Approved Responses

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

| C/FM SC FM | P1 | L 28 | # 19 | C/ 165 SC 165.2.2.4.2 | P 79 | L 21 | # 11 |
|--|--|--|--|--|---|------------------|----------------------|
| Vienckowski, Natalie | General Motor | rs | | Tu, Mike | Broadcom | | |
| Comment Type E remove TBD | Comment Status A | | bucket | Comment Type TR Baud rate is 14 062.5Mba | Comment Status A | | |
| SuggestedRemedy | | | | SuggestedRemedy | | | |
| Change: TBD | | | | Change "TBD MHz" to "14 | 4 0625 MHz" | | |
| | ecifications and management p a automotive cabling in an auto | | | | Response Status C | | |
| Response | Response Status C | | | ACCEPT IN PRINCIPLE. | | | |
| ACCEPT. | | | | Change "TBD MHz" to "14 | 4 062.5 MHz" | | |
| 5/98 SC 98 | P 59 | L1 | # 9 | C/ 165 SC 165.3.2.2.22 | 2 P 98 | L 8 | # 12 |
| u, Mike | Broadcom | | | Tu, Mike | Broadcom | | |
| a, mino | | | | , | | | |
| | Comment Status A | | | Comment Type T | Comment Status A | | |
| omment Type TR | Comment Status A e 98 Auto-Negotiation for singl | le differential-pa | air media | Comment Type T Speed scaling factor "s" n | | | |
| Comment Type TR | | le differential-pa | air media | <i>,</i> | | | |
| Comment Type TR Add changes in Claus SuggestedRemedy | | · | | Speed scaling factor "s" n | o longer exists in 802.3cy | | |
| Comment Type TR Add changes in Claus uggestedRemedy Insert under "98.5.1 S PMA is the signal sou | e 98 Auto-Negotiation for singl tate diagram variables": 25Gig rce. 50GigT2; represents that t | T1; represents t the 50GBASE-T | that the 25GBASE-T1 ^{[2} PMA is the signal | Speed scaling factor "s" n SuggestedRemedy Change all entries in the la | io longer exists in 802.3cy ast row to TBD | | |
| Comment Type TR Add changes in Claus uggestedRemedy Insert under "98.5.1 S PMA is the signal sou source. 100GigT4; rep | e 98 Auto-Negotiation for singl tate diagram variables": 25Gig rce. 50GigT2; represents that to presents that the 100GBASE-T | T1; represents t the 50GBASE-T | that the 25GBASE-T1 ^{[2} PMA is the signal | Speed scaling factor "s" n SuggestedRemedy Change all entries in the la Response | o longer exists in 802.3cy | | |
| omment Type TR Add changes in Claus uggestedRemedy Insert under "98.5.1 S PMA is the signal sou source. 100GigT4; rep esponse | e 98 Auto-Negotiation for singl tate diagram variables": 25Gig rce. 50GigT2; represents that t presents that the 100GBASE-T <i>Response Status</i> C | T1; represents t the 50GBASE-T | that the 25GBASE-T1 Γ2 PMA is the signal | Speed scaling factor "s" n SuggestedRemedy Change all entries in the la Response ACCEPT. | io longer exists in 802.3cy ast row to TBD <i>Response Status</i> C | | |
| Comment Type TR Add changes in Claus uggestedRemedy Insert under "98.5.1 S PMA is the signal sou source. 100GigT4; rep | e 98 Auto-Negotiation for singl tate diagram variables": 25Gig rce. 50GigT2; represents that t presents that the 100GBASE-T <i>Response Status</i> C | T1; represents t the 50GBASE-T | that the 25GBASE-T1 Γ2 PMA is the signal | Speed scaling factor "s" n SuggestedRemedy Change all entries in the la Response | io longer exists in 802.3cy ast row to TBD | L13 | # 21 |
| Comment Type TR Add changes in Claus SuggestedRemedy Insert under "98.5.1 S PMA is the signal sour source. 100GigT4; rep Response ACCEPT IN PRINCIP | e 98 Auto-Negotiation for singl tate diagram variables": 25Gig rce. 50GigT2; represents that t presents that the 100GBASE-T <i>Response Status</i> C | gT1; represents t the 50GBASE-T ⁻ 4 PMA is the sig | that the 25GBASE-T1 I2 PMA is the signal Ignal source." | Speed scaling factor "s" n SuggestedRemedy Change all entries in the la Response ACCEPT. C/ 165 SC 165.3.2.3 Wienckowski, Natalie | io longer exists in 802.3cy ast row to TBD <i>Response Status</i> C <i>P</i> 99 General Moto | | # 21 |
| Add changes in Claus uggestedRemedy Insert under "98.5.1 S PMA is the signal sour source. 100GigT4; rep esponse ACCEPT IN PRINCIP Changes per commen | e 98 Auto-Negotiation for singl tate diagram variables": 25Gig rce. 50GigT2; represents that to presents that the 100GBASE-T <i>Response Status</i> C LE. | gT1; represents t the 50GBASE-T ⁻ 4 PMA is the sig | that the 25GBASE-T1 I2 PMA is the signal Ignal source." | Speed scaling factor "s" n SuggestedRemedy Change all entries in the la Response ACCEPT. C/ 165 SC 165.3.2.3 Wienckowski, Natalie | io longer exists in 802.3cy ast row to TBD <i>Response Status</i> C <i>P</i> 99 General Moto <i>Comment Status</i> A | nrs | # 21 |
