

Accredited Standards Committee*
X3, Information Processing Systems

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Project: X3T10-1048D
Ref. Doc.:
Reply to: R. Roberts

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.

Name	Company	E-mail
Mr. Kevin James	AMD	kevin.james@amd.com
Mr. Chris Brown	APPLE COMPUTER, Inc	brown.c@applelink.apple.com
Mr. Ash Pahwa	CD-ROM Strategies, Inc	ashpahwa@netcom.com
Mr. Joseph Chen	Cirrus Logic	chen@cirrus.com
Mr. Sam Lin	CMD Technology, Inc.	sam@cmd.com
Mr. Amrish Patel	Creative Labs, Inc	apatel@creaf.com
Mr. Robert Reisch	Eastman Kodak	reisch@sector.kodak.com

Mr. Rob Sims	Hewlett Packard	robsims@depeche.lvld.hp.com
Mr. Rob Sims	Hewlett Packard	robsims@depeche.lvld.hp.com
Mr. Praveen Asthana	IBM Storage Systems	Pasthana@vnet.ibm.com
Mr. Duncan Penman	IIX	penman@netcom.com
Mr. Mike Flora	Microsoft Corp	mikefl@microsoft.com
Mr. Neil Sugie	Mitsumi (Alpha Peripherals)	101122.1711@compuserve.com
Mr. Kevin Matsuda	MKE/Panasonic	kevinm@101175,176cis(compuserve)
Mr. Peter Grossler	NSM Jukebox GmbH	cis: 73503,3467
Mr. Peter Brown	OAK Technology	brown@corp.oaktech.com
Mr. Charles Yang	Panasonic	picavccy@cup.portal.com
Mr. Marc Severi	Philips	ms@behscs2.serigate.philips.nl
Mr. Bill McFerrin	Philips	bill-mc@lms.com
Mr. Jan Enderink	Philips Laser Optics	enderinj@am.umc.ce.philips.nl
Mr. Kevin Ross	Philips Semiconductor	rossk@scs.philips.com
Mr. Sunil Nethisinghe	Philips Semiconductors	nethisin@scs.philips.com
Mr. Curtis E. Stevens	Phoenix Technology	curtis.stevens@bannet.ptltd.com
Mr. Kazuhiro Chigita	Ricoh Co., Ltd	chigita@shinyoko.ricoh.co.jp
Mr. Robert DeMoulin	Ricoh Corporation	75554,1134@compuserve
Mr. Kazushige Yoshino	Sanyo	yoshino@100213,3362.compuserve
Mr. Tsutomu Ogishi	Sanyo Semiconductor Corp	ogishits@ix.netcom.com
Mr. Ron Roberts	SIERRA-PAC Technology	rkroberts@aol.com
Mr. Steve Finch	Silicon Systems, Inc.	steve.finch@tvs.ssi1.com
Mr. Mike Yokoyama	SONY	masayuki@cpcpc.sel.sony.com
Mr. Stan N. Huyge	Symbios Logic	stan.huyge@ftcollins.ncr.com
Mr. Patrick Mercer	Syquest Technology	patrick.mercer@syquest.com
Mr. Tom Hanan	Western Digital	hanmann.j@a1.wdc.com
Mr. Devon Worrell	Western Digital	worrell@dt.wdc.com
Mr. Nick Emoto	Yamaha	nick@yamaha.mhs.compuserve.com
Mr. Ken Takeshita	Yamaha Corp	take@lab1.yamaha.co.jp
Mr. Kasushi Tamai	Yamaha Corp	tama@lab1.yamaha.co.jp

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.