

Accredited Standards Committee*
X3, Information Technology

Doc. No.: X3T10.1/96a148r1

Date: June 27, 1996

Project:

Ref. Doc.:

Reply to: Lawrence J. Lamers
ljlammers@aol.com

To: Membership of X3T10.1
From: Lawrence Lamers, Chair X3T10.1
Subject: Minutes of X3T10.1 Plenary Meeting #16
St. Petersburg Beach, FL --- June26, 1996

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) [Ham]
 - 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
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

Results of Meeting

1. Opening Remarks

Larry Lamers, the X3T10.1 Chair, called the meeting to order at 3:00 p.m., Wednesday, June 26, 1996. He thanked Chuck Brill of AMP for arranging and hosting the meeting.

Larry 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.

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

As is customary, the people attending introduced themselves and a copy of the attendance list was circulated. Copies of the draft agenda and general information on X3T10.1 were made available to those attending.

2. Approval of Agenda

The draft agenda was approved as shown.

3. Attendance and Membership

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

Organizations must also pay the X3 Service Fee (\$300) to maintain membership.

The Chair said he had sent letters to 11 people from 9 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:

Amphenol
LSI Logic Inc.
Micropolis
Silicon Systems, Inc
Solution Technology
Trimm Technologies

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.

Cirrus Logic has terminated their membership. Madison Cable was reinstated based on an X3 decision they were a separate entity. Samsung had not signed the attendance record but were present at the January meeting so their letter was retracted..

The X3T10.1 membership is now at 13 organizations. Enclosure (1) is the list of the people present at the meeting and enclosure (2) is the current X3T10.1 membership list.

4. Approval of Minutes

Document X3T10.1/96a132r0, minutes of plenary meeting #14 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 1996 mailing subscription fees for mailing address within the USA are: \$470 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, May 15, 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](ftp://ftp.symbios.com), in the directory `/pub/standards/io/X3T10/_incoming/temp`;
- 3) posting to the BBS, 714-574-0424, in area [33 26](#);
- 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.

7. Review of Old Action Items

- 36) John Scheible to generate SSA-PH2 rev 1.
- 37) John Scheible to generate SSA-TL2 rev 1.
- 38) John Scheible to generate SSA-S3P rev 1.

8. Project Status Reports

8.1 SSA Physical Layer 1 (SSA-PH1)

SSA-PH1 rev 9a public review period ends July 10, 1996.

8.2 SSA Transport Layer 1 (SSA-TL1)

SSA-TL1 rev 10 public review period ends July 10, 1996.

8.3 SSA SCSI-2 Protocol (SSA-S2P)

SSA-S2P rev 7 public review period ends July 10, 1996.

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

John Scheible had prepared a proposed working draft. The working group reviewed the document and recommended 96a149r0, and 96a142r0 as modified be included. See 96a147 for details.

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

John Scheible had prepared a proposed working draft. The working group reviewed the document and recommended 96a134r1, 96a144r0, 96a143r0 as modified, and 95a210r3 be included. See 96a147 for details.

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

John Scheible had prepared a proposed working draft. The working reviewed the document and recommended 96a136r1 as modified, 96a140r1 as modified, and 96a141r1 be included. See 96a17 for details.

John Scheible moved and Chuck Brill seconded that the recommendations of the working group be accepted and to direct the technical editor to generate revision 2 of the working drafts. The motion passed unanimously.

8.7 Project Schedule

John and Larry reviewed the project schedule. The target for forwarding the second generation draft standards is October '96 with a technical stability vote in August. All proposals need to be included in the next mailing to be considered for the second generation.

The first generation projects concluded public review in July and in the absence of further public review comments the plan is let them go to publication. The errata will be incorporated in the second generation.

9. New Business

Neil Edmunds requested a gigabit study group be formed to begin evaluation of technology.

10. Liaison Reports

10.1 SSA Industry Association

Neil Edmunds reported that the SSA IA was meeting in Monterey, CA to attend Dataquest.

10.2 SFF Industry Group

No report.

11. Review of Action Items

39) John Scheible to generate SSA-PH2 rev 2.

