

Accredited Standards Committee*
X3, Information Technology

Doc. No.: X3T10.1/97a107r0

Date: February 26, 1997

Project:

Ref. Doc.:

Reply to: Larry Lamers
ljlammers@aol.com

To: Membership of X3T10.1
From: Lawrence Lamers, Chair X3T10.1
Subject: Minutes of X3T10.1 Plenary Meeting #19
Austin, TX --- February 26, 1997

Agenda

1. Opening Remarks
2. Approval of Agenda
3. Attendance and Membership
4. Approval of Minutes
5. Document Distribution
6. Call for Patents
7. Review of Old Action Items
8. Project Status Reports
 - 8.1 SSA Physical Layer 1 (SSA-PH1)
 - 8.2 SSA Transport Layer 1 (SSA-TL1)
 - 8.3 SSA SCSI-2 Protocol (SSA-S2P)
 - 8.4 SSA Physical Layer 2 (SSA-PH2) [Tsai]
 - 8.5 SSA Transport Layer 2 (SSA-TL2) [Scheible]
 - 8.6 SSA SCSI-3 Protocol (SSA-S3P) [Scheible]
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11. Review of Action Items
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 - 12.3 Authorization of Working Group Meetings
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Results of Meeting

1. Opening Remarks

The chairman called the meeting to order at 3:00 p.m., Wednesday, February 26, 1997. He thanked Claude Ricks of IBM for arranging and hosting the meeting.

The chair noted that the meeting is conducted under Robert's Rules of Order and the written policies and procedures of X3 and X3T10. The X3 policies and procedures are available at <http://www.x3.org>. The X3T10 policies and procedures are available from the chairman of X3T10.

The chairman stated that X3 Subgroup Membership forms and the X3T10 Mailing Subscription form were available from the secretary. He said that people should use the X3 forms to insure the X3 Secretariat has the latest membership information. These forms should be mailed directly to the X3 Secretariat. In order to correctly reflect the membership in X3T10.1 a copy of these changes needs to be sent to the chairman.

The X3T10.1 mailing is available in both paper and CD-ROM format. Contact Katrina Gray for subscription information.

The chair reminded members that if their bill for service fees from X3 for calendar year 1997 is not paid by March 31, 1997 their membership would be terminated.

The chair noted that Secretariat has changed its name from X3 to National Committee for Information Technology Standards (NCITS), the task group will now be know as T10.1, and the reflector has changed to t10-ssa.

The first generation standards have been published, except for resolution of the patent statement in SSA-S2P.

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

2. Approval of Agenda

The draft agenda was approved as amended.

3. Attendance and Membership

The chairman reviewed the membership requirements. The X3 rules permit one vote per organization. An individual from a new organization must attend two out of three consecutive plenary meetings to gain voting rights. He/she may apply for voting membership at the second meeting via a letter to the chairman of X3T10.1. The individual may vote at the second plenary meeting. Attendance at working group meetings does not count toward attendance requirements.

The principal member holds the voting rights, or in their absence an alternate or a designated alternate may vote. A designated alternate is required to present a letter to the chair, from the principal member, designating them as an alternate for the meeting.

Organizations must also pay the X3 Service Fee to maintain membership. Organizations are terminated for non-payment based on a control sheet received from the X3 secretariat.

The Chair said he had sent email notices to 7 people from 3 organizations informing them that their membership was in jeopardy due to non-attendance and that their membership would be terminated if they did not attend this meeting. All organizations were represented at this meeting except:

Digital Equipment Corp

These organizations were 'terminated' (that is, the principals were changed to observers, first alternates, if any, were dropped, and any additional alternates were changed to observers). No organizations joined X3T10.1 at the meeting.

The X3T10.1 membership is now at 11 organizations:

Adaptec
AMP, Inc.
Amphenol Interconnect Products
IBM Corporation
ITT Cannon
Madison Cable
Molex, Inc.
Pathlight Technology
Solution Technology
VLSI Technology, Inc.
Xyratex

Enclosure (1) is the list of the people present at the meeting and enclosure (2) is the current X3T10.1 membership list.

