To
INCITS T10 Committee

From
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Subject
ADT Discarding During Port Logout

Date
04 November, 2004

Revision history
Revision 0 – Initial proposal.
Revision 1 – Modifications as agreed at the 8 November 2004 meeting, see discussion item (d) of 04-385r0.

Background
The investigation for 04-350r0 ADT Guidance on state machines revealed that the existing ADT text does not state what a port does with non-acknowledgement information units received after it sends a Port Logout IU and before it receives an acknowledgement IU. During the discussion of 04-350r0, a consensus emerged that the port requesting the logout could discard these non-acknowledgement information units without acknowledging them.

Proposed changes to the draft standard

6.5.5 Port logout information unit
After sending a Port Logout IU and before receiving the corresponding acknowledgement IU, a port may discard without acknowledgement any frame, other than an acknowledgement IU, received.

Upon receiving a Port Logout IU, a DTD port shall:

a) abort all open exchanges;
b) disable Asynchronous Event Reporting;
c) disable initiating Port Login exchanges; and
d) set port operating parameters to default following transmission of the ACK IU for the Port Logout IU (see 4.2).