



subject: Request Sense through BUSY Status.

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To: Membership, X3T9.2

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The BUSY status currently provides no means for determining which initiator caused the BUSY condition.

This proposal attempts to address this concern with an additional requirement placed on the BUSY status and some additional information returned via a subsequent request sense.

The first change is to the definition of BUSY in section 6.3, page 6-9. The following should replace the last line of the current description:

"The initiator may issue a REQUEST SENSE command to obtain any additional information which may be available after a BUSY status is encountered. If no additional information is available, the target shall send a BUSY status in response to the REQUEST SENSE command."

In addition ^{may} to this change, the description of the REQUEST SENSE Command in section 7.1.14 should have the following sentence added:

"The sense data shall be valid for a BUSY status if the target accepts request sense commands through BUSY (see section 6.3)."

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The next change is to the definition of the REQUEST SENSE command in section 7.1.14.4, page 7-61. The following should be added:

7.1.8.4 Returning Additional Busy Information

The sense key shall be set to NOT READY and the SKSV bit set to one with the sense key specific bytes defined as shown in Table 7-23b. The SCSI ID field (SID) in byte 15 contains the SCSI ID of the SCSI device which caused the BUSY condition. The additional sense code shall be assigned one of the two following values, COMMAND IN PROGRESS or LU UNAVAILABLE PENDING INITIATOR RECOVERY."

If the target completes the operation which caused the BUSY status prior to the request sense, the sense information shall be defined as in the REQUEST SENSE section (see section 7.1.14).

	7	6	5	4	3	2	1	0
15	SKVS	Resrvd			SID			
16	Reserved							
17	Reserved							

Table 7-23b: Additional Busy Information