40) John Scheible to generate SSA-TL2 rev 2.

41) John Scheible to generate SSA-S3P rev 2.

42)

12. Meeting Schedule

The next plenary meeting of X3T10.1 will be August 28, 1996, in Ithaca, NY at the Ramada Inn Airport & Executive Conference Center, hosted by Pathlight. The meeting will begin at 3:00 p.m. on Wednesday.

For reservatons, attendees should Contact Fran Hopkins at Pathlight by any of the following means:

Telephone: 607 266 4000,
 fax: 607 266 4010,
 email: fran@pathlight.com

12.1 Meeting Map

The meeting map for the next SSA week is:

August '96 Meeting Map

Monday	9	10	11	12	1	2	3	4	5	6	7	8		
	+=====+													
		X3T10.1 Working Group											(20)	
	+=====+													
Tuesday	9	10	11	12	1	2	3	4	5	6	7	8		
	+=====+													
		X3T10.1 Working Group											(20)	
	+=====+													
Wednesday	9	10	11	12	1	2	3	4	5	6	7	8		
	+=====+													
		X3T10.1 Working Group							X3T10.1 Plenary					(25)
	+=====+													

Meetings marked with == are X3T10.1-authorized meetings.

12.2 Long term meeting schedule

The long-term SSA week of meetings are scheduled as follows:

- Week of October 28, 1996 in Hawaii, hosted by IBM.
- Week of February 24, 1997 in Austin, TX hosted by IBM.
- Week of June 23, 1997 in Monterey, CA.
- Week of October 27, 1997 in Europe *.
- Week of February 23, 1998 in *.
- Week of June 22, 1998 in *.
- Week of October 26, 1998 *.

* = 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, August 26-28, 1996 in Ithaca, NY starting at 9:00am

X3T10.1 Study Group on Testing for PH2 led by Chris Parker.

X3T10.1 Study Group on Gigabit Data Rates led by Neil Edmunds.

13. Adjournment

The meeting was adjourned at 5:00 p.m. on Wednesday, June 26, 1996.

Meeting Attendees -- Enclosure (1)

Lawrence Lamers	Adaptec	408-957-7817	ljlammers@aol.com
Charles Brill	AMP, Inc	717-592-6198	cebrill@amp.com
Adge Hawes	IBM Corporation	011-44-1705-486363	adge@uk.ibm.com
John Scheible	IBM Corporation	512-823-8208	scheible@vnet.ibm.com
Wolfgang Drichelt	ITT Cannon	49-7151 699 233	101573.2601@compuserve.com
Mark DeWilde	Pathlight Technology	607-266-4000	mark@ironics.com
Neil Edmunds	Xyratex	011-44-1705-486363	neiledmunds@uk.xyratex.com
David E. Instone	Xyratex	01705 486363	dinstone@uk.xyratex.com

