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From: Bill Dallas <dallas@zk3.dec.com>
Subject: CAM working group minutes 9/93
Date: Tuesday, September 28, 1993 at 02:13:10 pm PST
Attach:
Certify: N

Accredited Standards Committee
X3, Information Processing Systems

Doc. No.: X3T9.2/93-XXXXX
Date: Sept 23, 1993

To: Membership of X3T9.2
From: William Dallas, Editor of CAM-2
Subject: Minutes of CAM-2 Study Group Meeting (09/13/93)

Agenda

- 1.0 Opening Remarks
- 2.0 Attendance and Introductions
- 3.0 Call for items to be placed on the current agenda
- 4.0 Section 10 of CAM-1
- 5.0 CAM-2 work.

1.0 Opening Remarks

Bill Dallas, Editor of the CAM-2 Study Group, called the meeting to order at 9:00 p.m., Monday, September 13, 1993.

The attendance list was circulated for attendance and corrections. The customary procedure of people attending introducing themselves was done and the editor thanked IBM for hosting this meeting.

2.0 Attendance

The following people attended the meeting:

Name	Organization	Telephone
Mr. Neil Wanamaker	AMDAHL	(408) 246-7237
Mr. Dave Skinner	AMD	(408) 987-2945
Mr. Ralph Weber	Digital Equipment Corp.	(603) 881-1497
Mr. William Dallas	Digital Equipment Corp.	(603) 881-2508

4 People Present

3.0 Call for items to be placed on the current agenda

No new agenda items.

4.0 Section 10 - CAM-1

The adhoc group that is working on the rewrite of Section 10 of CAM-1 discovered a design hole within the new design. While a solution was worked upon it was felt that direction was need from the CAM-1 working group. The solution involved a NEW CCB definition that would solve a number of problems for target mode. These problems involved a clean and direct way on notifying the Peripheral Driver of events that are detected by the SIM/HBA (invalid phase etc.) that require valid request sense from the Peripheral Driver. The Peripheral Driver had no mechanism for being notified of these events or classification of the event (sense key and ASC/ASQ). It was felt by the adhoc group that the new CCB could also be used for ABORT, ABORT TAG and other events that need immediate action/notification in the target driver.

After the Editor presented the new CCB concept for Target Mode discussion followed and it was the consensus that the new CCB should be implemented. With the new CCB for target mode the Section 10 design could then not use the Asynchronous callbacks for implementation of ABORT (TAGS) functionality. It was also felt by the working group that the notification was immediate and could not be queued for delivery.

At the last working group meeting Gary Stephens suggested that the GROUP 6 and 7 command sizes should be pointers to arrays that contain the sizes for each of the group commands. It was decided at this meeting to adopt the suggestion and incorporate it into the design.

5.0 CAM-2

It was decided that no work should be done on CAM-2 until CAM-1 is back out for public review.