Date: February 5, 2003

To: T10 Committee (SCSI)

From: George Penokie (IBM/Tivoli)

Subject: Other SPC-3 Fixes

1 Overview

During an internal review of SPC-3 some errors and inconstancies were discovered. This proposal points out those areas and suggests corrections to SPC-3 rev 10.

2 Corrections

2.1 8.4.4.1 General block descriptor format

After the paragraph:

The NUMBER OF BLOCKS field specifies the number of logical blocks on the medium to which the DENSITY CODE and BLOCK LENGTH FIELDS apply. A value of zero indicates that all of the remaining logical blocks of the logical unit shall have the medium characteristics specified.

It would be a good idea to place wording similar to that in the Read Capacity command for dealing with devices that have more capacit that possible to report with the space allocated for the Number of Blocks. I suggest the following wording be added:

<< If the number of logical blocks on the medium exceeds the maximum value that may be specified in the NUMBER OF BLOCKS field a value of FF FF FFh indicates that all of the remaining logical blocks of the logical unit shall have the medium characteristics specified. >>

2.2 8.3.2.1 Attribute identifier values overview

The statement:

Device servers shall accept and process a WRITE ATTRIBUTES command containing standardized host type attribute identifier values (i.e., 0800h-0BFFh) or vendor unique host type attribute identifier values (i.e., 1400h-17FFh).

Is not correct as it requries all devcies to support the Write Attributes command. It should be changed to:

Device servers that accept and process a WRITE ATTRIBUTES command shall contain standardized host type attribute identifier values (i.e., 0800h-0BFFh) or vendor unique host type attribute identifier values (i.e., 1400h-17FFh).