| Comment Type TR Add changes in Claus SuggestedRemedy Insert under "98.5.1 S PMA is the signal sour source. 100GigT4; rep Response ACCEPT IN PRINCIP Changes per commen | e 98 Auto-Negotiation for singl tate diagram variables": 25Gig rce. 50GigT2; represents that to presents that the 100GBASE-T <i>Response Status</i> C LE. at + insert heading for Clause 9 | T1; represents t the 50GBASE-T 4 PMA is the sig 8 and subclause | that the 25GBASE-T1 T2 PMA is the signal gnal source." te 98.5 | Speed scaling factor "s" n SuggestedRemedy Change all entries in the la Response ACCEPT. Cl 165 SC 165.3.2.3 Wienckowski, Natalie Comment Type T | io longer exists in 802.3cy ast row to TBD <i>Response Status</i> C <i>P</i> 99 General Moto <i>Comment Status</i> A | nrs | # 2 <u>1</u> |
| Add changes in Claus uggestedRemedy Insert under "98.5.1 S PMA is the signal sou source. 100GigT4; rep esponse ACCEPT IN PRINCIP Changes per commen 1 165 SC 165.1.1 u, Mike comment Type TR | e 98 Auto-Negotiation for singl tate diagram variables": 25Gig rce. 50GigT2; represents that to presents that the 100GBASE-T <i>Response Status</i> C LE. at + insert heading for Clause 9 <i>P</i> 69 | T1; represents t the 50GBASE-T 4 PMA is the sig 88 and subclause <i>L</i> 29 | that the 25GBASE-T1 T2 PMA is the signal gnal source." ee 98.5 # 10 | Speed scaling factor "s" n SuggestedRemedy Change all entries in the la Response ACCEPT. Cl 165 SC 165.3.2.3 Wienckowski, Natalie Comment Type T alert_detect is created by | io longer exists in 802.3cy ast row to TBD <i>Response Status</i> C <i>P</i> 99 General Moto <i>Comment Status</i> A the PMA Receive function | rs | |
| omment Type TR Add changes in Claus uggestedRemedy Insert under "98.5.1 S PMA is the signal sour source. 100GigT4; rep esponse ACCEPT IN PRINCIP Changes per comment / 165 SC 165.1.1 u, Mike omment Type TR 802.3cy relies on mult | e 98 Auto-Negotiation for singl tate diagram variables": 25Gig rce. 50GigT2; represents that to presents that the 100GBASE-T <i>Response Status</i> C LE. at + insert heading for Clause 9 <i>P</i> 69 Broadcom <i>Comment Status</i> A | T1; represents t the 50GBASE-T 4 PMA is the sig 88 and subclause <i>L</i> 29 | that the 25GBASE-T1 T2 PMA is the signal gnal source." ee 98.5 # 10 | Speed scaling factor "s" n SuggestedRemedy Change all entries in the la Response ACCEPT. Cl 165 SC 165.3.2.3 Wienckowski, Natalie Comment Type T alert_detect is created by SuggestedRemedy Change: The quiet-refres | ast row to TBD Response Status C P99 General Moto Comment Status A the PMA Receive function h cycle continues until the | link synchroniza | ation detect asserts |
| omment Type TR Add changes in Claus uggestedRemedy Insert under "98.5.1 S PMA is the signal sour source. 100GigT4; rep esponse ACCEPT IN PRINCIP Changes per commen / 165 SC 165.1.1 u, Mike omment Type TR 802.3cy relies on mult uggestedRemedy | e 98 Auto-Negotiation for singl tate diagram variables": 25Gig rce. 50GigT2; represents that to presents that the 100GBASE-T <i>Response Status</i> C LE. at + insert heading for Clause 9 <i>P</i> 69 Broadcom <i>Comment Status</i> A i-lane link segments instead of | T1; represents t the 50GBASE-T 4 PMA is the sig 88 and subclause <i>L</i> 29 f frequency scali | that the 25GBASE-T1 f2 PMA is the signal gnal source." se 98.5 # 10 ling for higher speeds. | Speed scaling factor "s" n SuggestedRemedy Change all entries in the la Response ACCEPT. Cl 165 SC 165.3.2.3 Wienckowski, Natalie Comment Type T alert_detect is created by SuggestedRemedy Change: The quiet-refress alert_detect To: The quiet-refresh cyc | ast row to TBD Response Status C P99 General Moto Comment Status A the PMA Receive function h cycle continues until the | link synchroniza | ation detect asserts |
| Comment Type TR Add changes in Claus SuggestedRemedy Insert under "98.5.1 S PMA is the signal sour source. 100GigT4; rep Response ACCEPT IN PRINCIP Changes per commen Changes per commen (1 165 SC 165.1.1) Tu, Mike Comment Type TR 802.3cy relies on mult SuggestedRemedy | e 98 Auto-Negotiation for singl tate diagram variables": 25Gig rce. 50GigT2; represents that to presents that the 100GBASE-T <i>Response Status</i> C LE. at + insert heading for Clause 9 <i>P</i> 69 Broadcom <i>Comment Status</i> A | T1; represents t the 50GBASE-T 4 PMA is the sig 88 and subclause <i>L</i> 29 f frequency scali | that the 25GBASE-T1 f2 PMA is the signal gnal source." se 98.5 # 10 ling for higher speeds. | Speed scaling factor "s" n SuggestedRemedy Change all entries in the la Response ACCEPT. Cl 165 SC 165.3.2.3 Wienckowski, Natalie Comment Type T alert_detect is created by SuggestedRemedy Change: The quiet-refress alert_detect To: The quiet-refresh cyc | io longer exists in 802.3cy ast row to TBD <i>Response Status</i> C <i>P</i> 99 General Moto <i>Comment Status</i> A the PMA Receive function h cycle continues until the ele continues until the PMA | link synchroniza | ation detect asserts |

