AGENDA

DRAFT AGENDA

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Minutes:

1.0 Opening Remarks
Ron Roberts called the meeting to order at 9:00 AM on Tuesday 11/04/97. He thanked Norm Harris of Adaptec for hosting the meetings. 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.lvld.hp.com">robsims@hootie.lvld.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>Devon Worrell</td>
<td>Western Digital</td>
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</tr>
<tr>
<td>Dennis Pak</td>
<td>Sony</td>
<td><a href="mailto:dennis_pak@asd.sel.sony.com">dennis_pak@asd.sel.sony.com</a></td>
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<tr>
<td>Tim Bradshaw</td>
<td>Iomega Corp.</td>
<td><a href="mailto:bradshat@iomega.com">bradshat@iomega.com</a></td>
</tr>
<tr>
<td>John Fuller</td>
<td>Microsoft</td>
<td><a href="mailto:jfuller@microsoft.com">jfuller@microsoft.com</a></td>
</tr>
<tr>
<td>John Packer</td>
<td>Adaptec</td>
<td><a href="mailto:jpacker@corp.adaptec.com">jpacker@corp.adaptec.com</a></td>
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<tr>
<td>Burt Wagner</td>
<td>Symbios Logic</td>
<td><a href="mailto:burt@peakadventure.com">burt@peakadventure.com</a></td>
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<tr>
<td>Anthony Fung</td>
<td>SGC Thomson</td>
<td><a href="mailto:anthony.fung@st.com">anthony.fung@st.com</a></td>
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<tr>
<td>Danny Hul</td>
<td>SGC Thomson</td>
<td><a href="mailto:danny.hul@st.com">danny.hul@st.com</a></td>
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<tr>
<td></td>
<td>Microelectronics</td>
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3.0 Document Distribution
Ron Roberts distributed a soft copies of the following documents:
1) 97-279R0_pwrMgmnt.doc, Power Management
2) 97-278R0_features.doc, Features
3) 97-263R1_getconf.doc, Get Configuration
4) d1228_r01.doc, MMC II Rev 3.0
Rob Sims distributed document titled, How to do Features, 'How to do Features.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 - SONY CD Text presentation
Dennis Pak of Sony made a presentation for the final draft of items to be included into MMC II for CD Text. At the completion of a lengthy conversation that prompted several refinements, the changes SONY requested and approved at the last two meetings will be incorporated into revision 4.0 of MMC.

6.2 - Review Get Configuration and Features Sets Profiles
-Why should these commands become part of SPC?
-Other devices that could morph would be scan fax or print device.
Ron/Rob Sims will present to the SCSI III working group an optional SPC Get Configuration command and the core features 0 through F.
He will present the Feature information followed by the Get Configuration. The MMC group in the February joint meeting may propose to the RBC group the following recommendation:
A RBC device that has removable media then Get Configuration would be mandatory and optional for device with fixed media.
6.3 - Review Rev3 of MMC II Specification
1. The definition of Block was removed from section 3.1.9.
2. Time-out Model will be moved to the feature section.
3. Devon Worrell pointed that deferred loads are still ignored by Microsoft, why?
4. Devon Worrell moved that Scan command be made mandatory in the CD Audio Analog Feature set. The motion failed for lack of a second.
5. Bill McFerrin moved and Rob Reisch seconded that Scan command is to be made optional and a bit defining its support added to the feature definition. Devon made a friendly amendment that the Scan command be made obsoleted in the MMC specification. The motion passed 7 in favor of, 0 against and 2 abstentions.

6.4 - Joint Meeting Wednesday afternoon with SCSI III WG
Rob Sims presented Features and the Get Configuration command information. The SCSI III working group did express a desire to see a proposal that would be used to include these concepts into SPC. Rob and Ron Roberts agreed to have a proposal for review by the SCSI III working group after the January MMC meeting. The proposal will be distributed by e-mail.

7.0 New Business
None

8.0 Review of Action Items
-Ron Roberts will merge all time-out models into the feature section.
-Tim Bradshaw to confirm February meeting dates for MMC
-Devon Worrell will develop definitions for tracks, sessions, border zones and R-Zone.

9.0 Future Meeting Schedule

December meeting was canceled
Placerville CA January 8 and 9 in place of canceled T10 week.
Southern CA February 10 & 11, Salt Lake City, Tim to confirm dates.

10.0 Adjournment
The joint meeting adjourned at 5:00pm November 6, 1997.