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|                  8802-3/802.3 REVISION REQUEST 1144                 |      2
+=====================================================================+      3
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DATE:                 21st May, 2004                                         5
NAME:                 Thomas Mathey                                          6
COMPANY/AFFILIATION:  Independent                                            7
E-MAIL:               tmathey@concentric.net                                 8
                                                                             9
REQUESTED REVISION:                                                         10
    STANDARD:         IEEE Std 802.3-2002                                   11
    CLAUSE NUMBER:    14.2.1.5                                              12
    CLAUSE TITLE:     signal_quality_error Message (SQE) Test function      13
                                                                            14
PROPOSED REVISION TEXT:                                                     15
                                                                            16
Change text from                                                           17
"shall be between 0. µs and 1.6 µs."                                       18
to "shall be between 0.6 µs and 1.6 µs."                                   19
by adding text "6" for 0.6 µs.                                             20
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For details see attached draft.                                            22
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RATIONALE FOR REVISION:                                                    25
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Text is missing a number.                                                  27
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IMPACT ON EXISTING NETWORKS:                                               30
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Editorial change only.                                                     32
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    +-----------------------------------------------------------------+    35
    | Please attach supporting material, if any                       |    36
    | Submit to:- Bob Grow, Chair IEEE 802.3                          |    37
    |            E-Mail: Bob.Grow@intel.com                           |    38
    |                                                                 |    39
    |          +------- For official 802.3 use -----------+          |    40
    |          | REV REQ NUMBER: 1144                      |          |    41
    |          | DATE RECEIVED: 21st May, 2004             |          |    42
    |          | EDITORIAL/TECHNICAL                       |          |    43
    |          | ACCEPTED/DENIED                           |          |    44
    |          | BALLOT REQ'D YES/NO                       |          |    45
    |          | COMMENTS: 08-Mar-06 Ver: D2.0 Status: P   |          |    46
    +----------+-------------------------------------------+----------+    47
    | For information about this Revision Request see -               |    48
    |http://www.ieee802.org/3/maint/requests/revision_history.html#REQ1144 | 49
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14.2.1.5 *signal_quality_error* Message (SQE) Test function requirements

Change the 1st paragraph of subclause 14.2.1.5 as follows:

The SQE Test function shall be performed by MAUs that are connected to DTEs in half duplex mode, and shall not be performed by MAUs that are connected to repeaters. When the SQE test is performed, the MAU shall send CS0 on the CI circuit for a time "SQE_test" beginning a time "SQE_test_wait" after the last positive transition of a packet on the DO circuit. The value of "SQE_test" shall be 10 BT ± 5 BT and the value of "SQE_test_wait" shall be between 0.6 μs and 1.6 μs. This function should use as much of the normal collision detection and signaling circuitry as possible without introducing extraneous signals on the TD circuit or the DI circuit.