T10/08-217r0: Minutes
SCSI Media Changer (SMC) Working Group
for 05 May 2008, 8:00 AM - 10:00 AM PDT

1.　　Introductions　　　　　　　　　　　　　　　　　　　　　　　Group

Curtis Ballard called the meeting to order at 8:15 AM PDT. He thanked nVidia for hosting the meeting. Kevin Butt is serving as the secretary of this meeting.

2.　　Approval of the Agenda　　　　　　　　　　　　　　　　　Curtis Ballard

Curtis Ballard presented the agenda. Paul Suhler made a motion to accept the agenda. Kevin Butt seconded the motion. The group passed the motion unanimously.

3.　　Attendance and Membership　　　　　　　　　　　　　Curtis Ballard

Curtis Ballard reviewed the T10 attendance rules with the group and directed prospective new members to John Lohmeyer. There was also discussion about the new membership and access rules that INCITS has passed. This will raise issues with the SMC-3 editor who does not belong to a member company. The attendance report appears below.

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SMC-3 Working Group Attendance Report - May 2008


            Name                      S          Organization
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Mr. Curtis Ballard                   A  Hewlett Packard Co.
Mr. Kevin Butt                       P  IBM Corp.
Mr. Robert Payne                     P  Iomega Corp.
Mr. Geoffrey Barton                  V  Overland Storage
Dr. Paul Suhler                      P  Quantum Corp.
Mr. Rod Wideman                      A  Quantum Corp.
Mr. Georg Boasson                    V  Tandberg Storage


7 People Present

Status Key:  P   -  Principal
             A   -  Alternate
             AV  -  Advisory Member
             E   -  Emeritus
             L   -  Liaison
             V   -  Visitor
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4.　　INCITS Patent Policy　　　　　　　　　　　　　　　　　Curtis Ballard

Curtis Ballard pointed to the T10 website (http://www.t10.org/patpol.htm).

Curtis Ballard discussed that T10 needs to aviod discussions that might raise anti-trust issues and that we are all required to make sure they don't happen.

5.　　Approval of Previous Minutes (08-142r0) (08-190r0)　　　　　　Group

Rod Wideman moved that the minutes (08-142r0) and (08-190r0) be approved. Curtis Ballard seconded the motion. The motion passed unanimously.

6.   Review of Action Items   Kevin Butt

06-020   [Robert Payne] Define a philosophy for Write Exclusive Persistent Reservations in SMC.

Robert requested that this action item be removed because Write Exclusive does not make sense for Media Changers.

06-044   [Roger Cummings] Solicit additional vendor-specific sense codes from library vendors per June discussion item 4.4.

Carry-Over

07-003   [Curtis Ballard] Create a proposal to define the usage of the "Cleaning Requested" and "Cleaning Failure" error codes.

Completed with 08-201

07-017   [Group] Make sure the all the functionality of Read Element Status is covered by the Report Element Information command (06-272) and the Report Volume Information command and examine if an informative annex to map the RES command onto these is appropriate. [Reminder to do as final step]

Carry-Over

07-042   [Paul Suhler] Write a proposal for the commands which the cached ready state in ADC may be used.

Carry-Over

05Nov07-03   Erich Oetting: Determine what actions set TapeAlert flag 19h (illegal operation) and when the flag is cleared. Also what actions does it generate? - Report to Curtis Ballard

Carry-Over

14Jan08-03   Noud snelder report to Geoff when their library sets NOT READY TO READY CHANGE, MEDIUM MAY HAVE CHANGED sense code

Carry-Over; if comments are not received before Geoff creates the proposal any differences to the proposal will need to be argued in the meeting.

14Jan08-05   Erich Oetting report to Geoff when their library sets NOT READY TO READY CHANGE, MEDIUM MAY HAVE CHANGED sense code

Carry-Over; if comments are not received before Geoff creates the proposal any differences to the proposal will need to be argued in the meeting.

14Jan08-07   Robert Payne report to Geoff when their library sets NOT READY TO READY CHANGE, MEDIUM MAY HAVE CHANGED sense code

Iomega does not report this by request of an ISV.

