

**Doc. No.:** X3T10/95-275r0

**Date:** July 18, 1995

**Project:**

**Ref. Doc.:**

**Reply to:** John Lohmeyer

To: Membership of X3T10

From: Ralph Weber, Secretary X3T10  
Lansing Sloan, Acting CAM SG Chair

Subject: Minutes of CAM Study Group Meeting  
Colorado Springs, CO -- July 11, 1995

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### Agenda

1. Opening Remarks
  2. Attendance and Membership
  3. Approval of Agenda
  4. Approval of Minutes
  5. Support of ATA in CAM
  6. Actions of the Working Group
  7. Meeting Schedule
  8. Adjournment
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### Results of Meeting

#### 1. Opening Remarks

Lansing Sloan, the acting CAM Chair, called the meeting to order at 9:07 a.m., Tuesday July 11, 1995. He thanked Symbios Logic for hosting the meeting.

As is customary, the people attending introduced themselves and a copy of the attendance list was circulated. Copies of the draft agenda and general information on X3T10 were made available to those attending.

#### 2. Attendance and Membership

Attendance at study group meetings does not count toward minimum attendance requirements for X3T10 membership. Study group meetings are open to any person or organization directly and materially affected by X3T10's scope of work.

The following people attended the meeting:

Name	S	Organization	Electronic Mail Address
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<b>Lansing Sloan</b>	<b>P</b>	<b>Lawrence Livermore National Laboratory</b>	<b>LJSloan@llnl.gov</b>
<b>Al Pease</b>	<b>V</b>	<b>Buslogic</b>	<b>alp@buslogic.com</b>
<b>Ralph Weber</b>	<b>A#</b>	<b>ENDL Associates</b>	<b>RWeber@acm.org</b>
<b>Duncan Penman</b>	<b>P</b>	<b>IIX</b>	<b>penman@netcom.com</b>

**3 People Present**

**Status Key:**

- P** - **Principal**
- A, A#** - **Alternate**
- O** - **Observer**
- L** - **Liaison**
- V** - **Visitor**

**3. Approval of Agenda**

The following item was added to the agenda:

6. CAM and Fibre Channel

The agenda was approved as modified.

**4. Approval of Minutes**

In the absence of any objections, the March 1995 CAM study group minutes were approved as written.

**5. Support of ATA in CAM**

Duncan Penman reported that Bill Dallas (CAM chair) and Kevin Calvert (Future Domain) were to work off-line on matching CAM to ATA. However, neither Bill or Kevin are present at this meeting, and Duncan was unaware of any progress they might have made in their off-line discussions.

**6. CAM and Fibre Channel**

Al Pease described a problem with CAM-2 that he has discovered while working on a Fibre Channel project. The problem concerned shared use of a Fiber Channel Fabric for both storage component access and networking access. Al postulated that the networking layers would access the Fibre via the CAM SIM.

Ralph countered that the more natural layering would be to have the CAM SIM act as a interface to the physical network access software. The result is a software-only SIM. That would be a very different construct than the current SIM. However, the physical network access software is a more feature-rich interface than the SIM interface. So, making the SIM access the network software is easier than making the SIM interface have all the features required by higher networking software layers.

The question interrupt vectoring was raised. Ralph noted that the physical network access software must be constructed to service multiple TCP clients. The software SIM would simply be another client for the physical network access software.

The Study Group recommended that these concepts be included in the CAM-3 document.

**7. Meeting Schedule**

The next meeting of CAM Study Group will be September 12, 1995, in Bedford, NH at the Sheraton Tara Wayfarer Inn (603-622-3766), hosted by Digital Equipment Corp.

**8. Adjournment**

The meeting was adjourned at 9:49 a.m. on Tuesday July 11, 1995.