

T10/01-349R0

Date: November 6, 2001

To: T10 Committee

From: Paul Entzel, Quantum

Subject: Automation Drive Interface (ADI) Working Group Minutes – November 6, 2001

Agenda

1. Introductions: Group
2. Approval of this agenda: Paul Suhler
3. Discussion items:
 - a. Goals of working group
 - b. Selection of facilitator, secretary, and editor
 - c. Procedural rules for working group
Suhler, "MCE DTE Issues 001"
Banther, e-mail 29 Oct. 2001
 - d. General technical requirements
Suhler, "MCE DTE Issues 001"
Wideman, "MC_DTE_Comments"
Anderson, e-mail 14 Oct. 2001
4. Unscheduled business: facilitator
5. Next meeting requirements: facilitator
6. Review new action items: secretary
7. Adjournment: Group

Results of Meeting

1. Introductions

Paul Suhler called the meeting to order at 9:00. Paul Suhler will act a facilitator. As customary, the people in attendance introduced themselves and an attendance sheet was circulated. The following people attended the meeting:

<u>Name</u>	<u>Company</u>	<u>Email</u>
Paul Suhler	Seagate	paul.a.suhler@seagate.com
Erich Oetting	StorageTek	Erich_oetting@storagetek.com
Ken Moe	Sun Microsystems	kenneth.moe@sun.com
Michael Banther	HP	michael.banther@hp.com
Steven Matthews	Quantum DPD	steven.matthews@atlp.com
Curtis Anderson	IEEE SSS WG	curtis@integratus.com
Steve Helluege	Quantum DPD	steve.hellwuege@atlp.com
Eric Nguyen	Sony	eric.nguyen@am.sony.com
Tuong Vu	Sony	tuong.vu@am.sony.com
Rod Wideman	ADIC	rod.wideman@adic.com
Robert Griswold	Crossroads	rgriswold@crossroads.com
Valerie Barr	Overland Data	vbarr@overlanddata.com
Kevin Butt	IBM	kdbutty@us.ibm.com
Susan Gray	Quantum	susan.gray@quantum.com
Paul Entzel	Quantum	paul.entzel@quantum.com
Marti Cassell-Fix	Quantum	marti@atlp.com
Halvard Eriksen	Tandberg	halvard.eriksen@tandberg.com

2. Approval of Agenda

The agenda was approved without changes.

3. Discussion items

3.1 Goals of working group

Paul Suhler described the motivation for a standardized interface between removable medium devices and medium changers. This meeting is intended to explore the interest in such a standard among other companies that participate.

3.2 Selection of Facilitator, Editor, and Secretary

Paul Suhler volunteered to continue acting as facilitator of the Working Group.

Paul Entzel will act as secretary.

Robert Griswold of Crossroads Systems volunteered to be editor of the resulting document.

3.3 Procedural Rules for the Working Group

- A recommendation was made to move the group under the umbrella of SFF as a standardization organization. ECMA is also mentioned as a standardization organization. The possibility of a T10 Technical Report or Standard is also raised. A straw poll vote to attempt to keep this group under T10 approved 12:0:4.
- Paul will ask John Lohmeyer his opinion on staying under T10 as either a Technical Report or a Standard.
- The group agrees that no proprietary information should be discussed.
- Michael Banther of HP presented a proposed Intellectual Property Rights statement.

- The group decided that once the group selects a standardization organization, the rules of that organization should apply.

A straw poll vote on the statement “No one shall reveal proprietary information in any presentation, emails, or other communications” proposed by Paul Suhler. Seconded by Eric Oetting. Approved without dissent.

Robert Griswold proposed that we adopt the rules of T10 Working Groups relative to voting for today’s proceedings. Seconded by Micheal Banther of HP. Approved by acclimation.

3.4 General Technical Issues

Paul Suhler presented “MC DTE issues 001.pdf” (01-349r0). A discussion about physical and transport layer interfaces was started by a requirement from Tandberg that both library commands and diagnostics interface commands be carried on the same cable. HP requested some discussion with the library vendors about the use of multi-port communications. Several configurations were discussed with no conclusions. USB and Ethernet were mentioned as alternatives to RS-422 and I²C.

Rod Wideman of ADIC presented his paper titled “MC/DTE Interface Issues – Comments”.

Curtis Anderson presented and Email titled “Re: Call for Participation: Library/Drive Interface”.

John Lohmeyer talked to the group about the requirements for a T10 Technical Report or Standard. Paul Suhler suggested we address this issue now. Paul moved that we “this interface work be done as a T10 standard”. Seconded by Bob Griswold. Passed without dissent.

Michael Banther of HP made a presentation titled “HP_Spec.ppt”. This is presentation discusses the release of their interface specification to the public domain and contains an overview of their specification. Next Michael presented ACI specification version 4.0.1.

Paul Suhler of Seagate presented “LTO Drive / Tape Library Interface SCSI Encapsulated Protocol”. (01-346r0).

4. Unscheduled business

The group decided on a 3-letter acronym of ADI for “Automation Drive Interface”.

5. Next meeting requirements

The next meeting will be held during T10 week in January, 2002 at a time to be determined by the Plenary.

6. Review of action items

Bob Griswold will produce a Project Proposal to submit to T10 for a standard for this interface.

Bob Griswold will prepare a shell document from which to develop the standard.

Everyone interested should critic each document and submit a written report to T10.

Any company that wishes may submit their automation interface for consideration, by way of a T10 numbered proposal.

Paul Suhler will re-submit his proposal with the “Seagate Confidential” footer removed.

Each document that was presented today is to be submitted to T10 as a numbered proposal.

7. Adjournment

The meeting adjourned at 4:00.