

To: T10 Technical Committee
From: Dana Hall, Maxtor Corporation
Subject: Extra ACK/NAK Policy
T10 Doc: T10/02-204r0

Proposal:

Incorporate the text below into the SAS Specification

The SAS link layer shall continuously monitor the number of ACK/NAK primitives received versus the number of frame EOF's transmitted. If at any time the number of ACK/NAK primitives received exceeds the number of frame EOF's transmitted, the device link layer shall recognize an unexpected ACK/NAK error condition and immediately transmit a BREAK primitive. Targets, which detect this error case, shall set Unit Attention and abort all commands for that I-T nexus. Initiators, which detect this error case, are recommended to abort all commands for that I-T nexus