Accredited Standards Committee*
NCITS, Information Technology

Doc. No.:	T10/01-117r0
Date:	March 27, 2001
Project:	SDV 1378-DT
Ref. Doc.:	
Reply to:	John Lohmeyer
	Bill Ham

To: Membership of T10

From: John Lohmeyer, chair SDV working group
           Bill Ham, Secy SDV working group

Subject: Draft minutes of T10 SDV working group on March 26-27, 2001

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Agenda

1. Opening remarks and introductions
2. Attendance and membership
3. Approve agenda
4. Document distribution
5. Review minutes of previous meeting
6. Review old action items
7. Old Business
  7.1 Domain Validation Testing Methods (01-033) [Gibbons]
  7.2 SDV working draft review [Roberts]
  7.3 Definition of margin fields in mode pages [Ham]
  7.4 Definition of values in margin fields [Ham]
8. New Business
  8.1 Reconciliation with SPI-4
9. Review action items
  9.1 Action items from previous meetings
  9.2 New action items from this meeting
10. Next meetings
11. Adjourn

Results of Meeting

1. Opening remarks and introductions

John Lohmeyer led the meeting. He opened the meeting at 1:00 p.m. and
thanked Ron Roberts of Adaptec for hosting this meeting. Bill Ham took
these minutes.

Attendance and membership

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Name            S      Organization          Electronic Mail Address
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Mr. Ron Roberts        P  Adaptec, Inc.         Ron_Roberts@adaptec.com
Mr. Trung Luu          V  Adaptec, Inc.         tluu@corp.adaptec.com
Mr. Mike Rogers        V  Adaptec, Inc.         mike_rogers@adaptec.com
Dr. William Ham        A  Compaq Computer Corp. bill_ham@ix.netcom.com
Mr. John Lohmeyer      P  LSI Logic Corp.       lohmeyer@t10.org
Mr. Terry Gibbons      V  LSI Logic Corp.       terry.gibbons@lsil.com
Mr. Mark Evans         P  Quantum Corp.         mark.evans@quantum.com
Mr. Paul D. Aloisi     P  Texas Instruments     Paul_Aloisi@ti.com
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8 People Present

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Status Key:  P   -  Principal
             A,A# -  Alternate
             AV  -  Advisory Member
             L   -  Liaison
             V   -  Visitor
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2. Approve agenda

The agenda shown above was used by agreement of the group.

3. Document distribution

Documents are distributed electronically by means of the T10 web site:
www.t10.org.

4. Review minutes of previous meeting

John Lohmeyer noted that the document number for Terry Gibbons proposal
was incorrect in the action items. The correct number is 01-033.

Motion Lohmeyer/Ham that the draft minutes as modified be approved from
the last meeting. Motion passed without objection.

5. Review old action items

The action items from the last meeting were reviewed and the status is
noted in the action items section.

6. Old Business

6.1 Domain Validation Testing Methods (01-033) [Gibbons]

Terry Gibbons reviewed 01-033r2 and made further changes that the group
recommended. He planned to send these changes to Ron for inclusion in
Rev 5 of SDV.

6.2 SDV working draft review [Roberts]

Ron led the review of the latest document, SDV rev 04.

6.3 Definition of margin fields in mode pages [Ham]

After considerable discussion, four parameters were defined for the driver. Driver asymmetry, Driver pre comp, Driver strength, and slew rate.

No parameters have so far been defined for receiver parameters.

6.4 Definition of values in margin fields [Ham]

After much discussion a list of field value were agreed where the field values indicate absolute conditions (i.e. not depending on previous history) centered around the value of the parameters as shipped by the supplier. This is based on the so-called 2's complement scheme where there are 7 values above the shipped parameter value and 8 values below the shipped parameter value.

Motion Aloisi/Evans that SDV recommend to the parallel SCSI working group that the material in SDV rev 5 contained in subclause 5.3.3.1 be incorporated into subclause 18.1.4.1 and Annex G of SPI-4 rev 3 in place of material presently in place. Bill Ham to do the action item.

Motion passes unanimously.

7. New Business

7.1 Reconciliation with SPI-4

Discussion is ongoing and will be moved to Old Business.

8. Review action items

8.1 Action items from previous meetings

Terry Gibbons to produce a new revision of 01-033 (rev 2) that incorporates the results of discussions in this meeting
Status:

Ron Roberts create rev 04 of SDV before the next meeting that contains the changes agreed at this meeting.
Status: done

8.2 New action items from this meeting

Bill Ham to deliver the recommendation of SDV to change the margin
control information presently in SPI-4.
Status: new

Ron and Terry to do another rev of 01-033.
Status: new

Ron to issue the next rev of SDV.
Status: new

9. Next meetings

The next meeting will be on July 16 9 to 5 in Colorado Springs.

The meeting on April 30, 2001 9:00 a.m. to 5:00 p.m in Nashua, NH has
been canceled.

No interim meetings are presently planned.

10. Adjourn

The meeting adjourned at 4:30 p.m. on Tuesday March 27, 2001.