1.0 Opening Remarks

This 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 NCITS 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 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.

2.0 Introductions

The following were some of those present at this meeting:

busTrace Technologies  Mike Berhan
Hewlett-Packard  David Hanes
HLDS  Kenji Tokumitsu
Hitachi  Kenji Akahoshi
IOMEGA  David Hawkes
JVC  Kenji Yoshihara
NEC  Akio Yamazaki
Microsoft  Emily Hill
Panasonic  Takaharu Ai
    Terry Nelson
Philips  Bill McFerrin
Pioneer  Keiji Katata
    Takeshi Kohda
    Toshiro Tanikawa
Ricoh  Masaetsu Takahashi
Sonic Solutions  Jason Ng
    Ben Morellie
Sony  Norichika Mine
    Yoshiyuki Tokumoto
Toshiba  Hadeki Takahashi
    Atsushi Ishihara
ULEAD  Jim L. Lin

The attendance list will be updated in a new rev when the official attendance lists are available.

3.0 Document Distribution

Bill McFerrin distributed:

Rev 1.00A of the VCPS (Video Content Protection System) for DVD+R/+RW. This contains changes and additions that were discussed during the November 2004 meeting.

Rev 0.81 of the BD-RE commands. This contains changes and additions that were discussed during the November 2004 meeting.

Rev 0.25 of BD-R commands that contains a completely revised model section.

Draft Rev 1a of MMC5.
4.0 Call for Patents
   We called, none answered.

5.0 Approval of Agenda
   Curtis Stevens requested time to discuss a SAT issue that may affect MMC.

6.0 Old Business - Review of Action Items
   A. The authorization flow chart that was added to the DVD+R/+RW VCPS document was reviewed. Accepted.
   B. Changes to the BD-RE Commands draft were reviewed. Accepted.

7.0 New Business
   A. Proposals on Dual Layer DVD-R
      None this meeting. A presentation is planned for the March MMC WG meeting.
   B. Proposals on Double Layer DVD+RW
      None this meeting. A presentation is planned for the March MMC meeting.
   C. Proposals on HD DVD
      None this meeting. A presentation is planned for the March MMC WG meeting.
   D. Proposals on AACS
      None this meeting. A presentation is planned for the March MMC WG meeting.
   E. SAT considerations for ATAPI - Curtis Stevens
      A 12-byte command (Op code A1h) has been defined by SAT as a way to send ATA commands via SCSI to an ATA/ATAPI device. This typically occurs over a bridge.

      A 16-byte command (Op code = 85h) is proposed as a replacement. The 12-byte command (op code = 85h) is the MMC BLANK command. The MMC WG has no objections to the definition of the SAT command using op code 85h. The MMC WG strongly recommends that op code A1h not be used by SAT.

   F. BD-R Commands Description (rev 0.25) review:
      Ø The term Recordable Unit (4.3.2.2.2) seems to be the same as a Cluster. Is it preferred to use at most, one term.
      Ø 4.3.5.6 A formatting error needs to be fixed.
      Ø Figure 20, LT3 should be LT4.
      Ø Additional length field in 5.1.2 table does not match text.
      Ø Additional length field for BD Write is wrong.
      Ø Remove discussion of recording BD-ROM above table 10.

8.0 Review of Action Items
   Bill McFerrin shall correct BD-R document errors discovered during the presentation.
   Bill McFerrin shall add new information from VCPS description to next MMC5 draft.
9.0 Future Meeting Schedule
   A. Meeting Location:
      Laguna Cliffs Marriott Resort
      25135 Park Lantern
      Dana Point, CA 92629
      1.949.661.5000 or 1.800.545.7483
      Hosted by Qlogic (Skip Jones)

   B. Expected activity for March meeting:
      2. Proposal extending DVD+RW commands to include DVD+RW Double Layer.
      5. Proposal for AACS commands.

   C. MMC WG requests to arrange meeting rooms:
      1. Monday - Mt Fuji
      2. Tuesday - Mt Fuji/MMC joint
      3. Wednesday - MMC