To: Membership of X3T10
From: R.K. Roberts
Subject: Minutes of X3T10 MMC Working Group - March 8, 1995

Agenda
1.0 Opening Remarks
2.0 Introductions
3.0 Document Distribution
4.0 Approval of Agenda
5.0 Meeting Agenda
  5.1 Bill McFerrin Philips Action Item from 2/2 Working Group Session
  5.2 PHILIPS CD-R proposal presentation
  5.3 YAMAHA CD-R proposal presentation
  5.4 Review any Technology proposals
  5.5 Proposals for additional clauses to be incorporated in the standard
  5.6 Schedule for standard forwarding to X3
6.0 New Business
7.0 Review of Action Items
8.0 Call for Patents
9.0 Actions Items
10.0 Future Meeting Schedule
11.0 Adjournment

1. Opening Remarks
Ron Roberts convened the meeting at 1:00 pm. He thanked Skip Jones of Q Logics for hosting the meeting. 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 SCSI Reflector, the MMC Reflector, the ATAPI Reflector, and will be included in the next X3T10 committee mailing.

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

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:

<table>
<thead>
<tr>
<th>Name</th>
<th>Company</th>
<th>E-mail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mr. Kevin James</td>
<td>AMD</td>
<td><a href="mailto:kevin.james@amd.com">kevin.james@amd.com</a></td>
</tr>
<tr>
<td>Mr. Chris Brown</td>
<td>APPLE COMPUTER, Inc</td>
<td><a href="mailto:brown.c@applelink.apple.com">brown.c@applelink.apple.com</a></td>
</tr>
<tr>
<td>Mr. Ash Pahwa</td>
<td>CD-ROM Strategies, Inc</td>
<td><a href="mailto:ashpahwa@netcom.com">ashpahwa@netcom.com</a></td>
</tr>
<tr>
<td>Mr. Joseph Chen</td>
<td>Cirrus Logic</td>
<td><a href="mailto:chen@cirrus.com">chen@cirrus.com</a></td>
</tr>
<tr>
<td>Mr. Sam Lin</td>
<td>CMD Technology, Inc.</td>
<td><a href="mailto:sam@cmd.com">sam@cmd.com</a></td>
</tr>
<tr>
<td>Mr. Amrish Patel</td>
<td>Creative Labs, Inc</td>
<td><a href="mailto:apatel@creaf.com">apatel@creaf.com</a></td>
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<tr>
<td>Mr. Robert Reisch</td>
<td>Eastman Kodak</td>
<td><a href="mailto:reisch@sector.kodak.com">reisch@sector.kodak.com</a></td>
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</tbody>
</table>
3. Document Distribution
1048D Multi-Media Commands revision 2.0a was distributed
   CD-R Command Set Proposal for MMC by Philips
   CD-R Command Set Proposal for MMC by Yamaha
   Comments to Philips proposal by RICOH

4. Agenda
The agenda was approved as modified. Bill McFerrin of Philips presented a proposal for playing more than Audio. In discussions that followed it was suggested by D. Worrel of WD that we add a new op-code to play audio. A proposal will be required at the 3/29 meetings.
Philips presented their CD-R proposal. In discussions that followed it was requested that Philips present command flow and basic architecture at next meeting (3/29). RICOH Corp, provided some copies of their comments to the Philips proposal. (for copy contact RICOH attendee, no electronic copy was supplied to editor).
Yamaha presented their CD-R Proposal. There was minimal discussion as everyone tried to comprehend the presentation. Copies of the proposal can be obtained from Yamaha attendee.
EDITORS NOTE: each presentation should be provided to the editor in electronic form so that it may be included in the official minutes.
Robert Reisch of Kodak presented a very high level view of the architecture flow.
Sony presented packet size definition in response to action item from last meeting.

5. Review of Action Items
1) Philips to present on 3/29/95 a typical flow of identified commands would be used.
2) R. Reisch to present a more detailed view and discussion of the command flow and op-code requirements for a CD-R.

6. Old Business
none

7. New Business
Open items that need be resolved:
   A. Schedule for draft standard generation.
   B. Review Rev 2.0a of the current document (working draft)

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. Meeting Schedule
March 29 & 30, 1995 in Sunnyvale CA, hosted by Philips Semiconductors. Direction and times to be posted to reflectors.
May 9, 1995 in Harrisburg, PA hosted by AMP Incorporated X3T10 week.

10. Adjournment
The meeting adjourned at 4:00 PM on March 8, 1995.