

SCSI Stream Commands - 3: Working Group Minutes – Draft (T10/05-111r0)

Date: 3/9/05

Time: 9-1 pm

Location: Dan Point, CA

Agenda

1. Opening remarks and introductions [Peterson]

2. Approval of agenda (05-105r0) [Peterson]

3. Approval of meeting minutes (05-048r0) [Peterson]

4. Review of old 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 initiator vs I_T nexus throughout document.
4. Michael Banther: Bring in proposal to improve handling of cleaning and firmware upgrade cartridges.
5. Dave Peterson: Remove references to interblock gaps and erase gaps.
6. Michael Banther: Bring in proposal for State-based TapeAlert.
7. Michael Banther: Bring in proposal for Requested Recovery log page from ADC.
8. Michael Banther: Bring in proposal for Device Statistics log page from ADC
9. Dave Peterson: Definition for Erase short.
10. Dave Peterson: Incorporate 05-014r0 into SSC-3.
11. Paul Suhler to write a proposal against the model section of SSC for a physical device
12. Paul Entzel to rev and post 04-373r1 as modified
13. Dave Peterson to incorporate 04-373r2 into SSC-3
14. Dave Petereson to incorporate 04-335r2 into SSC-3
15. Dave Peterson to incorporate 05-035r0 into SSC-3.

5. Old business

5.1 SSC-3: Sequential-Access Device log page (05-002r0) [Butt]

6. New Business

6.1 SSC-3: Obsolete GAP SIZE field (05-066r0) [Peterson]

6.2 SSC-3: Obsolete RSMK and setmarks (05-067r0) [Peterson]

6.3 SSC-3: Mode page support (05-068r0) [Peterson]

6.4 SSC-3: Model subclause for physical device (05-049r0) [Suhler]

7. Next meeting requirements

8. Review of new action items

9. Adjournment

Attendance

SSC-3 Working Group Attendance Report - March 2005

Name	S	Organization
Mr. Noud Snelder	V BDT	
Mr. David Peterson	P CNT	
Mr. Michael Banther	V Hewlett Packard Co.	
Mr. Kevin Butt	A IBM Corp.	
Mr. Paul Entzel	P Quantum Corp.	
Dr. Paul Suhler	A Quantum Corp.	
Mr. Roger Cummings	P Veritas Software	

7 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 QLogic for hosting

2. Approval of agenda (05-105r0) [Peterson]

Dave Peterson moved to approve agenda and Paul Entzel seconded. Passed unanimously.

3. Approval of meeting minutes (05-048r0) [Peterson]

Dave Peterson moved to approve and Paul 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.**

carryover - Veritas doesn't seem to have a big interest in distance.

4.2 Roger Cummings: Bring in document to support differentiation of media supported and drive supported density code.

carryover

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

carryover

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

carryover

4.5 Dave Peterson: Remove references to interblock gaps and erase gaps.

closed - ssc-3r1c

4.6 Michael Banther: Bring in proposal for State-based TapeAlert.

carryover - in progress

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

carryover

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

carryover

4.9 Dave Peterson: Definition for Erase short.

closed - Add to agenda to look at it.

4.10 Dave Peterson: Incorporate 05-014r0 into SSC-3.

closed

4.11 Paul Suhler to write a proposal against the model section of SSC for a physical device

closed 05-049

4.12 Paul Entzel to rev and post 04-373r1 as modified

closed

4.13 Dave Peterson to incorporate 04-373r2 into SSC-3

closed

4.14 Dave Petereson to incorporate 04-335r2 into SSC-3

closed

4.15 Dave Peterson to incorporate 05-037r0 into SSC-3.

closed - typo that had 05-035r0 s/b 05-037r0.

5. Old business

5.1 SSC-3: Sequential-Access Device log page (05-002r0) [Butt]

AI - Dave needs to add a M/O column to Table 51

Kevin Butt made a motion for incorporation of 05-002r3 as modified into SSC-3. Michael Banther seconded. Motion passed unanimously.

6. New Business

6.1 SSC-3: Obsolete GAP SIZE field (05-066r0) [Peterson]

Dave Peterson made a motion to accept. Paul Suhler seconded.[vote passes on 3:0:3]

Discussion: We have only removed the ability to set GAP SIZE not the concept of GAP SIZE. Michael is concerned about making sure that it was done correctly.

Dave says he wants comments on the motion not if he removed GAP SIZE correctly.

6.2 SSC-3: Obsolete RSMK and setmarks (05-067r0) [Peterson]

Dave Peterson made a motion to accept. Roger Cummings seconded. [passed 5:0:1]

6.3 SSC-3: Mode page support (05-068r0) [Peterson]

Worked on adding support column and deciding which pages s/b mandatory. Companies will need to review with back at plant.

Page - M/O

01h - O

02h - M

0Ah - M

0Ah/01h - O

0Fh - M

10h - M

11h - O

15h - O

16h - O

18h - M explicit command set/O otherwise

19h - M if supported by the protocol

1A - O

1Ch - M

1Dh - M

3Fh - see SPC-3

3Fh/FFh - see SPC-3

00h/FFh - see SPC-3

Dave needs to do due diligence on the dashes '-' in the column.

Dave needs to rev and post.

6.4 SSC-3: Model subclause for physical device (05-049r0) [Suhler]

Kevin suggested that an exercise in UML might clarify what this Physical Device is and should be. Dave will generate a model using UML to help clarify this.

Went over first pass of attributes. Paul to rev and post.

6.5 Definition for Erase short [Group]

Paul Entzel will produce a proposal to have short erase lay down an EOD the current position.

6.6 Cleaning Requested vs. Cleaning Required[Group]

Is it a useful concept to have a state that will not allow write because of clean. Michael will write a proposal against the "Cleaning Required" parameter of Sequential Access Device log page to make it consistent with TapeAlert and ADC

7. Next meeting requirements

Same as this time.

8. Review of new action items

8.1 add a M/O column to Table 51 [Peterson]

8.2 post 05-002r3 as modified [Butt]

8.3 incorporate 05-002r4 into SSC-3 [Peterson]

8.4 incorporate into SSC-3: Obsolete GAP SIZE field (05-066r0) [Peterson]

8.5 incorporate into SSC-3: Obsolete RSMK and setmarks (05-067r0) [Peterson]

8.6 rev and post 05-068r0 [Peterson]

8.7 generate a model using UML to help clarify 05-049r0 [Peterson]

8.8 produce a proposal to have short erase lay down an EOD at the current position [Entzel]

8.9 proposal against the "Cleaning Required" parameter of Sequential Access Device log page to make it consistent with TapeAlert and ADC eventually[Banther]

8.10 05-049r0 to be reved and posted [Suhler]

9. Adjournment

Dave Peterson made a motion to adjourn at 13:30 seconded by Roger Cummings.