*Cl* **45** *SC* **45.2.1.193.5** *P* **39** *L* **39** # R1-9

Tu, Mike Broadcom

*Comment Type* **T** *Comment Status* **D** *late*

The PHY Capability Bits (including PrecodeSel and interleave request bits) are specified in 149.4.2.4.5.

*SuggestedRemedy*

Make changes to the following: 1. Page 39, 45.2.1.193.5, line 39, from "(see 149.4.2.4.4)" to "(see 149.4.2.4.5)". 2. Page 40, 45.2.1.194.1, line 51, from "149.4.2.4.4" to "149.4.2.4.5". 3. Page 41, 45.2.1.194.2, line 8, from "149.4.2.4.4" to "149.4.2.4.5". 4. Page 41, 45.2.1.194.4, line 19, from "149.4.2.4.4" to "149.4.2.4.5". 5. Page 41, 45.2.1.195.1, line 47, from "149.4.2.4.1" to "149.4.2.4.5".

*Proposed Response* *Response Status* **W**

PROPOSED ACCEPT IN PRINCIPLE.

This comment does not apply to the substantive changes between IEEE P802.3ch/D3.0 and IEEE P802.3ch/D3.1 or the unsatisfied negative comments from the previous ballot. Hence it is not within the scope of the recirculation ballot. However, the change suggested corrects an error in the draft.

Implement the Proposed Change.

*Cl* **45** *SC* **45.2.1.194.5** *P* **41** *L* **27** # R1-10

Tu, Mike Broadcom

*Comment Type* **E** *Comment Status* **D** *late*

This paragraph belongs to 45.2.1.195.1.

*SuggestedRemedy*

Move this paragraph (line 27 to 30) to line 48 of the same page.

*Proposed Response* *Response Status* **W**

PROPOSED ACCEPT IN PRINCIPLE.

Implement the solution to R1-3, copied below.

Remove the text accidentally added to 45.2.1.194.5. Add a new paragraph to 45.2.1.195.1 stating, "The values of L = 2 and L = 4 are not defined for 2.5GBASE-T1 PHYs, and the value of L = 4 is not defined for 5GBASE-T1 PHYs. Bits 1.2312.12:11 will indicate whatever value is received from the link partner, but if the undefined values are received, the requested interleaver depth is out of scope of this standard and may not be supported by the local PHY."

*Cl* **45** *SC* **45.2.1.196.3** *P* **43** *L* **49** # R1-11

Tu, Mike Broadcom

*Comment Type* **T** *Comment Status* **D** *late*

"During normal operation, bit 1.2313.11 is set to zero, and the precoder is set according to the value of PrecodeSel received from the link partner, and bits 1.2313.10:9 are ignored." Is this a rquirement to set bit 1.2313.11 to 0 in normal operation? However, the description in 45.2.1.196.2 implies 1.2313.11 may be set to either 0 or 1, even in normal operations. From previous discussions with George, I recall the intention was to allow bit 1.2313.11=1 even in normal operation in order to test the PHY transmitter.

*SuggestedRemedy*

Delete the last two sentences in this paragraph, from line 47 to line 50. "For testing purposes, the precoder ….. , and bits 1.2313.10:9 are ignored."

*Proposed Response* *Response Status* **W**

PROPOSED ACCEPT IN PRINCIPLE.

This comment does not apply to the substantive changes between IEEE P802.3ch/D3.0 and IEEE P802.3ch/D3.1 or the unsatisfied negative comments from the previous ballot. Hence it is not within the scope of the recirculation ballot. However, the change suggested improves reader understanding of the draft. 45.2.1.196.3, P43 L39: Delete: "During normal operation, bit 1.2313.11 is set to zero, and the precoder is set according to thevalue of PrecodeSel received from the link partner, and bits 1.2313.10:9 are ignored."

*Cl* **45** *SC* **45.2.1.196.4** *P* **44** *L* **6** # R1-12

Tu, Mike Broadcom

*Comment Type* **T** *Comment Status* **D** *late*

Test mode 2 is described in 149.5.2.3.1 and 149.5.2.3.2.

*SuggestedRemedy*

Change "149.5.2.3" to "149.5.2.3.1 and 149.5.2.3.2".

*Proposed Response* *Response Status* **W**

PROPOSED ACCEPT IN PRINCIPLE.

This comment does not apply to the substantive changes between IEEE P802.3ch/D3.0 and IEEE P802.3ch/D3.1 or the unsatisfied negative comments from the previous ballot. Hence it is not within the scope of the recirculation ballot. However, the change suggested corrects an error in the draft.

Implement the Proposed Change.

*Cl* **149** *SC* **149.3.2.2.22** *P* **109** *L* **22** # R1-13

Zimmerman, George ADI, APL Group, Aquantia, BMW, Cisco, CommScop

*Comment Type* **T** *Comment Status* **D** *late*

"Following this event, the PMA transmits the sleep signal starting at the beginning of the next superframe to indicate to the link partner that it is transitioning to the LPI transmit mode." - the transmission isn't necessarily aligned to the next superframe.

*SuggestedRemedy*

delete "starting at the beginning of the next superframe"

*Proposed Response* *Response Status* **W**

PROPOSED ACCEPT IN PRINCIPLE.

This comment does not apply to the substantive changes between IEEE P802.3ch/D3.0 and IEEE P802.3ch/D3.1 or the unsatisfied negative comments from the previous ballot. Hence it is not within the scope of the recirculation ballot. However, the change suggested improves reader understanding of the draft.

Change: Following this event, the PMA transmits the sleep signal starting at the beginning of the next superframe to indicate to the link partner that it is transitioning to the LPI transmit mode.

To: Following this event, the PMA transmits the sleep signal to indicate to the link partner that it is transitioning to the LPI transmit mode.