

To: INCITS T10 Committee  
From: Paul Entzel, Quantum  
Date: 15 December 2004  
Document: T10/05-014r0  
Subject: SSC-3 Fix REPORT DENSITY SUPPORT data

## **1 Revision History**

Revision 0:  
Posted to the T10 web site on 15 December 2004.

## **2 Reference**

ssc2r09 - SCSI Stream Ccommand-2, revision 9  
ssc3r01b - SCSI Stream Ccommand-3, revision 1b  
T10/04-104r2 - SSC-3 add report to REPORT DENSITY SUPPORT command

## **3 General**

As proposal 04-104 evolved through several revisions, an error crept into it that was finally approved and incorporated into SSC-3 revision 1b. This proposal corrects the error.

Proposal 04-104 was originally written against SSC-2 revision 9. In that document, table 43 was labeled "Density support data block descriptor". The proposal requested that a bit is added to byte 2 in this table and bytes 3 and 4 be converted into a field specifying the length of the descriptor. The approved change was made to SSC-3 revision 1a in which a table had been added earlier in the document so that table 43 is now labeled "REPORT DENSITY SUPPORT header". The change requested by 04-104r2 was made to the wrong table. This proposal will correct this problem.

## **4 Proposed change**

All changes are in reference to SSC-3 revision 1b.

In table 43, remove bytes 2 through 5 and replace them with byte 2 and 3 marked "reserved". The descriptors should be changed to start at byte 4.

In table 44, create a single bit field in byte 2, bit 0 labeled "DLV". Change bytes 3 and 4 from "reserved" to a 2 byte field labeled "DESCRIPTOR LENGTH". Mark byte 3 as the MSB and byte 4 as the LSB.

Move the two paragraphs that describe the DLV and DESCRIPTOR LENGTH fields from below table 43 to below table 44.