IEEE 802.cz Multi-Gig Aut IEEE P802.3cz D1.1 Multi-Gig Automotive Optical Ethernet PHY 2nd Task Force review comments

D 1.1 Comment Report

SC 1.4 C/ 45 C/ 1 P 22 L 51 P 35 L 11 # 14 SC 45.2.3.80b.3 **KDPOF KDPOF** Torres. Luisma Torres. Luisma Comment Type Ε Comment Status D Grammar and syntax Comment Type Ε Comment Status D Grammar and syntax Expression: "to exchange control". Typo: "Bits ... contains". SuggestedRemedy SuggestedRemedy Eq. "to exchange control data" or "to exchange control information". Replace: "Bits... contain". Proposed Response Proposed Response Response Status W Response Status W PROPOSED ACCEPT. PROPOSED ACCEPT. Cl 45 SC 45.2.1.134 P 30 L46 C/ 45 SC 45.2.3.80d.11 P 38 L 40 # 15 Torres, Luisma **KDPOF** Torres. Luisma **KDPOF** Comment Type E Comment Status D Comment Type E Comment Status D Grammar and syntax Grammar and syntax Typo: "only one of the mode of operation". Expression (use of "both" and "either"). SuggestedRemedy SuggestedRemedy Replace: "...modes of operation". Remove "both", or change eg to: "indicates both that the remote PHY has BASE-U OAM capability and that the BASE-U OAM is enabled". Same in I.47. Proposed Response Response Status W Also on I.42 and I.48, would prefer eq: "indicates either that the remote PHY does not have PROPOSED ACCEPT. BASE-U OAM ability Proposed Response Response Status W C/ 45 SC 45.2.3.80a.5 P 34 L3 # 10 PROPOSED ACCEPT. **KDPOF** Torres, Luisma SC 45.2.1.3 P41 Comment Type E Comment Status D Grammar and syntax Cl 45 **L8** # 18 Typo: "Bits ... contains". Also "and registers ... contains". Torres, Luisma **KDPOF** SuggestedRemedy Comment Type Ε Comment Status D Grammar and syntax Typo: "only one of the mode of operation" Replace: "Bits... contain" and "registers ... contain". Proposed Response SuggestedRemedy Response Status W PROPOSED ACCEPT. Replace: "...modes of operation". Proposed Response Response Status W Cl 45 SC 45.2.3.80b P 34 / 17 # 12 PROPOSED ACCEPT. **KDPOF** Torres, Luisma Comment Type E Comment Status D Grammar and syntax Typo: "Registers ... contains".

SuggestedRemedy

Proposed Response

Replace: "Registers ... contain".

PROPOSED ACCEPT.

Response Status W

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Grammar and syntax

D 1.1 Comment Report

C/ 131 SC 131.1.3 P 59 L 3 # 27 **KDPOF** Torres. Luisma Comment Type Ε Comment Status D Grammar and syntax Typo in editorial indications: "a new paragraphs". SuggestedRemedy Replace with "a new paragraph". Proposed Response Response Status W PROPOSED ACCEPT. C/ 166 SC 166.1.4 P 66 L8 # 31 Torres, Luisma **KDPOF** Comment Type E Comment Status D Grammar and syntax Typo: "time division multiplexing these two". SuggestedRemedy Replace with "time division multiplexing of these two". Proposed Response Response Status W PROPOSED ACCEPT. C/ 166 SC 166.1.4 P 66 L 10 # 32 Torres, Luisma **KDPOF** Comment Type Comment Status D Grammar and syntax Ε Expression: unnecessarily confusing "repeatedly". SuggestedRemedy Remove "repeatedly" or clarify meaning. Proposed Response Response Status W PROPOSED ACCEPT. C/ 166 SC 166.1.4 P 66 L 18 # 33 **KDPOF** Torres, Luisma

Comment Status D

Response Status W

Replace "payload blocks" by "65-bit blocks containing payload"

of payload blocks." However, payload blocks have not been defined at this point.

The text says: "Each encoded PHD sub-block is placed in the Transmit Block after a group

Comment Type

SuggestedRemedy

Proposed Response

PROPOSED ACCEPT.

