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|                 8802-3/802.3 REVISION REQUEST 1123                |          2
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                                                                               4
DATE:                   5th Jan, 2004                                          5
NAME:                   Geoff Thompson                                         6
COMPANY/AFFILIATION: Nortel                                                    7
E-MAIL:                 thompson@ieee.org                                      8
                                                                               9
REQUESTED REVISION:                                                           10
    STANDARD:           IEEE Std. 802.3-2002                                  11
    CLAUSE NUMBER:    24.2.4.2                                                12
    CLAUSE TITLE:     Transmit                                               13
                                                                             14
PROPOSED REVISION TEXT:                                                       15
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THE TEXT:                                                                     17
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24.2.4.2 Transmit (Paragraph 2)                                              20
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Collision detection is implemented by noting the occurrence of carrier       23
receptions during transmissions, following the model of 10BASE-T. The        24
indication of link_status [not =] OK by the PMA at any time causes an         25
immediate transition to the IDLE state and supersedes any other Transmit
process operations.                                                          26
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SHOULD BE SPLIT INTO TWO PARAGRAPHS, I.E.:                                   29
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                                                                             31
Collision detection is implemented by noting the occurrence of carrier       32
receptions during transmissions, following the model of 10BASE-T.            33
                                                                             34
The indication of link_status [not =] OK by the PMA at any time causes an    35
immediate transition to the IDLE state and supersedes any other Transmit     36
process operations.                                                          37
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RATIONALE FOR REVISION:                                                      39
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I believe that the current organization is confusing to many who are not     41
intimately familiar with 10BASE-T and 100BASE-T. Having the text in a        42
single paragraph confuses that the functions of collision detection and      43
transmit disable are a single function rather than 2 entirely separate       44
functions. (This editorial change should also be made in 66.1.2.2, though    45
I have no idea how to do that in the current context of things.)             46
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IMPACT ON EXISTING NETWORKS:                                                 48
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None.                                                                        50
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| Please attach supporting material, if any                            |       2
| Submit to:- Bob Grow, Chair IEEE 802.3                               |       3
|             E-Mail: Bob.Grow@intel.com                               |       4
|                                                                      |       5
|             +------- For official 802.3 use -----------+             |       6
|             | REV REQ NUMBER: 1123                     |             |       7
|             | DATE RECEIVED: 5th Jan, 2004             |             |       8
|             | EDITORIAL/TECHNICAL                      |             |       9
|             | ACCEPTED/DENIED                          |             |      10
|             | BALLOT REQ'D YES/NO                      |             |      11
|             | COMMENTS: 08-Mar-06 Ver: D2.0 Status: P  |             |      12
+-------------+------------------------------------------+-------------+      13
| For information about this Revision Request see -                     |      14
|http://www.ieee802.org/3/maint/requests/revision_history.html#REQ1123 |      15
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