Accredited Standards Committee*
NCITS, Information Technology

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 September 11, 2000

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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 Review and Selection of an Expander Communication Proposal
    7.1.1 Multi-line Addressing (99-250 & SDV-R02, 00-256r0) [Lamers/Roberts]
    7.1.2 Alternate Selection and Communications Protocol (ASCP) (99-213)
    [Petty]
    7.1.3 Expander Control Protocol (00-257) [Lohmeyer]
  7.2 Margin Control (99-264) [Roberts]
  7.3 SDV working draft review [Roberts]
  7.4 Name that expander
8. New Business
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 9:00 a.m. and thanked
Skip Jones of QLogic for hosting this meeting. Bill Ham took these minutes.

2. Attendance and membership

Name	S	Organization	Electronic Mail Address
Mr. Lawrence J. Lamers	P	Adaptec, Inc	ljlamers@ieee.org
Mr. Ron Roberts	A	Adaptec, Inc.	Ron_Roberts@adaptec.com
Mr. Bill Galloway	P	BREA	billg@breatech.com
Mr. Edward Haske	P	CMD Technology	haske@cmd.com
Mr. Robert C. Elliott	P	Compaq	Rob_Elliott@compuserve.com
Dr. William Ham	A	Compaq	bill_ham@ix.netcom.com
Mr. George Penokie	P	IBM Corp	gop@us.ibm.com
Mr. Jeffrey J. Gauvin	V	LSI Logic Corp.	jeff.gauvin@lsil.com
Mr. Terry Gibbons	V	LSI Logic Corp	Terry.gibbons@lsil.com
Mr. John Lohmeyer	P	LSI Logic Corp.	lohmeyer@t10.org
Mr. William Petty	V	LSI Logic Corp.	william.petty@lsil.com
Mr. Mark Evans	P	Quantum Corp	mark.evans@quantum.com
Mr. Gene Milligan	P	Seagate Technology	Gene_Milligan@notes.seagate.com
Mr. Gerry Houlder	A	Seagate Technology	gerry_holder@notes.seagate.com
Mr. Vit Novak	A	Sun Microsystems	vit.novak@sun.com
Mr. Paul D. Aloisi	P	Texas Instruments	Paul_Aloisi@ti.com
Mr. Donald Getty	A#	Texas Instruments	donald_getty@ti.com
Mr. Mike Kocso	V	Texas Instruments	Mike@mvbuilders.com

18 People Present

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Status Key:  P   -  Principal
            A,A# -  Alternate
             O   -  Observer
             L   -  Liaison
             V   -  Visitor
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3. Approve agenda

The agenda was approved without objection.

4. Document distribution

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

5. Review minutes of previous meeting

Bill Ham moved and John Lohmeyer seconded that the draft minutes as modified
be approved from the last meeting. Motion passed without objection.

6. Review old action items

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

7. Old Business

7.1 Review and Selection of an Expander Communication Proposal

7.1.1 Multi-line Addressing (99-250 & SDV-R02, 00-256r0) [Lamers/Roberts]

Ron noted that there is no new information on these proposals and that Adaptec is evaluating whether to support the ECP proposal. He requested that the multiline addressing proposal stay on the active agenda.

7.1.2 Expander Control Protocol (00-257) [Lohmeyer]

John went through a detailed review of the revised proposal for ECP (00-257r2).

A number of minor changes were discussed and noted.

John Lohmeyer moved and Bill Ham seconded that 00-257r3 (r3 contains the changes agreed at this meeting) be recommended by the SDV ad hoc to the T10 plenary for inclusion in SPI-4.

Motion passed: 3 for 1 against and 1 abstain (one vote per company)

After further discussion it was noted that certain features of the document could be interpreted as placing de facto requirements on targets to support margining. As a result, additional changes were made to r3.

There was also a discussion, started by George Penokie, that questioned how many of the general ideas in ECP could be applied to non-parallel constructions and therefore be of interest to standards other than SPI-x. Specifically, the SCSI primary commands could be a possible home for some parts.

The motion was agreed to be reconsidered by unanimous consensus of the group.

George Penokie offered a friendly amendment which was accepted by John and Bill.

John Lohmeyer moved and Bill Ham seconded that 00-257r3 (r3 contains the changes agreed at this meeting) be recommended by the SDV ad hoc to the T10 plenary for inclusion in SPI-4 and/or SPC-3.

Motion passes 4 in favor / 1 against / 3 abstain

7.2 Margin Control (99-264) [Roberts]

Ron noted that the content of 00-257r2 performs some of the same functions but in a significantly different way than described in 99-264. Topic was deferred to the next meeting.

7.3 SDV working draft review [Roberts]

Review was not done due to instabilities in the position of the ad hoc. This topic will be revisited at the next meeting.

8. New Business

No new business was conducted.

9. Review action items

9.1 Action items from previous meetings

Ron Roberts to incorporate LSI logic comments into SDV.
Status: carried over

9.2 New action items from this meeting

John Lohmeyer to create 00-257r3 containing all the changes agreed at this meeting.
Status: new

10. Next meetings

The next meeting on October 30, 2000 9:00 a.m. to 5:00 p.m in Monterey, CA.

No interim meeting presently planned.

11. Adjourn

The meeting adjourned at 5:00PM on Monday September 11, 2000.