

IEEE Standards Interpretation Request

Requests for interpretations should only be submitted for seeking clarification of:

- The meaning of portions of standards as they relate to specific applications; and/or
- The exact nature of the contents of the standard.

If the interpretation request meets the above criteria, complete the following and send to the stds-interps@ieee.org.

Name: Rajeev Sethia

Email: rajeev.sethia@smsc.com

Phone: 480-704-7029

Mobile: 480-363-9986

IEEE Std: 802.3-2008 TM - (include year)

Standard Title: IEEE Standard for Information technology-Specific requirements

Topic: MMD register access through Clause 22 register 13 & 14

"Interpretation Request #1"

A 10/100TX/1000T PHY that supports only MII management interface as specified in Clause 22 and needs to add MMD registers specified in Clause 45 of 802.3az-2010 to support Clause 78. Access to MMD registers is provided through Clause 22 register 13 & 14. Should bit Bit 5.0 (Clause 22 registers present) be 1 or 0?

"Interpretation Request #2"

A 10/100TX/1000T PHY that supports only MII management interface as specified in Clause 22 and needs to add MMD registers specified in Clause 45 of 802.3az-2010 to support Clause 78 (EEE). Can the PHY implement only the MMD registers described in Clause 45 of 802.3az-2010 for 100-TX and 1000 T to support EEE? In other words does it also have to implement other registers such as 7.0 (AN Control) etc.

NOTE FOR RESPONDERS: Attach your response here. If you are responding to

Interpretation Request Form

more than one interpretation request, please label your responses as "Interpretation Response #1," "Interpretation Response #2," etc.

Response to the Interpretation Request

Interpretation Response #1

This request is being returned to you because the questions asked do not constitute a request for interpretation but instead a request for consultation. Generally, an interpretation request is submitted when the wording of a specific clause or portion of a standard is ambiguous or incomplete. The request should state the two or more possible interpretations or the lack of completeness of the text.

The standard is unambiguous. Refer to Table 45-2.

Interpretation Response #2

This request is being returned to you because the questions asked do not constitute a request for interpretation but instead a request for consultation. Generally, an interpretation request is submitted when the wording of a specific clause or portion of a standard is ambiguous or incomplete. The request should state the two or more possible interpretations or the lack of completeness of the text.

The standard is unambiguous. Refer to section 45.2.