

Accredited Standards Committee\*  
X3, Information Processing Systems

Doc.No.  
Date: February 9, 1995  
Project: X3T10-1048D  
Ref. Doc.: X3T10/95-149R0  
Reply to: R. Roberts

To: Membership of X3T10  
From: RK Roberts  
Subject: Minutes of X3T10 MMC Working Group - February 2 & 3, 1995

## 1. Opening Remarks

Ron Roberts convened the meeting at 9:30 AM on Feb 2, 1995. He thanked Dennis Pak of Apple Computer for hosting the meeting and for providing lunch on both days.

As is customary, the people attending introduced themselves. A copy of the attendance list was circulated for attendance and corrections.

This meeting has been authorized by X3T10 and will be conducted under the X3 rules. Ad hoc meetings take no final actions, but prepare recommendations for approval by the X3T10 technical group. The voting rules for the meeting are those of the parent committee, X3T10. 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 X3T10 BBS, the SCSI Reflector, the MMC Reflector, the ATAPI Reflector, and will be included in the next X3T10 committee mailing.

Attendance at working group meetings does not count toward minimum attendance requirements for X3T10 membership. Working group meetings are open to any person or company to attend and to express their opinion on the subjects being discussed.

The members were polled to determine what format the document will be edited. The majority would like to have the document in Word for Windows 6.0. The edit or agree to convert the document and have the new version by the March 8th meetings. (he hopes)

Philips agreed to present their proposal on the March 8 in Newport Beach. YAMAHA also agreed to present a proposal on March 8. Other companies present agreed to present their proposals if their corporate management OK the presentations. Proposals made on March 8 will be the last ones accepted so that we can merge all of the proposals and start editing them into a solid document.

## 2. Attendance and Membership

See attendance sheet attached. List includes attendees for both days.

## 3. Document Distribution

1048D Multi-Media Commands revision - 2 Copies of Rev 2 were distributed to those that did not have one.  
95-104r0 CD-R Command Set Proposal for MMC (Sony/Apple Proposal)

## 4. Approval of Agenda

The agenda was approved as presented.

### 4.1 SONY presentation on CD-R proposal (M. Yokoyama)

Most of the first day was spent on the details of the sony proposals. Much of the conversation was centered on the model used and how the protocol is implemented. It was agreed that one of the first steps in developing the document we needed to establish a common model. Presentation of the architectural model used by SONY in the development of the command set proposal. The architecture included three methods of recording technology. Mike covered the basic commands and those that were mandatory, optional, and vendor-specific.

Devon question the model used and suggested that we determine a common model and then define the command set to implement that one model.

#### **4.2 Reslolution of ATAPI conflicts, if any (All)**

The group agreed that the multi-media document should all be specified in HEX instead of BCD. There are a few areas that need to be changed in the command format definitions. (editor to change) Attempted to resolve other areas of differences, and discovered that all of the ATAPI items that were to be included in the Rev 2 document did not make it.

#### **4.3 Detail OP-CODE review (detail bit review of all regs) (ALL)**

Some review of op-codes occurred in the discussions of ATAPI. All agreed that we should expand the listing started by editor. An updated one should be ready for 3/8 meeting. 4.4 Review any Technology proposals (please provide copies of docs, if any) None reviewed.

#### **4.5 Proposals for additional clauses to be incorporated in the standard**

None reviewed.

#### **4.6 Determine schedule for standard forwarding to X3**

Scheduling the revision level to be forwarded to September Plenary. This is possible if we cut off inputs after March 8 meeting.

### **5. Review of Action Items**

All action items from the January meetings were completed.

### **6. Old Business**

The reflector is MMC@dt.wdc.com

### **7. New Business**

Open items that still need to be resolved:

- A. Schedule for draft standard generation.
- B. Review Rev 2.0 of the current document (working draft)

### **8. Call for Patents**

Ron Roberts requested that anyone aware of and patents required for the proposals, be disclosed early in accordance with the ANSI patent policy.

### **9. Liaison Reports**

None.

### **10. Action Items**

Item 1 Philips to present argument for/aganist Command BDH Play CD-ROM XA(12) what is it.

Item 2 Ron to identify where all occurances of BCD fields need to be changed to HEX. Straw pole to be taken on 3/8 to implement change.

Item 3 SONY(Mike Y.) and APPLE (Chris B.) to get back with editor with a date when the mandatory command set definition will be available.

Item 4 Peter Brown to contact IBM for the same as item 3.

Item 5 Editor to provide new Rev of MMC at 3/8/95 meeting.

### **11. Meeting Schedule**

March 8, 1995 at Newport Beach, CA hosted by Qlogic.

March 23 or 30, 1995 location needed and approval by X3T10 Chair

### **12. Adjournment**

The meeting adjourned at 12:15 PM on February 3, 1995.

**ATTENDANCE LIST For Feb 2 & 3,1995**

NAME	ORGANIZATION	EMAIL
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