Accredited Standards Committee*
X3, Information Technology

To: Membership of X3T10.1

From: Lawrence Lamers, Chair X3T10.1

Subject: Minutes of X3T10.1 Plenary Meeting #18
                     Lahaina, HI ---October 30, 1996

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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]
     8.7 Project Schedule

9. New Business
     9.1 Forwarding
     9.2 Change of Meeting Schedule

10. Liaison Reports
     10.1 SSA Industry Association
     10.2 SFF Industry Group

11. Review of Action Items

12. Meeting Schedule
     12.1 Meeting Map
     12.2 Long term meeting schedule
     12.3 Authorization of Working Group Meetings

13. Adjournment

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Results of Meeting

1.   Opening Remarks

The chairman called the meeting to order at 3:00 p.m., Wednesday, October 30, 1996. 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 noted that all members should receive a billing for service fees from X3 for calendar year 1997 by December 15, 1996. It is incumbent on the members to insure the service fees are paid to retain membership.

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 letters to 2 people from 1 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:
Samsung.

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 12 organizations:

Adaptec
AMP, Inc.
Amphenol Interconnect Products
Digital Equipment Corp.
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		Forwarding Vote
1	Lawrence Lamers	Adaptec	P	Present
2	Charles Brill	AMP, Inc.	P	
	Bob Atkinson		A	
3	Michael Wingard	Amphenol Interconnect Products	P	
	Bill Mable		A	
4	Bill Ham	Digital Equipment Corp.	P	
	Charles Monia		A	
5	John Scheible	IBM Corporation	P	Present
	Adge Hawes		A	Present
	Daniel Tsai		A#	Present
6	Wolfgang Drichelt	ITT Cannon	P	Present
7	Chuck Grant	Madison Cable	P	
	Brian Morissette		A	
	Robert Bellino		A#	
8	Kelly Tenuta	Molex, Inc.	P	Present
	Gary Manchester	.	A	
9	Mark DeWilde	Pathlight Technology	P	
	Said Rahmani		A	
	Hank Watson		D	Present
10	David Deming	Solution Technology	P	Present
	Greg Alvey		A	
11	Brad Kitson	VLSI Technology, Inc.	P	Present
12	Neil Edmunds	Xyratex	P	Present
	Herb Silverman		A	

4. Approval of Minutes

Document X3T10.1/96a157r0, minutes of plenary meeting #17 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 X3 secretariat for additional information.

The deadline for the next mailing is noon, Wednesday, November 20, 1996. Documents received after this date will go into a subsequent mailing. Documents must be submitted in electronic form, using Word 6 format.
 Documents may be submitted by any of the following methods:
          1) an attachment to an email sent to ljlamers@corp.adaptec.com;
          2) posting to the ftp site, ftp.symbios.com, in the directory /pub/standards/io/X3T10/ temp;
          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 ljlamers@corp.adaptec.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 X3T10-SSA reflector. To be added to the SSA Reflector, send an Email to majordomo@symbios.com with the line 'subscribe x3t10-ssa' in the message body.

The X3 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 1996 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 X3T10.1 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

42)   John Scheible to generate SSA-PH2 rev 3.
43)   John Scheible to generate SSA-TL2 rev 3.
44)   John Scheible to generate SSA-S3P rev 3.
45)   Larry Lamers to prepare detailed schedule for working drafts following forwarding.

8.   Project Status Reports

8.1   SSA Physical Layer 1 (SSA-PH1)

The chairman reported that the X3 letter passed and the dpANS is awaiting publication at ANSI.

8.2   SSA Transport Layer 1 (SSA-TL1)

The chairman reported that the X3 letter passed and the dpANS is awaiting publication at ANSI.

8.3   SSA SCSI-2 Protocol (SSA-S2P)

The chairman reported that the X3 letter passed and the dpANS is awaiting publication at ANSI.

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

John Scheible had prepared a proposed working draft. See the working group minutes for details (96a170).

Dave Deming moved and Neil Edmunds seconded that SSA-PH2 rev 3a be accepted as the current working draft for project 1146D. The motion carried 8:0:0:4.

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

John Scheible had prepared a proposed working draft. See the working group minutes for details (96a170).

