

**NEC**  
**NEC Technologies, Inc.**

PM/EL/L1639

April 24, 1991

Mr. John B. Lohmeyer  
Chairman, X3T9.2  
NCR Corporation  
3718 North Rock Road  
Wichita, Kansas 67226

Dear Mr. Lohmeyer:

I have run across an incompatibility condition between a particular host adapter and one of our SCSI interfaced disk drives which I believe to be related to an inconsistency between the SCSI-1 standard and the SCSI-2 draft proposal. The inconsistency is as follows:

Page 52 paragraph 6.1.3 of the ANSI standard X3.131-1986 states, "if an inquiry command is received from an initiator with a pending unit attention condition (before the target reports check condition status), the target shall perform the inquiry command and shall not clear the unit attention condition".

SCSI-2, Rev. 10B, page 5-14, paragraph 5.2.2.1 states, "it is recommended that following a reset to selection time after a hard reset condition ends, SCSI targets are able to respond with appropriate status and sense data to the test unit ready, inquiry and request sense commands".

Note that ANSI X3.131-1986 uses the word shall while the SCSI-2 draft proposal uses the word recommended. This I am sure adds to the confusion and creates a possibility for incompatibility.

I suggest that the wording in the SCSI-2 draft proposal be changed by substituting the word required for the word recommended in the above noted paragraph.

I shall ask our primary representative to bring this up at the next plenary meeting, but would also appreciate your opinion of my suggestion.

Sincerely,

Ernest Luttig  
Mgr. Disk Support  
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EL:dt

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