C/ 165 SC 165.3.2.3

| Approved Responses | s IEEE | P802.3cy | D0.4 10G+ Auto Task | Force 1st T | ask Force rev | iew comments | | | |
|---|---------------------------------|--------------|-----------------------|------------------|----------------------------|---------------------------------|--------------|------|--------|
| C/ 165 SC 165.4.1 | P133 | L 48 | # 20 | C/ 165 | SC 165.5.5.1 | P158 | L13 | # 16 | |
| Wienckowski, Natalie | General Motors | | | Wienckow | ski, Natalie | General Motors | | | |
| Comment Type T | Comment Status A | | | Comment | Туре Т | Comment Status A | | | |
| Move alert_detect signation | al that is created by PMA RECE | IVE, not LIN | SYNCHRONIZATION. | Since | the right side has | TP2/TP3, the left side should h | ave TP0/TP5. | | |
| SuggestedRemedy | | | | Suggested | Remedy | | | | |
| Move alert_detect dash of PMA RECEIVE. | ed line and name that is out of | LINK SYNCH | IRONIZATION to be out | Chang To: TP | e: TP0 0/TP5 | | | | |
| Response | Response Status C | | | Response | | Response Status C | | | |
| ACCEPT. | | | | ACCE | PT. | | | | |
| C/ 165 SC 165.5.2 | P 152 | L 38 | # 13 | C/ 165 | SC 165.5.5.1 | P 158 | L 22 | # 15 | |
| Wienckowski, Natalie | General Motors | | | Wienckow | ski, Natalie | General Motors | | | |
| Comment Type T | Comment Status A | | | Comment | Туре Е | Comment Status A | | | bucket |
| remove xxx | | | | remov | e xxx | | | | |
| SuggestedRemedy | | | | Suggestea | Remedy | | | | |
| Change: xxx To: Figure 165-39 | | | | Chang To: H | e: xxx ost Test Fixture | | | | |
| Response | Response Status C | | | Response | | Response Status C | | | |
| ACCEPT. | | | | ACCE | PT. | | | | |
| C/ 165 SC 165.5.2 | P 152 | L 41 | # 14 | C/ 165 | SC 165.5.5.2 | P158 | L 52 | # 17 | |
| Wienckowski, Natalie | General Motors | | | Wienckow | ski, Natalie | General Motors | | | |
| Comment Type T | Comment Status A | | | Comment | Туре Е | Comment Status A | | | bucket |
| remove TBD | | | | remov | e xxx | | | | |
| SuggestedRemedy | | | | Suggestea | Remedy | | | | |
| Change: TBD To: The recommended | maximum insertion loss from T | P2 to TP0 or | from TP3 to TP5 | Chang To: Lir | e: xxx ik Segment Test | Fixture | | | |
| including the test fixture | e is provided in 165A.2.1. | | | Response | | Response Status C | | | |
| Response ACCEPT. | Response Status C | | | ACCE | PT. | - | | | |

