

Draft Minutes
SCSI Media Changer (SMC) Working Group
Ad Hoc Meeting
T10/04-386r0
8 November 2004
6:00 PM – 7:00 PM CST

1. Introductions: Group

Michael Banther called the meeting to order at 6:13 PM CST. He thanked Crossroads for hosting the meeting.

2. Approval of the agenda: Michael Banther

Michael Banther discussed the order of the discussion items. No one requested a change.

Paul Suhler made a motion for acceptance of the agenda. Kevin Butt seconded the motion. In the absence of objections or abstentions, the group passed the motion unanimously.

3. Attendance and Membership Michael Banther

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

SMC-3 Working Group Attendance Report - November 2004

<u>Name</u>	<u>S</u>	<u>Organization</u>
Mr. Rod Wideman	V	ADIC
Mr. Noud Snelder	V	BDT
Mr. Neil MacLean	V	Dell
Mr. Michael Banther	V	Hewlett Packard Co.
Mr. Rob Elliott	P	Hewlett Packard Co.
Mr. Kevin Butt	V	IBM Corp.
Mr. David Hawks	P	Iomega Corp.
Mr. Paul Entzel	P	Quantum Corp.
Mrs. Susan Gray	V	Quantum Corp.
Dr. Paul Suhler	V	Seagate Technology
Mr. Erich Oetting	P	Storage Technology Corp.

11 People Present

Status Key:

P	-	Principal
A,A#	-	Alternate
AV	-	Advisory Member
L	-	Liaison
V	-	Visitor

4. INCITS Patent Policy

Michael Banther

Michael Banther directed the group to a reading of the [T10 Short Summary](#) of the INCITS Patent Policy.

5. Discussion items:

a. Selection of Chair, Secretary, and Editor [Banther].

Michael Banther agreed to act as chair. Susan Gray agreed to act as secretary.

The position of editor remains unfilled. Michael Banther displayed the e-mail offer from Ralph Weber to edit the standard as a consultant (i.e., on a fee basis). Michael indicated that he will approach John Lohmeyer with a request to cancel the project unless one of three things happens before the conclusion of the January SMC-3 meeting:

- Someone volunteers to become SMC-3 editor;
- Someone indicates that they will become SMC-3 editor at some reasonable future point in time (e.g., within a few months); or
- Some company agrees to fund Ralph Weber to act as SMC-3 editor.

b. Goals of the working group ([04-279r0](#)) [Banther]

The group reviewed the five work items listed in the project proposal for SMC-3. We discussed whether the work provides a compelling case for securing resources from the participating companies. A significant sense that a compelling case does not exist became apparent. Michael Banther asked if additional compelling work items are known outside of those listed in the project proposal.

Erich Oetting and Rod Wideman described various vendor-specific element addressing mechanisms that currently exist. Rod asked if any ISV has expressed interest in the published list of SMC-3 work items. Michael Banther replied that none have and asked if any need exists to enhance the content of a SCSI Media Changer to support SMI-S. Rod responded that the SMI-S content largely overlaps that of SMC-x.

Erich Oetting pointed out that the model needs more information on how PAMR interacts with Import-Export elements. Rod Wideman agreed that this is an issue.

Susan Gray raised partitioning as an area of the model that could use some work.

Rod Wideman mentioned that no mechanism exists to group elements. Paul Suhler pointed out a specific case: that the addressing of removable magazines needs definition.

Paul Entzel reminded the group that SMC-2 had considered removing the attached media changer model.

Rod Wideman pointed out that virtualization has raised some functional-behavioural issues. Erich Oetting followed up with the possibility of specifying the ordering of tagged commands given the issue of shared hardware (e.g., the picker).

The group discussed whether we need to approach the SCSI Trade Association to seek engagement from the backup application independent software vendors.

Rod Wideman pointed out that two of the companies present supply backup applications. Some interest from these applications would advance the cause.

A consensus emerged that we need to engage the ISV's through their interest in ILM and use of multiple media types possibly through STA and possibly through SNIA.

6. Unscheduled business:

No one raised unscheduled business.

7. Next meeting requirements:

Michael Banther

Subject to approval by the T10 Plenary, the group will hold a meeting 17 January 2004 during T10 plenary week in Las Vegas, Nevada beginning at 2:30 PM and concluding at 4:30 PM.

8. Review new action items:

Michael Banther

- a. Michael Banther will approach ISV's present at the November T10 meetings for interest in SMC-3. He will seek to find out what SMC-x features they would like to see standardized.
- b. Michael Banther will have HP approach ISV's engaged with HP for interest in SMC-3. He will seek to find out what SMC-x features they would like to see standardized.
- c. Rod Wideman will approach ISV's engaged with ADIC for interest in SMC-3. He will seek to find out what SMC-x features they would like to see standardized.
- d. Susan Gray will approach ISV's engaged with Quantum for interest in SMC-3. She will seek to find out what SMC-x features they would like to see standardized.

9. Adjournment:

Group

Paul Suhler made a motion for adjournment. Susan Gray seconded the motion. The group passed the motion unanimously. Michael Banther adjourned the group at 7:20 PM CST.