

T10/06-174r0: Minutes of
SCSI Media Changer (SMC-3) Working Group
Conference call of March 27, 2006
4:00 PM – 6:00 PM GMT

1. Introductions **Group**

Michael Banther called the meeting to order at 4:00 PM GMT. Greg Wheelless agreed to serve as the secretary for the conference call.

2. Approval of the Agenda **Michael Banther**

Michael Banther presented the agenda. Rod Wideman made a motion to accept the agenda as presented. Greg Wheelless seconded the motion. The group passed the motion unanimously.

3. Attendance and Membership **Michael Banther**

Michael Banther reviewed the T10 attendance rules with the group. The attendance report appears below.

SMC-3 Working Group Attendance:

Name	S	Organization
Mr. Rod Wideman	V	ADIC
Mr. Noud Snelder	V	BDT
Mr. Curtis Ballard	V	Hewlett Packard
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.
Ms. Marti Cassell-Fix	V	Quantum Corp.
Mr. Roger Cummings	P	Symantec
Mr. Greg Wheelless	A	Symantec
Mr. Halvard Eriksen	AV	Tandberg Data ASA

4. Discussion Items **Group**

4.1 Report Supported Medium Types (06-046r2). Curtis Ballard

Curtis Ballard presented his proposal, noting that he had attempted to merge his proposal with 05-243, but was not successful, and instead simplified his proposal to avoid overlap with 05-243. A command to request element-specific information has been moved to a new proposal. The current proposal provides a command to list all medium types that might be supported by the library, regardless of the media currently contained in a media changer.

Halvard Eriksen questioned the value of having Medium Type Description fields where every value was vendor specific. It was noted that, because vendors have existing values defined that are appropriate for these fields, and these values overlap between vendors, it would be additional work for implementers to attempt to maintain a list of coded values in the standard.

Michael Banther asked whether “medium type” or “volume type” was the appropriate term, given the definition of “volume” as the medium and its carrier, as differing volume types might contain the same recording media (e.g., one cartridge type with MAM, and one cartridge type without). The group discussed potential terms; the consensus was that “Volume Type Code” and “Volume Qualifier Code” would be more appropriate.

The group discussed the exact definition of “Volume Type Code” at length, but the mechanical fit of the volume into potential elements seemed to be the key concept. The group consensus was to define “Volume Type Code” in terms of “Form Factor” so that changes in the definition of “Form Factor” wouldn’t otherwise affect the proposal.

The group discussed the definition of “Volume Qualifier Code”, especially with regard to whether the presence or absence of MAM should require a different code. The group consensus was that a very generic definition would be adequate for now, as future proposals would clarify this definition.

It was noted that a range of reserved values would be useful for both fields in Table Y, and that splitting that table into two fields would be helpful.

It was noted that the op code (44h) was device specific and available in SMC, and that the command should be renamed to reflect the above discussion.

The usefulness of the “supported bit” in (the second) Table Y was discussed, and it was noted that dropping that bit would simplify things.

- 4.2 REQUEST DATA TRANSFER ELEMENT INQUIRY command (05-243r3). Rod Wideman
This item was deferred to the next meeting.

5. Unscheduled Business **Group**

There was no unscheduled business presented at this meeting.

6. Review New and Outstanding Action Items **Greg Wheelless**

Greg Wheelless reviewed the following items with the meeting:

06-038 [Curtis Ballard] Revise 06-046r2 and post.

7. Next Meeting Requirements **Michael Banther**

The group will hold a meeting on May 8, 2006 during the T10 plenary week in San Jose, CA, beginning immediately after ADI completes, and concluding at 7:00 PM.

8. Adjournment **Group**

Kevin Butt made a motion for adjournment. Rod Wideman seconded the motion. The group passed the motion unanimously. Michael Banther thanked those who made the effort to attend the call during particularly late or early local time, and adjourned the group at 6:00 PM GMT.