C/ 165 SC 165.5.5.2

Approved Responses

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

| C/ 165 SC 165.5.5. | P 159 | L15 | # 18 | C/ 165A SC 165A.2.1 | P 190 | L 29 | # 23 | |
|--|-----------------------------------|-----------------|----------------------|-------------------------|----------------------------------|----------------|--------------------|------|
| Wienckowski, Natalie | General Motor | S | | Wienckowski, Natalie | General Motor | S | | |
| Comment Type E | Comment Status A | | bucket | Comment Type T | Comment Status A | | | late |
| remove xxx | | | | Motion #3 of Novembe | er plenary was not implemented | d properly | | |
| SuggestedRemedy | | | | SuggestedRemedy | | | | |
| Change: xxx | | | | Change: 1 <= f <= 90 | 00 | | | |
| To: Mated Test Fixture | S | | | To: 10 <= f <= 9000 | | | | |
| Response | Response Status C | | | Response | Response Status C | | | |
| ACCEPT. | | | | ACCEPT. | | | | |
| C/ 165 SC 165.7.1. | P160 | L 41 | # 8 | C/ 165A SC 165A.2.1 | P 190 | L 40 | # 24 | |
| Tu, Mike | Broadcom | | | Wienckowski, Natalie | General Motor | S | | |
| Comment Type TR | Comment Status A | | | Comment Type T | Comment Status A | | | late |
| See https://www.ieee8 | 02.org/3/cy/public/adhoc/feyh_ | 3cy_01_01_12 | 2_07_21.pdf | Motion #3 of Novembe | er plenary was not implemented | d properly | | |
| SuggestedRemedy | | | | SuggestedRemedy | | | | |
| | ange from"10<=f<=9000" to "1 | | | Change: 1 <= f <= 90 | 00 | | | |
| | nat result in insertion loss valu | es less than 1 | dB shall revert to a | To: 10 <= f <= 9000 | | | | |
| requirement of 1 dB m | | | | Response | Response Status C | | | |
| Response | Response Status C | | | ACCEPT. | | | | |
| ACCEPT IN PRINCIP | -E. | | | C/ 165A SC 165A.3 | P191 | L5 | # 26 | |
| No consensus to make | this technical change at this t | ime. | | Wienckowski, Natalie | General Motor | • | | |
| Add Editor's Note with | the following content: Comme | nts to consider | what lower frequency | Comment Type E | Comment Status A | 0 | | late |
| | between the PHY baseline war | | | 51 | er plenary was not implemented | d properly | | 1010 |
| C/ 165A SC 165A.1 | P 189 | L16 | # 22 | SuggestedRemedy | | | | |
| Wienckowski, Natalie | General Motor | S | | Add text after the rang | e of f: for Equation (165A-3), E | Equation (165/ | A-4), and Equation | |
| Comment Type E | Comment Status A | | late | (165A-5). | | | | |
| correct table reference | | | | Response | Response Status C | | | |
| | | | | ACCEPT. | | | | |
| SuggestedRemedy | | | | | | | | |
| SuggestedRemedy | | | | | | | | |
| SuggestedRemedy Change: Table 165-y To: Table 165-17 | | | | | | | | |
| Change: Table 165-y | Response Status C | | | | | | | |

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

C/ 165A SC 165A.3 Page 3 of 4 1/18/2022 9:35:27 AM

Approved Responses IEEE P802.3

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

| C/ 165A | SC 165A.3 | P19 | 91 | L 5 | # 25 | |
|----------------------|---|-----------------|----------|------------|------|-----|
| Wienckowski, Natalie | | Gene | ral Moto | rs | | |
| Comment Motion | 51 | Comment Status | | d properly | la | ate |
| | <i>Remedy</i> e: 1 <= f <= 900) <= f <= 9000 | 0 | | | | |
| Response ACCEI | PT. | Response Status | С | | | |

C/ 165A SC 165A.3