Roll call of members with voting privileges:

Member	Organization	Status	Present
Lawrence Lamers	Adaptec	Principal	Yes
Charles Brill	AMP, Inc	Principal	
Bob Atkinson	AMP, Inc	Alternate	
Michael Wingard	Amphenol Interconnect Products	Principal	
Bill Mable	Amphenol Interconnect Products	Alternate	Yes
John Scheible	IBM Corporation	Principal	Yes
Adge Hawes	IBM Corporation	Alternate	
Daniel Tsai	IBM Corporation	Alternate	Yes
Wolfgang Drichelt	ITT Cannon	Principal	Yes
Ron Crouch	Madison Cable	Principal	Yes
Chuck Grant	Madison Cable	Alternate	
Kelly Tenuta	Molex, Inc.	Principal	
Gary Manchester	Molex, Inc.	Alternate	
Mark DeWilde	Pathlight Technology	Principal	Yes
Said Rahmani	Pathlight Technology	Alternate	
David Deming	Solution Technology	Principal	
Greg Alvey	Solution Technology	Alternate	
Brad Kitson	VLSI Technology, Inc.	Principal	
Neil Edmunds	Xyratex	Principal	Yes
Herb Silverman	Xyratex	Alternate	

4. Approval of Minutes

Document X3T10.1/96a171r1, minutes of plenary meeting #18 were approved.

5. Document Distribution

Members who have any problems with their mailing subscription should deal directly with Katrina Gray (kgray@itic.nw.dc.us) at (202) 626-5741.

The 1997 mailing subscription fees for mailing address within the USA are: \$900 for paper, \$300 for CD-ROM. The subscription fee for mailing addresses outside the USA are higher, please contact the NCITS secretariat for additional information.

The deadline for the next mailing is noon, Wednesday, March 19, 1997. Documents received after this date will go into a subsequent mailing. Documents must be submitted in electronic form. Documents may be submitted by any of the following methods:

- 1) an attachment to an email sent to ljlammers@ix.netcom.com;
- 2) posting to the ftp site, ftp.symbios.com, in the directory /pub/standards/io/pri/incoming/
- 3) posting to the BBS, 714-533-7950, in area 33 ;
- 4) sending a floppy disk to
Lawrence J. Lamers
4611 Park Norton Place
San Jose, CA 95136-2523

Options 2 and 3 also require that you send an email to ljlammers@ix.netcom.com with the file name of the document. Option 4 requires that you send the package allowing sufficient time for it to be delivered by noon of the deadline date.

The minutes will be distributed to the T10-SSA reflector. To be added to the SSA Reflector, send an Email to majordomo@symbios.com with the line 'subscribe t10-ssa' in the message body.

The NCITS Secretariat maintains a World Wide Web page at <http://www.x3.org>. The SSA Industry Association maintains a World Wide Web page at <http://www.ssaia.org>.

The 1997 document register is enclosure (3).

6. Call for Patents

This is a regular agenda item to identify any potential patent issues with developing standards.

A document is available from ANSI, "Procedures for the Development and Coordination of American National Standards", at no charge. Annex I contains the ANSI patent policy.

The Chair requested that any participant aware of patents or patent disclosures that may be required to comply with any publications resulting from T10.1 projects provide an early disclosure of such patent and offer to license such patents under reasonable and non-discriminatory conditions in accordance with the ANSI Patent Policy. No additional patents were identified by the attendees in response to this call.

7. Review of Old Action Items

- 46) John Scheible to generate SSA-PH2 rev 4. Complete.
- 47) John Scheible to generate SSA-TL2 rev 4. Complete.
- 48) John Scheible to generate SSA-S3P rev 4. Complete.
- 49) Larry Lamers to request X3T10 process a letter ballot for the forwarded drafts. Complete.

