

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

Doc. No.: T10/06-376r0
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Date: August 22, 2006

Reply to: John Lohmeyer

To: T10 Membership  
From: John Lohmeyer  
Subject: SAS Zoning Management WG -- Aug 22, 2006  
Tukwila, WA

## Agenda

1. Opening Remarks
2. Approval of Agenda
3. Attendance and Membership
4. Zone Management
  - 4.1 SAS-2 Zone Configuration model (06-358) [Symons]
  - 4.2 SAS-2 Enable and disable zoning by management identifier key (06-373) [Elliott]
  - 4.3 SAS-2 SMP Zone Lock Timer (06-326) [Symons]
  - 4.4 SAS-2 Broadcast (Activate) (06-377) [Symons]
  - 4.5 SAS-2 OPEN\_REJECT RETRY during zoning changes (06-384) [Elliott]
5. SMP function topics
  - 5.1 SAS-2 SMP ZONE LOCK (06-286) [Symons]
  - 5.2 SAS-2 SMP CONFIGURE PHY ZONE function (06-201) [Symons]
  - 5.3 SAS-2 SMP CONFIGURE ZONE PERMISSION function (06-202) [Symons]
  - 5.4 SAS-2 SMP REPORT ZONE PERMISSION function (06-203) [Symons]
  - 5.5 SAS-2 Expander Route Table (CONFIGURE ADDRESS RESOLVE) (06-214) [Johnson]
  - 5.6 SAS-2 SMP ZONE ACTIVATE (06-288) [Symons]
  - 5.7 SAS-2 SMP ZONE UNLOCK (06-289) [Symons]
  - 5.8 How to send SMP over SSP? (06-313) [Weber]
6. New Business
7. Review of Recommendations
8. Meeting Schedule
9. Adjournment

## Results of Meeting

### 1. Opening Remarks

John Lohmeyer called the meeting to order at 9:00 a.m. Tuesday, August 22, 2006. He thanked Tim Symons of PMC-Sierra for hosting the meeting. As usual, the people present introduced themselves.

### 2. Approval of Agenda

The draft agenda was approved with no changes.

### 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
Mr. Kevin Marks	P	Dell, Inc.
Mr. Rob Elliott	P	Hewlett Packard Co.
Mr. George O. Penokie	P	IBM Corp.
Mr. Brad Besmer	V	LSI Logic Corp.
Mr. Steve Johnson	V	LSI Logic Corp.
Mr. John Lohmeyer	P	LSI Logic Corp.
Mr. Tim Symons	P	PMC-Sierra
Mr. William Martin	P	Sierra Logic, Inc.
Mrs. Zenta Darnell	V	Vitesse Semiconductor

9 People Present

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

### 4. Zone Management

#### 4.1 SAS-2 Zone Configuration model (06-358) [Symons]

Tim Symons presented 06-358r2, SAS-2 Zone Configuration Model. The group requested numerous changes and Tim agreed to prepare a new revision.

#### 4.2 SAS-2 Enable and disable zoning by management identifier key (06-373) [Elliott]

Due to the late hour, this item was deferred to the next meeting.

#### 4.3 SAS-2 SMP Zone Lock Timer (06-326) [Symons]

Due to the late hour, this item was deferred to the next meeting.

#### 4.4 SAS-2 Broadcast (Activate) (06-377) [Symons]

Tim Symons presented 06-377r0, SAS-2 Broadcast (Activate). The group requested changes and Tim agreed to prepare a new revision.

Tim Symons moved and Kevin Marks seconded that 06-377r1, r0 as revised, be recommended for inclusion in SAS-2. The motion passed 5-0-2.

#### 4.5 SAS-2 OPEN\_REJECT\_RETRY during zoning changes (06-384) [Elliott]

Due to the late hour, this item was deferred to the next meeting.

## **5. SMP function topics**

### **5.1 SAS-2 SMP ZONE LOCK (06-286) [Symons]**

Tim Symons presented 06-286r4, SAS-2 SMP ZONE LOCK. The group requested changes and Tim agreed to prepare a new revision.

