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|                8802-3/802.3 REVISION REQUEST 1248               |      2
+-----------------================================================+      3
                                                                         4
DATE:                15th August, 2013                                   5
NAME:                Arthur Marris                                       6
COMPANY/AFFILIATION: Cadence Design Systems                              7
E-MAIL:                                                                  8
                                                                         9
REQUESTED REVISION:                                                     10
    STANDARD:        IEEE Std 802.3-2012                                11
    CLAUSE NUMBER:   78.1.2.2.3                                         12
    CLAUSE TITLE:    When generated                                     13
                                                                        14
PROPOSED REVISION TEXT:                                                 15
This primitive is generated by the RS when it receives Assert LPI encoded  16
on the receive xMII.                                                    17
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RATIONALE FOR REVISION:                                                 20
The current text says 'This primitive is generated by the PHY when it  21
receives an LPI signal or a wake signal from its link partner'.Figure 78-  22
1 clearly shows that LPI_IDLE.indication is generated by the RS and not  23
the PHY. Also 78.1.3.2 says the value of the primitive is determined    24
solely by the encoding on the MII interface so the reference to the wake  25
signal is incorrect.                                                    26
                                                                        27
IMPACT ON EXISTING NETWORKS:                                            28
78.1.2.2.3 is clearly wrong and implementers will have used the        29
definition in 78.1.3.2 which is correct so there will be no impact on  30
existing networks. However the text in 78.1.2.2.3 is confusing and wrong  31
and needs to be changed.                                               32
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+-----------------------------------------------------------------+     36
| Please attach supporting material, if any                       |     37
| Submit to:- David Law, Chair IEEE 802.3                         |     38
|  and copy:- Wael William Diab, Vice-Chair IEEE 802.3            |     39
|                                                                 |     40
| At:-         E-Mail: stds-802-3-maint-req@ieee.org              |     41
|                                                                 |     42
|             +------- For official 802.3 use -----------+       |     43
|             | REV REQ NUMBER: 1248                      |       |     44
|             | DATE RECEIVED: 15th August, 2013          |       |     45
|             | EDITORIAL/TECHNICAL                       |       |     46
|             | ACCEPTED/DENIED                           |       |     47
|             | BALLOT REQ'D YES/NO                       |       |     48
|             | COMMENTS: XX-Xxx-XX Ver: 1D1.0 Status: R |       |     49
+-------------+-------------------------------------------+-------+     50
| For information about this Revision Request see -               |     51
|http://www.ieee802.org/3/maint/requests/revision_history.html#REQ1248 |  52
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