

SCSI Stream Commands - 3: Working Group Minutes – Draft (T10/05-283r0)

Date: July 13, 2005

Time: 1:00-6:30 pm

Location: Oklahoma City, OK

Agenda

- 1. Opening remarks and introductions [Peterson]**
- 2. Approval of agenda (05-269r0) [Peterson]**
- 3. Approval of meeting minutes (05-183r0) [Peterson]**
- 4. Review of old action items [Butt]**
 - 4.1 Dave Peterson: Bring in a White Paper on the value added with Explicit Command Set.**
 - 4.2 Dave Peterson: Review initiator vs I_T nexus throughout document.**
 - 4.3 Michael Banther: Bring in proposal to improve handling of cleaning and firmware upgrade cartridges.**
 - 4.4 Michael Banther: Bring in proposal for Requested Recovery log page from ADC.**
 - 4.5 Michael Banther: Bring in proposal for Device Statistics log page from ADC**
 - 4.6 Paul Entzel: produce a proposal to have short erase lay down an EOD at the current position**
 - 4.7 Michael Banther: proposal against the “Cleaning Required” parameter of Sequential Access Device log page to make it consistent with TapeAlert and ADC eventually**
 - 4.8 Dave Peterson: Bring in a White Paper on the value added with Explicit Command Set.**
 - 4.9 Dave Peterson: Review initiator vs I_T nexus throughout document.**
 - 4.10 Michael Banther: Bring in proposal to improve handling of cleaning and firmware upgrade cartridges.**
 - 4.11 Michael Banther: Bring in proposal for Requested Recovery log page from ADC.**
 - 4.12 Michael Banther: Bring in proposal for Device Statistics log page from ADC**
 - 4.13 Paul Entzel: produce a proposal to have short erase lay down an EOD at the current position**
 - 4.14 Michael Banther: proposal against the “Cleaning Required” parameter of Sequential Access Device log page to make it consistent with TapeAlert and ADC eventually**
 - 4.15 Michael Banther to revise and post 05-140r0**
 - 4.16 Michael Banther to revise and post 05-154r0**
 - 4.17 Dave Peterson to post 05-159r0 as modified and incorporate into SSC-3**
 - 4.18 Dave Peterson to revise and post 05-068r1 and incorporate into SSC-3.**
 - 4.19 Kevin Butt Bring proposal following direction related to clean behavior.**

5. Old business**5.1 SSC-3: Model subclause for physical device (05-049r0) [Suhler]****6. New Business****6.1 SSC-3: Position After Self-Test (05-140r0) [Banther]****6.2 SSC-3: Log page support (05-159r0) [Peterson]****6.3 SSC-3: TapeAlert Enhancements (05-154r0) [Banther]****7. Next meeting requirements****8. Review of new action items****9. Adjournment****Attendance**

SSC-3 Working Group Attendance Report - July 2005

Name	S	Organization
Mr. Noud Snelder	V	BDT
Mr. Kevin Marks	P	Dell, Inc.
Mr. Kevin Butt	A	IBM Corp.
Mr. Joe Breher	V	Lingua Data
Mr. Paul Entzel	P	Quantum Corp.
Ms. Deborah Laurion	V	Quantum Corp.
Dr. Paul Suhler	A	Quantum Corp.
Mr. Greg Wheelless	A	Symantec

8 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]**

Thanked LSI Logic for hosting

2. Approval of agenda (05-269r0) [Peterson]

Dave Peterson moved to approve agenda and Michael Banther seconded. Passed unanimously.

3. Approval of meeting minutes (05-183r0) [Peterson]

Dave Peterson moved to approve and Paul Suhler seconded. Passed unanimously.

4. Review of old action items [Butt]**4.1 Dave Peterson: Bring in a White Paper on the value added with Explicit Command Set.**

Carry-over

4.2 Dave Peterson: Review initiator vs I_T nexus throughout document.

Carry-over

4.3 Michael Banther: Bring in proposal to improve handling of cleaning and firmware upgrade cartridges.

Carryover

4.4 Michael Banther: Bring in proposal for Requested Recovery log page from ADC.

Carryover

4.5 Michael Banther: Bring in proposal for Device Statistics log page from ADC

Carryover

4.6 Paul Entzel: produce a proposal to have short erase lay down an EOD at the current position

Carryover

4.7 Michael Banther: proposal against the "Cleaning Required" parameter of Sequential Access Device log page to make it consistent with TapeAlert and ADC eventually

Carryover

4.8 Michael Banther to revise and post 05-140r0

Carryover

4.9 Michael Banther to revise and post 05-154r0

Done

4.10 Dave Peterson to post 05-159r0 as modified and incorporate into SSC-3

Done, in next release of SSC-3

4.11 Dave Peterson to revise and post 05-068r1 and incorporate into SSC-3.

Done, in next release of SSC-3

4.12 Kevin Butt to Bring proposal following direction related to clean behavior.

Carryover

5. Old business**5.1 SSC-3: Model subclause for physical device (05-049r0) [Suhler]**

5.2 Differentiation of Media supported and drive supported density codes (04-144r0) [Wheless]

5.3 Development of SMC-3 standard (05-175r2) [Banthar]

Dave's email needs to change to David.Peterson@mcddata.com

6. New Business

6.1 ADC-2: 05-155r2 [Suhler for Wideman]

Discussed with intent to propose in Sept. No objections were noted.

6.2 SSC-3: TapeAlert Enhancements (05-154r1) [Banther]

Paul Entzel: Thresholding won't work because as soon as first flag is set all other flags will cease. SPC-3 7.2.1 last paragraph.

Let's try to add events that will activate a flag in the table. Also try to expand the mandatory flags.

Kevin Butt brought George Penokie into the discussion when resetting behaviors were being discussed. This lead to concerns about SPC-3 description of counters reaching maximum value. This should be brought up in CAP tomorrow.

Discussion included how there is becoming three methods of retrieving log pages.

Michael Banther to revise 05-154r1 and post.

6.3 SSC-3: Diagnostic Data Log Page for Sequential Access Tape Devices (05-213r0) [Marks]

Michael Banther requested Kevin to use this to enhance the ADC device statistics log page and bring it into SSC. Kevin agreed to consider.

Michael suggested to look at media type in 05-153. This lead to a discussion which ended in referencing the Medium Type of the mode header.

Cleaning bits to be persistent accross I_T Nexus loss and POR's. Clean Requested and Clean Required.

Non-persistent is expired cleaning. Probably TapeAlert. Kevin Butt to add these cleaning bits to his proposal.

6.4 SPC-4: New ASC/ASCQ for Media thread Failure (05-262r0) [Marks]

Kevin Marks to modify 05-262r0 and post.

7. Next meeting requirements

Same as this time 4 hours.

8. Review of new action items

8.1 Michael Banther to revise 05-175r2 and post.

8.2 Michael Banther to revise 05-154r1 and post.

8.3 Kevin Marks to modify 05-262r0 and post.

8.4 Kevin Butt to add cleaning bits from 05-213 to his proposal and find log page for them.

8.5 Kevin Marks to modify 05-213r0 and post.

9. Adjournment

Kevin Butt made a motion to adjourn at 17:07 seconded by Dave Peterson.

