

To: T10 Technical Committee
From: Rob Elliott, HP (elliott@hp.com)
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Subject: 02-445r0 SAS wide link error handling

Revision History

Revision 0 (28 October 2002) First revision

Related Documents

sas-r02b - Serial Attached SCSI revision 2b

Overview

Some rules are needed to prevent and handle illegal wide links - protocol and device type mismatches.

Suggested Changes

7.7.2 IDENTIFY address frame

Table 58 defines the IDENTIFY address frame format used for the identification sequence. The IDENTIFY address frame is sent after the phy reset sequence completes and the physical link is a SAS physical link.

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A wide port shall set the DEVICE TYPE field, SSP INITIATOR field, SMP INITIATOR field, STP INITIATOR field, SSP TARGET field, SMP TARGET field, STP TARGET field to the same set of values on each phy in the wide port. Recipient ports need not check the consistency of these fields across phys.