Dave Deming moved and Neil Edmunds seconded that SSA-TL2 rev 3 be accepted as the current working draft for project 1147D. The motion carried 8:0:0:4.

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

John Scheible had prepared a proposed working draft. See the working group minutes for details (96a170).

Dave Deming moved and Neil Edmunds seconded that SSA-S3P rev 3 be accepted as the current working draft for project 1051D. The motion carried 8:0:0:4.

Wolfgang Drichelt moved and Brad Kitson seconded that the recommendations of the working group on changes to SSA-S3P, SSA-TL2, and SSA-PH2 be approved and the technical editor be directed to create revision 4. The motion carried 8:0:0:4.

8.7   Project Schedule

The chair reviewed the project schedule. The chair will request that the X3T10 letter ballot close on January 21, 1997 to facilitate comment resolution. It is expected that the approved standards will be published in 12/97.

9.   New Business

9.1   Forwarding

John Scheible moved and Kelly Tenuta seconded that SSA-S3P, project 1051D, revision 3 as modified be forwarded to X3T10 for letter ballot and further processing.

John Scheible moved and Kelly Tenuta seconded that SSA-TL2, project 1147D, revision 3 as modified be forwarded to X3T10 for letter ballot and further processing.

John Scheible moved and Kelly Tenuta seconded that SSA-PH2, project 1146D, revision 3a as modified be forwarded to X3T10 for letter ballot and further processing.

In the absence of objection the three motions were taken as a single role call vote:

	Member	Organization		Forwarding PH2	Forwarding TL2	Forwarding S3P
1	Lawrence Lamers	Adaptec	P	Yes	Yes	Yes
2	Charles Brill	AMP, Inc.	P	Yes*	Yes*	Yes*
	Bob Atkinson		A			
3	Michael Wingard	Amphenol Interconnect Products	P	Yes*	Yes*	Yes*
	Bill Mable		A			
4	Bill Ham	Digital Equipment Corp.	P	did not vote	did not vote	did not vote
	Charles Monia		A			
5	John Scheible	IBM Corporation	P	Yes	Yes	Yes
	Adge Hawes		A			
	Daniel Tsai		A#			
6	Wolfgang Drichelt	ITT Cannon	P	Yes	Yes	Yes
7	Chuck Grant	Madison Cable	P	Yes*	Yes*	Yes*
	Brian Morissette		A			
	Robert Bellino		A#			
8	Kelly Tenuta	Molex, Inc.	P	Yes	Yes	Yes
	Gary Manchester	.	A			
9	Mark DeWilde	Pathlight Technology	P			
	Said Rahmani		A			
	Hank Watson		D	Yes	Yes	Yes
10	David Deming	Solution Technology	P	Yes	Yes	Yes
	Greg Alvey		A			
11	Brad Kitson	VLSI Technology, Inc.	P	Yes	No	Yes
12	Neil Edmunds	Xyratex	P	Yes	Yes	Yes
	Herb Silverman		A			

P - Principal
A - Alternate
A# - Additional Alternate
D - Designated Alternate, recorded as visitor in meeting attendance list.
* - written vote, member not in attendance.

The PH2 motion to forward carried 11:0:0:1.
The PH2 motion to forward carried 10:1:0:1.
The S3P motion to forward carried 11:0:0:1.

Brad Kitson stated his reason for voting no on TL2 is: "VLSI disagrees with the specification of the extended distance option. The specification requires a new link reset frame format. A new link reset frame format should include the unique id."

9.2   Change of Meeting Schedule

Neil Edmunds moved and Wolfgang Drichelt that X3T10.1 arrange their meeting schedule to co-locate meetings with X3T11 beginning in June, 1997. The motion carried 11:0:0:1.

10.   Liaison Reports

10.1   SSA Industry Association

Neil Edmunds reported that Comdex plans are coming along nicely. Hank Watson, president of the SSA-Industry Association congratulated the task group on meeting is objective of forwarding the working drafts for second generation SSA.

10.2   SFF Industry Group

No report.

11.   Review of Action Items

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

12.   Meeting Schedule

The next plenary meeting of X3T10.1 will be February 26, 1997, in Austin, TX at the Doubletree on I-35 North, phone: (512) 454-3737,   fax: (512) 454-6915 hosted by IBM. The meeting will begin at 3:00 p.m.

