Cl **45** *SC* **45.2.1.192.1** *P* **35** *L* **44** # 15

Tu, Mike Broadcom

Comment Type **T** *Comment Status* **D** *EZ*

Register bit 1.2309.15 is PMA/PMD reset. But this statement referes to 149.3.2.1, which is PCS reset.

SuggestedRemedy

On page 35, line 44, change the reference from 149.3.2.1 to 149.4.2.1.

Proposed Response *Response Status* **W**

PROPOSED ACCEPT.

This comment does not apply to the substantive changes between IEEE P802.3ch D2.1 and D2.2 or the unsatisfied negative comments from earlier ballots. Hence it is not within the scope of the recirculation ballot.

However, the change suggested has identified an error in the draft, and the proposed response is a substantive change which fixes the cross reference to point to the correct subclause.

Cl **45** *SC* **45.2.1.195.3** *P* **39** *L* **50** # 1

Wienckowski, Natalie General Motors

Comment Type **T** *Comment Status* **D** *EZ*

The Precoder registers and text were modified in D2.2, but there is still a reference in D2.2 to register bits that were deleted.

SuggestedRemedy

Delete: In normal operation, this value shall mirror the value in the MultiGBASE-T1 PMA control register bits 1.2309.10:9.
P57 L17: Also, delete PICS MM227 as the "shall" has been removed.

Proposed Response *Response Status* **W**

PROPOSED ACCEPT.

Cl **45** *SC* **45.2.1.195.3** *P* **39** *L* **51** # 4

Tu, Mike Broadcom

Comment Type **T** *Comment Status* **D** *EZ*

Control register bits 1.2309.10:9 do not exist.

SuggestedRemedy

Delete the last sentence of this paragraph.

Proposed Response *Response Status* **W**

PROPOSED ACCEPT.

Cl **45** *SC* **45.2.1.196.4** *P* **41** *L* **51** # 6

Tu, Mike Broadcom

Comment Type **T** *Comment Status* **D** *EZ*

The transmit jitter tests are specified in both 149.5.2.3.1 and 149.5.2.3.2. Recommend to refer to both, or simply refer to 149.5.2.3.

SuggestedRemedy

Option 1. Change "149.5.2.3.1" to "149.5.2.3".
Option 2. Change "See 149.5.2.3.1 for more information." to "See 149.5.2.3.1 and 149.5.2.3.2 for more information."

Proposed Response *Response Status* **W**

PROPOSED ACCEPT IN PRINCIPLE.

Change "149.5.2.3.1" to "149.5.2.3".

Cl **45** *SC* **45.2.1.198** *P* **42** *L* **36** # 8

Tu, Mike Broadcom

Comment Type **T** *Comment Status* **D** *EZ*

Typos in Table 45-155g. 1.2314 should be 1.2315 on the first column.

SuggestedRemedy

Change the first column of Table 45-155g from "1.2314.xx:yy" to "1.2315.xx:yy".

Proposed Response *Response Status* **W**

PROPOSED ACCEPT.

Cl **45** *SC* **45.2.1.199.1** *P* **42** *L* **49** # 9

Tu, Mike Broadcom

Comment Type **E** *Comment Status* **D** *EZ*

Title of the subclause should match with the name of register bits.

SuggestedRemedy

Change line 49 to "45.2.1.199.1 MultiGBASE-T1 user defined data (1.2316.15:0)".

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 U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **45**
SC **45.2.1.199.1**

Page 1 of 4
10/8/2019 11:16:20 AM

Cl **45**   *SC* **45.2.1.200.1**   *P* **43**   *L* **25**   # 10

Tu, Mike   Broadcom

Comment Type   **E**   *Comment Status*   **D**   *EZ*

Title of the subclause should match with the name of register bits.

SuggestedRemedy

Change line 25 to: "45.2.1.200.1 MultiGBASE-T1 link partner user defined data (1.2317.15:0)".

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.

Cl **149**   *SC* **149.1.3**   *P* **80**   *L* **11**   # 12

Tu, Mike   Broadcom

Comment Type   **T**   *Comment Status*   **D**   *EZ*

The EEE capability advertisation is described in 149.4.2.4.5.

SuggestedRemedy

Change the reference from 149.3.2.2.22 to 149.4.2.4.5.

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.

This comment does not apply to the substantive changes between IEEE P802.3ch D2.1 and D2.2 or the unsatisfied negative comments from earlier ballots. Hence it is not within the scope of the recirculation ballot.

However, the change suggested has identified an error in the draft, and the proposed response is a substantive change which fixes the cross reference to point to the correct subclause.

Cl **149**   *SC* **149.1.3**   *P* **80**   *L* **25**   # 13

Tu, Mike   Broadcom

Comment Type   **T**   *Comment Status*   **D**   *EZ*

PMA functionality is described in 149.4, not 149.2.

SuggestedRemedy

Change the reference from 149.2 to 149.4.

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.

This comment does not apply to the substantive changes between IEEE P802.3ch D2.1 and D2.2 or the unsatisfied negative comments from earlier ballots. Hence it is not within the scope of the recirculation ballot.

However, the change suggested has identified an error in the draft, and the proposed response is a substantive change which fixes the cross reference to point to the correct subclause

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Cl **149**   *SC* **149.1.3.3**   *P* **81**   *L* **30**   # 14

Tu, Mike   Broadcom

Comment Type   **T**   *Comment Status*   **D**   *EZ*

EEE capability is embedded in Infofield octet 10 bit 6.

