

Accredited Standards Committee*
InterNational Committee for Information Technology Standards (INCITS)

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Date: May 4, 2004

Reply to: John Lohmeyer

To: T10 Membership
From: Ralph Weber and John Lohmeyer
Subject: SAS Protocol WG -- May 3, 2004
Seaside, CA

Agenda

1. Opening Remarks
2. Approval of Agenda
3. Attendance and Membership
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 - 4.2 SAS-1.1, protocol for changing driver amplitude (03-285) [Evans]
 - 4.3 SAS-1.1: Close Port Selector Detection Gap (04-029) [Sheffield]
 - 4.4 SAS 1.1 UML Corrections (04-042) [Penokie]
5. New Business
 - 5.1 SAS-1.1: Fix SP Hang States (04-030) [Sheffield]
 - 5.2 SAS-1.1 Miscellaneous changes (04-115) [Elliott]
 - 5.3 SAS-1.1, ST_T (transport layer for SSP target ports) state machines (04-137) [Evans]
6. Review of Recommendations
7. Meeting Schedule
8. Adjournment

Results of Meeting

1. Opening Remarks

John Lohmeyer called the meeting to order at 9:00 a.m. Monday, May 3, 2004. He thanked Bob Snively of Brocade for hosting the meeting. As usual, the people present introduced themselves.

2. Approval of Agenda

The draft agenda was approved with no changes.

No items were added or revised during the course of the meeting.

3. Attendance and Membership

Attendance at working group meetings does not count toward minimum attendance requirements for T10 membership. Working group meetings are open to any person or organization directly and materially affected by T10's scope of work. The following people attended the meeting:

*Operating under the procedures of The American National Standards Institute.
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Name	S	Organization	Electronic Mail Address
Ms. Pat Thaler	P	Agilent Technologies	pat_thaler at agilent dot com
Mr. Henry Wong	V	Agilent Technologies	henry_wong2 at agilent dot com
Mr. Gunter Knestele	V	CERTANCE	Gunter dot Knestele at certance dot com
Mr. Dexter Anderson	P	Crossroads Systems, Inc.	danderson at crossroads dot com
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Mr. Kevin Butt	V	IBM Corp.	kdbutt at us dot ibm dot com
Mr. Robert Sheffield	P	Intel Corp.	robert dot l dot sheffield at intel dot com
Mr. Brian Day	V	LSI Logic Corp.	brian dot day at lsil dot com
Mr. Tim Hوجلund	V	LSI Logic Corp.	tim dot hoglund at lsil dot com
Mr. Steve Johnson	V	LSI Logic Corp.	sjohnson at lsil dot com
Mr. John Lohmeyer	P	LSI Logic Corp.	lohmeier at t10 dot org
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Mr. Mark Miquelon	AV	Vitesse Semiconductor	miquelon at vitesse dot com

28 People Present

Status Key: P - Principal
A,A# - Alternate
AV - Advisory Member
L - Liaison
V - Visitor

4. Old Business

4.1 SAS 1.1, adding the Terminate Data Transfer protocol service (03-245) [Evans]

Mark Evans requested that discussion of this topic be deferred to the next meeting.

4.2 SAS-1.1, protocol for changing driver amplitude (03-285) [Evans]

Mark Evans requested that discussion of this topic be deferred to the next meeting.

4.3 SAS-1.1: Close Port Selector Detection Gap (04-029) [Sheffield]

Bob Sheffield presented a proposal to use a new BROADCAST(CHANGE) primitive to interlock handling of port selectors and a new LINK RATE NOT NEGOTIATED value for the NEGOTIATED PHYSICAL LINK RATE field in the DISCOVER Response to establish positive reporting of port selector presence.

Concerns were raised about definition of the proposed 4h negotiated physical link rate code value. The balance between dealing with normal link rate negotiations and the requirements for supporting the inactive side of a port selector required careful consideration of the definition.

Bob agreed to prepare a new revision of the proposal for consideration at the next meeting.

4.4 SAS 1.1 UML Corrections (04-042) [Penokie]

Due to the late hour, George Penokie requested that discussion of this topic be deferred to the next meeting.

5. New Business

5.1 SAS-1.1: Fix SP Hang States (04-030) [Sheffield]

Bob Sheffield presented a proposal to clearly identify SP state diagram transitions to COMINIT (04-030r1). The group requested several substantial changes and Bob agreed to prepare a new revision for consideration at the next meeting.

5.2 SAS-1.1 Miscellaneous changes (04-115) [Elliott]

Rob Elliott led the group in a review of several unrelated changes (04-115r1). The group requested numerous changes and Rob agreed to prepare a new revision for consideration at the next meeting.

5.3 SAS-1.1, ST_T (transport layer for SSP target ports) state machines (04-137) [Evans]

Due to the late hour, Mark Evans requested that discussion of this topic be deferred to the next meeting.

6. Review of Recommendations

The following documents were recommended for inclusion in SAS-1.1 during this meeting:

For inclusion in SAS-1.1: None

7. Meeting Schedule

A SAS Protocol Working Group meeting is scheduled for:

Monday, July 12, 2004 commencing at 9:00 a.m. in Colorado Springs, CO at the Doubletree World Arena Hotel (719-576-8900), hosted by LSI Logic.

The group discussed holding a teleconference on June 3rd, with details to be arranged during the T10 Plenary meeting.

Additional teleconference calls may be announced on the T10 reflector as needed.

8. Adjournment

The meeting was adjourned at 8:30 p.m. on Monday May 3, 2004.