Please note that changes to this schedule may occur. All changes to meeting dates, locations, and agendas will be posted to the X3T10-SSA reflector.

12.1   Meeting Map

The meeting map for the next meeting week is:

February '97 Meeting Map

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Monday       9    10    11    12    1    2    3    4    5    6    7    8
             +================+================+============+
             | X3T10.1 Working Group                       |      (30)
             +================+================+============+

Tuesday      9    10    11    12    1    2    3    4    5    6    7    8
             +================+================+============+
             | X3T10.1 Working Group                       |      (30)
             +================+================+============+

Wednesday    9    10    11    12    1    2    3    4    5    6    7    8
             +================+================+============+
             | X3T10.1 Working Group        | X3T10.1 Plenary        |      (30)
             +================+================+============+
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Meetings marked with == are X3T10.1-authorized meetings.

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 X3T10.1 (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 X3T10.1.

In the absence of any objection, X3T10.1 authorized the following meetings:
    X3T10.1 Working Group, February 24-26, 1997 in Austin, TX starting at 9:00am
    X3T10.1 Working Group, February 5, 1997in San Jose, CA.
    X3T10.1 Editing Session (if needed)

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

13.   Adjournment

The meeting was adjourned at 4:30 p.m. on Wednesday, October 30, 1996.

Meeting Attendees -- Enclosure (1)

Lawrence Lamers	Adaptec	408-957-7817	ljlamers@aol.com
Adge Hawes	IBM Corporation	011-44-1705-486363	adge@uk.ibm.com
John Scheible	IBM Corporation	512-823-8208	scheible@vnet.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
Kelly Tenuta	Molex, Inc.	708-527-4043	ktenuta@molex.com
Hank Watson	Pathlight Technology	607-266-4000 x 202	jhw@pathlight.com
David Deming	Solution Technology	408-338-4285	ddeming@scruznet.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
Edward Carmona	Zitel Corp.	510-44-9600	ecarmona@zitel.com

X3T10.1 Membership, Principals, Alternates & Observers - Enclosure (2)

Lawrence Lamers	Adaptec	408-957-7817	ljlamers@aol.com
Bob Atkinson	AMP, Inc	717-780-4274	rdatkins@amp.com
Charles Brill	AMP, Inc	717-592-6198	cebrill@amp.com
Bill Mable	Amphenol Interconnect	607-786-4236	
Michael Wingard	Amphenol Interconnect	607-786-4241	mikwingard@aol.com
Bill Ham	Digital Equipment Corp.	508-841-2629	ham@subsys.enet.dec.com
Charles Monia	Digital Equipment Corp.	508-841-6757	monia@shr.dec.com
Adge Hawes	IBM Corporation	011-44-1705-486363	adge@uk.ibm.com
John Scheible	IBM Corporation	512-823-8208	scheible@vnet.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
Robert Bellino	Madison Cable	508-752-2884 x730	robert_bellino@madisonusa.ccmail.compuserve.com
Chuck Grant	Madison Cable	508-752-2884 x725	brian_morissette@madisonusa.ccmail.compuserve.com
Brian Morissette	Madison Cable	508-752-2884 x214	
Gary Manchester	Molex, Inc.	708-527-4043	gmanchester@usa.molex.com
Kelly Tenuta	Molex, Inc.	708-527-4043	ktenuta@molex.com
Mark DeWilde	Pathlight Technology	607-266-4000	mark@pathlight.com
Said Rahmani	Pathlight Technology	607-226-4000	saidr@pathlight.com
Greg Alvey	Solution Technology	408-338-4285	
David Deming	Solution Technology	408-338-4285	ddeming@scruznet.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

X3T10.1 1996 Document Register - Enclosure (3)

