To: Membership of X3T10  
From: R. Reisch/R. Roberts  
Subject: Minutes of X3T10 MMC II Working Group - October 6 and 7, 1997

AGENDA
DRAFT AGENDA
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Minutes:
1.0 Opening Remarks  
Ron Roberts called the meeting to order at 9:00 AM on Monday 10/06/97. He thanked Bill and Randy of Philips for hosting the meetings in Longmont Colorado. Ron asked Mr. Rob Reisch of Kodak to act as recording secretary for the meetings.
This meeting has been authorized by NCITS T10 and will be conducted under the NCITS 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, NCITS T10. For the ad hoc, other than straw votes, there voting rules are: one per participating company.

The minutes of this meeting will be posted to the Symbios T10 BBS, the SCSI Reflector, the MMC Reflector, the DISKBOYS Reflector and will be included in the next X3T10 committee mailing.

Attendance at a working group meeting 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.

2.0 Introductions
Introductions of attendees were made and a sign-up sheet was distributed. The following attendees were present during the two days of meetings:

<table>
<thead>
<tr>
<th>Name</th>
<th>Company</th>
<th>E-mail address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ron Roberts</td>
<td>Apple Computer</td>
<td><a href="mailto:rkroberts@alo.com">rkroberts@alo.com</a></td>
</tr>
<tr>
<td>Robert Reisch</td>
<td>Eastman Kodak</td>
<td><a href="mailto:reisch@kodak.com">reisch@kodak.com</a></td>
</tr>
<tr>
<td>Rob Sims</td>
<td>Hewlett Packard</td>
<td><a href="mailto:robsims@hootie.lvd.hp.com">robsims@hootie.lvd.hp.com</a></td>
</tr>
<tr>
<td>Bill McFerrin</td>
<td>Philips</td>
<td><a href="mailto:bill.mcferrin@na.km.philips.com">bill.mcferrin@na.km.philips.com</a></td>
</tr>
<tr>
<td>Randy Hines</td>
<td>Philips</td>
<td><a href="mailto:hinesr@worldnet.att.net">hinesr@worldnet.att.net</a></td>
</tr>
<tr>
<td>Devon Worrell</td>
<td>Western Digital</td>
<td><a href="mailto:worrell@dt.wdc.com">worrell@dt.wdc.com</a></td>
</tr>
<tr>
<td>Mike(Masayuki) Yokoyama</td>
<td>Sony</td>
<td><a href="mailto:yokoyama@strg.sony.co.jp">yokoyama@strg.sony.co.jp</a></td>
</tr>
<tr>
<td>Tim Bradshaw</td>
<td>Iomega</td>
<td><a href="mailto:bradshat@iomega.com">bradshat@iomega.com</a></td>
</tr>
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3.0 Document Distribution
Randy, of Philips, distributed Clause 5 via file ‘cls05r5.doc’.

Mike (Masayuki) Yokoyama distributed hard and soft copies of the document Proposal of ATAPI command set for supporting CD TEXT, file name “cdtext_comp5.doc”.

4.0 Call for Patents
The normal request for patent disclosures was made. No patents were identified.

5.0 Approval of Agenda
No modifications were made.

6.0 Meeting Agenda
6.1 Get Configuration Philips
Bill explained that Philips is removing their proposal for Get Configuration. Philips will propose enhancements to the current, Mt. Fuji 2, Get Configuration. Philips is proposing that the wording for CD Rom drives feature set make read disc and read track strongly recommended but optional features.

Clause 5 review Philips
*Ron Roberts will add tables to Fuji Clause 8 in the proper places for review in Pam Springs.

6.2 - SONY CD Text presentation
Mike (Masayuki), presented a refined proposal for implementing CD Text within MMC II command set. Mike proposal uses two methods to read CD TEXT data in lead-in. First, the Read CD command. The second method, Read TOC/PMA/ATIP and a new negative address definition(F0,00,00,00). Writing of CD text in lead-in will be supported using the write parameter mode page (data type of 2,3 and 14(new) with p&q overwritten by drive) and the write command.

Further, writing of Track 0 will refer to the writing of Lead-in. This definition must be added to MMC II. Mike will rewrite his proposal and give it to Ron for inclusion into MMC II for review in Pam Springs.

6.3 MMC II document review
6.3.1 Power Management
After a lengthy discussion (~2.5 hours) Ron Roberts has an action item to bring Mt. Fuji 2 Power Management into MMC II for review in Pam Springs.
6.3.2 Read DVD Structure, use Fuji 2 as is for Pam Springs.
6.3.3 Profiles from Mt. Fuji 2 will be used in MMC II for review in Pam Springs.
6.3.4 Ron will submit the complete profiles and features document that defined most device types(CD, DVD and spinning magnetic and optical devices) to SCSI III working group. MMC II’s profiles and feature will initially address all device types. Based on the actions from the SCSI III working group MMC II may address just CD and DVD devices. Other editorial changes were made to the profiles and feature sections.

7.0 New Business
None

8.0 Review of Action Items
*Ron Roberts will add tables to Fuji Clause 8 in the proper places for review in Pam Springs.

*Mike (Masayuki) Yokoyama of Sony will update his CD Text proposal. The refined proposal will be incorporated into MMC II for review in Pam Springs.
* Ron Roberts will bring Mt. Fuji 2 Power Management into MMC II for review in Pam Springs.
* Ron will submit the complete profiles and features document that defined most device types (CD, DVD and spinning magnetic and optical devices) to SCSI III working group. Wednesday afternoon tentative time for SCSI III working group meeting to present Profiles and Features.
* Rob Sims will add an Annex M that explains Profiles and Features for review in Pam Springs.

9.0 Future Meeting Schedule

<table>
<thead>
<tr>
<th>Location</th>
<th>Date</th>
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<tbody>
<tr>
<td>Pam Springs CA</td>
<td>November T10</td>
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<tr>
<td>Irvine CA</td>
<td>December 1 &amp; 2 Monday and Tuesday of ATA Devon will confirm the meeting dates.</td>
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<tr>
<td>Placerville CA</td>
<td>January 8 and 9 in place of T10 week.</td>
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<tr>
<td>Southern CA</td>
<td>February ATA meeting week dates to be confirmed</td>
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10.0 Adjournment

The meeting adjourned at 5:00pm, October 07, 1997.