1. **Introductions**

Curtis Ballard called the meeting to order at 9:55 ADT. He thanked Net Appliance for hosting the meeting. Kevin Butt is serving as the secretary of this meeting.

2. **Approval of the Agenda**

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 reviewed the T10 attendance rules with the group and directed prospective new members to John Lohmeyer. The attendance report appears below.

<table>
<thead>
<tr>
<th>Name</th>
<th>S</th>
<th>Organization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mr. Noud Snelder</td>
<td>V</td>
<td>BDT</td>
</tr>
<tr>
<td>Mr. Curtis Ballard</td>
<td>A</td>
<td>Hewlett Packard Co.</td>
</tr>
<tr>
<td>Mr. Kevin Butt</td>
<td>P</td>
<td>IBM Corp.</td>
</tr>
<tr>
<td>Mr. Paul Stone</td>
<td>A</td>
<td>Quantum Corp.</td>
</tr>
<tr>
<td>Dr. Paul Suhler</td>
<td>P</td>
<td>Quantum Corp.</td>
</tr>
<tr>
<td>Mr. Halvard Eriksen</td>
<td>AV</td>
<td>Tandberg Storage</td>
</tr>
</tbody>
</table>

6 People Present

Status Key: P - Principal
A - Alternate
AV - Advisory Member
E - Emeritus
L - Liaison
V - Visitor

4. **INCITS Patent Policy**

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

Curtis Ballard discussed that T10 needs to avoid 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**

Curtis Ballard asked for any problems with the minutes of the Jan meeting (08-045r2) and Feb 06 teleconference (08-099r0). Kevin Butt made a motion to approve the minutes. Paul Suhler seconded. Voting was unanimous.
6. **Review of Action Items**

Kevin Butt reviewed the outstanding action items, and the status of each item was reported as listed below:

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

Robert Payne was not present and some individuals thought he was not going to attend anymore. Curtis to discuss with Robert.

**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.

*Carry-Over*

**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]

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

*Carry-Over*

**07-058** [Kevin Butt] Revise SMC-3: Medium Magazine Error Codes (07-372r0) and post.

*Completed*

**05Nov07-02** Curtis Ballard: 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

*Completed*

**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*

**05Nov07-05** Halvard Eriksen: 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

*Completed. email sent to reflector.*

**14Jan08-01** Kevin Butt report to Geoff when their library sets NOT READY TO READY CHANGE, MEDIUM MAY HAVE CHANGED sense code

*Completed. Sent to reflector.*
14Jan08-02  Curtis Ballard report to Geoff when their library sets NOT READY TO READY CHANGE, MEDIUM MAY HAVE CHANGED sense code
Completed

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

14Jan08-04  Rod Wideman report to Geoff when their library sets NOT READY TO READY CHANGE, MEDIUM MAY HAVE CHANGED sense code
 Completed. email sent.

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

14Jan08-06  Georg Boasson report to Geoff when their library sets NOT READY TO READY CHANGE, MEDIUM MAY HAVE CHANGED sense code
 Completed

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

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 INSTALLED
 Carry-Over

14Jan08-11  Kevin Butt to propose meaning of OPERATOR MEDIUM REMOVAL REQUEST
 Carry-Over

14Jan08-12  Rod Wideman to propose meaning of LOGICAL UNIT COMMUNICATION 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.
 Carry-Over
14Jan08-14  Rod Widemand to revise SMC-3 New Additional Sense Codes Usage (07-018r1) and post.

Complete

14Jan08-15  Noud Snelder to incorporate SMC-3 New Additional Sense Codes Usage (07-018r2) into SMC-3.

Complete in SMC-3r11

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

Carry-Over

7. **Old Business**

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

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

7.3 SMC-3: Medium Magazine Error Codes (07-372r1)  [Butt]
Those vendors that use media magazines were requested to review their use of these error codes.
Query ISV’s on how they use these sense codes.
Edits were made. Kevin will bring the proposal back after receiving the feedback from other companies.

7.4 SMC-3, Report Element Information (08-066r0)  [Ballard]
Curtis presented updates and took comments.

7.5 SMC-3 Use of LOGICAL UNIT NOT READY, INITIALIZING COMMAND REQUIRED error code (08-038r0)  [Snelder]

7.6 SMC-3 New ASC/ASCQs List (08-039r0)  [Wideman]
Paul took feedback and will share with Rod.

7.7 SMC-3 New Tape Alert flags (08-047r0)  [Snelder]

8. **New Business**

8.1 SMC-3 Updated SPC-3 references to SPC-4  [Curtis Ballard]

9. **Next Meeting Requirements**

Curtis Ballard

Request same meeting time for May meeting Cycle.
One phone conference - preferably on one of these dates: Mar 26, Apr 9, or Apr 16.
10. **Review New and Outstanding Action Items**

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

- **06-020** [Robert Payne] Define a philosophy for Write Exclusive Persistent Reservations in SMC.
- **06-044** [Roger Cummings] Solicit additional vendor-specific sense codes from library vendors per June discussion item 4.4.
- **07-003** [Curtis Ballard] Create a proposal to define the usage of the “Cleaning Requested” and “Cleaning Failure” error codes.
- **07-017** [Group] Make sure 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]
- **07-042** [Paul Suhler] Write a proposal for the commands which the cached ready state in ADC may be used.

- **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
- **14Jan08-03** Noud Snelder report to Geoff when their library sets NOT READY TO READY CHANGE, MEDIUM MAY HAVE CHANGED sense code
- **14Jan08-05** Erich Oetting report to Geoff when their library sets NOT READY TO READY CHANGE, MEDIUM MAY HAVE CHANGED sense code
- **14Jan08-07** Robert Payne report to Geoff when their library sets NOT READY TO READY CHANGE, MEDIUM MAY HAVE CHANGED sense code
- **14Jan08-08** Noud Snelder to propose meaning of LOGICAL UNIT NOT READY, OFFLINE
- **14Jan08-09** Curtis Ballard to propose meaning of RANDOM POSITIONING ERROR
- **14Jan08-10** Rod Wideman to propose meaning of INCOMPATIBLE MEDIUM INSTALLED
- **14Jan08-11** Kevin Butt to propose meaning of OPERATOR MEDIUM REMOVAL REQUEST
- **14Jan08-12** Rod Wideman to propose meaning of LOGICAL UNIT COMMUNICATION FAILURE
- **14Jan08-13** Noud Snelder to send email to SPC-4 editor to remove ‘M’ from sense code table as specified in 06-397r2.
- **14Jan08-16** Noud Snelder to revise SMC-3 Error codes overview (06-397r2) and post.
- **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.
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.

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.

11. Adjournment

Kevin Butt made a motion for adjournment. Paul Suhler seconded the motion. The group passed the motion unanimously. Curtis Ballard adjourned the group at 2:02 PM EDT.