X3T10.1/95a133R1	SCSI Status SMS Enhancement	J. Scheible
X3T10.1/95a150R1	Rename ACA terminology proposal	J. Scheible
X3T10.1/95a175R1	Buffer Threshold in 20/40 MByte Webs Proposal	G. Kapraun
X3T10.1/95a178R2	Physical Layer modifications for SSA-40	L. Lamers
X3T10.1/95a197R1	High Speed Serial Data Connector (HSSDC) Alternative	L. Huff
X3T10.1/95a201R3	Extend the Queue Full mechanism to handle BUSY and RESERVATION CONFLICT	C. Monia
X3T10.1/95a204R1	Restrict all transfers between a given initiator and target to a single path	C. Monia
X3T10.1/95a207R1	Minutes of SSA Working Group - 10/95	Lamers/Hallam
X3T10.1/95a210R3	Interlocked Election of Master Process - Simplified Version	M. DeWilde
X3T10.1/95a222R0	Non Master Capable Configutors	A. Dailey
X3T10.1/95a223R0	SMS Support for Speed Negotiation	A. Dailey
X3T10.1/95a224R1	Comments on SSA-TL1 rev 8	J. Scheible
X3T10.1/95a225R1	SSA Speed Negotiation	G. Kapraun
X3T10.1/95a225R2	SSA Speed Negotiation	G. Kapraun
X3T10.1/95a226R0	SAT Algorithm Extension for Switches	M. DeWilde
X3T10.1/95a227R0	TL1 support for SAT Regions	M. DeWilde
X3T10.1/95a227R2	TL1 support for SAT Regions	M. DeWilde
X3T10.1/95a228R0	Minutes of SSA Working Group - 12/95	Lamers/Hallam
X3T10.1/95a229R0	Additional QUERY PORT REPLY data	E. Carmona
X3T10.1/95a230R0	Minutes of X3T10.1 Plenary Meeting #13 - 12/95	Lamers/Hallam
X3T10.1/95a231R0	Report on PH1 Issues	B. Ham
X3T10.1/96a101R0	Minutes of SSA 2nd Generation Working Group - 1/96	Ham/Lamers
X3T10.1/96a102R0	Effects of Mis-Termination	B. Ham
X3T10.1/96a103R0	Effects of Capacitance on Signals	D. Instone
X3T10.1/96a104R0	Source Termination Options	P. Murfet
X3T10.1/96a105R0	Alternatives for Source Termination	C. Parker
X3T10.1/96a106R0	Test Results on SSA-40	Cordey-Gale
X3T10.1/96a107R0	RSN field in Link Status Byte	I. Judd
X3T10.1/96a108R0	Eye patterns for SSA External Cable Assemblies	L. Huff
X3T10.1/96a109R0	SSA TDR Measurements	D. Instone
X3T10.1/96a110R0	Discard & Queue Async Alert	J. Scheible
X3T10.1/96a110R1	Discard & Queue Async Alert	J. Scheible
X3T10.1/96a111R0	2nd Genertation Documents	j. Sceible
X3T10.1/96a111R2	2nd Genertation Documents	J. Scheible
X3T10.1/96a113R0	Simple 40/20 Speed Negotion	J. Scheible
X3T10.1/96a113R3	Simple 40/20 Speed Negotion	J. Scheible
X3T10.1/96a114R0	ANSI Style guidelines.	J. Scheible
X3T10.1/96a115R0	Editorial comments on SSA-TL1 rev 9	J. Scheible
X3T10.1/96a115R1	Editorial comments on SSA-TL1 rev 9	J. Scheible
X3T10.1/96a116R1	SSA-PH1 Letter Ballot Comment Resolution	J. Scheible
X3T10.1/96a117R2	SSA-TL1 Letter Ballot Comment Resolution	J. Scheible
X3T10.1/96a118R1	SSA-S2P Letter Ballot Comment Resolution	J. Scheible
X3T10.1/96a120R0	Minutes of X3T10.1 Working Group - 2/26-28/96	L. Lamers
X3T10.1/96a121R0	Async Alert Queue Depth	J. Scheible
X3T10.1/96a122R0	Minutes of X3T10.1 Plenary Meeting #14 - 2/96	L. Lamers
X3T10.1/96a123R0	Impedance Measurements of micro-D Connector	W. Drichelt
X3T10.1/96a125R0	Phy Functional Test Report	V. Pecone