C/ 166 P72 # 41 SC 166.2.2.1.4 L 38 **KDPOF** Torres. Luisma Comment Type Ε Comment Status D Grammar and syntax The sentence "Each of the 240 information bits..." the word "each" should be replaced by "each one". SuggestedRemedy Replace by "Each one of the 240 information bits..." Proposed Response Response Status W PROPOSED ACCEPT. C/ 166 SC 166.2.2.3 P 73 L14 Torres. Luisma **KDPOF** Comment Status D Comment Type Grammar and syntax Wrong syntax in sentence: "The RS-FEC message is 5220 length" SuggestedRemedy Replace by "The RS-FEC message is 5220 long" Proposed Response Response Status W PROPOSED ACCEPT. C/ 166 SC 166.2.6.1.2 P83 L4 **KDPOF** Torres, Luisma Comment Type Ε Comment Status D Grammar and syntax T TYPE NEXT is not used in the Figure 166-13 SuggestedRemedy Remove the description Proposed Response Response Status W

PROPOSED 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: Comment ID

Comment ID 46

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IEEE 802.cz Multi-Gig Aut IEEE P802.3cz D1.1 Multi-Gig Automotive Optical Ethernet PHY 2nd Task Force review comments D 1.1 Comment Report SC 166.2.7 C/ 166 P 83 L 38 # 47 C/ 166 P 91 L 54 SC 166.3.4.1 # 51 **KDPOF KDPOF** Torres. Luisma Torres. Luisma Comment Type Ε Comment Status D Grammar and syntax Comment Type Ε Comment Status D Grammar and syntax Typos: "The 36 20-bit encoded PHD sub-block that are in a Transmission Block, are In text: "...64B/65B PCS encoder encodes predifined data to be used for the link partner TRC...". alignment", "local fault sequence ordered sets" instead of "predefined data" can be written. SuggestedRemedy SuggestedRemedy Replace with: "The 36 20-bit encoded PHD sub-blocks that are in a Transmission Block are Replace "predefined data" by "local fault sequence ordered sets" TRC...". Proposed Response Response Status W Proposed Response Response Status W PROPOSED ACCEPT. PROPOSED ACCEPT. C/ 166 SC 166.3.4.4 P 95 L3 C/ 166 SC 166.2.7.2 P83 L 52 # 49 Torres. Luisma **KDPOF KDPOF** Torres, Luisma Comment Type Comment Status D Grammar and syntax Comment Type E Comment Status D Grammar and syntax Typo: "that waits for the local receiver reliability is recovered". Confusing expression: "by marking the affected 65-bit blocks with the flag /E/". In previous SuggestedRemedy text the only reference to "/E/" is the error character/code. Replace with "that waits for the local receiver reliability to be recovered". SuggestedRemedy Proposed Response Response Status W Add reference to the R BLOCK TYPE, eg: "by setting the R BLOCK TYPE of the affected 65-bit blocks equal to /E/.". PROPOSED ACCEPT. Proposed Response Response Status W C/ 166 SC 166.3.5.2 P 96 L 45 PROPOSED ACCEPT. Torres. Luisma **KDPOF**

Comment Type E Comment Status D Grammar and syntax

Typo, missing word: "due optical signal conversion".

SuggestedRemedy

Replace with "due to optical signal conversion".

Proposed Response Status W

PROPOSED ACCEPT.

Replace with: "the ratio of symbols corrected by the RS-FEC decoder per CW".

Proposed Response Response Status W

Comment Status D

Expression: "the ratio of corrected symbols per CW carried out by the RS-FEC decoder".

PROPOSED ACCEPT.

Ε

Comment Type

SuggestedRemedy

Grammar and syntax

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D 1.1 Comment Report

Cl 166 SC 166.6.1.3.1 P101 L36

KDPOF

Comment Type E Comment Status D Grammar and syntax

Expression is slightly confusing: "A signal detect=OK ... link status=FAIL."

SuggestedRemedy

Torres, Luisma

Revise this note. Suggested: "A signal_detect=OK indication with average optical power enough to allow the PHY partners to start establishing the link but not to meet the RFER target (see 166.3.5.1) results into the PHY indicating link status=FAIL."

Proposed Response Status W

PROPOSED 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: Comment ID