

Accredited Standards Committee\*  
**InterNational Committee for Information Technology Standards (INCITS)**

**Doc. No.:** T10/07-369r0

**Date:** August 20, 2007

**Reply to:** John Lohmeyer

To: T10 Membership  
From: John Lohmeyer and Mark Overby  
Subject: SAT Working Group Meeting -- August 20, 2007  
Longmont, CO

## Agenda

1. Opening Remarks
2. Approval of Agenda
3. Attendance and Membership
4. Old Business
  - 4.1 SAT-2: Work Items and Open Issues List (06-497) [Overby]
  - 4.2 SAT-2 WRITE LONG to WRITE UNCORRECTABLE EXT (07-200) [Elliott and Wolford]
  - 4.3 SAT-2 On disk data format (07-242) [Elliott]
  - 4.4 SAT-2: Translation of zero-length security protocol commands (07-325) [Overby]
  - 4.5 SPC-4, SAT-2, Proposal to add the ATA device password security feature (06-070) [Stevens]
5. New Business
6. Review of SAT-2 working draft [Overby]
7. Review of Recommendations
8. Meeting Schedule
9. Adjournment

## Results of Meeting

### 1. Opening Remarks

John Lohmeyer called the meeting to order at 9:08 a.m. Monday, August 20, 2007. He thanked Jim Hatfield of Seagate Technology for hosting the meeting. As usual, the people present introduced themselves.

### 2. Approval of Agenda

The draft agenda was approved with no changes.

No additions and changes were made during the course of the meeting.

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**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. Jeff Wolford	V	Hewlett Packard Co.
Mr. Dan Colegrove	P	Hitachi Global Storage Tech.
Mr. Brad Besmer	V	LSI Corp.
Mr. John Lohmeyer	P	LSI Corp.
Mr. Travis Veldkamp	V	LSI Corp.
Mr. Mark Overby	P	Nvidia Corp.
Mr. Jim Hatfield	V	Seagate Technology
Mr. Curtis Stevens	A	Western Digital

8 People Present

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

**4. Old Business**

**4.1 SAT-2: Work Items and Open Issues List (06-497) [Overby]**

Mark Overby reviewed revision 7 of the work items and open issues list. The group made revisions to the list. Mark agreed to post revision 8 of the issues list. Several issues still do not have an owner. Mark Overby suggested that the cut-off date for proposals for SAT-2 be November 2007. He wants to issue the forwarding letter ballot following the May 2008 meeting.

**4.2 SAT-2 WRITE LONG to WRITE UNCORRECTABLE EXT (07-200) [Elliott and Wolford]**

Jeff Wolford presented 07-200r2, SAT-2 WRITE LONG to WRITE UNCORRECTABLE EXT. He reviewed the changes made since revision 1. Revision 2 had not yet been posted, so changes suggested by the group were added to revision 2. A row was added to Table 11 defining what is done for a COR\_DIS of 0, WR\_UNCOR of 1, and PBLOCK of 0.

There was a straw poll on the issue of should READ CAPACITY(16) be supported when the underlying media contains multiple logical blocks per physical block. 5 people wanted READ CAPACITY(16) support to be required and 2 people did not want it to be required.

Jeff agreed to post the revised document for consideration at the next meeting.

**4.3 SAT-2 On disk data format (07-242) [Elliott]**

Jeff Wolford that this agenda item be deferred to the next meeting.

#### **4.4 SAT-2: Translation of zero-length security protocol commands (07-325) [Overby]**

Mark Overby presented 07-325r0, SAT-2: Translation of zero-length security protocol commands. The issue of not being able to translate zero-length security protocol commands was discussed. At the last meeting, Mark agreed to make revisions based on what T13 decides to do with zero-length trusted commands. At the subsequent T13 meeting, T13 agreed to make zero-length trusted commands, protocol specific. Mark said that this is still not an adequate solution and the group agreed to defer action on this proposal until T13 has had more time to consider the issue.

#### **4.5 SPC-4, SAT-2, Proposal to add the ATA device password security feature (06-070) [Stevens]**

Curtis Stevens presented 06-070r3, SPC-4, SAT-2, Proposal to add the ATA device password security feature. Curtis called the group's attention to Table 4, SPC commands allowed in the presence of various security modes. The group gave Curtis a number of suggestions and he agreed to prepare revision 4 for consideration at the next meeting.

### **5. New Business**

There was no new business brought before the group.

### **6. Review of SAT-2 working draft [Overby]**

Mark Overby led a review of the changes made in SAT-2 revision 1a. The group recommended some changes that Mark agreed to incorporate in the next revision of SAT-2. Mark agreed to change the numbering convention to decimals rather than commas as recently recommended by the ANSI and ISO/IEC publications departments.

Mark also recommended that T10 start new ISO/IEC project on SAT. He agreed to contact Gary Robinson regarding drafting a NWIP.

### **7. Review of Recommendations**

No new documents were recommended for inclusion into SAT-2.

### **8. Meeting Schedule**

SAT will not meet with T10 during the September 2007 meeting week. The next face-to-face SAT Working Group meeting is scheduled for:

Tuesday, November 6, 2007 in Las Vegas, NV from 9:00 a.m. until 1:00 p.m. during T10 week.

Monday, December 10, 2007 in Redmond, WA from 9:00 am until 5:00 p.m. during T13 week.

There will be a SAT teleconference call on Wednesday October 17, 2007 1:00 p.m. - 4:00 p.m. PDT hosted by Mark Overby.

Other teleconference calls will be announced on the T10 reflector as needed.

### **9. Adjournment**

The meeting was adjourned at 1:40 p.m. on Monday August 20, 2007.