X3T10.1/96a126R0	Annex G revision for PH1	B. Ham
X3T10.1/96a127R2	Device Services Interface	A. Hawes
X3T10.1/96a128R0	Schedule for 2nd Generation SSA	J. Scheible
X3T10.1/96a129R0	Presentation on TCP/IP Work in Progress	M. DeWilde
X3T10.1/96a130R0	Minutes of X3T10.1 Working Group - April '96	L. Lamers
X3T10.1/96a131R0	Status Verifciation	J. Scheible
X3T10.1/96a132R0	Minutes of X3T10.1 Plenary Meeting #15 - 4/96	L. Lamers
X3T10.1/96a133R0	Hot Swap Issues for Tape Devices	C. Monia
X3T10.1/96a134R0	Opportunities for XOR on SSA	A. Hawes
X3T10.1/96a134R1	Third Party Data Transfers	A. Hawes
X3T10.1/96a135R0	Comparison of termination methods for SSA40	P. Murfet
X3T10.1/96a136R0	S3P Services Model	J. Scheible
X3T10.1/96a136R2	S3P Services Model	J. Scheible
X3T10.1/96a137R0	Termination schemes for PH2	P. Murfet
X3T10.1/96a138R0	MDSM Transfer Imepedance Results	W. King
X3T10.1/96a139R0	Presentation to Tape Folks	J. Scheible
X3T10.1/96a140R2	Third Party Support proposal for S3P	J. Scheible
X3T10.1/96a141R1	Entend Buffer Full condition to BUSY	J. Scheible
X3T10.1/96a142R1	SSA-PH2 changes proposal	J. Scheible
X3T10.1/96a142R5	SSA-PH2 changes proposal	J. Scheible
X3T10.1/96a143R0	Resurrection of Longer full speed Link proposal	M. DeWilde
X3T10.1/96a144R0	Notification of Change in ULPs supported	M. DeWilde
X3T10.1/96a145R1	TL2 Configutor Table Management Support	M. DeWilde
X3T10.1/96a145R3	TL2 Configutor Table Management Support	M. DeWilde
X3T10.1/96a146R1	Changes to TL2 Rev 1	J. Scheible
X3T10.1/96a147R1	Minutes of Working Group - 6/96	L. Lamers
X3T10.1/96a148R1	Minutes of X3T10.1 Plenary Meeting #16 - 6/96	L. Lamers
X3T10.1/96a149R0	Jitter Nulling	D. Instone
X3T10.1/96a150R1	Read-Modify-Write Support in TL2	A. Hawes
X3T10.1/96a151R0	MDSM High Frequency Characteristics	W. Pfitzenreiter
X3T10.1/96a152R0	SSA Optical Converter	V. Melendy
X3T10.1/96a153R0	Analysis of Termination	P. Murfet
X3T10.1/96a154R0	Clarification of absolute and total reset use and effects	M. DeWilde
X3T10.1/96a155R0	Comments on TL2 and S3P	M. DeWilde
X3T10.1/96a156R0	Minutes of Working Group Meeting - 8/96	L. Lamers
X3T10.1/96a157R0	Minutes of X3T10.1 Plenary Meeting #17 - 8/96	L. Lamers
X3T10.1/96a158R0	Test Environment for Port Connection Segments	D. Instone
X3T10.1/96a159R0	SSA-S3P changes for SSA validation	J. Scheible
X3T10.1/96a160R0	Limited SMS handling for switches proposal	J. Scheible
X3T10.1/96a161R2	AER reporting between ULP and TL2 layers	J. Scheible
X3T10.1/96a162R0	Tape Requirements and Issues	G. Krembs
X3T10.1/96a163R1	Change format of Configator Table	J. Scheible
X3T10.1/96a164R0	Protecting against fast Break/Make in a Web proposal	J. Scheible
X3T10.1/96a165R0	Changes to SSA-PH2 rev 3	J. Scheible
X3T10.1/96a166R0	Optical links in PCC Annex	M. DeWilde
X3T10.1/96a167R0	Minutes of SSA-PH2 Study group, 9/24-9/26 in Boston, MA	J. Scheible
X3T10.1/96a168R0	Clarification of Resets	N. Apperly
X3T10.1/96a169R0	Changes to SSA-PH2 rev 3a proposal	J. Scheible
X3T10.1/96a170R0	Minutes of X3T10.1 Working Group - 10/96	L. Lamers

X3T10.1/96a171R1 h	Minutes of X3T10.1 Plenary Meeting #18 - 10/96	L. Lamers
X3T10.1/96a172R0	Simplification of Extended Distance Option	A. Hawes