To: T10 Technical Committee
From: Mark Overby, NVIDIA Corporation (moverby@nvidia.com)
Date: 27 February 2007
Subject: T10/07-081r0 SPC-4: ASC-ASCQ for ATA REQUEST SENSE

1 Overview

This proposal defines a new set of ASC/ASCQ codes that are reserved for use by the T13 standards committe to implement the proposed REQUEST SENSE for ATA. The direction the proposal is going for T13 is to leverage the sense key, ASC, and ASCQ values that are already defined in the T10 standards and use those same definitions for T13. However, there are ATA-specific ASC/ASCQ's that would be needed to describe specific ATA functionality related status and errors that would not be appropriate (e.g, SMART Command Transport) for T10 standards. Therefore, it is requested that a set of ASC/ASCQ codes be reserved for T13 use for the ATA family of standards.

2 Document Changes

2.1 Changes to SPC-4 (T10/1731-D rev 09)

Add the following new ASC / ASCQ to table 28 and C.2

ASC	ASCQ	D	T	L	P	W	R	O	M	A	E	B	K	V	F	Description
7Ah	All	D				R					E	B				Reserved for T13 ATA Standards
7Bh	All	D				R					E	B				Reserved for T13 ATA Standards
7Ch	All	D				R					E	B				Reserved for T13 ATA Standards
7Dh	All	D				R					E	B				Reserved for T13 ATA Standards
7Eh	All	D				R					E	B				Reserved for T13 ATA Standards
7Fh	All	D				R					E	B				Reserved for T13 ATA Standards