

March 5, 2003

To: T10 Technical Committee
From: Brian Day
LSI Logic Corporation
4420 Arrowswest Drive
Colorado Springs, CO 80907

Re: SAS Invalid Initiator Connection Tag

The behavior when an initiator receives an incorrect INITIATOR CONNECTION TAG in an OPEN frame received from a target is not defined.

I propose the following changes to the SAS spec (referencing revision 3d):

In section 7.1.4.11, the description for OPEN_REJECT(PROTOCOL NOT SUPPORTED) in table 70 changed to:

Device with destination SAS address exists but the destination device does not support the requested initiator/ target role, protocol, or features (i.e., the values in the INITIATOR bit, the PROTOCOL field, the INITIATOR CONNECTION TAG field, and/or the FEATURES field in the OPEN address frame are invalid or not supported).

In section 7.12.5.2, add the following paragraph:

This state may check the OPEN address frame INITIATOR CONNECTION TAG field. If the INITIATOR CONNECTION TAG is invalid, this transition shall occur after this state requests an OPEN_REJECT (PROTOCOL NOT SUPPORTED) be transmitted by sending a Transmit OPEN_REJECT (PROTOCOL NOT SUPPORTED) parameter the SL transmitter.