X3T10.1 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
Bob Atkinson	AMP, Inc	717-780-4274	rdatkins@amp.com
Charles Brill	AMP, Inc	717-592-6198	cebrill@amp.com
Michael Wingard	Amphenol Interconnect Products	607-786-4241	
Richard Wagner	Cable Design Technologies	508-791-3161	rwagner@mcddt3.iii.net
Ian Morrell	Circuit Assembly Corp	714-855-7887	crctassmbl@aol.com
Ram Gopalan	Cirrus Logic	510-624-7081	gopalan@corp.cirrus.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
Kevin Pokorney	Fujitsu Computer Products of America	303-682-6449	pokorney@intellistor.com
Paul Boulay	Hitachi Computer Products	408-986-9770 x205	p_boulay@hitachi.com
Tom Kulesza	Honda Connectors	708-913-9566	
David McFadden	Honda Connectors	708-913-9566	
Adge Hawes	IBM Corporation	011-44-1705-486363	adge@uk.ibm.com
John Scheible	IBM Corporation	512-823-8208	scheible@vnet.ibm.com
Wolfgang Drichelt	ITT Cannon	49-7151 699 233	101573.2601@compuserve.com
Monica Roy	ITT Cannon	714-757-8472	monicar@mailgw.cannon.itt.com
Karl Nakamura	LSI Logic Inc.	408-433-4516	karln@lsil.com
Robert Bellino	Madison Cable	508-752-2884 x730	robert_bellino@madisonusa.cc
Chuck Grant	Madison Cable	508-752-2884 x725	mail.compuserve.com
Brian Morissette	Madison Cable	508-752-2884 x214	charles_grant@madisonusa.cc
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Greg Farrin	Micropolis	818-709-3463	brian_morissette@madisonusa
Gary Manchester	Molex, Inc.	708-527-4043	.ccmail.compuserve.com
Jay Neer	Molex, Inc.	407-241-9371 x3889	Phil_Bryan@microp.com
Mark DeWilde	Pathlight Technology	607-266-4000	gmanchester@usa.molex.com
Said Rahmani	Pathlight Technology	607-226-4000	jneer@usa.molex.com
Ken Erickson	Samsung	408-232-3641	mark@ironics.com
Chuck Gibson	Samsung	408-232-3613	saidr@pathlight.com
Kazushige Yoshino	Sanyo Electric Co., Ltd.	415-960-8582	kerickso@samsung.com
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Michael Knowles	Tandem Computers	408-285-9957	Rod.Bowman@symbios.com
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Gary M. Watson	Trimm Technologies	702-263-2310	m
Brad Kitson	VLSI Technology, Inc.	408-434-7553	tobias_pete@tandem.com
Sam Sanyal	VLSI Technology, Inc.	408-922-5371	trimm@netcom.com
Neil Edmunds	Xyratex	011-44-1705-486363	brad.kitson@ustc.vlsi.com
Herb Silverman	Xyratex	714-476-1016	sanyal_s@sanjose.vlsi.com
			neiledmunds@uk.xyratex.com
			herb@cerf.net

X3T10.1 1996 Document Register - Enclosure (3)

