8802-3/802.3 REVISION REQUEST 1123

DATE: 5th Jan, 2004
NAME: Geoff Thompson
COMPANY/AFFILIATION: Nortel
E-MAIL: thompson@ieee.org

REQUESTED REVISION:
STANDARD: IEEE Std. 802.3-2002
CLAUSE NUMBER: 24.2.4.2
CLAUSE TITLE: Transmit

PROPOSED REVISION TEXT:

THE TEXT:

24.2.4.2 Transmit (Paragraph 2)

Collision detection is implemented by noting the occurrence of carrier receptions during transmissions, following the model of 10BASE-T. The indication of link_status [not =] OK by the PMA at any time causes an immediate transition to the IDLE state and supersedes any other Transmit process operations.

SHOULD BE SPLIT INTO TWO PARAGRAPHS, I.E.:

Collision detection is implemented by noting the occurrence of carrier receptions during transmissions, following the model of 10BASE-T.

The indication of link_status [not =] OK by the PMA at any time causes an immediate transition to the IDLE state and supersedes any other Transmit process operations.

RATIONALE FOR REVISION:

I believe that the current organization is confusing to many who are not intimately familiar with 10BASE-T and 100BASE-T. Having the text in a single paragraph confuses that the functions of collision detection and transmit disable are a single function rather than 2 entirely separate functions. (This editorial change should also be made in 66.1.2.2, though I have no idea how to do that in the current context of things.)

IMPACT ON EXISTING NETWORKS:

None.
Please attach supporting material, if any
Submit to:- Bob Grow, Chair IEEE 802.3
E-Mail: Bob.Grow@intel.com

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| REV REQ NUMBER: 1123                          | REV getRequestNumber: 1123 |
| DATE RECEIVED: 5th Jan, 2004                  | DATE RECEIVED: 5th Jan, 2004 |
| EDITORIAL/TECHNICAL                          | EDITORIAL/TECHNICAL |
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| BALLOT REQ'D YES/NO                           | BALLOT REQ'D YES/NO |
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