

Accredited Standards Committee X3, Information Technology

To: Membership of X3T10
 From: Erich Oetting
 Subject: Minutes of SSC/SMC Working Group Meeting
 Bedford, NH. September 14, 1995

Agenda

1. Opening Remarks
2. Approval of Agenda
3. Attendance and Membership
4. SSC Topics
 - 4.1 - Density Support command. (X3T10/95-224r4)
 - 4.2 - Supported compression algorithms.
 - 4.3 - Log Sense parameters. (X3T10/95 - 304r0)
 - 4.4 - Prevent/Allow Media Removal.
 - 4.5 - Initiator controlled write protect. (X3T10/95-134r0)
 - 4.6 - Write once tape devices.
 - 4.7 - World wide ID on tape media.
5. SMC Topics.
 - 5.1 - Attached Medium Changer.
6. Other Topics
7. Meeting Schedule.
8. Adjournment.

Results of Meeting

1. Opening Remarks

Ted Lappin, the SSC Technical Editor, called the meeting to order at 9:05 a.m., Thursday, September 14, 1995. He thanked Charles Monia of DEC for arranging and hosting the meeting.

As is customary, the people attending introduced themselves and a copy of the attendance list was circulated.

The draft agenda was approved.

2. Attendance and Membership

Attendance at working group meetings does not count toward minimum attendance requirements for X3T10 membership. Working group meetings are open to any person or organization directly and materially affected by X3T10's scope of work.

The following people attended the meeting:

Name	S	Organization	Email Address
Mr. Erich Oetting	P	Storage Technology	erich_oetting@stortek.com
Mr. Bill Dallas	A	DEC	dallas@zk3.dec.com
Mr. Arlan Stone	A	Unisys	arlan.stone@mv.unisys.com
Mr. Paul Entzel	O	Conner	paul.entzel@conner.com
Mr. Edward Lappin	P	Exabyte Corp.	tedl@exabyte.com
Mr. Ralph Weber	A	ENDL Associates	roweber@acm.org
Mr. Roger Cummings	A	Storage Technology	roger_cummings@stortek.com

7 People Present

Status Key: P - Principal
 A - Alternate
 O - Observer
 L - Liaison
 V - Visitor

3. SSC Topics

3.1 - Density Support command (X3T10/95-224r4)

Ted went over his Report Density Support command proposal. If this is approved by the Plenary Ted will integrate it into SSC and move the current density code table to an informative annex.

A discussion on how to handle the default density code of 00h was held. Ted will add a note saying when the drive default density code depends on the media installed, multiple codes may return the Deflt bit set when the media bit is zero. Only one density code should have the Deflt bit set when the media bit is one.

3.2 - Data Compression Page.

Bill Dallas pointed out that there is no current way to determine what compression algorithms are available. The possibility of adding this information to the Density Support command by using Page Codes was discussed. A further possibility is to create a more general command that could be used in any command set.

3.3 - Log Sense parameters. (X3T10/95 - 304r0)

The proposal from Arlan Stone to add a Log Sense parameters for cleaning and compression ratio information to SSC was discussed. The working group recommended this document be approved by the plenary after making some minor wording changes.

3.4 - Prevent/Allow Media removal command.

Ted pointed out that the Prevent/Allow Media Removal command should be in the SPC document as it can be used by tape, disk and CD rom devices. The working group recommended that it be moved to SPC.

Should an Unload command should be allowed when the prevent condition exists? The current Prevent/Allow Media Removal command wording is unclear on this point.

3.5 - Initiator controlled write protect. (X3T10/95-134r0)

Arlan proposed that the Software Write Protect bit be moved from the read-write error recovery mode page to the device configuration mode page. Ted suggested bit 2 of byte 10 for this use. The working group recommended that this be approved by the Plenary.

3.6 - Write once tape devices.

A short discussion on how to handle a tape device that only allows writing at end of data was held.

3.7 - World wide ID on tape media.

How to report a media serial number or world wide ID was discussed, but no decision was reached.

4. SMC Topics.

4.1 - Attached Medium Changer.

SMC revision 4 does not have the correct command codes for the Attached Medium Changer model approved in document X3T10/95-103R2. Read Element Status should be B4h and Move Medium should be A7h. This will be corrected in the next revision.

5. Other Topics

No other topics were discussed.

6. Meeting Schedule

The next meeting of the SSC/SMC Working Group will be in Palm Springs hosted by Western Digital. Actual meeting time will be determined by the X3T10 Plenary.

7. Adjournment

The meeting was adjourned at 11:37 a.m. on Thursday September 14, 1995.