14Jan08-08   Noud Snelder to propose meaning of LOGICAL UNIT NOT READY, OFFLINE

Carry-Over

14Jan08-09   Curtis Ballard to propose meaning of RANDOM POSITIONING ERROR

Carry-Over

14Jan08-10   Rod Wideman to propose meaning of INCOMPATIBLE MEDIUM IN-
              STALLED

    Carry-Over

14Jan08-11   Kevin Butt to propose meaning of OPERATOR MEDIUM REMOVAL RE-
              QUEST

    Carry-Over

14Jan08-12   Rod Wideman to propose meaning of LOGICAL UNIT COMMUNICA-
              TION FAILURE

    Carry-Over

14Jan08-13   Noud Snelder to send email to SPC-4 editor to remove 'M' from sense code
              table as specified in 06-397r2.

    Complete

14Jan08-16   Noud Snelder to revise SMC-3 Error codes overview (06-397r2) and post.

    Complete - 08-205r0

10Mar08-01   Curtis Ballard to review use of the medium magazine error codes listed in 07-
              372 in their libraries and report to Kevin Butt.

    Complete

10Mar08-02   Rod Wideman to review use of the medium magazine error codes listed in
              07-372 in their libraries and report to Kevin Butt.

    Complete

10Mar08-03   Noud Snelder to review use of the medium magazine error codes listed in 07-
              372 in their libraries and report to Kevin Butt.

    Carry-Over

7.   Old Business   Group

7.1   Working List for ISV feedback (SMC/SSC/ADC/SPC) (07-131r0)   [Butt]

Defer

7.2   SMC-3 TapeAlert Enhancements (06-420r2)   [Banther]

Defer

7.3   SMC-3: Medium Magazine Error Codes (07-372r1)   [Butt]

Defer

7.4   SMC-3, Report Element Information (08-066r3)   [Ballard]

Curtis wants to make sure that this proposal and 08-215 contain all the constructs to

complete the mapping from Read Element Status before moving this.

A straw poll was taken:

Option 1: Replace location page with a single field in the element static information page (votes: 0)

Option 2: Remove location page from this proposal and bring it in as a follow on proposal (votes: 2)

Option 3: Keep working on it as part of this proposal (votes: 1)

Rod thinks this framework should get into SMC-3 sooner instead of getting too much in one proposal.

The rest of the time was spent on the Element Status descriptor.

7.5   SMC-3 Use of LOGICAL UNIT NOT READY, INITIALIZING COMMAND REQUIRED error code (08-038r1)   [Snelder]

Defer

7.6   SMC-3 New ASC/ASCQs List (08-039r0)   [Wideman]

7.7   SMC-3 New Tape Alert flags (08-047r1)   [Snelder]

Defer

7.8   SMC-3 Updated SPC-3 references to SPC-4   Curtis Ballard

8.   New Business   Curtis Ballard

8.1   SMC-3 Report Volume Information (08-215r0)   [Ballard]

The document incorrectly states it is 08-215r3 Draft. It should be r0.

Since this was posted this morning, Curtis just provided on overview of the proposal and requested conceptual guidance. Kevin asked if there needed to be CbCS permissions. Curtis will check into this.

8.2   SMC-3 Cleaning error codes (08-201r0)   [Ballard]

9.   Plans for SMC-3 call for final technical input   Curtis Ballard

People need to be thinking about when we should target wrapping up SMC-3. Project proposal suggested January 2006.

10.   Next Meeting Requirements   Curtis Ballard

Rod requested a conference call since he will not be present in July.

We will target one conference call to discuss 08-039r0 on May 28 8:00 AM PDT IBM to host.

11.   Review New and Outstanding Action Items   Kevin Butt

Kevin Butt reviewed the following new action items with the group:

05May08-01   Curtis Ballard to discuss with John Lohmeyer the issue of the SMC-3 editor not belonging to a member company.

12. Adjournment   Group

Rod Wideman made a motion for adjournment. Robert Payne seconded the motion. The group passed the motion unanimously. Curtis Ballard adjourned the group at 12:38 PM PDT.