

Meeting Minutes: MMC Working Group - Wednesday 6 November 2002

9:00 AM - 5:00 PM

T10 Meeting Week at:
Hilton Waterfront Beach Resort
21100 Pacific Coast Highway
Huntington Beach, CA 92648

Hosted by: QLogic, Skip Jones

Agenda:

1.0 Opening Remarks

Bill McFerrin opened the meeting at 9:00 AM. The following announcements were made:

1) This meeting has been authorized by INCITS T10 and will be conducted under the NCITS rules. Ad hoc meetings take no final actions, but prepare recommendations for approval by the INCITS task group. The voting rules for the meeting are those of the parent committee, INCITS T10. For the ad hoc, other than straw votes, the voting rules are: one vote per participating company.

2) The minutes of this meeting will be posted to the T10 Reflector and will be included in the next T10 committee mailing. Attendance at a working group meeting does not count toward minimum attendance requirements for T10 membership. Working group meetings are open to any person or company to attend and to express their opinion on the subjects being discussed.

3) MMC4R01e.pdf is on the T10 website.

2.0 Introductions

The Following were in attendance:

David Hanes	HP
Emily Hill	Microsoft
Terry Nelson	Panasonic
Bill McFerrin	Philips
Keiji Katata	Pioneer
Masaetsu Takahashi	Ricoh
Greg Fry	Roxio
Norichika Mine	Sony

3.0 Document Distribution

None

4.0 Call for Patents

None.

5.0 Approval of Agenda

Katata, Pioneer requested time to review an updated proposal for DRT-DM.

6.0 Old Business

None

7.0 New Business

7.1 Fuji report/DRT-DM

Updated proposal from Katata (to be posted on T10 website) describes the command set changes to implement a host directed defect management.

Most comments were with respect to the complexity of the proposal given the goal.
Other comments deal primarily with not desiring to specify support for a defect management mechanism that is not embedded within the device.

Katata will present to Mt Fuji group next week. MMC WG will review again in January.

7.2 Ultra Speed CD-RW media.

What to do:

1. Some Feature descriptor should list CD-RW sub-types supported. Also, require support for READ TOC - ATIP.

2. Cases:

a) Ultra Blank media on device that does not support write on ultra.

Which media related commands work?

TEST UNIT READY, READ DISC INFO, READ TOC - ATIP format

What error code for other commands?

SK=MEDIA ERROR, ASC=INCOMPATIBLE MEDIA, ASCQ=??

b) Ultra non-blank media on device that does not support write on ultra.

Present media as Read-only.

Above will be merged into MMC-4 Rev 1f. Membership is requested to review the above for potential changes in next version of MMC-4.

7.3 Profiles 0000h and FFFFh.

MMC-3 specifies that Profile 0000h is reserved.

MMC-3 specifies that Profile FFFFh should be current when no "standard" profile is current.

It is reported that many MM device makers are reporting Profile 0000h exactly as Profile FFFFh was intended - no media present. This is probably because the "current profile" number in the Profile List header is required to be zero when no profile is current.

It has been suggested that MMC-4 represent reality by defining Profile 0000h exactly as Profile FFFFh is defined.

Suggestions so far:

Profile FFFFh current means that some vendor unique profile is current.

Profile 0000h simply means that no media is present.

Membership is requested to research so we can decide correct action at January meeting.

7.3 Review the MMC-4 draft revision 1e.

BLANK command

Adjustments were made to descriptions in tables 57 and 58 in order to correct errors and improve readability.

CLOSE TRACK/SESSION command

Table 62: Bill McFerrin is to modify format to have a descriptive sentence associated with Close Function code, then describe specifically for each media case.

Question: Should response to TUR be GOOD status?

ERASE command

No comments.

Other

The Feature 27h change is too much (see 7.2). The same information must appear with a new feature number.

Members are requested to review the categorization of errors in 1f. If finer resolution of categories is seen, please be ready with a suggestion in January.

8.0 Review of Action Items - Plan for next revision of MMC-4 draft
Some of the questions above should be resolved with an e-mail discussion before the next meeting.

9.0 Future Meeting Schedule

Embassy Suites - Washington Square
9000 South West Washington Square Road
Tigard, Oregon 97223
503-644-4000

Hosted by: Intel, Cris Simpson

10.0 Adjournment

The meeting was adjourned at 5:30PM.

Regards,

Bill McFerrin, (CD Edge, Inc) for Philips Electronics, NA
720-320-0790