REQUESTED REVISION:

STANDARD: 802.3REVam or 802.3ah-2004
CLAUSE NUMBER: 60
CLAUSE TITLE: Physical Medium Dependent (PMD) sublayer and medium, Type 1000BASE-PX10 and 1000BASE-PX20 (long wavelength passive optical networks)

PROPOSED REVISION TEXT:

Delete footnote c from Table 60-5 and Table 60-8

RATIONALE FOR REVISION:

Nowhere is the Treceiver_settling or a combined value that includes it normative in the specification. The goal of 802.3ah was to provide a relaxed timing for Treceiver_settling which would allow for Gigabit Ethernet technology to be used for EPON OLTs. In the process The group forgot to do dilligence on numbers that went between clauses. As it stands, this is very confusing and not clearly defined.

IMPACT ON EXISTING NETWORKS:

None. The optical market base is either using optics designed for GPON that have much tighter Treceiver_settling than 400 nsec or are using the 400 nsec as a normative time. Also, the protocol allows for the OLT to communicate a synch time that includes Treceiver_settling so an implemention that does better than the 400 nsec can take advantage of that.

Please attach supporting material, if any

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----- For official 802.3 use ------
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DATE RECEIVED: 29th Sep, 2005
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ACCEPTED/DENIED
BALLOT REQ'D YES/NO
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For information about this Revision Request see -
http://www.ieee802.org/3/maint/requests/revision_history.html#REQ1171