SuggestedRemedy

Change "(Octet 9 bit 7)" to "(Octet 10 bit 6)"

Proposed Response   *Response Status*   **W**

PROPOSED ACCEPT.

This comment does not apply to the substantive changes between IEEE P802.3ch D2.1 and D2.2 or the unsatisfied negative comments from earlier ballots. Hence it is not within the scope of the recirculation ballot.

However, the change suggested has identified an error in the draft, and the proposed response is a substantive change which fixes the reference to the EEE capability bit which was changed in D2.1.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general   *Cl* **149**   Page 2 of 4
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn   *SC* **149.1.3.3**   10/8/2019 11:16:24 AM
SORT ORDER: Clause, Subclause, page, line

Cl **149**   *SC* **149.3.2.1**   *P* **93**   *L* **47**   # 11

Tu, Mike   Broadcom

Comment Type **T**   *Comment Status* **D**   EZ

The PCS reset control register bit is 3.2322.15, not 1.2309.15.

SuggestedRemedy

On page 93, 149.3.2.1, line 47, change from "1.2309.15" to "3.2322.15".

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT.

This comment does not apply to the substantive changes between IEEE P802.3ch D2.1 and D2.2 or the unsatisfied negative comments from earlier ballots. Hence it is not within the scope of the recirculation ballot.

However, the change suggested has identified an error in the draft, and the proposed response is a substantive change which fixes the reference to the PCS reset bit which currently refers to the PMA reset bit.

Cl **149**   *SC* **149.3.2.2**   *P* **94**   *L* **40**   # 22

McClellan, Brett   Marvell Semiconductor

Comment Type **E**   *Comment Status* **D**   EZ

grammar

SuggestedRemedy

change 'encoder' to 'encoders'

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT.

This comment does not apply to the substantive changes between IEEE P802.3ch D2.1 and D2.2 or the unsatisfied negative comments from earlier ballots. Hence it is not within the scope of the recirculation ballot.

However, the change suggested has identified an error in the draft, and the proposed response is a non-substantive editorial change which improves clarity.

Cl **149**   *SC* **149.3.2.2**   *P* **94**   *L* **48**   # 23

McClellan, Brett   Marvell Semiconductor

Comment Type **E**   *Comment Status* **D**   EZ

typo

SuggestedRemedy

change "RS-FE" to "RS-FEC"

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT.

This comment does not apply to the substantive changes between IEEE P802.3ch D2.1 and D2.2 or the unsatisfied negative comments from earlier ballots. Hence it is not within the scope of the recirculation ballot.

However, the change suggested has identified an error in the draft, and the proposed response is a non-substantive editorial change which improves clarity.

Cl **149**   *SC* **149.3.2.2.3**   *P* **96**   *L* **17**   # 19

McClellan, Brett   Marvell Semiconductor

Comment Type **E**   *Comment Status* **D**   EZ

Tx_coded should be tx_coded
Rx_coded should be rx_coded

SuggestedRemedy

Change occurences of "Tx_coded" to "tx_coded"
Change occurences of "Rx_coded" to "rx_coded"

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT.

Cl **149**   *SC* **149.3.2.2.18**   *P* **104**   *L* **45**   # 20

McClellan, Brett   Marvell Semiconductor

Comment Type **E**   *Comment Status* **D**   EZ

A and B are missing subscript 'n' that was added in 149.3.2.2.19

SuggestedRemedy

change "A" to "A_n"
change "B" to "B_n" with _n indicating a subscript

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general   *Cl* **149**   Page 3 of 4
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn   *SC* **149.3.2.2.18**   10/8/2019 11:16:24 AM
SORT ORDER: Clause, Subclause, page, line

Cl **149**   *SC* **149.5.1**   *P* **161**   *L* **46**   # 3

Tu, Mike   Broadcom

Comment Type **T**   *Comment Status* **D**   *EZ*

Register bits 1.2309.10:9 do not exist.It should be 1.2313.10:9.

SuggestedRemedy

Change from: "... by the value set in register 1.2309:10:9, ..."
To: "... by the value set in register 1.2313.10:9, ...".

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT.

Cl **149**   *SC* **149.5.2.4**   *P* **165**   *L* **21**   # 18

den Besten, Gerrit   NXP Semiconductors

Comment Type **E**   *Comment Status* **D**   *EZ*

LPSD: The L seems smaller than the other characters

SuggestedRemedy

Fix the size of the L

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT.

This comment does not apply to the substantive changes between IEEE
P802.3ch D2.1 and D2.2 or the unsatisfied negative comments from earlier ballots.
Hence it is not within the scope of the recirculation ballot.

However, the change suggested has identified an error in the draft, and the proposed
response is a non-substantive editorial change which improves clarity.

Cl **149**   *SC* **149.7.1.3.2**   *P* **171**   *L* **8**   # 21

McClellan, Brett   Marvell Semiconductor

Comment Type **E**   *Comment Status* **D**   *EZ*

In Figure 149–54 N=1 and N=0 are not aligned to the associated RL curves.

SuggestedRemedy

In Figure 149–54 move N=1 and N=0 to be aligned to the associated RL curves.

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general   *Cl* **149**   Page 4 of 4
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn   *SC* **149.7.1.3.2**   10/8/2019 11:16:24 AM
SORT ORDER: Clause, Subclause, page, line