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X3T9.2/88-90

Rev 1

DATE: July 27, 1988
TO: John B. Lohmeyer, X3T9.2 Chairman
FROM: Ben Driscoll, SCSI-2 Section 14 Editor *Driscoll*
SUBJECT: SCSI Additional Sense Codes

X3T9.2 document 88-032 Rev 1 contains the Additional Sense Codes and Qualifiers for the SCSI-2 manual. This document contains questionable ("?) codes for the Scanner devices, which I will address at this time.

Function Code 2E, Qualifiers 00, 01, 02, 03, 04:

I can find no reason not to move the Qualifiers 01, 02, 03 and 04 to Code 3B as long as separate Qualifiers are assigned, such as 09, 0A, 0B and 0C. The distinction of being "past" a given point in the page must remain as part of the Sense Code.

Function Code 2C, Qualifier 01:

The Scanner command set allows for the possibility of archiving window definitions within the scanner device. If, however, a particular vendor does not support this option then an error must be reported. There is no one field within a CDB that can be pointed out as an error; the entire command attempting to define another window is in error. Specifying this as a sequence error is logical since any one window definition is allowed but a series or sequence of definitions is an error. This should remain a sequence error.

Function Code 2C, Qualifier 02:

If a vendor allows multiple windows to be defined, archived and executed then an error may occur at scan time. If, for example, the user specifies multiple windows to scan but selects a different resolution for each window then an error may occur if the device cannot scan at multiple resolutions in a single scan session. Again, the individual window definitions are valid but the sequence of execution is an error. This should remain a sequence error.