

SCSI Stream Commands - 3: Working Group Minutes – Draft (T10/04-232r0)

Date: July 14, 2004

Time: 9-1 pm

Location: Colorado Springs, CO

Agenda

- 1. Opening remarks and introductions [Peterson]**
- 2. Approval of agenda (04-201r0) [Peterson]**
- 3. Approval of meeting minutes (04-153r1) [Peterson]**
- 4. Review of old action items [Butt]**
- 5. Discussion items**
 - 5.1 Cleaning behavior [Butt]**
 - 5.2 WORM support for streaming devices (04-211r1) [Banther/Entzel]**
- 6. Unscheduled business**
- 7. Next meeting requirements**
- 8. Review of new action items [Butt]**
- 9. Adjournment**

Attendance

Name	S	Organization	Electronic Mail Address
Mr. David Peterson	P	CNT	david_peterson at cnt dot com
Mr. Kevin Butt	V	IBM Corp.	kdbutt at us dot ibm dot com
Mr. Paul Entzel	P	Quantum Corp.	paul dot entzel at quantum dot com
Dr. Paul Suhler	V	Seagate Technology	Paul dot A dot Suhler at certance dot com
Mr. Erich Oetting	P	Storage Technology Corp.	erich_oetting at stortek dot com
Mr. Noud Snelder	V	BDT	Noud dot snelder at bdt dot de

6 People Present

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

Results of Meeting

1. Opening remarks and introductions [Peterson]

Dave Peterson welcomed everybody to the meeting and thanked LSI Logic for hosting. Introductions were made. Kevin Butt agreed to be the permanent secretary.

2. Approval of agenda (04-201r0) [Peterson]

The following items were added to the agenda:

1. SSC-3 items carried over from SSC-2 Working Group

Paul Suhler made a motion for acceptance of the modified agenda. Kevin Butt seconded the motion. In the absence of objections or abstentions, the group passed the motion unanimously.

3. Approval of meeting minutes (04-153r1) [Peterson]

The meeting minutes had been updated to include some corrections pointed out by Ralph Weber. The minutes were updated to 04-153r1.

Dave Peterson made a motion for acceptance of the minutes. Paul Suhler seconded the motion. In the absence of objections or abstentions, the group passed the motion unanimously.

4. Review of old action items [Butt]

1. Dave Peterson: Bring in a White Paper on the value added with Explicit Command Set. Carry over.
2. Roger Cummings: Bring in document to support differentiation of media supported and drive supported density code. Carry Over.
3. Paul Entzel: Revise proposal 04-104r0. Closed.

5. Discussion items

5.1 Cleaning behavior [Butt]

Kevin asked for direction from the working group on where to head to standardize cleaning behavior. Some suggestions - add ASC/ASCQ of CLEANING IN PROGRESS and CLEANING COMPLETE and CLEANING CARTRIDGE EXPIRED. Add use in model section. Sequences of automatic load or not and expired and what behavior and response is.

5.2 WORM support for streaming devices (04-211r1) [Banther/Entzel]

This proposal only relates to TapeAlerts related to WORM.

Paul Entzel moved this be recommended for inclusion into SSC-3. Kevin Butt seconded. Motion passed on a 5:0:1 vote.

5.3 SSC-3 add device type specific VPD page (04-178r1) [Entzel]

Much discussion on what WORM is and the need for a proposal. Kevin Butt agreed to bring in a proposal for definition of WORM. The request is to have a call for proposals on the definition of WORM. Kevin Butt has the action to send a note to the reflector.

Paul Entzel moved the 04-178r2 (04-178r1 as modified) be included into SSC-3. Paul Suhler seconded. Passed on a vote of 5:0:1.

5.4 SSC-3 add report to REPORT DENSITY command (04-104r1) [Entzel]

Paul Entzel moved that 04-104r2 (04-104r1 as modified) be recommended for inclusion into SSC-3.

Kevin Butt seconded. In the absence of objections it passed unanimously.

5.5 SSC-3 items carried over from SSC-2 Working Group

1. LB Comments accepted in principal for SSC-3: Quantum-83: This command should be broken up into sub-clauses, one for the command description, and one for each of the different forms of parametric data (short, long, and extended). This would make table 37 much more understandable since the description column could be replaced with a sub-clause reference. Also in table 37, the M and O should be spelled out (mandatory and optional). The vendor specific code should be listed as optional.

Discussed and accepted. Action Item to editor Dave Peterson to incorporate into SSC-3.

2. Accepted in principal for SSC-3: 03-010r1 Sequential-Access Device log page

Modifications were suggested. Kevin agreed to rev it and bring it back.

6. Unscheduled business

None.

7. Next meeting requirements

The consensus of the group was to request three to four hours during the next T10 week, Sept 13 - 17, at Nashua, NH. On either Tues or Wed.

8. Review of new action items [Butt]

1. Dave Peterson: Bring in a White Paper on the value added with Explicit Command Set.
2. Roger Cummings: Bring in document to support differentiation of media supported and drive supported density code.
3. Dave Peterson: Review SSC-2 letter ballot and list carried over from SSC-2 WG.
4. Dave Peterson: Incorporate 04-211r1 into SSC-3
5. Kevin Butt: Submit a proposal for a definition of WORM.
6. Kevin Butt: Post a message to the reflector soliciting definitions of WORM.

7. Paul Entzel: Post 04-178r2 (04-178r1 as modified).
8. Dave Peterson: Incorporate 04-178r2 into SSC-3.
9. Paul Entzel: Post 04-104r2 (04-104r1 as modified).
10. Dave Peterson: Incorporate 04-104r2.
11. Dave Peterson: Incorporate SSC-2 LB Quantum-83 into SSC-3.
12. Kevin Butt: Rev and post 03-010r1 Sequential-Access Device log page.

9. Adjournment

Dave Peterson made a motion to adjourn the meeting. Paul Suhler seconded the motion. The meeting was adjourned at 11:18.