

MMC WG Meeting Minutes, 9-10 May 2006

During T10 Meeting Week at:
The Fairmont Hotel
170 South Market Street
San Jose, CA 95113

Hosted by Nvidia Corp.

1.0 Opening Remarks

The MMC meeting has been authorized by INCITS T10 and will be conducted under the INCITS 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. The minutes of the MMC 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.

2.0 Introductions

Attending this meeting were:

Mr. Kenji Tokumitsu	Hitachi-LG Data Storage
Mr. Kenji Yoshihara	JVC
Mr. Avraham Shimor	M-Systems
Mr. Michael Koo	Nero AG
Mr. Takaharu Ai	Panasonic AVC Networks Co.
Mr. William P. McFerrin	Philips Electronics
Mr. Keiji Katata	Pioneer Electronics Corp.
Mr. Masaetsu Takahashi	Ricoh Corporation
Mr. Norichika Mine	Sony NEC Optiarc
Mr. Tom McGoldrick	Toshiba
Mr. Hideki Takahashi	Toshiba
Mr. Takao Shirai	TSST
Mr. Curtis Stevens	Western Digital

3.0 Document Distribution

Bill McFerrin distributed several documents electronically:
MMC5R03.PDF – The proposed standard (on the t10 website)
The meeting agenda
The letter ballot results
The official letter ballot comments
The unofficial letter ballot comments
The MMC-6 Project Proposal (not distributed, on the t10 website)

3.0 Call for Patents

None.

5.0 Approval of Agenda

The agenda was accepted.

6.0 Old Business

6.1 ATA Report – McFerrin

All of the MMC WG requests to change certain ATAPI requirements in ATA-8 have been accepted and should be in the APT and ACS drafts soon.

6.2 Mt Fuji Report – Katata

Mt Fuji met during T10 week on Monday. The discussion included HD DVD-R DL proposals and DVD-RW DL proposals. Minutes will be posted to Fuji website and will be announced on the Mt Fuji reflector.

6.3 BDA Report – Katata

BDA group has completed the command set discussion and all command adjustments are included in MMC5. BDA had one comment on MMC-5 – unofficial.

BDA has started the licensing process.

6.4 MMC5

6.4.1 Review letter ballot comments and propose responses.

The “no” vote comments were reviewed and actions for the editor were specified.

6.4.2 Additional, unofficial comments

Two comments were considered closely:

1. The comment from H. Gabryjelski (Microsoft) requested a requirements change to the SEND OPC command. He wishes to require the Drive to NOT perform OPC when OPC values are already known. A recommendation is already suggested by the wording of the command description. The WG decided that the suggestion should be made clearer, but a requirements change is not warranted. Mr. Gabryjelski said that the change is acceptable.
2. The comment from K. Katata (Pioneer) of the BDA is with respect to the model section treatment of TDMA usage. The description suggests that TDMS update rates are vendor specific. He wishes to add a note that when the update rate is too high, the disc can become unrecordable and an example of how it can best be avoided. The WG accepted the proposal and decided on wording.

H. Mine (Sony-NEC-Optiarc) had several editorial comments. Most were accepted.

7.0 New Business

The updated (rev 1) MMC-6 Project Proposal was reviewed. There were no comments.

8.0 Review of Action Items

Bill McFerrin will attend the CAP meeting on Wednesday to request a change to SPC-4 (remove the PREVENT ALLOW MEDIUM REMOVAL command) that should resolve 3 of the 4 “no” vote comments. T. Nelson had “no” vote comments that the WG addressed. Bill McFerrin will contact Mr. Nelson for his opinion and his disposition on changing his vote.

Bill McFerrin will post the MMC WG responses to comments. “no” vote comments will be shown first.

Bill McFerrin will produce a rev 3a of the MMC-5 draft that contains changes according to comment responses.

9.0 Future Meeting Schedule

T10 week: July 10-14, 2006

Antlers Hilton Hotel

4 South Cascade Avenue

Colorado Springs, Colorado 80903

Phone: (719) 955-5600 Fax: (719) 389-0259

Please use this URL to make reservations:

http://www.hilton.com/en/hi/groups/private_groups/coscshf_lsi709/index.jhtml

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The MMC WG will request 1 day for a meeting room: Wednesday only.

10.0 Adjournment

The meeting was formally adjourned on Tuesday. The editor had an informal meeting on Wednesday morning to discuss details of some MMC-5 comment decisions.