

Draft Minutes
Automation/Drive Interface (ADI) Working Group
Ad Hoc Teleconference
T10/03-161r0
23 April 2003
8:00 AM – 10:00 AM PDT

Conference Call Information:

Hosted by: ADIC
Toll Free: 877-988-2405
International: 712-884-0228
Pass code: 108356

1. Introductions: Group

Paul Suhler called the teleconference to order at 8:04 AM PDT. He thanked ADIC for hosting the call. A table of the attendees appears at the end of these minutes.
2. Approval of the agenda: 03-162r0 Paul Suhler

Paul Suhler suggested re-ordering the list of discussion items to move 03-165r0 to item b. Paul Suhler requested approval of the agenda as modified. The group agreed to the agenda by acclamation.
3. Approval of previous meeting minutes: Paul Suhler

8 April 2003 teleconference 03-159r0
Paul Suhler requested comments for the minutes of the 8 April 2003 teleconference, 03-159r0. No comments were forthcoming.
4. Call for Patents Paul Suhler

Paul Suhler issued a call for patents. No one in the group responded.
5. Review of action items: Michael Banther
 - a. Rod Wideman to produce a proposal for device server interaction section in ADC document. *Carryover*
 - b. Lee Jesionowski to create a proposal for method to convey Interface Status changed. *Carryover*
 - c. Paul Entzel to write up a proposal for the ADC model of TapeAlert. *Carryover*, waiting for an SSC version from Dave Peterson. Paul Entzel will host a discussion at the May meeting.
 - d. Bob Griswold to follow up with SNIA Interoperability Conformance Test Program (ICTP) Subcommittee regarding test/emulation tool. *Carryover*
 - e. Rod Wideman will incorporate 03-042r2 as modified into ADC. *Closed*

- f. Rod Wideman will incorporate 03-106r0 as modified into ADC. *Closed*
- g. Rod Wideman will incorporate 03-113r0 into ADC. *Closed*
- h. All will review nomenclature and propose changes, specifically port references and device server references. *Carryover*, Rod Wideman has changed ADCr02 to 'data transfer device' nomenclature.
- i. Rod Wideman will remove the READ POSITION command from table 2 of ADC r01. *Closed*
- j. Paul Entzel will propose text for ADT to disallow protocol-specific mode pages. *Closed*
- k. Michael Banther to propose corrections to the physical section of ADT. *Carryover*
- l. Paul Suhler will revise 03-140 based on discussion. *Closed*
- m. Paul Suhler will revise 03-095 based on the discussion. *Closed*
- n. Paul Suhler will revise 03-087 based on the discussion including a new command to indicate that automation is giving up on a load. *Closed*, new command proposed in 03-165.
- o. Paul Entzel will revise 03-153 per the discussion. *Closed*
- p. Paul Entzel will incorporate 03-152 and 03-153 as revised into ADT. *Closed*, Paul Entzel expects to issue a new revision of ADT before the May meeting.
- q. Paul Suhler will send an e-mail stating the decision of the group to stay with the proposed connector to T10 and JST and Molex. *Closed*

6. Discussion items:

- a. ADI Bridging Proposal 03-077r5 Paul Suhler

Paul Suhler walked the group through the revisions. This review revealed that the last three bullet items in the list of revision 5 changes do not apply to the revision and should be disregarded.

Susan Gray raised a concern in an e-mail about whether the text implied mandatory caching. Paul Suhler asked whether it should be mandatory or not. Both Rod Wideman and Paul Entzel voiced their belief that it should not. Paul Suhler agreed to remove the offending text and check the proposal for consistency with optional caching.

Paul Suhler asked if the Notify Data Transfer Device command is mandatory. Paul Entzel pointed out that rejecting the command provides the tape drive with a way to tell the automation that the tape drive is not caching even though it supports bridging. We discussed how an automation-drive combination could use this command. We agreed that the 'shall' clauses associated with the local device server should change to 'may'.

Paul Suhler asked if the command should be subject to Unit Attention conditions or Not Ready conditions. The group agreed that it should not be subject to these conditions.

- c. ADC Drawings 03-140r1 Paul Suhler

Paul Suhler briefly reviewed the changes to the drawings since the last revision.

Rod Wideman pointed out that he has already incorporated the first two drawings to ADCr02.

Paul Suhler made a motion to incorporate 03-140r1 as appropriate into ADC and ADT. Lee Jesionowski seconded the motion. The group passed the motion by acclimation.

- d. ADC Data Transfer Device Status Masking 03-087r2 Paul Suhler

Paul Suhler briefly reviewed the changes since the last revision.

Paul Suhler made a motion to incorporate 03-087r2 into ADC. Rod Wideman seconded the motion. The group passed the motion by acclimation.

- e. ADC Recovery Requested Log Page 03-095r2 Paul Suhler

Paul Suhler asked for comments. Lee Jesionowski asked whether recovery action 0Bh really only occurred without other recovery actions as stated in the text. After some discussion, we agreed that the text needs another recovery action to remove the media. Paul Suhler agreed to add the additional recovery action.

Rod Wideman made a motion to incorporate 03-095r2 as revised into ADC. Paul Suhler seconded the motion. The group passed the motion by acclimation.

- f. Add content to model section of ADT 03-163r0 Paul Entzel

Paul Entzel asked for comments by e-mail. He pointed out that this proposal mostly moves text around but that a few new sections appear: 4.2 – Port State, 4.4 – ACK Offset, and 4.5 – Frame Number.

7. Unscheduled business:

The group did not discuss any unscheduled business.

8. Next meeting requirements: Paul Suhler

The group will hold a meeting 5-6 May 2003 during T10 plenary week in Nashua, NH. The meeting will begin on the 5th immediately after the T10 SMC-2/SSC-2 Working Group meetings finish. The meeting time on the 6th will occupy the entire day, concluding at 6:00 PM EDT.

9. Review new action items: Michael Banther

- a. Paul Suhler will revise 03-165 per discussion item b.
- b. Paul Suhler will revise 03-077 per discussion item a.
- c. Paul Suhler will send the source for 03-140r1 to Paul Entzel.
- d. Paul Entzel will incorporate 03-140r1 into ADT.
- e. Rod Wideman will incorporate the third figure from 03-140r1 into ADC.

- f. Paul Suhler will send 03-087r2 to Rod Wideman.
- g. Rod Wideman will incorporate 03-087r2 into ADC.
- h. Paul Suhler will revise 03-095r2 per discussion item e and send to Rod Wideman.
- i. Rod Wideman will incorporate 03-095r2 as revised into ADC.

10. Adjournment:

Group

Rod Wideman made a motion for adjournment. Michael Banther seconded the motion. The group passed the motion by acclamation. Paul Suhler adjourned the group at 9:57 AM PDT.

Attendees:

| Name | Organization | E-mail |
|-----------------|--------------|---------------------------|
| Rod Wideman | ADIC | rod.wideman@adic.com |
| Paul Suhler | Certance | paul.a.suhler@seagate.com |
| Michael Banther | HP | michael_banther@hp.com |
| Lee Jesionowski | IBM | ljesion@us.ibm.com |
| Paul Entzel | Quantum | paul.entzel@quantum.com |