To   : X3T9.2 Committee
From : Pete Bramhall, HP

Subj : Comments on SCSI-2 Working Draft Rev 7
Date : 16 February 1989

1. Page 7-46, 2nd para, 2nd sentence
Proposed change from (beginning-of-tape)
                to   beginning-of-partition

Justification : the EOM bit regards partition limits as an
end-of-medium condition

2. Page 7-72, 2nd para in Section 7.3.2.3, first sentence
Proposed replacement : The contents of the parameter value
field of each log parameter is an ASCII character string
(describing) which may describe the error event.

Justification : The space overhead of carrying a complete set
of explanatory ASCII text strings, plus the added complexity
of configuring these correctly into different languages for
different markets, is likely to lead to implementations which
do not support this field or use short, terse strings which
are not usefully descriptive, so the standard should allow
flexibility here.

3. There are a number of places where a reference is made to
para 9.3.2, the Device Configuration Mode Parameters Page,
which should now be para 9.3.3.1 :
page 9-18, 4th para
page 9-26, 2nd para
page 9-33, 2nd para
page 9-34, 4th para
page 9-36, 2nd para(twice)
page 9-38, 1st para
page 9-41, 1st para

4. Page 9-19, bottom para, reference to (9.3.1) should be to
(9.3.3.4)

5. Pages 9-26, 9-27, 9-28
Sections 9.2.10 and 9.2.11 both describe RELEASE UNIT.

6. Page 9-33, bottom para, 1st sentence
Add text : ... the sense key shall be set to MEDIUM ERROR, the EOM bit shall be set to one, and the valid bit shall be set to one.

Justification : The EOM bit should be set at the end of a partition.

7. Page 9-46, Table 9-24, entry for 13h
Replace Reference column entry (DAT) by X3B5/88-185A

8. Page 9-49, bottom para.
Issue : This paragraph states that the RSmk bit in the Device Configuration Page shall control the interpretation of the SOCF field in that page. The RSmk bit was defined to control whether or not setmarks are recognized and reported during read and space operations. This paragraph, therefore, causes it to have 2 functions.

I don't believe this is appropriate - it is quite possible for a user to wish setmarks to be reported and for the SOCF field to be interpreted as Stop on Consecutive Filemarks. There is no way to express this by using the RSmk bit for these two separate functions.

It is also quite possible for a user to want to stop readahead on consecutive filemarks or setmarks, but with different numbers for each. In this case, separate controls are required for each type of mark.

Proposal : Define a new field called SOCS and locate it in byte 10 bits 0,1,2 which are currently Reserved. The definition shall be the same as SOCF, with references to setmarks substituted for references to filemarks.
Modify Table 9-26 accordingly. Delete the last sentence of page 9-49 bottom para and add another para similar to that but with references to setmarks instead of filemarks.

9. Page 9-52, Table 9-27 , byte 1
This should be Additional Page Length ((8+n)h) (6+n)h

10. Page 9-54, Table 9-28, byte 1
This should be Additional Page Length ((n)) (n-2)h