

IEEE P802.3dm D0.d Asymmetrical Electrical Automotive Ethernet 4th Task Force review comments

CI 201 SC 201.3.5.1.4 P 90 L 40 # 3

Razavi, Alireza Eliyan / Infineon

Comment Type T Comment Status X

T_TYPE_NEXT is defined as returning "the FRAME_TYPE of the tx_raw vector".
 FRAME_TYPE is not defined anywhere in Clause 201. The correct name is
 T_BLOCK_TYPE.

SuggestedRemedy
 Change "FRAME_TYPE" to "T_BLOCK_TYPE".

Proposed Response Response Status O

CI 201 SC 201.5.2.7 P 121 L 47 # 4

Razavi, Alireza Eliyan / Infineon

Comment Type T Comment Status X

"PMA_refresh_status = FAIL" appears as a guard in Figure 201–32. it is leftover of EEE,
 and should be removed

SuggestedRemedy
 see comment

Proposed Response Response Status O

CI 201 SC 201.4.4 P 106 L 29 # 2

Razavi, Alireza Eliyan / Infineon

Comment Type T Comment Status X

"Reserved bits shall be transmitted as defined by 201.5.2.4.1." .There is no reserved bits in
 figure 201-24. replaced by "6 bit vender specific bits (v-s) shall be transmitted "

SuggestedRemedy
 see comment

Proposed Response Response Status O

CI 201 SC 201.10.2.1 P 148 L 45 # 6

Razavi, Alireza Eliyan / Infineon

Comment Type T Comment Status X

Both subclauses contain the typo "3 Mz to 4000 MHz" — "Mz" should be "MHz". Error
 appears twice.

SuggestedRemedy
 Change "3 Mz" to "3 MHz" in both 201.10.2.1 and 201.10.2.2.

Proposed Response Response Status O

CI 201 SC 201.5.2.6.1 P 116 L 52 # 5

Razavi, Alireza Eliyan / Infineon

Comment Type T Comment Status X

"training_failure" set TRUE in Figure 201–31 and consumed in Figure 201–35 but never
 declared

SuggestedRemedy
 Add training_failure as a Boolean variable to 201.5.2.6.1: "Set TRUE when PHY Control
 enters TRAINING_FAILURE; cleared upon entry to DISABLE_TRANSMITTER."

Proposed Response Response Status O

CI 202 SC 202.12 P 247 L 14 # 1

Muma, Scott Microchip

Comment Type T Comment Status X

The delay limits are tighter than realistic due to some missing factors in XGMII data arrival
 to form 65B blocks.

SuggestedRemedy
 See attached presentation Chini-3dm_01c_0426.pdf with updated Table 202-20 values.

Proposed Response Response Status O