T10/07-504r0: MMC WG Meeting Minutes, Wednesday, 7 November 2007

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
The following people were present at this meeting:

Mr. Dave Blankenbeckler   DataPlay
Mr. William McFerrin   DataPlay
Mr. Eijiro Tazawa   Hitachi-LG Data Storage
Mr. David Burg   Microsoft Corp.
Mr. Reiner Kopf   Nero AG
Mr. Keiji Katata   Pioneer Electronics Corp.
Mr. Norichika Mine   Sony NEC Optiarc
Mr. Akio Yamazaki   Sony NEC Optiarc
Mr. Shunsuke Kimura   Toshiba
Mr. Takao Shirai   TSST
Mr. Curtis Stevens   Western Digital

3. Document Distribution
Bill McFerrin distributed the agenda, MMC-6 draft 1, and the OSSC disc
format and command set proposal.

4. Call for Patents
No response.

5. Approval of Agenda
Curtis Stevens requested time to discuss a T13 issue.

6. Old Business
6.1 Review the OSSC Disc Format.
Bill McFerrin presented the proposal for an Embedded Disc format for the
OSSC application. The intent of embedding a virtual volume in a physical
disc is two-fold:
1. It provides a common way to present the OSSC volume on all applicable
physical formats.
2. It permits a simplified method of track number, session number, and LBA
translation.
The basic design separates the disc into two volumes, each with its own
LBA space. The first volume has an LBA space that is coincident with the

LBA space of the physical disc format. The second volume is logically mounted independently of the physical disc and the first volume.

Katata-san objected to the usage. He believes that the proposed format violates the physical format specifications of several disc types.

Katata-san also had difficulty understanding actual management of this format and wants detailed descriptions of how a drive is to manage the format.

Actions:

A Study needs to be done to determine if this format is or is not compliant with the various physical format specifications.

Bill McFerrin shall add more detail with respect to the drive implementation.

7. New Business

7.1 Review additions, changes and corrections in MMC-6 Draft rev 1.

Bill McFerrin reviewed the change list and then reviewed each change. Comments were logged into a PDF of the draft. Clauses 1 through 5 have been updated.

LRA and NWA need to be added to the abbreviations list.

Table 50: references to byte 21 should be to byte 20.

AACS has recent changes since MMC-5 and those changes are not in clause 4.

There were additional incorrect spellings and copy/paste errors. These will be noted in the change list for the next revision.

7.2 T13 Proposal: Separate ATAPI from ACS and document independently in T10

Curtis Stevens brought a proposal from T13 to remove ATAPI from the ATA document set and consolidate into a single, separate document. MMC may choose to include this document as an Annex or may choose to develop the document as a separate T10 standard.

The MMC WG agreed to accept the separate document and decide how to proceed at a later time.

8. Future Meeting Schedule

The next T10 meeting week is January 14 - 18, 2008 at the Santa Ana Embassy Suites, sponsored by Western Digital. See t10.org for meeting and hotel details.

The MMC WG will meet Wednesday, 16 January.

9. Adjournment

The MMC WG meeting was adjourned at 3PM.