

Accredited Standards Committee  
X3, Information Processing Systems

Doc. No.: X3T10/96-206r0  
Date: July, 16 1996  
Project:  
Ref. Doc.:  
Reply to: G. Penokie

To: Membership of X3T10  
From: George Penokie / Ralph Weber  
Subject: Minutes of X3T10 SCC Study Group Meeting -July 16, 1996

AGENDA

1. Opening Remarks
2. Attendance and Membership
3. Approval of Agenda
4. Report on status of the SCC-2 project proposal
5. SCC-2 proposals (96-164r1)
6. Simplification of SCAL configurations (96-196r0)
7. Action Items
8. Meeting Schedule
9. Adjournment

Results of Meeting

1. Opening Remarks

George Penokie convened the meeting at 9:00 am, Tuesday, July 16, 1996. He thanked John Lohmeyer of Symbios Logic for hosting the meeting.

This is a joint meeting of the X3T10 SCSI Controller Commands working group, the RAB Host Interface working group, and the DMTF disk subgroup, mass storage working committee. The purpose of the group is to deal with interface issues related to using RAID's. The study group will assess the issues and then formulate a strategy for dealing with them.

As is customary, the people attending introduced themselves. A copy of the attendance list was circulated for attendance and corrections.

It was stated that the meeting had been authorized by X3T10 and would be conducted under the X3 rules. Working group meetings take no final actions, but prepare recommendations for approval by the X3T10 task group. The voting rules for the meeting are those of the parent committee, X3T10. These rules are: one vote per company; and any participating company member may vote.

The minutes of this meeting will be posted to the SCSI BBS and the SCSI Reflector and will be included in the next committee mailing.

2. Attendance and Membership

Attendance at working group meetings does not count toward minimum attendance requirements for X3T10 membership. Working group meetings are open to any person or company to attend and to express their opinion on the subjects being discussed.

RAID Study Group Meeting Attendees

Attendee	Company	Email Address
A. Taylor	Adaptec	ataylor@corp.adaptec.com
Eddy Quicksall	Adaptec	edyq@btc.adaptec.com
John Horvath	Adaptec	johnho@btc.adaptec.com
Terry Braun	Adaptec	tbraun@corp.adaptec.com
Paul Massiglia	DEC	massiglia@genral.enet.dec.com
Dal Allan	ENDL	dal_allen@micmail.com
Bill Hutchison	HP	hutch@boi.hp.com
George Penokie	IBM	gop@rchvmp3.vnet.ibm.com
Corky Ball	JMR Electronics	corky@jmr.com
Janakiraman Gopalan	Mylex/Buslogic	janakig@mylex.com
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Rick Wagner	Stream Logic	richard_wagner@streamlogic.com
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Joe Molina	Technology Forums	tforums@ic.manicato.mn.us
Dave Wehrman	Unisys	75122,177@compuserve.com
Ed Barnes	Xyratex	edbarnes@primenet.com
Herb Silverman	Xyratex	herb@cerf.net

### 3. Approval of Agenda

The agenda presented at the meeting was approved.

### 4. Report on status of the SCC-2 standard

The SCC-2 project proposal(96-152r0) was accepted by X3T10.

### 5. SCC-2 proposals (96-164r1)

George reviewed the SCC-2 proposals (96-164r1) and distributed marked-up pages showing changes from SCC. Some questions were raised regarding the definition of P+S redundancy groups. The group discussed the definition "fractionally exposed". Concerns were raised about representing the exchange of controllers providing access to volume sets. It was noted that the proposed definition of the ENABLE RANGE field does not define the normal case as 00b.

### 6. Simplification of SACL configurations (96-196r0)

George described his simplification of the SCC command structure (96-196r0). The simplified construction of volume sets from physical device capacity provoked a lengthy discussion. The proposal expressed usage in terms of percentage of the volume set. A counter proposal suggested using percentage of the device. Details of the counter proposal were discussed but not fully resolved.

The group also discussed how to simplify configuration. George supported developing an intermediate configuration command structure, with a high-level configuration structure above it and the current detail configuration command structure below it.

### 7. Action Items

-Add into the SCC-2 the proposals agreed to by the working group - George Penokie (DONE)

8. Meeting Schedule

The next meeting will be hosted by DEC in Natick, MA at the Crowne Plaza on September 10 9:00AM to Noon.

9. Adjournment

The meeting was adjourned at 12 noon.

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