

Draft Minutes
SSC-2 Working Group
Ad Hoc Meeting
April 29, 2002 – Nashua, NH
T10/02-137r0
1:05 PM – 6:40 PM

1. Introductions: Group
2. Approval of the agenda: T10/02-136r0 Dave Peterson
3. Approval of minutes:
 - 3.1 03/11/2002 working group minutes T10/02-076r0 Dave Peterson
Approved without changes.
4. Review of old action items: Paul Suhler
 - 4.1 Dave Peterson to integrate agreed changes into SSC-2 revision 8a and produce a new revision of the resolution document. *Closed.*
 - 4.2 Dave Peterson to discuss Compaq 98 with Rob Elliott. *Closed.*
 - 4.3 Working group will address error handling as it relates to the state diagrams. *Carryover.*
 - 4.4 Joe Breher to evaluate impact of RSMK=0 in the Device Configuration mode page. *Carryover. Reassign to Dave Peterson.*
 - 4.5 Dave Peterson to post e-mail to reflector requesting impact of RSMK=0. *Carryover.*
 - 4.6 Working group will clarify medium partition page. *Carryover.*
 - 4.7 Michael Banther to split proposal defining behavior when commands arrive out of order.
 - 4.8 Joe Breher will prepare a proposal and initiate a reflector discussion about recovery after encountering uncompressible data. *Closed. See discussion item 5.1.*
5. Discussion items:
 - 5.1 Handling uncompressible data. All
Since some technologies have no path for returning compressed data, we cannot require returning it. Shall return Check Condition. May return data with ILI and INFORMATION set. Application client should send READ POSITION.
Logical position after encountering uncompressible data must be vendor specific.
Table until next meeting.
 - 5.2 Explicit address write sequence ordering T10/02-128r1 Michael Banther
Existing draft does not say to use explicit LBAs to check for dropped commands.
Michael will revise 02-128.
Dave will bring in his SAM-2 letter ballot comment resolution proposal.
 - 5.3 Resolution of letter ballot comments T10/02-081r1 Dave Peterson

Selected comments:

- Quantum 34: Group agreed that the second sentence is not correct. Dave Peterson will produce new text.
- Quantum 38: Delete table 1, as it is far from comprehensive and all of the information is available elsewhere.
- Quantum 44: Dave Peterson will add text providing guidance on the use of explicit versus implicit command sets.
- Quantum 45: Can we place requirements on application client? These requirements cannot be tested. Dave Peterson will investigate how other standards handle this.
- Quantum 56: No change.
- Quantum 63: We need to decide what our products do for SEW = 0.
- Quantum 64: Device shall position to before incomplete logical block. Application client should issue READ POSITION to determine whether block is incomplete.

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|-----|---|--------------|-------------------|
| 5.4 | All registrants persistent reservations | T10/02-130r0 | Ralph Weber (DAP) |
| 5.5 | Clearing effects of I_T nexus loss | T10/02-134r0 | Rob Elliot (DAP) |
| 5.6 | Replacement of reservations
May be an informative annex. | | Dave Peterson |

6. Unscheduled business: Dave Peterson

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|-----|---|--------------|------------|
| 6.1 | Future items for inclusion
Need to add READ ATTRIBUTE and WRITE ATTRIBUTE commands. | T10/99-148r7 | Kevin Butt |
| 6.2 | State diagrams
Missing A0:A0 transition for BoX=FALSE and Implicit command enabled.
What if CDB validation fails – should device transition? No, but a statement is required.
Dave is working on text for all transitions. | | |

7. Next meeting requirements: Dave Peterson

4 – 5 hours.

8. Review new action items: Paul Suhler

- 8.1 Dave Peterson to evaluate impact of RSMK=0 in the Device Configuration mode page and to post e-mail to reflector requesting impact of RSMK=0.
- 8.2 Michael Banther to prepare a new revision of 02-128.
- 8.3 Everyone to determine their products' behavior for both settings of the SEW bit in the device configuration mode page.
- 8.4 Dave Peterson will investigate A0:A0 transition for BoX=FALSE and Implicit command enabled.
- 8.5 Working group will clarify medium partition page.
- 8.6 Dave Peterson to post the resolution of Note 48 to the T10 reflector.

9. Adjournment:

Group

Attendees:

Company Represented	Last Name	First Name	Email
ADIC	Wideman	Rod	rod.wideman@adic.com
Cisco Systems	Peterson	David	dap@cisco.com
HP	Banther	Michael	michael_banther@hp.com
IBM	Butt	Kevin	kdbutt@us.ibm.com
Quantum	Entzel	Paul	paul.entzel@quantum.com
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