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| 8802-3/802.3 REVISION REQUEST 1235 |
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DATE: 22nd Aug, 2012
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REQUESTED REVISION:

STANDARD: IEEE Std 802.3-2012
CLAUSE NUMBER: 45.2.1.78.4
CLAUSE TITLE: Fast retrain negotiated

PROPOSED REVISION TEXT:

Remove the second sentence of 45.2.1.78.3 (bit 1.147.4), "This is the condition where both the local device indicated fast retrain ability (bit 7.32.1 is one) and the link partner indicated fast retrain ability (bit 7.33.1 is one)." and place it as the second sentence of 45.2.1.78.4 (bit 1.147.3) so that the text reads: "When read as a one, bit 1.147.3 indicates that the PHY negotiated fast retrain, as defined in 55.4.2.5.15 during the most recent auto-negotiation. This is the condition where both the local device indicated fast retrain ability (bit 7.32.1 is one) and the link partner indicated fast retrain ability (bit 7.33.1 is one). When read as a zero, bit 1.147.3 indicates that the PHY did not negotiate fast retrain. See 45.2.7.10.6."

RATIONALE FOR REVISION:

The proposed text was accepted during comment resolution on P802.3 (802.3bh) draft 2.0 comment # 463. However the change was incorrectly applied to 45.2.1.78.3 (bit 1.147.4) instead of 45.2.1.78.4 (bit 1.147.3).

The comment response is included below:

ACCEPT IN PRINCIPLE.

In 45.2.1.78.4, insert a new second sentence: "This is the condition where both the local device indicated fast retrain ability (bit 7.32.1 is one) and the link partner indicated fast retrain ability (bit 7.33.1 is one)."

IMPACT ON EXISTING NETWORKS:

No impact to existing networks.

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| Please attach supporting material, if any
| Submit to:- David Law, Chair IEEE 802.3
| and copy:- Wael William Diab, Vice-Chair IEEE 802.3
|
| At:-          E-Mail: stds-802-3-maint-req@ieee.org
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|           +----- For official 802.3 use -----+
|           | REV REQ NUMBER: 1235
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| For information about this Revision Request see -
| http://www.ieee802.org/3/maint/requests/revision\_history.html#REQ1235
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