X3T10.1/95a101R0	E. Grivna	Copyright permission for Cypress Semiconductor documents	SY-95-01
X3T10.1/95a102R0	E. Grivna	Mathematical Analysis of K228.5 Spectral Content	SY-95-01
X3T10.1/95a103R0	J. Scheible	ACA text correction in SSA SCSI-2	SY-95-01
X3T10.1/95a104R0	E. Gardner	Response to letter ballot on SSA SCSI-2 technical report	SY-95-01
X3T10.1/95a105R0	E. Gardner	SSA Deadlock Problem	SY-95-01
X3T10.1/95a106R0	E. Gardner	SSA Clarifications	SY-95-01
X3T10.1/95a107R0	E. Gardner	Report on SSA-PH revision 3 changes	SY-95-01
X3T10.1/95a108R0	Ham/Hallam	Minutes of X3T10.1 Working Group - 1/9/95	SY-95-01
X3T10.1/95a109R0	I. Judd	SSA Higher Data Rates	SY-95-01
X3T10.1/95a110R0	K. Hallam	Minutes of X3T10.1 Plenary Meeting #6 - January '95	SY-95-01
X3T10.1/95a111R0	J. Scheible	Report on Editors Session	SY-95-01
X3T10.1/95a112R0	J. Scheible	Incorrect LUN Handling	SY-95-02
X3T10.1/95a113R0	J. Scheible	Initiator Table Reword	SY-95-02
X3T10.1/95a114R0	J. Scheible	AST and AET in Data Transfer	SY-95-02
X3T10.1/95a115R0	J. Scheible	Transport Services Model	SY-95-02
X3T10.1/95a115R1	J. Scheible	Transport Services Model	SY-95-03
X3T10.1/95a115R2	J. Scheible	Transport Services Model	SY-95-04
X3T10.1/95a116R0	J. Scheible	Enhancements to frame format for SSA-PH (989D rev 3d)	SY-95-02
X3T10.1/95a117R0	J. Scheible	Comments on SSA-PH rev 3d	SY-95-02
X3T10.1/95a118R0	J. Scheible	Streams & Data Transfer SMS	SY-95-02
X3T10.1/95a119R0	I. Judd	Power-on Reset	SY-95-02
X3T10.1/95a120R0	L. Lamers	Project Realignment	SY-95-02
X3T10.1/95a121R0	E. Grivna	Synthesized K28.5 Signal at 400 Mbits/sec	SY-95-02
X3T10.1/95a122R0	G. Kapraun	Extended byte checking for non-zero	SY-95-02
X3T10.1/95a123R0	Lamers/Hallam	Minutes of X3T10.1 Working Group - 3/28-30/95	SY-95-02
X3T10.1/95a124R0	Lamers/Hallam	Minutes of X3T10.1 Plenary Meeting #8 - 3/95	SY-95-02
X3T10.1/95a125R0	E. Carmona	Comments on SSA-TL1 rev 3e	SY-95-02
X3T10.1/95a126R0	J. Scheible	Data Transfer SMSs reword proposal	SY-95-02
X3T10.1/95a127R0	J. Scheible	Async alert handling rewrite	SY-95-02
X3T10.1/95a128R0	J. Scheible	Error handling update proposal	
X3T10.1/95a128R2	J. Scheible	Initiator Error Handling	SY-95-03
X3T10.1/95a129R0	J. Scheible	SAM/S2P Services model proposal	
X3T10.1/95a129R1	J. Scheible	SAM/S2P Services model proposal	SY-95-03
X3T10.1/95a129R2	J. Scheible	SAM/S2P Services model proposal	SY-95-04
X3T10.1/95a130R0	J. Scheible	SSA-S2P rev 1 comments	SY-95-03
X3T10.1/95a131R0	K. Erickson	Configure Port SMS and Alarm Threshold	SY-95-03
X3T10.1/95a132R0	E. Carmona	Deadlock Notes	SY-95-03
X3T10.1/95a133R0	J. Scheible	SCSI Status SMS Enhancement	SY-95-03
X3T10.1/95a133R1	J. Scheible	SCSI Status SMS Enhancement	SY-96a03
X3T10.1/95a134R0	Lamers/Scheible	Project Proposal for SSA-PH1	SY-95-03
X3T10.1/95a135R0	Lamers/Scheible	Project Proposal for SSA-PH2	SY-95-03
X3T10.1/95a136R0	Lamers/Scheible	Project Proposal for SSA-TL1	SY-95-03
X3T10.1/95a137R0	Lamers/Scheible	Project Proposal for SSA-TL2	SY-95-03
X3T10.1/95a138R0	Lamers/Scheible	Project Proposal for SSA-S2P	SY-95-03
X3T10.1/95a139R0	Lamers/Scheible	Project Proposal for SSA-S3P	SY-95-03
X3T10.1/95a140R0	J. Scheible	X3T10.1 Document Schedule for SSA	SY-95-03
X3T10.1/95a141R0	E. Carmona	Proposed Solution to SSA deadlock	
X3T10.1/95a141R1	E. Carmona	Proposed Solution to SSA deadlock	SY-95-03
X3T10.1/95a142R0	E. Carmona	Comments on UIG-95 documents	SY-95-03
X3T10.1/95a143R0	N. Apperly	New Link Connected	
X3T10.1/95a143R1	N. Apperly	New Link Connected	SY-95-03

