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|                  8802-3/802.3 REVISION REQUEST 1239                  |      2
+----------------======================================================+      3
                                                                              4
DATE:                  2013.02.28                                             5
NAME:                  Marek Hajduczenia; Andrea Garavaglia                   6
COMPANY/AFFILIATION: ZTE Corporation; Qualcomm                                7
E-MAIL:                marek.hajduczenia@zte.pt; andreag@qti.qualcomm.com      8
                                                                              9
REQUESTED REVISION:                                                          10
    STANDARD:          802.3-2012                                            11
    CLAUSE NUMBER:     77.2.2.3; 77.2.2.7                                    12
    CLAUSE TITLE:      Variables; State diagrams                            13
                                                                             14
PROPOSED REVISION TEXT:                                                      15
[1] Add variable to 77.2.2.3 Variables                                      16
ResetBound                                                                   17
TYPE: 32-bit unsigned                                                        18
This variable represents the value of DelayBound (see 76.3.1.2)             19
expressed in units of octet time (i.e., ResetBound = 8 * DelayBound).       20
                                                                             21
[2] Add variable to 77.2.2.3 Variables                                      22
IdleGapCount                                                                 23
TYPE: 32-bit unsigned                                                        24
This variable represents length of gap between subsequent frames,           25
expressed in the unit of octet time. This variable advances by 1 after      26
every 8-bit times.                                                           27
                                                                             28
[3] Modify Figure 77-14 by replacing all instances of 'IdleCount' with      29
'IdleGapCount'.                                                              30
                                                                             31
RATIONALE FOR REVISION:                                                      32
Maintenance Request 1220 (http://www.ieee802.org/3/maint/requests/          33
maint_1220.pdf) was not merged correctly into 802.3-2012 as published.      34
While changes to the state diagram in Figure 77-14 were committed, there    35
are no changes to subclause 77.2.2.3 'Variables' made, leaving              36
ResetBound and IdleCount variables undefined.                               37
Furthermore, the accepted resolution for Maintenance Request 1220           38
(http://www.ieee802.org/3/maint/requests/revision_history.html#REQ1220)     39
indicates the change to the name of the variable from IdleCount to          40
IdleGapCount, which was not reflected correctly in Figure 77-14.            41
Since there are no other maintenance requests modifying this particular     42
figure, or comments received against it in 802.3bh ballots, the missing     43
definitions and changes to Figure 77-14 must be implemented.                44
                                                                             45
IMPACT ON EXISTING NETWORKS:                                                46
None, the proposed changes affect only definitions of functions, but do     47
not affect the operation of existing networks.                              48
                                                                             49
+----------------------------------------------------------------------+     50
| Please attach supporting material, if any                           |     51
| Submit to:- David Law, Chair IEEE 802.3                             |     52
|  and copy:- Wael William Diab, Vice-Chair IEEE 802.3                |     53
|                                                                      |     54
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| At:-        E-Mail: stds-802-3-maint-req@ieee.org              |        1
|                                                                |        2
|              +------- For official 802.3 use -----------+      |        3
|              | REV REQ NUMBER: 1239                      |      |        4
|              | DATE RECEIVED: 2013.02.28         |       |      |        5
|              | EDITORIAL/TECHNICAL               |       |      |        6
|              | ACCEPTED/DENIED                   |       |      |        7
|              | BALLOT REQ'D YES/NO               |       |      |        8
|              | COMMENTS: XX-Xxx-XX Ver: D1.0 Status: R   |      |        9
+-------------+-------------------------------------------+------------+   10
| For information about this Revision Request see -              |       11
|http://www.ieee802.org/3/maint/requests/revision_history.html#REQ1239 |  12
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