Accredited Standards Committee*
X3, Information Technology

Doc. No.: X3T10/95-341r0

Date: November 12, 1995
Project: 1143-DT
Ref. Doc.:
Reply to: John Lohmeyer

To: Membership of X3T10

From: Ralph Weber, Secretary X3T10
John Lohmeyer, Chair X3T10

Subject: Minutes of X3T10 EPI Working Group Meeting
Palm Springs, CA -- November 7, 1995

Agenda

1. Opening Remarks

2. Approval of Agenda

3. Attendance and Membership

4. Other Topics
 4.1 Powering Translators [Harris]
 4.2 Document Review (95-320r0) [Ham]

5. Meeting Schedule

6. Adjournment

Results of Meeting

1.   Opening Remarks

John Lohmeyer, the X3T10 Chair, called the meeting to order at 9:00 a.m., Tuesday November 7, 1995. He thanked Jeff Stai of Western Digital Logic for hosting the meeting. John also announced that all of the X3 letter ballots on X3T10 issues, which closed on Monday, had passed 23-0-0-4. Related to this meeting, the EPI technical report project has been assigned project number 1143-DT.

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

2.   Approval of Agenda

The agenda was developed at the meeting and was approved as shown above.

3.   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 organization directly and materially affected by X3T10's scope of work. The following people attended the meeting:

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Name                   S  Organization              Electronic Mail Address
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Mr. Norm Harris        P  Adaptec, Inc.             nharris@eng.adaptec.com
Mr. Lawrence J. Lamers A# Adaptec, Inc.             ljlamers@aol.com
Mr. Edward Fong        P  Amdahl Corp.              esf10@amail.amdahl.com
Dr. William Ham        A# Digital Equipment Corp.   ham@subsys.enet.dec.com
Mr. Ralph O. Weber     A# ENDL Associate            roweber@acm.org
Mr. Andy Chen          A# Fujitsu Computer Prods    achen@fcpa.fujitsu.com
                          Amer
Mr. George Penokie     P  IBM Corp.                 gop@rchvmp3.vnet.ibm.com
Mr. Dan Colegrove      A# IBM Corp.                 colegrove@vnet.ibm.com
Mr. Giles Frazier      O  IBM Corp.                 gfrazier@ausvm6.vnet.ibm.
                                                    com
Mr. Pat LaVarre        A# Iomega Corp.              p.lavarre@ieee.org
Mr. Dean Wallace       P  Linfinity Micro           75671.3443@compuserve.com
Mr. Pete McLean        P  Maxtor Corp.              pete_mclean@maxtor.com
Mr. Edward A. Gardner  V  Ophidian Designs          gardner@acm.org
Mr. Param Panesar      O  Pioneer Research
Mr. Skip Jones         P  QLogic Corp.              sk_jones@qlc.com
Mr. Richard Uber       V  Quantum Corp.             duber@tdh.qntm.com
Mr. Gene Milligan      P  Seagate Technology        Gene_Milligan@notes.seaga
                                                    te.com
Mr. Gerald Houlder     A  Seagate Technology        Gerry_Houlder@notes.seaga
                                                    te.com
Mr. Stephen G. Finch   P  Silicon Systems, Inc.     steve.finch@tus.ssi1.com
Mr. Robert N. Snively  P  Sun Microsystems Computer bob.snively@eng.sun.com
                          Co
Mr. John Lohmeyer      P  Symbios Logic Inc.        john.lohmeyer@symbios.com
Mr. Rod DeKoning       V  Symbios Logic Inc.        rod.dekoning@symbios.com
Mr. Tracy Spitler      V  Symbios Logic Inc.        tracy.spitler@symbios.com
Mr. Tokayuki Totani    O  Toshiba America           ttotaniAtaisdpd.geis.com
Mr. Kenneth J. Hallam  P  UNISYS Corporation        ken.hallam@mv.unisys.com
Mr. Paul D. Aloisi     P  Unitrode Integrated       Aloisi@uicc.com
                          Circuits
Mr. Jeff Stai          P  Western Digital           stai@dt.wdc.com
                          Corporation
Mr. Tak Asami          A  Western Digital           asami@dt.wdc.com
                          Corporation
Mr. Arnold Limjoco     O  Yamaichi Electronics      6371175@mcimail.com
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29 People Present

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Status Key:  P    -  Principal
             A,A# -  Alternate
             O    -  Observer
             L    -  Liaison
             V    -  Visitor
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4.   Other Topics

4.1   Powering Translators [Harris]

Norm Harris asked the group to consider the power needs of LVDS to single-ended translators be considered when developing the EPI technical report. Bill Ham stated that the document outline contains a place for adding such considerations and that the particular needs in question would be considered.

This topic had also been reviewed late the previous day in the SPI-2 meeting. See 95-340 for additional information.

4.2   Document Review (95-320r0) [Ham]

Bill Ham explained the purpose of the SCSI Enhanced Parallel Interface - EPI Technical Report. He noted that EPI will cover mixed singled-ended and differential devices on separate segments of the same logical bus, more than 16 devices on a bus, physical bus segments with branches to improve transmission line effects, extended physical bus segments lengths allowed by the propagation delay assumptions already built into the parallel SCSI protocol, hot plugging, and mixed power conditions in active systems. (The complete project proposal is 95-213r0.)

Bill asked for volunteers to contribute original written text to the currently unwritten sections of the draft EPI document. Bill noted that in the absence of volunteers, writing the document will proceed at a pace limited by his available time, and may not be completed until next summer.

Bill reviewed the draft EPI document. He received lots of advice for additions and corrections in the next draft EPI document.

5.   Meeting Schedule

The EPI Working Group requested three hours of meeting time during the January 1996 X3T10 meeting week.

6.   Adjournment

The meeting was adjourned at 11:50 a.m. on Tuesday November 7, 1995.