X3T10.1/95a144R0	Lamers/Hallam	Minutes of X3T10.1 Working Group - 4/24-26/95	SY-95-03
X3T10.1/95a145R0	E. Grivna	Transmission line concerns	SY-95-03
X3T10.1/95a146R0	B. Ham	Connections Recommendations	SY-95-03
X3T10.1/95a147R0	Lamers/Hallam	Minutes of X3T10.1 Plenary Meeting #9 - April '95	SY-95-03
X3T10.1/95a148R0	J. Scheible	Comments on SSA-TL1 rev 5	
X3T10.1/95a148R2	J. Scheible	Comments on SSA-TL1 rev 5	SY-95-04
X3T10.1/95a149R0	J. Scheible	SSA Document geneology	SY-95-04
X3T10.1/95a150R0	J. Scheible	Rename ACA terminology proposal	SY-95-04
X3T10.1/95a151R0	J. Scheible	Comments on SSA-S2P rev 2	SY-95-04
X3T10.1/95a152R0	J. Scheible	How to get Info on SSA	SY-95-04
X3T10.1/95a153R0	N. Apperly	Comments on SSA-TL1 rev 5	SY-95-04
X3T10.1/95a154R0	J. Scheible	Response to Apperly on SSA-SP2	SY-95-04
X3T10.1/95a155R0	G. Kapraun	Clarification of Line Faults	SY-95-04
X3T10.1/95a156R0	D. Deming	Document Concerns	SY-95-04
X3T10.1/95a157R0	R. Stauch	Internal Connector Proposal #1	SY-95-04
X3T10.1/95a158R0	R. Stauch	Internal Connector Proposal #2	SY-95-04
X3T10.1/95a159R0	R. Stauch	Internal Connector Proposal #3	SY-95-04
X3T10.1/95a160R0	R. Stauch	Internal Connector Presentation	SY-95-04
X3T10.1/95a161R0	B. Ham	SSA-PH1 Wording changes	SY-95-04
X3T10.1/95a162R0	Lamers/Hallam	Minutes of X3T10.1 Working Group - 6/26-28/95	SY-95-04
X3T10.1/95a163R0	J. Lohmeyer	Letter Ballot Results and Comments	SY-95-04
X3T10.1/95a164R0	J. Scheible	Out of Sync Async Reply Proposal	SY-95-04
X3T10.1/95a165R0	G. Kapraun	Channel Frame Reject Change Proposal	
X3T10.1/95a165R1	G. Kapraun	Channel Frame Reject Change Proposal	SY-95-04
X3T10.1/95a166R0	J. Scheible	Port Table proposal	
X3T10.1/95a166R1	J. Scheible	Port Table proposal	SY-95-04
X3T10.1/95a167R0	Lamers/Hallam	Minutes of X3T10.1 Plenary Meeting #10 - June '95	SY-95-04
X3T10.1/95a168R0	J. Scheible	SAT Rework Proposal	SY-95-04
X3T10.1/95a168R5	J. Scheible	SAT Rework Proposal	SY-95-05
X3T10.1/95a169R0	D. Bouvier	SSA Solid State Resiliency Circuit	SY-95-04
X3T10.1/95a170R0	Murfet/Mason	SSA 40 MB Proposal	SY-95-04
X3T10.1/95a171R3	J. Scheible	Comments on SSA-TL1 rev 6	SY-95-05
X3T10.1/95a172R1	J. Scheible	Mode Page Clarifications for S2P	SY-95-05
X3T10.1/95a173R3	J. Scheible	Comments on S2P rev 3	SY-95-05
X3T10.1/95a174R1	G. Kapraun	Clarification of 'Frame Less Than 6' Protocol Error Proposal	SY-95-05
X3T10.1/95a175R0	G. Kapraun	Buffer Threshold in 20/40 MByte Webs Proposal	SY-95-05
X3T10.1/95a175R1	G. Kapraun	Buffer Threshold in 20/40 MByte Webs Proposal	SY-96a02
X3T10.1/95a176R0	E. Carmona	SSA Port Speed Reporting	SY-95-05
X3T10.1/95a177R3	B. Ham	proposed working draft for SSA-PH1revision 5b	
X3T10.1/95a177R4	B. Ham	proposed working draft for SSA-PH1revision 6a	sy-95-05
X3T10.1/95a178R1	L. Lamers	Physical Layer modifications for SSA-40	SY-95-05
X3T10.1/95a178R2	L. Lamers	Physical Layer modifications for SSA-40	SY-96a01
X3T10.1/95a179R0	L. Lamers	Transport Layer modifications for SSA-40	SY-95-05
X3T10.1/95a179R1	L. Lamers	Transport Layer modifications for SSA-40	SY-95A06
X3T10.1/95a180R0	L. Lamers	Proposal for Mode Bits	SY-95-05
X3T10.1/95a181R0	L. Lamers	Proposal to Remove 8-byte Boundaries	SY-95-05
X3T10.1/95a182R1	L. Lamers	Proposal for QUERY SWITCH SMS	SY-95-05
X3T10.1/95a182R4	L. Lamers	Proposal for QUERY SWITCH SMS	
X3T10.1/95a182R5	L. Lamers	Proposal for QUERY SWITCH SMS	SY-95A06
X3T10.1/95a183R0	L. Lamers	Proposal to fix the length of QUERY PROTOCOL REPLY	SY-95-05
X3T10.1/95a183R1	L. Lamers	Proposal to fix the length of QUERY PROTOCOL REPLY	SY-95A06
X3T10.1/95a184R0	L. Lamers	Proposal for an OPERATION COMPLETE	SY-95-05
X3T10.1/95a185R1	J. Scheible	Zero Fill SMS	SY-95-05

