

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

**Doc. No.:** T10/08-131r0

**Date:** March 11, 2008

**Reply to:** John Lohmeyer

To: T10 Membership  
From: John Lohmeyer and Mark Overby  
Subject: SAT Working Group Meeting -- March 10-11, 2008  
Raleigh, NC

## 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 (08-023) [Overby]
  - 4.2 SAT-2 On disk data format (07-242) [Elliott]
  - 4.3 SAT-2 Additional power management support (07-485) [Knight]
  - 4.4 SAT-2: NV Cache Translation (08-018) [Overby]
  - 4.5 SAT-2 WRITE BUFFER MODE 7 to DOWNLOAD MICROCODE Mode 3 (08-019) [Wolford]
  - 4.6 SAT-2 START STOP UNIT to STANDBY IMMEDIATE (08-020) [Wolford]
  - 4.7 SAT-2: ATAPI Translation (07-328) [Overby]
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 1:20 p.m. Monday, March 10, 2008. He thanked Fred Knight of NetApp 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. William Martin	P	Emulex
Mr. Ralph O. Weber	P	ENDL Texas
Mr. Mike Fitzpatrick	P	Fujitsu
Mr. Rob Elliott	P	Hewlett Packard Co.
Mr. Jeff Wolford	A	Hewlett Packard Co.
Mr. Dan Colegrove	P	Hitachi Global Storage Tech.
Mr. Dennis Moore	P	KnowledgeTek, Inc.
Mr. John Geldman	P	Lexar Media, Inc.
Mr. Brad Besmer	A	LSI Corp.
Mr. Dennis Kleppen	A	LSI Corp.
Mr. John Lohmeyer	P	LSI Corp.
Mr. George Penokie	A	LSI Corp.
Mr. Michael Forney	V	Microsoft Corp.
Mr. Frederick Knight	P	NetApp
Mr. Chris Fore	A	Network Appliance
Mr. Mark Overby	P	Nvidia Corp.
Mr. Martin Czekalski	V	Seagate Technology
Mr. Gerald Houlder	P	Seagate Technology
Mr. Mark Evans	P	Western Digital
Mr. Duncan Penman	V	Western Digital
Mr. Curtis Stevens	A	Western Digital

21 People Present

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

### 4. Old Business

#### 4.1 SAT-2: Work Items and Open Issues List (08-023) [Overby]

Mark Overby reviewed the latest work items and open issues list (08-023r2). He noted that all the yellow items (critical, but no owner) were no longer deemed critical. Mark said he would post revision 3 when he posts SAT-2 Rev 3.

The cut-off date for new proposals is this meeting. The target data for starting letter ballot is following the July 2008 meeting.

#### 4.2 SAT-2 On disk data format (07-242) [Elliott]

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

#### **4.3 SAT-2 Additional power management support (07-485) [Knight]**

Fred Knight presented 07-485r3, SAT-2 Additional power management support.

The group discussed the proposal and offered suggestions. Fred agreed to incorporate these suggestions and to post revision 4.

#### **4.4 SAT-2: NV Cache Translation (08-018) [Overby]**

Mark Overby reviewed 08-018r1, SAT-2: NV Cache Translation. The group requested that the proposal be broken into new commands and log pages. Mark agreed to prepare a new revision of this proposal, plus other new proposals for consideration at future SAT-2 and CAP meetings.

#### **4.5 SAT-2 WRITE BUFFER MODE 7 to DOWNLOAD MICROCODE Mode 3 (08-019) [Wolford]**

Jeff Wolford presented SAT-2 WRITE BUFFER MODE 7 to DOWNLOAD MICROCODE Mode 3, 08-019r1. The group offered suggested changes and Jeff agreed to prepare revision 2. Jeff Wolford moved and Bill Martin seconded that 08-019r2, r1 as revised, be recommended for inclusion into SAT-2. The motion passed by unanimous consent.

#### **4.6 SAT-2 START STOP UNIT to STANDBY IMMEDIATE (08-020) [Wolford]**

Jeff Wolford asked that this agenda item be removed from future agendas.

#### **4.7 SAT-2: ATAPI Translation (07-328) [Overby]**

Mark Overby reviewed 07-328r1, SAT-2: ATAPI Translation. The group requested changes and Mark agreed to prepare revision 2.

Mark Overby moved and Bill Martin seconded that 07-328r2, r1 as modified, be recommended for inclusion into SAT-2. The motion passed by unanimous consent.

### **5. New Business**

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

Mark Overby noted that he has recently posted SAT-2 revision 2a. The group reviewed rev 2a and offered a number of suggested changes. Mark agreed to incorporate the changes and he expects to post revision 3 soon.

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

The following documents were recommended for inclusion into SAT-2:

- 07-325r2 (SAT-2: Translation of zero-length security protocol commands) [Overby] {February}
- 07-328r2 (SAT-2: ATAPI Translation) [Overby] {March}
- 08-019r2 (SAT-2 WRITE BUFFER MODE 7 to DOWNLOAD MICROCODE Mode 3) [Wolford] {March}

#### **8. Meeting Schedule**

Face-to-face SAT-2 working group meetings are scheduled for:

- Friday, April 25, 2008 in Las Vegas, NV from 9:00 a.m. until 2:00 p.m. during T13 week.
- Tuesday, May 6, 2008 from 9:00 a.m. until 12:30 p.m. during T10 week in Santa Clara, CA.
- Monday, June 23, 2008 in the Denver, CO area from 11:00 a.m. until 6:00 p.m.

SAT-2 teleconference calls may be announced on the T10 reflector as needed.

**9. Adjournment**

The meeting was adjourned at 11:45 a.m. on Tuesday March 11, 2008.