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| 8802-3/802.3 REVISION REQUEST 1130 |  
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DATE: 2nd Mar, 2004  
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REQUESTED REVISION:  
STANDARD: IEEE Std 802.3-2002  
CLAUSE NUMBER: 24.2.4.2  
CLAUSE TITLE: Transmit

PROPOSED REVISION 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, This is all editorial.

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| Please attach supporting material, if any
| Submit to:- Bob Grow, Chair IEEE 802.3
|           E-Mail: Bob.Grow@intel.com
|
|           +----- For official 802.3 use -----+
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| For information about this Revision Request see -
| http://www.ieee802.org/3/maint/requests/revision\_history.html#REQ1130
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