

MMC WG Meeting Agenda, Tuesday 15 July 2008

1. 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. Introductions

3. Document Distribution

MMC6R02.PDF

4. Call for Patents

5. Approval of Agenda

Added BDA proposal brought by Pioneer

Added question brought by Microsoft

6. Old Business

6.1 INQUIRY response data format in MMC-4 and MMC-5 are set to 0011b. All versions of SPC declare that 0011b is reserved. MtFuji7 is consistent with SPC. The editor of SPC-4 will accept a change to SPC-4 that permits 0011b in MMC-6. However, SPC-4 may not be a standard until after MMC-6 is completed.

Action Item for the MMC WG membership:

Decide: Do we return to 0010b as in MMC, MMC-2, and MMC-3 or do we make MMC-6 the same as MMC-4 and MMC-5?

6.2 TCG Optical Security Subsystem Class

Status: The specification was accepted by the TCG Storage Working Group in April. It was accepted – with changes for interchange – in June.

It is now under review by the TCG Board of Directors for approval to be made public. The BOD should have a decision before the September MMC WG meeting.

7. New Business

7.1 Proposals and Questions

BDA proposal from Katata-san

BD_cmds_r110_july_a.pdf was distributed with command and behavior changes from the BDA. Katata-san described each change. These will be put into MMC-6.

GESN clarification requested by Dave Walp

Should manual load report Device Busy events same as START STOP UNIT with Immed=1? Some drives have been found that do this, but MMC-5 only requires the behavior from command execution.

Proposal: Define the behavior as optional in MMC-6.

There were no immediate objections from WG members, but most wish to study the proposal before accepting it. To be revisited at next MMC WG meeting.

Question to Microsoft: Suppose the behavior is present. Is there value in knowing that the capability exists? i.e. a bit in the Removable Media Feature Descriptor?

7.2 Applicability of HD DVD media types

MtFuji7 contains information about HD DVD-ROM, HD DVD-RAM, HD DVD-R SL and DL, HD DVD-RW SL and DL. It is possible that some of these disc types may never be made. Consequently, drives that could handle those disc types would not be made. We need to decide if any of this is true. If any is true, then which disc types are affected? Finally, should any be excluded from MMC-6?

Action item for chair: Contact Toshiba representatives about this question. Report at next MMC WG meeting.

7.3 Begin review of MMC-6 Rev 2

Clause 1 is small and not changed. We shall read it and check for potential changes. Reviewed and found OK.

Clause 2 has a new reference listed. We should check for completeness.

Action item for Dave Walp: Is it OK to leave MRW in MMC-6? Should it be labeled Legacy?

Add notes from PDF

Clause 3 has a few new abbreviations. We should check for completeness.

Clause 4 still requires work. Skip clause 4 this meeting.

Clause 5 – Features and Profiles

Clause 6 – commands

Clause 7 – Mode pages

Annexes – still requires work. Skip annexes this meeting.

8. Future Meeting Schedule

The next T10 meeting week is 9 (or 10) September 2008 at:

Antlers Hilton Hotel
4 South Cascade Avenue
Colorado Springs, Colorado 80903

See T10.ORG for reservation details.

9. Action Items

Action Item for the MMC WG membership:

Decide: Do we return to 0010b as in MMC, MMC-2, and MMC-3 or do we make MMC-6 the same as MMC-4 and MMC-5?

Bill McFerrin – Report on TCG status via reflector.

MMC WG members should decide on optional Device Busy behavior proposed in 7.1.

Microsoft action: Suppose the behavior is present. Is there value in knowing that the capability exists? i.e. a bit in the Removable Media Feature Descriptor?

Action item for chair: Contact Toshiba representatives about this question. Report at next MMC WG meeting.

Action for any Mount Rainier Member: Should MRW be made legacy?

MS was able to respond prior to meeting end: Yes.

MMC WG members: Please review MMC6R02.PDF. Pay close attention to change list near front of document.

10. Adjournment

Meeting adjourned