
| 8802-3/802.3 REVISION REQUEST 1196 |

DATE: 10th Jul, 2008
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REQUESTED REVISION:
STANDARD: 802.3as-2006
CLAUSE NUMBER: 64
CLAUSE TITLE: Multipoint MAC Control

PROPOSED REVISION TEXT:
Revise text in figures 64-12 and 64-13 in accordance with the attached figures.

RATIONALE FOR REVISION:
The state diagrams relied on the particular behaviour of the TransmitFrame() primitive - ie. that it completes after the final bit has been transferred to the PHY. 802.3as-2006 replaced the invocations of TransmitFrame() with MA_DATA.Request() - which completes without delay.

But 802.3as-2006 did not correspondingly update the transmission backoff timer, which must now compensate for the fact that the primitive returns immediately. Consequently, in each of the 4 places where "packet_initiate_delay" is calculated, the term "round_up((length+tailGuard) / 2)" must be added. This value corresponds to the duration of the TransmitFrame() primitive.

IMPACT ON EXISTING NETWORKS:
This change restores the text to conform to the behaviour of 802.3-2005 which is the behaviour followed by all deployed EPON devices.

| Please attach supporting material, if any
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| For information about this Revision Request see -
| http://www.ieee802.org/3/maint/requests/revision_history.html#REQ1196
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