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.

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-acknowledgment 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 ACK IU, a port may discard without acknowledgement any non-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).