ENDL
T E X A S

Date: 7 May 2003
To: T10 Technical Committee
From: Ralph O. Weber
Subject: QErr=01b & CHECK CONDITION Initiator

I have a very old request from Dave Peterson the response to which suggests the need for the additions shown in blue in the QERR definition table.

Table xxx — Queue error management (QERR) field

Value	Definition
00b	If an ACA condition is established, the affected tasks in the task set shall resume after the ACA condition is cleared (see SAM-3). Otherwise, all tasks shall be processed as if no error occurred.
01b	All the affected tasks in the task set shall be aborted when the CHECK CONDITION status is sent. If the TAS bit is zero, a unit attention condition (see SAM-2) shall be generated for each initiator that had tasks aborted except for the initiator to which the CHECK CONDITION status was sent. The device server shall set the additional sense code to COMMANDS CLEARED BY ANOTHER INITIATOR. If the TAS bit is one, all affected tasks for initiators other than the initiator for which the CHECK CONDITION status was sent shall be completed with a TASK ABORTED status and no unit attention shall be generated. For the initiator to which the CHECK CONDITION status is sent, no status shall be sent for the tasks that are aborted.
10b	Reserved
11b	Affected tasks in the task set belonging to the initiator to which a CHECK CONDITION status is sent shall be aborted when the status is sent.

This proposal revision (r1) simplifies the proposed text additions as agreed by the May working group.