X3T10.1/95a186R1	E. Caroma	Exiting Wrap Mode Considerations	SY-95-05
X3T10.1/95a187R0	J. Scheible	Alternate Pathing in S2P	SY-95-05
X3T10.1/95a188R0	Lamers/Hallam	Minutes of X3T10.1 Working Group - 8/28-30/95	SY-95-05
X3T10.1/95a189R0	Lamers/Hallam	Minutes of X3T10.1 Plenary Meeting #11 - August '95	SY-95-05
X3T10.1/95a190R0	P. Petersen	Precharging Proposal	SY-95-05
X3T10.1/95a190R1	P. Petersen	Precharging Proposal	SY-95A06
X3T10.1/95a191R0	M. DeWilde	Minimum ESD Tolerance Spec for SSA-PH1	SY-95-05
X3T10.1/95a192R0	M. DeWilde	Potential Live-Lock in SSA higher speeds	SY-95-05
X3T10.1/95a193R0	M. DeWilde	SSA Port Speed Negotiation alternate Proposal	SY-95-05
X3T10.1/95a194R0	J. Scheible	Assumptions made in SSA-TL1 rev 7	SY-95-05
X3T10.1/95a194R2	J. Scheible	Assumptions made in SSA-TL1 rev 7	SY-95A06
X3T10.1/95a195R0	J. Scheible	Link Reset Handler process	SY-95-05
X3T10.1/95a195R1	J. Scheible	Link Reset Handler process	
X3T10.1/95a195R2	J. Scheible	Link Reset Handler process	SY-95A06
X3T10.1/95a196R0	P. Petersen	SFF-8342 SSA 3.5-inch Form Factor Connector Location	SY-95-05
X3T10.1/95a197R0	C. Brill	High Speed Serial Data Connector	SY-95-05
X3T10.1/95a197R1	L. Huff	High Speed Serial Data Connector (HSSDC) Alternative	SY-96a02
X3T10.1/95a198R0	L. Lamers	Configuration Process	
X3T10.1/95a198R2	L. Lamers	Configuration Process	SY-95A06
X3T10.1/95a199R0	J. Scheible	Proposal for Healthy Web	
X3T10.1/95a199R1	J. Scheible	Proposal for Healthy Web	SY-95A06
X3T10.1/95a200R0	J. Scheible	Comments on S2P rev 4a	
X3T10.1/95a200R1	J. Scheible	Comments on S2P rev 4a	SY-95A06
X3T10.1/95a201R0	C. Monia	Extend the Queue Full mechanism to handle BUSY and RESERVATION CONFLICT	SY-95A06
X3T10.1/95a201R3	C. Monia	Extend the Queue Full mechanism to handle BUSY and RESERVATION CONFLICT	SY-96A01
X3T10.1/95a202R0	C. Monia	Allow a TL 1 initiator to perform SCSI target operations	SY-95A06
X3T10.1/95a203R0	C. Monia	Define procedures for interlocked protocol emulation	SY-95A06
X3T10.1/95a204R0	C. Monia	Restrict all transfers between a given initiator and target to a single path	SY-95A06
X3T10.1/95a204R1	C. Monia	Restrict all transfers between a given initiator and target to a single path	SY-96A01
X3T10.1/95a205R0	C. Monia	Extend the definition of a path to include the sender and receiver ports	SY-95A06
X3T10.1/95a206R0	C. Monia	Overview of Proposed Approach to S2P Hot Swap and Fault Recovery	SY-95A06
X3T10.1/95a207R0	Lamers/Hallam	Minutes of SSA Working Group - 10/95	SY-95A06
X3T10.1/95a207R1	Lamers/Hallam	Minutes of SSA Working Group - 10/95	SY-96A01
X3T10.1/95a208R0	M. DeWilde	Proposal on Unique ID	
X3T10.1/95a208R1	M. DeWilde	Proposal for Master Alert	SY-95A06
X3T10.1/95a209R0	M. DeWilde	Proposal on Verify Initiator Table	SY-95A06
X3T10.1/95a210R0	M. DeWilde	Interlocked Election of Master Process, Rev 3, SIMPLIFIED VERSION	
X3T10.1/95a210R1	M. DeWilde	Proposal Interlocked election of Master	
X3T10.1/95a210R2	M. DeWilde	Proposal Interlocked election of Master	SY-95A06
X3T10.1/95a210R3	M. DeWilde	Interlocked Election of Master Process - Simplified Version	SY-96a04
X3T10.1/95a211R0	M. DeWilde	Proposal on Un-registering Initiators	SY-95A06
X3T10.1/95a212R0	M. DeWilde	Proposal on Re-pathing Support	SY-95A06
X3T10.1/95a213R0	M. DeWilde	Proposal on Async Alerts & S2P	SY-95A06
X3T10.1/95a214R0	I. Judd	Speed Negotiation	SY-95A06
X3T10.1/95a215R0	Lamers/Hallam	Minutes of X3T10.1 Plenary Meeting #12	SY-95A06

