

Accredited Standards Committee*

InterNational Committee for Information Technology Standards (INCITS)

Doc. No.: T10/05-336r0

Date: October 16, 2005

Reply to: John Lohmeyer

To: T10 Membership
From: Mark Overby
Subject: SAT Working Group Conference Call -- October 7, 2005

Agenda

1. Opening Remarks
2. Approval of Agenda
3. Attendance and Membership
4. Old Business
 - 4.1 SAT Work Items List (04-391r8) [Sheffield]
 - 4.2 SAT - SEND DIAGNOSTIC command and Self-Test Results (05-245r0) [Bellamy]
5. New Business
 - 5.1 SAT: Control mode page translation (05-359r0) [Overby]
 - 5.2 SAT comparison of SCSI and ATA queuing (05-364r0) [Weber]
6. Review of (SAT) Working Draft
7. Review of Recommendations
8. Meeting Schedule
9. Adjournment

Results of Meeting

1. Opening Remarks

Bob Sheffield called the meeting to order at 1000 Friday, October 7, 2005.

2. Approval of Agenda

The draft agenda was approved as revised.

3. Attendance and Membership

Attendance at working group meetings does not count toward minimum attendance requirements for T10 membership. Working group meetings are open to any person or organization directly and materially affected by T10's scope of work. The following people attended the meeting:

Name	S	Organization
Mr. Kevin Marks	P	Dell, Inc.
Mr. Dan Colegrove	P	Hitachi Global Storage Tech.
Mr. Robert Sheffield	P	Intel Corp.
Mr. Mark Overby	P	Nvidia Corp.
Mr. Jim Hatfield	V	Seagate Technology

5 People Present

Status Key: P - Principal
 A,A# - Alternate
 AV - Advisory Member
 L - Liaison
 V - Visitor

4. Old Business

4.1 SAT Work Items List (04-391) [Sheffield]

Bob Sheffield deferred this to the face to face in October in Las Vegas.

4.2 SAT - SEND DIAGNOSTIC Command and Self Test Results (05-245r0) [Bellamy]

As Wayne Bellamy was not present, this item was deferred.

5. New Business

5.1 SAT: Control mode page translation (05-359r0) [Overby]

Mark Overby reviewed his proposal to create a translation for the control mode page. Mark explained the rationale between each translation and the existing SAT text as well as SPC. Mark received feedback from the attendees and incorporated that into a revision 1 for posting.

5.2 SAT comparison of SCSI and ATA queuing (05-364r0) [Weber]

Ralph Weber was not present but the group reviewed the proposal briefly to familiarize themselves for the October meeting. There was general consensus that this was a good table to have. Jim Hatfield noted that there seemed to be a need to have a row or text that indicates how the queue is aborted if one of the queued commands is outstanding a different command (non-queued) is sent. Jim also suggested that some of the wording about queue "participation" was confusing. The group agreed that these items should be reviewed with Ralph at the Las Vegas meeting.

6. Review of (SAT) Working Draft

Bob Sheffield reviewed the editors notes from revision 6 of the working draft. The definition of hard reset was discussed and Mark Overby suggested that the definitions flow back to the transport documents for ATA. Mark also noted that this was a good opportunity for him to add a definition of hard reset to ATA8-APT. In the discussion of the editors note around queuing mechanisms it was noted that this was beginning to be covered by Ralph Weber's proposal (05-364).

A discussion ensued about the block descriptor mode parameters. The SAT draft does not reference the density field that SPC has, but SBC does not have the density field. It was unclear what translation was actually needed

based on which standard to follow. Mark suggested that this be an item of discussion for the November meeting in Austin. Kevin Marks noted that the SAT draft did not specify when to check condition and what was allowed to be done for the MODE SELECT case.

General editor suggestions were also provided and Bob agreed to incorporate these into the next revision of the SAT draft.

7. Review of Recommendations

No recommendations were made.

8. Meeting Schedule

A SAT Working Group meeting is scheduled for:

Monday October 17, 2005 from 9:00 a.m. to 5:00 p.m. in Las Vegas, NV at the Monte Carlo Hotel.

Tuesday November 8, 2005 from 9:00 a.m. to 6:00 p.m. in Austin, TX at the Driskill, hosted by Dell.

9. Adjournment

The meeting was adjourned at 1200.