8. Project Status Reports

8.1 SSA Physical Layer 2 (SSA-PH2) [Tsai]

John Scheible reviewed the letter ballot comment resolution (see 97a101). Neil Edmunds moved and Mark DeWilde seconded that 97a101r4 be approved as the resolution of the letter ballot comments on SSA-PH2 and authorize the technical editor to prepare revision 5 incorporating those comments. The motion passed 7:0:4.

8.2 SSA Transport Layer 2 (SSA-TL2) [Scheible]

John Scheible reviewed the letter ballot comment resolution (see 97a102). Neil Edmunds moved and Mark DeWilde seconded that 97a102r3 be approved as the resolution of the letter ballot comments on SSA-TL2 and authorize the technical editor to prepare revision 5 incorporating those comments. The motion passed 7:0:4.

As a part of the comment resolution a pointer was added to the informative references to deal with tables that may be updated as a result of future standards work.

8.3 SSA SCSI-3 Protocol (SSA-S3P) [Scheible]

John Scheible reviewed the letter ballot comment resolution (see 97a103). Neil Edmunds moved and Mark DeWilde seconded that 97a103r4 be approved as the resolution of the letter ballot comments on SSA-S3P and authorize the technical editor to prepare revision 5 incorporating those comments. The motion passed 7:0:4.

8.4 Project Schedule

The chair reviewed the project schedule. If the letter ballot comment resolution is affirmed by T10 the draft documents should be in public review by mid-April. Public review comments if any will be dealt with at the June meeting.

9. New Business

None.

10. Liaison Reports

10.1 SSA Industry Association

No report.

10.2 SFF Industry Group

No report.

11. Review of Action Items

- 50) John Scheible to generate SSA-PH2 rev 5.
- 51) John Scheible to generate SSA-TL2 rev 5.
- 52) John Scheible to generate SSA-S3P rev 5.
- 53) Larry Lamers to establish the web page for T10.1 to handle the informative reference requirements.

12. Meeting Schedule

The next plenary meeting of T10.1 will be June 12, 1997 in Seattle, WA co-located with T11. The meeting will begin at 5:00 p.m.

Please note that changes to this schedule may occur. All changes to meeting dates, locations, and agendas will be posted to the T10-SSA reflector.

12.1 Meeting Map

The meeting map for the next meeting week is:

June '97 Meeting Map

Thursday	9	10	11	12	1	2	3	4	5	6	7	8	
	+=====+												
										T10.1 Plenary			(30)
	+=====+												

12.2 Long term meeting schedule

The revised 1998 plenary meeting schedule is:
 Thursday, June 12, 1997 in Seattle, WA.
 Thursday, October 9, 1997 in Tuscon, AZ.
 Thursday, February 12, 1998 in *.

* = Tentative locations

12.3 Authorization of Working Group Meetings

The chair noted that the working group meetings are required to operate under the same voting procedures as does T10.1 (that is, one vote per organization) and the results of a working group are not binding on the parent committee. This later requirement is why traditionally only non-binding straw polls are used in working group meetings. Any issue where the voting rules would make a difference should be deferred to the plenary group. Nonetheless, participants in a task group or ad hoc meeting should strive to achieve consensus prior to bringing issues to T10.1.

In the absence of any objection, T10.1 authorized the following meetings:
 T10.1 Working Group, location to be determined.

Details on the working group meeting locations will be posted to the reflector

13. Adjournment

The meeting was adjourned at 4:00 p.m. on Wednesday, February 26, 1997.

Meeting Attendees -- Enclosure (1)

Lawrence Lamers	Adaptec	408-957-7817	ljlammers@aol.com
Bill Mable	Amphenol Interconnect Products	607-786-4236	
John Scheible	IBM Corporation	512-823-8208	scheible@vnet.ibm.com
Daniel Tsai	IBM Corporation	408-256-5729	tsaidaniel@vnet.ibm.com
Chris Parker	IBM Corporation	912-892-2719	parker@vnet.ibm.com
Wolfgang Drichelt	ITT Cannon	49-7151 699 233	101573.2601@compuserve.com
Ron Crouch	Madison Cable	508-752-2884 x210	ron_crouch@madisonusa.ccmil.compuser ve.com
Mark DeWilde	Pathlight Technology	607-266-4000	mark@pathlight.com
Neil Edmunds	Xyratex	011-44-1705-486363	neil_edmunds@uk.xyratex.com

