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+-------------------------------------------------------------------+     1
|                  8802-3/802.3 REVISION REQUEST 1172           |     2
+-------------------------------------------------------------------+     3
                                                                          4
DATE:                  29th Sep, 2005                                     5
NAME:                  Wael William Diab                                  6
COMPANY/AFFILIATION: Cisco Systems                                        7
E-MAIL:                wdiab@cisco.com                                    8
                                                                          9
REQUESTED REVISION:                                                      10
    STANDARD:          802.3REVam or 802.3ah-2004                        11
    CLAUSE NUMBER:     65                                                12
    CLAUSE TITLE:      Extensions of the Reconciliation Sublayer (RS) and 13
                       Physical Coding Sublayer (PCS) / Physical Media   14
                       Attachment (PMA) for 1000BASE-X for Multi-Point   15
                       Links and Forward Error Correction                16
                                                                         17
PROPOSED REVISION TEXT:                                                  18
                                                                         19
Associate a PICs entry with 65.3.2 section on the OLT Receiver.          20
                                                                         21
RATIONALE FOR REVISION:                                                  22
                                                                         23
We have a shall statement for Tcdr + Tcode_group_align but no PICs       24
(Tcode_group_align is fixed at 32 by C36 re-inforcing Tcdr as 400 nsec). 25
                                                                         26
IMPACT ON EXISTING NETWORKS:                                            27
None. This should be an ER. We have a shall statement without a PICs.    28
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                                                                         30
SUPPORTING MATERIAL:                                                    31
                                                                         32
Tcdr is the frequency & phase lock. I did the motion for this back in Jan 33
2003. Look at pages 1 & 7 of http://www.ieee802.org/3/efm/public/jan03/  34
optics/bhatt_general_1_0103.pdf My original preso was under http://      35
www.ieee802.org/3/efm/public/jan03/optics/diab_optics_1_0103.pdf         36
                                                                         37
+-------------------------------------------------------------------+    38
| Please attach supporting material, if any                         |    39
| Submit to:- Bob Grow, Chair IEEE 802.3                            |    40
|            E-Mail: Bob.Grow@intel.com                             |    41
|                                                                   |    42
|            +------- For official 802.3 use -----------+          |    43
|            | REV REQ NUMBER: 1172                      |          |    44
|            | DATE RECEIVED: 29th Sep, 2005             |          |    45
|            | EDITORIAL/TECHNICAL                       |          |    46
|            | ACCEPTED/DENIED                           |          |    47
|            | BALLOT REQ'D YES/NO                       |          |    48
|            | COMMENTS: 14-May-07 Ver: D1.2 Status: V  |          |    49
+-------------+---------------------------------------------+-------------+  50
| For information about this Revision Request see -                 |    51
|http://www.ieee802.org/3/maint/requests/revision_history.html#REQ1172 |  52
+-------------------------------------------------------------------+    53
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