

T10 Meeting Week at: The Driskill Hotel  
604 Brazos Street  
Austin, TX 78701  
Hosted by: Crossroads Systems, Inc (Dexter Anderson)

### 1.0 Opening Remarks

Bill McFerrin opened the meeting at 9:10AM and read the following INCITS/T10 statement:

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

Philips	Bill McFerrin
Hewlett-Packard	David Hanes
IOMEGA	David Hawkes
Microsoft	Emily Hill
Panasonic	Takaharu Ai
Panasonic	Terry Nelson
Pioneer	Keiji Katata
Ricoh	Masaetsu Takahashi
Toshiba	Hadeki Takahashi

### 3.0 Document Distribution

Bill McFerrin distributed the following:

- A. The latest MMC-4 corrected version (MMC4R04.PDF),
- B. The latest MMC-5 draft (MMC5R01.PDF),
- C. Rewritable Blu-ray Disc (BD-RE) Multi-Media Command Set Description, Draft Ver 0.80,
- D. Multi-Media Command Set Description for Write-Once Blu-ray Disc (BD-R), Draft Ver 0.15
- E. Multi-Media Command Set (MMC) Enabling the Video Copy Protection System (VCPS) for the DVD+R/+RW Video Recording Format, Draft Ver. 1.00

### 4.0 Call for Patents - None.

### 5.0 Approval of Agenda

Bill McFerrin added presentation of VCPS for DVD+R/+RW.

### 6.0 Old Business

MMC-4 details...MMC4R04 changes were reviewed.

- A. Significant: The READ BUFFER CAPACITY command had been removed in favour of a reference to SPC-3. The command was not described in SPC-3, so its description was replaced.
- B. Editorial: Table 75 (a list of feature descriptors) was missing some features that are described later in the clause. This was corrected.
- C. In the Timeouts sub-clause of 6.35 RESERVE TRACK, there is discussion about behaviour based upon the setting of the IMMED bit in the CDB. Since there is no IMMED bit in the CDB, the reader should follow the case where IMMED is set to zero, however, it is better to remove all discussion about the IMMED bit.
- D. Editorial: In Annex I in I.2 the discussion of Sleep state had a statement describing the uncertainty about media change status when a manual eject is performed during Sleep. A comment from a reader prompted a rewording for clarity.

David Hanes noted a nonsensical sentence at 6.22.2.2. This was corrected. The WG accepted the changed version as MMC4R05. The WG agreed with no objections that this should be proposed for forwarding to INCITS for 2nd public review.

## 7.0 New Business

### 7.1 DVD+R/+RW VCPS Content Protection Proposal

One comment resulted in an action for the editor.

### 7.2 Review new draft version of BD-RE Commands (version 0.8)

Several comments resulted in action items for the editor.

### 7.3 Review first draft version of BD-R Commands (version 0.15)

The document, so far, consists only of a model section. Final details of the physical format should be fixed prior to December 2004. The BDF members expect a complete (yet hardly perfect) draft to be presented at the January 2005 meeting.

### 7.4 Review draft 1 of MMC-5

The initial draft of MMC5 was given a cursory review. The editor showed the locations of new material and small changes in the document structure since MMC-4. The editor requested individual reviews of these changes for comments in January.

## 8.0 Review of Action Items

- A. Bill McFerrin shall correct MMC4R04A based upon comments during the WG meeting.
- B. Bill McFerrin shall add a flow chart to the DVD+R/+RW VCPS document to assist the authorization description.
- C. Bill McFerrin shall correct the BD-RE Commands draft:
  - 1. The definition for Quick Certification needs a clearer definition.
  - 2. The definition for Quick Reformat needs a clearer definition.
  - 3. In 4.4.5 the PAC ID/Format Number need a more complete discussion.
  - 4. Table 27 does not specify all reserved values.

## 9.0 Future Meeting Schedule:

The next MMC-WG meeting is 9:00AM to 5:00PM 19 January 2005 at:

Tropicana Hotel and Casino  
3801 Las Vegas Blvd S  
Las Vegas, NV 89109-4325  
(800) 643-4000 (please make reservations at this number)

Hosted by Hitachi GST Corp (Dan Colegrove)