

Draft Minutes
Automation/Drive Interface (ADI) Working Group
Ad Hoc Meeting
T10/05-030r1
17 January 2005
9:00 AM – 1:00 PM PST
Las Vegas, NV

1 Introductions:

Paul Suhler called the meeting to order at 9:01 AM MST. He thanked Hitachi Global Storage for hosting the meeting. A table of the attendees appears at the end of these minutes.

2 Approval of the agenda:

Paul Suhler discussed the order of the discussion items. No one requested a change.

Paul Suhler made a motion for acceptance of the modified agenda. Kevin Butt seconded the motion. In the absence of objections or abstentions, the group passed the motion unanimously.

3 Comments on previous meeting minutes:

8 November 2004 meeting [04-385r0](#)

Paul Suhler requested corrections for the minutes of the 8 November 2004 meeting, 04-385r0. No one offered corrections.

Michael Banther made a motion for acceptance of the minutes as written. Susan Gray seconded the motion. In the absence of objections or abstentions, the group passed the motion unanimously.

4 Review of action items:

- a. Michael Banther will write a proposal to place all of the IU statements associated with entry into a state in the state description sub-clause and to remove such statements from the transition sub-clauses (remembering to rationalize incomplete statements). This proposal will also change the description of each state machine to clearly indicate what state it is in upon activation. He will produce this proposal for the September or November 2004 meeting. *Carryover*
- b. Kevin Butt will write a proposal against SPC-3 to add automation type MAM attributes (reference ADC letter ballot [04-197r1](#), comment IBM Roberts - 2). *Carryover*
- c. Paul Suhler will add [04-364r0](#) to the list of ADI-2 work (reference [04-263r3](#)). *Closed*
- d. Paul Entzel will incorporate [04-348r2](#) into ADT. *Closed*
- e. Paul Suhler will write a proposal based on discussion item (c) of [04-385r0](#). *Carryover*
- f. Michael Banther will revise [04-379r0](#) per discussion item (d) of [04-385r0](#). *Closed*
- g. Paul Entzel will incorporate [04-379r0 as revised](#) into ADT. *Closed*

- h. Paul Suhler will add optional transport features to link negotiation in ADT-2 (reference [04-263r3](#)). *Closed*
- i. Paul Entzel will produce ADTr14 and [04-162r2](#). *Closed*
- j. Paul Entzel will report that [04-162r2](#) resolves the ADT letter ballot comments, that ADTr14 incorporates the ADT letter ballot comment resolutions in [04-162r2](#), and that the ADI working group recommends that ADTr14 be forwarded to INCITS for first public review. *Closed*

5 Discussion items:

5.1 **Add a new ADT Link Service IU - Device Reset IU ([04-364r0](#)) [Bondurant]**

Paul Entzel reviewed the proposal with the group. He explained that this Information Unit (IU) is meant to replace the Target Reset task management function. The group discovered that ADT-2 may contain a more general problem: how does an ADT port respond to receipt of an optional link service IU that it does not support? We worked our way through the proposal generating comments for revision.

Paul Entzel will generate a revised proposal for further consideration.

5.2 **ADT Port State Machine, IU Statements in State Sub-clause ([04-369r0](#)) [Banther]**

Michael Banther described the proposal. The working group reviewed it in detail.

Rod Wideman made a motion for the incorporation of 04-369r0 into ADT-2. Kevin Butt seconded the motion. In the absence of objections or abstentions, the group passed the motion unanimously.

5.3 **ADT TE Sub-state Machine, IU Statements in State Description Sub-clause ([04-381r0](#)) [Banther]**

Michael Banther described the proposal, and the working group reviewed it.

Michael Banther made a motion for the incorporation of 04-381r0 into ADT-2. Kevin Butt seconded the motion. In the absence of objections or abstentions, the group passed the motion unanimously.

5.4 **SPC-4 and ADC-2, add new ADC-2 command to set Volume Tag ([05-015r0](#)) [Entzel].**

Paul Entzel introduced the proposal. The group discussed the proposal in detail and generated comments for revision.

Paul Entzel will generate a revised proposal for further consideration.

5.5 **ADC-2 port specific pages for SAS ([05-022r0](#)) [VonLintel]**

Paul Entzel walked the group through the proposal.

Paul Entzel moved for acceptance into ADT-2. Paul Suhler seconded. Rod Wideman noted that the proposal contains several editorial problems that need addressing.

Michael Banther made a motion to table the proposal until March, 2005. No second was forthcoming and the motion to table the proposal did not progress further.

Paul Suhler asked if Paul Entzel intended to clean up the editorial problems prior to incorporation. Paul Entzel agreed to consider any editorial comments sent to him.

The motion passed on a vote of 5-0-1.

6 **Unscheduled business:**

6.1 **ANSI edits to ADC**

Rod Wideman described a message he received from ANSI regarding ADC. He has received some comments to change some typographical errors and has responded to these comments. He has also retrofitted the acceptable changes requested by ANSI into the draft ADC-2 text.

7 **Next meeting requirements:**

Subject to approval by the T10 Plenary, the group will hold a meeting 7 March 2005 during T10 plenary week in Dana Point, California beginning at 9:00 AM and concluding at 1:00 PM.

8 **Review new action items:**

- a. Rod Wideman will provide the ADC-2 source document to Paul Entzel.
- b. Paul Entzel will revise [04-364r0](#) per discussion item 5.1.
- c. Paul Entzel will revise [05-015r0](#) per discussion item 5.4.
- d. Paul Entzel will incorporate [05-022r0](#) into ADC-2.
- e. Paul Entzel will incorporate [04-381r0](#) into ADT-2.
- f. Paul Entzel will incorporate [04-369r0](#) into ADT-2.

9 **Adjournment:**

Michael Banther made a motion for adjournment. Kevin Butt seconded the motion. The group passed the motion unanimously. Paul Suhler adjourned the group at 2:29 PM MST.

Attendees:

Name	Organization	E-mail
Rod Wideman	ADIC	rod dot wideman at adic dot com
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Kevin Butt	IBM	kdbutt at us dot ibm dot com
David Hawks	Iomega	hawks at iomega dot com
Paul Entzel	Quantum	paul dot entzel at quantum dot com
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