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CI 22   **SC** 22.2.4.2.15   **P** 22.6   **L** 27

Comment Type T   **Comment Status** A

The jabber function should behave the same at 1000 Mb/s as it does at 100 Mb/s.

SuggestedRemedy

Replace the second paragraph of the current 22.2.4.2.14 (renumbered as
22.2.4.15) with the following:

PHYs specified for operation at speeds of 100 Mb/s and above do not
incorporate a Jabber Detect function, as this function is defined to be
performed in the repeater unit at these speeds. Therefore, PHYs specified
for operation at speeds of 100 Mb/s and above shall always return a value
of zero in bit 1.1.

Also add to the PICS modifications on page 22.8 line 37:

MF51   All PHYs operating at rates of 100 Mb/s or above return 0 for
jabber detect   22.2.4.2.15   M   --   Yes (1.1 always = 0 for all
PHYs operating at rates of 100 Mb/s or above)

Proposed Response   **Response Status** W

Accept.

Comment ID	11 **Topic**
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CI 22   **SC** 22.2.4.   **P** 22.   **L**

Comment Type E   **Comment Status** A

It is not clear to me why 22.2.4.3.6 of 802.3u was removed by 802.3x &
802.3y. It is the only place where two rows of Table 22-6 are described
and is an appropriate location to indicate the distinct register definitions of clause 28 and clause 37.

SuggestedRemedy

Add:
22.2.4.3.9 PHY specific registers
A particular PHY may provide a subset of or additional registers beyond those defined above. Register addresses 16 through 31 (decimal) may be used to provide vendor-specific functions or abilities. The definition of registers 4 through 14 are dependent on the version (clause 28 or clause 37) of Auto-Negotiation protocol used by the PHY.

Proposed Response   **Response Status** C

Accept.

Type: TR/technical required   T/technical   E/editorial
Comment: X/received   D/dispatched for consideration   A/accepted   R/rejected
Response: O/open   W/written   S/sent to commentor for review   C/closed   U/unsatisfied   Z/withdrawn

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CI 22 **SC** 22.2.4.2.12 **P** 57 **L**

Comment Type E **Comment Status** A

Clause 22, 802.3u.

Under Jabber Detect section, it is mentioned that PHY's for 100 Mb/s do not incorporate jabber. 1000 Mb/s operation should be added.

SuggestedRemedy

Add 1000 Mb/s operation to list of PHY's that don't incorporate jabber.

Proposed Response **Response Status** W

Accept, duplicate, see response to comment 10.

Comment ID	7	**Topic**
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CI 22 **SC** 22.7 **P** 22.3 **L** 17

Comment Type E **Comment Status** A

The use of bit 5 of control register to select a particular type of 1000 Mb/s medium
for auto-negotiation is not consistent with the same at 10 or 100 Mb/s. As of now, this is left for vendors to decide. Unless this issue is tackled in full (that is how to pick a particular transmision medium at selected speed), it is advisable to leave it as such.

SuggestedRemedy

Remove the bit 5 (auto-negotiation selection) from control register.

Side effect: The table 37-9 (pp 37.17), the definition of mr_an_enable needs to be changed too. I suggest here, to use the link speed along with bit 12 of control register.

Proposed Response **Response Status** W

Remove bit description from table, remove new subsection describing the bit, change the bit back to reserved (table and reserved paragraph), and correct the section numbering instructions.

Type: TR/technical required T/technical E/editorial
Comment: X/received D/dispatched for consideration A/accepted R/rejected
Response: O/open   W/written S/sent to commentor for review C/closed   U/unsatisfied Z/withdrawn

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