X3T10.1/95a216R0	J. Scheible	Status of SSA-2	SY-95A06
X3T10.1/95a217R0	G. Kapraun	SSA Electrical Study Group Minutes - 9/25/95	SY-95A06
X3T10.1/95a218R1	A. Dailey	Corrections for Configuration Process	SY-95A06
X3T10.1/95a219R0	A. Dailey	Determining target status of initiators	SY-95A06
X3T10.1/95a220R1	A. Dailey	Query Port Reply Clarification	SY-95a06
X3T10.1/95a221R0	A. Dailey	Clarification of returned ULP	SY-95A06
X3T10.1/95a222R0	A. Dailey	Non Master Capable Configutors	SY-96A01
X3T10.1/95a223R0	A. Dailey	SMS Support for Speed Negotiation	SY-96A01
X3T10.1/95a224R0	J. Scheible	Comments on SSA-TL1 rev 8	
X3T10.1/95a224R1	J. Scheible	Comments on SSA-TL1 rev 8	SY-96A01
X3T10.1/95a225R1	G. Kapraun	SSA Speed Negotiation	SY-96A01
X3T10.1/95a225R2	G. Kapraun	SSA Speed Negotiation	SY-96A02
X3T10.1/95a226R0	M. DeWilde	SAT Algorithm Extension for Switches	SY-96A01
X3T10.1/95a227R0	M. DeWilde	TL1 support for SAT Regions	SY-96A01
X3T10.1/95a227R2	M. DeWilde	TL1 support for SAT Regions	SY-96A03
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X3T10.1/95a229R0	E. Carmona	Additional QUERY PORT REPLY data	SY-96A01
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X3T10.1/96a101R0	Ham/Lamers	Minutes of SSA 2nd Generation Working Group - 1/96	SY-96A01
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X3T10.1/96a111R0	j. Sceible	2nd Genertation Documents	SY-96A01
X3T10.1/96a111R2	J. Scheible	2nd Genertation Documents	SY-96A02
X3T10.1/96a112R0	C. Parker	Progressive Speed Negotion	
X3T10.1/96a113R0	J. Scheible	Simple 40/20 Speed Negotion	SY-96A01
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X3T10.1/96a114R0	J. Scheible	ANSI Style guidelines.	SY-96A03
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X3T10.1/96a116R1	J. Scheible	SSA-PH1 Letter Ballot Comment Resolution	SY-96A02
X3T10.1/96a117R2	J. Scheible	SSA-TL1 Letter Ballot Comment Resolution	SY-96A02
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X3T10.1/96a119R0	A. Hawes	Extensions to Simple Speed Negotiation	SY-96A04
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