type **T** *Comment Status* **X**

remove TBD

SuggestedRemedy

Change: TBD
To: The recommended maximum insertion loss from TP2 to TP0 or from TP3 to TP5 including the test fixture is provided in 165A.2.1.

Proposed Response *Response Status* **O**

Cl **165** *SC* **165.5.5.1**   *P* **158** *L* **13** # 16

Wienckowski, Natalie   General Motors

Comment Type **T** *Comment Status* **X**

Since the right side has TP2/TP3, the left side should have TP0/TP5.

SuggestedRemedy

Change: TP0
To: TP0/TP5

Proposed Response *Response Status* **O**

Cl **165** *SC* **165.5.5.1**   *P* **158** *L* **22** # 15

Wienckowski, Natalie   General Motors

Comment Type **E** *Comment Status* **X**

remove xxx

SuggestedRemedy

Change: xxx
To: Host Test Fixture

Proposed Response *Response Status* **O**

Cl **165** *SC* **165.5.5.2**   *P* **158** *L* **52** # 17

Wienckowski, Natalie   General Motors

Comment Type **E** *Comment Status* **X**

remove xxx

SuggestedRemedy

Change: xxx
To: Link Segment Test Fixture

Proposed Response *Response Status* **O**

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

Cl **165**
SC **165.5.5.2**

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1/12/2022 12:42:48 PM

Cl **165**   *SC* **165.5.5.3**   *P* **159**   *L* **15**   # 18

Wienckowski, Natalie   General Motors

Comment Type **E**   *Comment Status* **X**

  remove xxx

SuggestedRemedy

  Change: xxx
  To: Mated Test Fixtures

Proposed Response   *Response Status* **O**

Cl **165**   *SC* **165.7.1.1**   *P* **160**   *L* **41**   # 8

Tu, Mike   Broadcom

Comment Type **TR**   *Comment Status* **X**

  See https://www.ieee802.org/3/cy/public/adhoc/feyh_3cy_01_01_12_07_21.pdf

SuggestedRemedy

  1. Change frequency range from"10<=f<=9000" to "1<=f<=9000"
  2. Add: "Calculations that result in insertion loss values less than 1 dB shall revert to a
  requirement of 1 dB maximum."

Proposed Response   *Response Status* **O**

Cl **165A**   *SC* **165A.1**   *P* **189**   *L* **16**   # 22

Wienckowski, Natalie   General Motors

Comment Type **E**   *Comment Status* **X**   *late*

  correct table reference

SuggestedRemedy

  Change: Table 165-y1
  To: Table 165-17

Proposed Response   *Response Status* **O**

Cl **165A**   *SC* **165A.2.1**   *P* **190**   *L* **29**   # 23

Wienckowski, Natalie   General Motors

Comment Type **T**   *Comment Status* **X**   *late*

  Motion #3 of November plenary was not implemented properly

SuggestedRemedy

  Change: 1 <= f <= 9000
  To: 10 <= f <= 9000

Proposed Response   *Response Status* **O**

Cl **165A**   *SC* **165A.2.1**   *P* **190**   *L* **40**   # 24

Wienckowski, Natalie   General Motors

Comment Type **T**   *Comment Status* **X**   *late*

  Motion #3 of November plenary was not implemented properly

SuggestedRemedy

  Change: 1 <= f <= 9000
  To: 10 <= f <= 9000

Proposed Response   *Response Status* **O**

Cl **165A**   *SC* **165A.3**   *P* **191**   *L* **5**   # 26

Wienckowski, Natalie   General Motors

Comment Type **E**   *Comment Status* **X**   *late*

  Motion #3 of November plenary was not implemented properly

SuggestedRemedy

  Add text after the range of f: for Equation (165A-3), Equation (165A-4), and Equation
  (165A-5).

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general   *Cl* **165A**   Page 3 of 4
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed Z/withdrawn   *SC* **165A.3**   1/12/2022 12:42:48 PM
SORT ORDER: Clause, Subclause, page, line

Cl **165A**   *SC* **165A.3**   *P* **191**   *L* **5**   # 25

Wienckowski, Natalie   General Motors

Comment Type   **T**   *Comment Status* **X**   late

     Motion #3 of November plenary was not implemented properly

SuggestedRemedy

     Change: $1 \le f \le 9000$
     To: $10 \le f \le 9000$

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general   *Cl* **165A**   Page 4 of 4
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed Z/withdrawn   *SC* **165A.3**   1/12/2022 12:42:48 PM
SORT ORDER: Clause, Subclause, page, line