

T10/06-309r0 SAT - Add AMNF to Error Translation Map

To: T10 Technical Committee
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Subject: T10/06-309r0 SAT - Add AMNF to Error Translation Map

Revision History

Revision 0 (June 28, 2006) first revision

Related Documents

(T10) sat-r08a – SCSI to ATA Translation (SAT), Revision 8a
(T10) spc-4 r04 – SCSI Primary Commands - 4, Revision 4

Overview

1. An ATA error identified in testing at HP on a SATA drive is not listed in the SAT error translation table. It was originally requested to be in the table when the table was created, but participants at the time believed the bit was never implemented by any device suppliers.
2. Please add the “AMNF” bit translation to the translation table in the SAT specification.

Suggested Changes

Add the following to SAT-r08a Table 84:

Table 84: Translation of ATA errors to SCSI errors

ATA Error		SCSI Error	
Register		SENSE KEY	ADDITIONAL SENSE CODE
Status	Error		
ERR	AMNF	MEDIUM ERROR	ADDRESS MARK NOT FOUND FOR DATA FIELD