T10.1 Membership, Principals, Alternates & Observers - Enclosure (2)

Lawrence Lamers	Adaptec	408-957-7817	ljlamers@aol.com
Edward Fong	Amdahl Corp	408-944-3780	esf10@amail.amdahl.com
Charles Brill	AMP, Inc	717-592-6198	cebrill@amp.com
Bob Atkinson	AMP, Inc	717-780-4274	rdatkins@amp.com
Michael Wingard	Amphenol Interconnect Products	607-786-4241	mikwingard@aol.com
Bill Mable	Amphenol Interconnect Products	607-786-4236	
Richard Wagner	Cable Design Technologies	508-791-3161	rwagner@mcddt3.iii.net
Ian Morrell	Circuit Assembly Corp	714-855-7887	crctassmbl@aol.com
Bill Ham	Digital Equipment Corp.	508-841-2629	ham@subsys.enet.dec.com
Kevin Pokorney	Fujitsu Computer Products of America	303-682-6449	pokorney@intellistor.com
Tom Kulesza	Honda Connectors	708-913-9566	
David McFadden	Honda Connectors	708-913-9566	
John Scheible	IBM Corporation	512-823-8208	scheible@vnet.ibm.com
Adge Hawes	IBM Corporation	011-44-1705-486363	adge@uk.ibm.com
Daniel Tsai	IBM Corporation	408-256-5729	tsaidaniel@vnet.ibm.com
Wolfgang Drichelt	ITT Cannon	49-7151 699 233	101573.2601@compuserve.com
Karl Nakamura	LSI Logic Inc.	408-433-4516	karln@lsil.com
Ron Crouch	Madison Cable	508-752-2884 x210	ron_crouch@madisonusa.ccmil.com
Chuck Grant	Madison Cable	508-752-2884 x725	charles_grant@madisonusa.ccmil.c
Kelly Tenuta	Molex, Inc.	708-527-4043	ktenuta@molex.com
Gary Manchester	Molex, Inc.	708-527-4043	gmanchester@usa.molex.com
Mark DeWilde	Pathlight Technology	607-266-4000	mark@pathlight.com
Said Rahmani	Pathlight Technology	607-226-4000	saidr@pathlight.com
Ken Erickson	Samsung	408-232-3641	kerickso@samsung.com
Kazushige Yoshino	Sanyo Electric Co., Ltd.	415-960-8582	
David Deming	Solution Technology	408-338-4285	ddeming@scruznet.com
Greg Alvey	Solution Technology	408-338-4285	
Michael Knowles	Tandem Computers	408-285-9957	knowles_michael@tandem.com
Brad Kitson	VLSI Technology, Inc.	408-434-7553	brad.kitson@ustc.vlsi.com
Neil Edmunds	Xyratex	011-44-1705-486363	neil_edmunds@uk.xyratex.com
Herb Silverman	Xyratex	714-476-1016	herb@cerf.net

T10.1 1996 Document Register - Enclosure (3)

X3T10.1/97a101R0	Comments on SSA-TL2 rev 4	J. Scheible
X3T10.1/97a102R0	Comments on SSA-PH2 rev 4	J. Scheible
X3T10.1/97a103R0	Comments on SSA-S3P rev 4	J. Scheible
X3T10.1/97a104R0	Minutes of Working Group - 2/5/97	J. Scheible
X3T10.1/97a105R0	Errata for SSA-TL1	J. Scheible
X3T10.1/97a106R0	Minutes of Working Group - 2/97	L. Lamers
X3T10.1/97a107R0	Minutes of X3T10.1 Plenary Meeting #20	L. Lamers
X3T10.1/97a108R0	Tag Interaction Clarification	J. Scheible