

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

Doc. No.: T10/02-311r0

Date: August 16, 2002

Reply to: John Lohmeyer

To: T10 Membership
From: John Lohmeyer
Subject: SAS Protocol Teleconference -- August 13, 2002

Agenda

1. Opening Remarks
2. Approval of Agenda
3. Attendance and Membership
4. Old Business
 - 4.1 SAS Working Draft Review [Elliott]
 - 4.2 SAS Port Control State Diagram Update (02-202) [Worden]
 - 4.3 SAS COMMAND ID Removal (02-259) [Day]
 - 4.4 Initiator based discovery and configuration of the SAS topology, proposal (02-279) [Fairchild]
 - 4.5 Arbitration clarification (02-222) [Galloway]
 - 4.6 SAS SSP target transport layer state machines (02-287) [Evans]
 - 4.7 LED driver [Lohmeyer]
5. New Business
 - 5.1 SAS - OOB and DWS state machines update (02-300) [Grieff]
 - 5.2 SAS Combined Request-Configuration List (02-276) [Worden]
 - 5.3 Additional R-RDY primitives [Penokie]
 - 5.4 Rate Change Delay in speed negotiation window [Grieff]
6. Review of Recommendations to the Plenary
7. Meeting Schedule
8. Adjournment

Results of Meeting

1. Opening Remarks

John Lohmeyer called the meeting to order at 9:00 a.m., Tuesday, August 13, 2002.

2. Approval of Agenda

The draft agenda was approved with the following changes:

none

The following items were added/revised during the course of the meeting:

none

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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:

Name	S	Organization	Electronic Mail Address
Mr. Jim Reif	V	Hewlett Packard Co.	jim.reif@hp.com
Mr. Jeff Carlson	V	Hewlett Packard Co.	jeff.carlson@hp.com
Mr. George O. Penokie	P	IBM / Tivoli Systems	gop@us.ibm.com
Mr. Pak Seto	V	Intel	pak-lung.seto@intel.com
Mr. John Lohmeyer	P	LSI Logic Corp.	lohmeier@t10.org
Mr. Brian Day	V	LSI Logic Corp.	brian.day@lsil.com
Mr. Steve Byan	V	Maxtor Corp.	stephen_byan@maxtor.com
Mr. Ting Li Chan	V	QLogic Corp.	ting.chan@qlogic.com
Mr. John Worden	V	Seagate Technology	john.worden@seagate.com

9 People Present

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

4. Old Business

4.1 SAS Working Draft Review [Elliott]

In the absence of Rob Elliott, this topic was deferred.

4.2 SAS Port Control State Diagram Update (02-202) [Worden]

John Worden asked that this item be deferred.

4.3 SAS COMMAND ID Removal (02-259) [Day]

Brian Day presented 02-259r1 and described the changes from rev 1, which affect item C. It was noted that the recently-added QUERY TASK task management function enables this alternative to the COMMAND ID.

4.4 Initiator based discovery and configuration of the SAS topology, proposal (02-279) [Fairchild]

Steve Fairchild was unable to attend the call and, by email, asked that this item be deferred.

4.5 Arbitration clarification (02-222) [Galloway]

In the absence of Bill Galloway, this item was deferred.

4.6 SAS SSP target transport layer state machines (02-287) [Evans]

In the absence of Mark Evans this item was deferred.

4.7 LED driver [Lohmeyer]

John Lohmeyer noted that the SAS Physical working group is now pursuing a direction of just one LED driver strength of approximately 15 mA. So there is no longer a need to find 2 bits to control the LED driver strength. This agenda item will be dropped.

5. New Business

5.1 SAS - OOB and DWS state machines update (02-300) [Grieff]

In the absence of Tom Grieff, this item was deferred.

5.2 SAS Combined Request-Configuration List (02-276) [Worden]

John Worden asked that this item be deferred.

5.3 Additional R-RDY primitives [Penokie]

George Penokie said that SAS does not have this problem and asked that this item be dropped.

5.4 Rate Change Delay in speed negotiation window [Grieff]

In the absence of Tom Grieff, this item was deferred.

6. Review of Recommendations to the Plenary

John Lohmeyer noted that the following recommendations have been made to the T10 plenary:

none

7. Meeting Schedule

SAS Protocol Working Group meetings are scheduled for:

Wednesday-Friday, August 21-23, 2002 commencing at 9:00 am on Wednesday and ending at noon on Friday in Shrewsbury, MA at Maxtor. Host contact: Mark Evans.

Monday-Tuesday, September 9-10, 2002 commencing at 1:00 p.m. on Monday and ending at 5:00 p.m. on Tuesday in Minneapolis, MN at the Hilton Minneapolis/St. Paul Airport Hotel (952-854-2100).

George Penokie agreed to host a SAS Protocol teleconference:

Tuesday September 3, 2002
11:00 am -- 2:00 pm EDT
10:00 am -- 1:00 pm CDT
9:00 am -- noon MDT
8:00 am -- 11:00 am PDT

USA Toll Free Number: 877-921-6914
Toll Number: +1-712-923-0332
Participant Passcode: 338024

WebEx Session: <http://seagate.webex.com/>
Meeting Name: SAS Protocol teleconference
Password: Carol18

It is likely that there will be another SAS protocol teleconference call on September 24th, but the need will be determined at the September working group meeting.

John Lohmeyer suggested that we tentatively plan for an editing meeting sometime during late October (probably during the week of October 21st).

8. Adjournment

The meeting was adjourned at 11:06 a.m. on Tuesday, August 13, 2002.