

Comments Received

IEEE P802.3cy D0.4 10G+ Auto Task Force 1st Task Force review comments

CI **FM** SC **FM** P1 L28 # 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**

CI **98** SC **98** P59 L1 # 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**

CI **165** SC **165.1.1** P69 L29 # 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**

CI **165** SC **165.2.2.4.2** P79 L21 # 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**

CI **165** SC **165.3.2.2.2** P98 L8 # 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**

CI **165** SC **165.3.2.3** P99 L13 # 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**

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CI 165 SC 165.4.1 P133 L48 # 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

CI 165 SC 165.5.5.1 P158 L13 # 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

CI 165 SC 165.5.2 P152 L38 # 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

CI 165 SC 165.5.5.1 P158 L22 # 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

CI 165 SC 165.5.2 P152 L41 # 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

CI 165 SC 165.5.5.2 P158 L52 # 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

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Cl 165 SC 165.5.5.3 P159 L15 # 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 P160 L41 # 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