

Draft Minutes
Automation/Drive Interface (ADI) Working Group
Ad Hoc Teleconference
T10/04-267r0
19 August 2004
7:30 AM – 9:30 AM PDT

1. Introductions: Group

Paul Suhler called the meeting to order at 7:33 AM PDT on 19 August 2004. He thanked IBM for hosting the meeting. A table of the attendees appears at the end of these minutes.

2. Approval of the agenda: Paul Suhler

Paul Suhler discussed the order of the discussion items. The group agreed to leave the items as published.

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

3. Comments on previous meeting minutes: Paul Suhler

12 July 2004 meeting	04-199r0
29 July 2004 teleconference	04-244r0
5 August 2004 teleconference	04-253r0
9 August 2004 teleconference	04-256r1
12 August 2004 teleconference	04-261r0
16 August 2004 teleconference	04-266r0

Paul Suhler requested comments for the minutes of the 12 July 2004 meeting and the following teleconferences: 29 July 2004, 5 August 2004, 9 August 2004, 12 August 2004, and 16 August 2004 – 04-199r0, 04-244r0, 04-253r0, 04-256r1, 04-261r0, and 04-266r0 respectively. Rod Wideman mentioned that action item d should be ADIC-47 not 148.

4. Review of action items: Susan Gray
- a. Kevin Butt will investigate writing a proposal against IBM's ADT letter ballot comment 27. *Carryover*
 - b. 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*
 - c. Kevin Butt to bring in proposal for ADC Letter Ballot comments IBM Butt – 1 & IBM Butt - 2 (Drive Dump). *Carryover*
 - d. Rod Wideman write a proposal for ADC Letter Ballot comment ADIC-148. *Carryover*

- e. Rod Wideman write a proposal for ADC Letter Ballot comment ADIC-50. *Carryover*
- f. Kevin Butt will generate two proposals, one for CAP and one for ADC (reference ADC letter ballot [04-197r1](#), comment HP-139). The CAP proposal will add Service Action In/Out commands to support Set/Get Time. The ADC proposal will add new command references for these commands to ADC. *Carryover*
- g. Paul Entzel will incorporate [04-231r0](#) as revised into ADT. *Closed*
- h. Rod Wideman will incorporate [04-228r0](#) as revised into ADC. *Closed*
- i. Michael Banther will bring in a proposal to address ADC letter ballot ([04-197r1](#)) comment HP-225. *Carryover*
- j. Michael Banther will bring in a proposal to CAP to add a LOGICAL UNIT NOT READY, OFFLINE ASC/ASCQ to SPC-3, reference ADC letter ballot ([04-197r1](#)) comment HP-226. *Carryover*
- k. Kevin Butt will write a proposal via e-mail to change the paragraph in 6.2.2.3.1 regarding DENOVR and SELECT WRITE DENSITY parameters, reference ADC letter ballot ([03-385r2](#)) comments IBM PENOKIE-414 and HP-230. *Carryover*
- l. Michael Banther will send an e-mail to clarify the text for the AUTODROFF bit, reference ADC letter ballot ([04-197r1](#)) comment HP-232. *Carryover*
- m. Paul Suhler will add to [04-263r0](#) FC port fail-over to the list of ADI-2 features considered, reference ADC letter ballot ([04-197r1](#)) comment HP-268. *Closed*, [04-263r1](#).

5. Discussion items:

- a. ADI - ADC Letter Ballot comment discussion items ([04-197r1](#)) [Wideman].

Rod Wideman led the group through resolution of ADC letter ballot comments. There is only one item left to resolve.
- b. ADT: Allow a non-zero first burst length in any SCSI Command IU ([04-265r0](#)) [Hawks]

The group discussed this proposal and made suggestions for minor wording changes.

Kevin Butt made a motion for incorporation of [04-265r0](#) as revised into ADT. Paul Entzel seconded the motion. In the absence of objections or abstentions, the group passed the motion unanimously.
- c. ADT - Suggested Resolution of LB Comment Seagate-23 ([04-239r0](#)) [Suhler]

The group discussed the effects of the two approaches and decided that approach B was the cleaner method for resolving the issue. The discussion of approach A lead the group to the conclusion that it needed to add new states to the state machine.

Paul Suhler made a motion for incorporation of [04-239r0](#) as revised into ADT. Kevin Butt seconded the motion. In the absence of objection or abstentions, the group passed the motion unanimously.
- d. ADT Non-Link Service Frames With Zero Frame Number ([04-258r0](#)) [Banther].

The group did not consider this item due to lack of time.
- e. ADT Mode Pages Not Supported ([04-259r0](#)) [Banther].

The group did not consider this item due to lack of time.

6. **Unscheduled business:**

No one raised unscheduled business.

7. **Next meeting requirements:**

Paul Suhler

The working group will hold a teleconference on Monday, 23 August 2004 starting at 8:00 AM and concluding at 10:00 AM PDT. Certance will host.

Paul Suhler will consider scheduling further conference calls before the next T10 week. The actual number will depend on need and availability.

The group will hold a meeting 13 and 14 September 2004 during T10 plenary week in Nashua, New Hampshire beginning at 9:00 AM on 13 September and concluding at 10:00 AM on 14 September.

8. **Review new action items:**

Susan Gray

- a. 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).
- b. David Hawks will revise [04-265r0](#) per discussion item (b).
- c. Paul Entzel will incorporate [04-265r0](#) as revised into ADT.
- d. Paul Suhler will revise [04-239r0](#) per discussion item (c).
- e. Paul Entzel will incorporate [04-239r0](#) as revised into ADT.

9. **Adjournment:**

Group

Rod Wideman made a motion for adjournment. Paul Suhler seconded the motion. The group passed the motion unanimously. Paul Suhler adjourned the group at 9:28 AM PDT.

Attendees:

Name	Organization	E-mail
Rod Wideman	ADIC	rod dot wideman at adic dot com
Paul Suhler	Certance	paul dot a dot suhler at certance dot com
Kevin Butt	IBM	kdbutt at us dot ibm dot com
David Hawks	Iomega	hawks at iomega dot com
Matthew Bondurant	Quantum	matthew dot Bondurant at quantum dot com
Paul Entzel	Quantum	paul dot entzel at quantum dot com
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