

Accredited Standards Committee
X3, Information Processing Systems

Doc. No.: X3T10/94-136r0
Date: May 17, 1994
Project: CAM
Ref. Doc.: X3T10/792D-R7

To: Membership of X3T10
From: William Dallas
Subject: Minutes of CAM Working Group Meeting -- May 16, 1994

Agenda

1. Opening Remarks
2. Attendance and Membership
3. Approval of Agenda
4. Report on changes made on the document from Revision 6 to Revision 7.
5. Soft Reset Proposal from Gary Stephens
6. Review of the Revision 7 of the CAM document.

Results of Meeting

1. Opening Remarks

William Dallas the Editor of the CAM document, called the meeting to order at 9:15 am, Monday, 16 May 1994. He thanked AMP for hosting the meeting. As is customary, the people attending introduced themselves. A copy of the attendance list was circulated for attendance. It was stated that the meeting had been authorized by X3T10 and would be conducted under the X3 rules. 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.

The following people attended the meeting:

CAM Working Group Meeting Attendees

Name	Organization	Electronic Mail Address
Mr. Neil T. Wanamaker	AMDAHL	ntw20@eng.amdahl.com
Mr. Gary Stephens	FSI	6363897@mcimail.com
Mr. Gene Milligan	Seagate	gene_milligan@notes.seagate.com
Mr. Bob Snively	SUN Microsystems	bob.snively@sun.com
Mr. M. K. Jibbe	AT&T_GIS	MahmoudJibbe@Wichitaks.ncr.com
Mr. Gerald Root	Volex	
Mr. Ralph Weber	Digital Equipment Corp.	weber@star.enet.dec.com
Mr. Bill Dallas	Digital Equipment Corp.	dallas@wasted.enet.dec.com

8 people present

3. Approval of Agenda

The agenda developed at the meeting was approved.

4. Report on changes made on the document from Revision 6 to Revision 7.

Bill Dallas reported on the editorial and technical changes made in the CAM document which changed the revision from revision 6 to 7. These changes were the following:

- Changes to CAM

Addition of function Scan Logical Unit

Addition of determining Logical Units SIM queues freeze count with the RELEASE SIM QUEUE CCB.

- Decrement freeze count and return current count
 - Return freeze count with no modification of count
- Editorial changes suggested by March 1994 working group.

5. Soft Reset Proposal

Bill Dallas stated that he had problems reading/convertng Soft Reset proposal from Gary Stephens. He also stated that due to a conversation with Gary at the March meeting he understood Gary's proposal and had a counter proposal that was more consistent with CAM. Gary's proposal dealt with changing the XPT to monitor Inquiry data returned for the Soft Reset option support. If all Logical Units on that bus supported the option then the SIM/HBA for that bus would be notified that Soft Reset operation shall be observed.

The alternated proposal took a more simplistic view for Soft Reset support under CAM. This support would reside in both the peripheral drivers and the SIMs. Currently the SIM reports whether it supports the Soft Reset operation by the Path Inquiry function. Bill's proposal adds a new CAM flag called Soft Reset Operation for the Execute SCSI I/O function. In conjunction with the Path Inquiry function and Inquiry data from the LUN, the peripheral driver controls whether Soft Reset operation is desired with the Logical Unit. If both the SIM and the LUN support Soft Resets the peripheral driver may choose to operate in that manner. The Soft Reset Operation CAM flag directs the SIM to operate this SIM queue for Soft Resets. One of the rules for the SIM is that there can not be a mix of CCBs in this LUNs queue with mixed reset operation. If a CCB is received that mixes operation the SIM shall reject the CCBs. Queue reset operation duration is the length of time CCBs are in that LUNs SIM queue. Bills proposal was accepted.

6. Review of the Revision 7 of the CAM document.

The CAM working started reviewing the CAM document from where it left off at the March CAM working group. A number of editorial changes were made to the document for clarification and correctness. The only Clause not reviewed by the Working Group is 11. The clause will be reviewed by working group members outside of meetings and comments to the editor within 1 month.

6. Action Items

Bill Dallas to make all working group changes to the CAM document and post it within 1 month. The Working Group members will try to post Clause 11 comments to the editor within 1 month.

7. Meeting Schedule

The next meeting of the CAM Working Group is planned for July 18, 1994 at the Sheraton Inn in Manchester, NH. The meeting is expected to run from 9:00am-7:00pm.

8. Adjournment

The meeting was adjourned at 7:00 pm. on Monday, May 16, 1994.