Tim Symons moved and Rob Elliott seconded that 06-286r5, r4 as revised, be recommended for inclusion in SAS-2. The motion passed 4-0-3.

### **5.2 SAS-2 SMP CONFIGURE PHY ZONE function (06-201) [Symons]**

Tim Symons presented 06-201r5, SAS-2 SMP CONFIGURE PHY ZONE function. The group requested changes and Tim agreed to prepare a new revision.

Tim Symons moved and Rob Elliott seconded that 06-201r6, r5 as revised, be recommended for inclusion in SAS-2. The motion passed 6-0-1.

### **5.3 SAS-2 SMP CONFIGURE ZONE PERMISSION function (06-202) [Symons]**

Due to the late hour, this item was deferred to the next meeting.

### **5.4 SAS-2 SMP REPORT ZONE PERMISSION function (06-203) [Symons]**

Tim Symons presented 06-203r5, SAS-2 SMP REPORT ZONE PERMISSION function. The group requested changes and Tim agreed to prepare a new revision.

Tim Symons moved and Zenta Darnell seconded that 06-203r6, r5 as revised, be recommended for inclusion in SAS-2. The motion passed 5-0-1.

### **5.5 SAS-2 Expander Route Table (CONFIGURE ADDRESS RESOLVE) (06-214) [Johnson]**

Due to the late hour, this item was deferred to the next meeting.

### **5.6 SAS-2 SMP ZONE ACTIVATE (06-288) [Symons]**

Tim Symons presented 06-288r5, SAS-2 SMP ZONE ACTIVATE. The group requested minor changes and Tim agreed to prepare a new revision.

Tim Symons moved and Kevin Marks seconded that 06-288r6, r5 as revised, be recommended for inclusion in SAS-2. The motion passed unanimously.

### **5.7 SAS-2 SMP ZONE UNLOCK (06-289) [Symons]**

Tim Symons presented 06-289r5, SAS-2 SMP ZONE UNLOCK. The group requested changes, including the addition of a ACTIVATE REQUIRED bit to the ZONE UNLOCK request. Tim agreed to prepare a new revision.

Tim Symons moved and Rob Elliott seconded that 06-289r6, r5 as revised, be recommended for inclusion in SAS-2. The motion passed unanimously.

### **5.8 How to send SMP over SSP? (06-313) [Weber]**

In the absence of Ralph Weber, this item was deferred to the next meeting.

## **6. New Business**

No new business was brought before the group.

## **7. Review of Recommendations**

The following documents were recommended for inclusion in SAS-2 during this meeting:

For inclusion in SAS-2:

06-286r5 (SAS-2 SMP ZONE LOCK) [Symons]

06-288r6 (SAS-2 SMP ZONE ACTIVATE) [Symons]

06-289r6 (SAS-2 SMP ZONE UNLOCK) [Symons]

06-377r1 (SAS-2 Broadcast (Zone Activate)) [Symons]

06-201r6 (SAS-2 SMP CONFIGURE PHY ZONE function) [Symons]

06-203r6 (SAS-2 SMP SMP REPORT ZONE PERMISSION function) [Symons]

## **8. Meeting Schedule**

A SAS Protocol Working Group meeting is scheduled for:

Tuesday, September 12, 2006 commencing at 9:00 a.m. in Nashua, NH at the Crowne Plaza hotel (1-603-886-1200 Reservations: [www.crowneplazanashua.com](http://www.crowneplazanashua.com) Group Code: HCM) hosted by Hitachi Cable Manchester.

A teleconference call for SAS-2 Zoning will be held on Tuesday August 29, 2006 from 2:00-4:00 pm MDT. A teleconference call for SAS-2 Multiplexing will be held on Tuesday September 5, 2006 from 2:00-4:00 pm MDT. These calls will be announced on the T10 reflector.

## **9. Adjournment**

The meeting was adjourned at 6:15 p.m. on Tuesday August 22, 2006.