

Accredited Standards Committee\*  
**X3, Information Processing Systems**

**Doc. No.** X3T10/95-119R0  
**Date:** January 11, 1995  
**Project:**  
**Ref. Doc.:**  
**Reply to:** R. Roberts

**To: Membership of X3T10**

**From: Lamers/Roberts**

**Subject: Minutes of X3T10 MMC Working Group - January 11, 1995**

**Agenda**

1.	1. Opening Remarks	2
2.	2. Attendance and Membership, Introductions	2
3.	3. Document Distribution	2
4.	4. Approval of Agenda	2
5.	5. Review of Action Items	2
6.	6. Old Business	2
	6.1 Recommended response to ATAPI project proposal letter ballot comments	2
	6.2 Plan for SFF to X3T10 Transition	<b>Error! Bookmark not defined.</b>
	6.3 Recommendations for SFF	<b>Error! Bookmark not defined.</b>
1.	7. ATA-3 Items	<b>Error! Bookmark not defined.</b>
	7.1 Secure Mode	<b>Error! Bookmark not defined.</b>
	7.2 ATA-3 Command overlap and command queuing proposals	<b>Error! Bookmark not defined.</b>
	7.3 Greater than 16.6 MB/s DMA transfer rates	<b>Error! Bookmark not defined.</b>
	7.4 Reset pulse width	<b>Error! Bookmark not defined.</b>
	7.5 Check power mode additional capability	<b>Error! Bookmark not defined.</b>
	7.6 PFA Reporting	<b>Error! Bookmark not defined.</b>
	7.7 Error Detection	<b>Error! Bookmark not defined.</b>
	7.8 Reduced Command Set	<b>Error! Bookmark not defined.</b>
	7.9 3.3 Volt Signal Level Definition	<b>Error! Bookmark not defined.</b>
	7.10 Additional DMA Commands	<b>Error! Bookmark not defined.</b>
1.	8. New Business	3
2.	9. Call for Patents	3
3.	10. Liaison Reports	3
	10.1 ATA-2	<b>Error! Bookmark not defined.</b>
	10.2 ATAPI	<b>Error! Bookmark not defined.</b>
1.	11. Action Items	3
2.	12. Meeting Schedule	3
3.	13. Adjournment	3

---

\*Operating under the procedures of The American National Standards Institute.  
**X3 Secretariat, Computer and Business Equipment Manufacturers Association (CBEMA)**  
1250 Eye Street NW, Suite 200, Washington, DC 20005-3922  
Telephone: 202-737-8888 (Press 1 twice) FAX: 202-638-4922 or 202-628-2829

**1. Opening Remarks**

Ron Roberts convened the meeting at 1:00 pm. He thanked Steve Finch of Silicon Systems for hosting the meeting. He also requested that Larry Lamers take the minutes and thanked him for accepting the request.

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

It was stated that the meeting had been authorized by X3T10 and would be conducted under the X3 rules. Ad hoc meetings take no final actions, but prepare recommendations for approval by the X3T10 task 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 and the SCSI Reflector and will be included in the next X3T10 committee mailing.

**2. Attendance and Membership, Introductions**

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 following people attended the meeting.

NAME	ORGANIZATION	EMAIL
Mr. Lawrence J. Lamers	Adaptec, Inc.	ljlammers@aol.com
Kevin James	AMD	kevin.james@amd.com
Joseph Chen	Cirrus Logic	chen@cirrus.com
Rob Sims	HP	robsims@deepeche.lvl.hp.com
Mr. Duncan Penman	IIX Consulting	penman@netcom.com
Mike Flora	Microsoft	mikefl@microsoft.com
Chris D'Iorio	NEC Technologies	cd-iorio@necotech.com
Mr. Peter Brown	Oak Technology, Inc.	brown@oaktech.com
Kazushige Yoshino	Sanyo	
Mr. Ron Roberts	Sierra-Pac Technology	rkr Roberts@aol.com
Mr. Devon Worrell	Western Digital Corporation	worrell@dt.wdc.com
Mr. Tom Hanan	Western Digital Corporation	hanan_t@a1.wdc.com
Dennis P. Moore	Zadian Technologies	dmoore@netcom.com

**3. Document Distribution**

1048D Multi-Media Commands revision 2  
 95-104r0 CD-R Command Set Proposal for MMC

**4. Approval of Agenda**

The agenda was approved as presented.

**5. Review of Action Items**

1)

**6. Old Business**

Accept proposals from individuals within the industry, for identified technologies, to be included within the multi-media command set document. These proposals shall be reviewed, and those items deemed appropriate included within MMC. Where conflicts exist, it is the responsibility of this group to resolve them in an orderly time frame.

Technology focus: ATAPI, CD-ROM, CD-R, CD-PCR, at high priority  
Changers, high capacity CD's as secondary effort. These efforts need proposals or at least some input for understanding the impact of technology on the current project.

The reflector will be MMC@dt.wdc.com.

f

## **7. New Business**

None.

## **8. Call for Patents**

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

## **9. Liaison Reports**

## **10. Action Items**

- 1) Duncan Penman to post list of MMC/ATAPI issues to reflector.

## **11. Meeting Schedule**

February 2, 1995 at Santa Clara, CA hosted by Apple Computer.

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

## **12. Adjournment**

The meeting adjourned at 4:00 PM on January 11, 1995.