Draft Minutes
T10 SSC-2 Working Group Meeting
November 5, 2001 – Monterey, California
10:00 AM – 5:01 PM

A joint ad hoc meeting of the SSC-2 working group of NCITS Technical Committee T10 was held at Monterey, California on November 5, 2001, in conjunction with the plenary meeting of the ANSI/NCITS T10 Technical Committee. Attendance at this meeting is tabulated at the end of this document.

1.   Opening remarks and introductions: Dave Peterson

    Facilitator Dave Peterson opened the meeting at 10:00. He thanked our host company, Adaptec, for the facilities. He led a round of introductions.

2.   Approval of this agenda: T10/01-306r1   Dave Peterson

    Accepted with no changes.

3.   Approval of minutes: Dave Peterson

    3.1   Previous working group ad hoc meeting (9/10/2001)   T10/01-273r0
    Accepted with no changes.

    3.2   Teleconference (11/02/2001)   T10/01-326r0
    Accepted with no changes.

4.   Review of Old Action Items: T10/01-306r1   Paul Suhler

    4.1   Dave Peterson: Devise alternative wording for "fixed block mode" in clause 7.4. Closed.

    4.2   Dave Peterson: Re-word the description of the SELECT DATA COMPRESSION ALGORITHM field in the Device Configuration mode page to have it ignored if the Data Compression page is sent in the same MODE SELECT command. Closed.

    4.3   Erich Oetting: In the CAP working group, discuss handling of queued commands if the device server does not support queuing. Decide what behavior is correct. Closed.

    4.4   Dave Peterson: Add wording to the LOAD UNLOAD command description to reject commands with LOAD = 0 and EOT = 1 if the device does not support unloading at EOT. Closed.

    4.5   Dave Peterson: Implement changes to WRITE(16) and WRITE FILEMARKS(16) to include FIRST COMMAND IN SEQUENCE and LAST

COMMAND IN SEQUENCE bits. Revise state transition diagrams accordingly. Add overview figure of state transition diagram. Closed.

4.6   Paul Entzel: Submit proposal to not require IMMED = 1 in clause 4.2.10, Progress Indication. Closed. (T10/01-316r0)

4.7   Dave Peterson: Incorporate changes to clauses 5.7 and 6.9 to require a check condition and to specify the ASC/ASCQ if the IMMED bit is set when the device is not in unbuffered mode. Closed.

4.8   All: Review SSC-2 rev. 5. Closed.

4.9   Dave Peterson: Organize phone conference prior to next T10 plenary week. Closed.

4.10 Dave Peterson: Implement state diagram changes from teleconference. Closed.

5.   Discussion items: Dave Peterson

5.1   Changes to progress indication   01-316r0   Paul Entzel

The proposal raises issues that affect SAM. Paul will take the proposal to the CAP working group.

5.2   Review of SSC-2 Rev. 06a (distributed at the meeting).

Rev. 6a includes changes from the November 2, 2001 teleconference.

Explicit Read Capable state is unnecessary and will be deleted.

Rob Elliot's proposal was accepted for reporting the residual on a failed locate command.

Reaffirmed that READ(16) with transfer length of zero shall not change the logical position.

RECOVER BUFFERED DATA(16) command is unnecessary and will be deleted.

The consensus is that we should go to letter ballot with revision 6a as modified by today's discussion.

6.   Unscheduled New Business: Dave Peterson

None

7.   Next meeting requirements: Dave Peterson

No time will be requested at the T11 plenary in December 2001.

Four hours starting after lunch will be requested in the T10 plenary in January 2002.

8.   Review of new action items: Paul Suhler

8.1   Paul Entzel: Take status reporting proposal to CAP working group.

8.2   Dave Peterson: Incorporate all changes that were decided in this meeting.

8.3   Dave Peterson: Complete SSC-2 rev. 7 and request Plenary session to initiate a letter ballot.

9.   Adjournment: Group

The meeting was adjourned at 5:01 PM.

T10 SSC-2 Working Group Meeting Attendance – November 5, 2001

Company Represented	Last Name	First Name	Email
Cisco Systems	Peterson	David	dap@cisco.com
Crossroads Systems	Griswold	Robert	rgriswold@crossroadscom
General Dynamics	Hastad	Nathan	nathan.j.hastad@gd-is.com
IBM	Butt	Kevin	kdbutt@us.ibm.com
Quantum	Entzel	Paul	paul.entzel@quantum.com
Seagate	Suhler	Paul	paul_a_suhler@seagate.com
Storage Technology	Oetting	Erich	erich_oetting@stortek.com
Sun Microsystems	Moe	Kenneth	kenneth.moe@sun.com