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Draft Minutes
Automation/Drive Interface (ADI) Working Group
Ad Hoc Teleconference
T10/04-266r0
16 August 2004
8:00 AM – 10:00 AM PDT

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1. Introductions: Group

    Paul Suhler called the meeting to order at 8:03 AM PDT on 16 August 2004. He thanked HP
    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 order
    as published but requested addition of two recent ADT proposals.

    Kevin Butt made a motion for acceptance of the modified agenda. Rod Wideman 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

    Paul Suhler requested comments for the minutes of the 12 July 2004 meeting, the 29 July
    2004 teleconference, the 5 August 2004 teleconference, the 9 August 2004 teleconference,
    and the 12 August 2004 teleconference – 04-199r0, 04-244r0, 04-253r0, 04-256r1, and 04-
    261r0 respectively. No comments were forthcoming.

4. Review of action items: Michael Banther

    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. Paul Suhler will write a proposal against Seagate ADT letter ballot comment 23. *Closed*,
        04-239r0.

d. David Hawks will write a proposal to allow a nonzero first burst length field for all commands to leave determination of data direction with the target port without using direction bits. *Closed*, 04-265r0.

e. Kevin Butt to bring in proposal for ADC Letter Ballot comments IBM Butt – 1 & IBM Butt - 2 (Drive Dump). *Carryover*

f. Rod Wideman write a proposal for ADC Letter Ballot comment ADIC-148. *Carryover*

g. Rod Wideman write a proposal for ADC Letter Ballot comment ADIC-50. *Carryover*

h. Paul Suhler will add consideration of the interaction between the VHF Data WRTP bit and WORM cartridges to 03-133r8. Reference: ADC letter ballot 04-197r1, comment HP-159. *Closed*, 04-263r0.

i. 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*

j. Kevin Butt will revise 04-231r0 per discussion item (a) of 04-261r0. *Closed*, 04-231r1.

k. Paul Entzel will incorporate 04-231r0 as revised into ADT. *Carryover*

l. Kevin Butt will revise 04-228r0 per discussion item (b) of 04-261r0. *Closed*, 04-228r1.

m. Rod Wideman will incorporate 04-228r0 as revised into ADC. *Carryover*

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. With perseverance, the group finished consideration of the HP letter ballot comments.

b. ADT Non-Link Service Frames With Zero Frame Number (04-258r0) [Banther].

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

c. ADT Mode Pages Not Supported (04-259r0) [Banther].

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

6. Unscheduled business:

a. ADT: Allow a non-zero first burst length in any SCSI Command IU (04-265r0) [Hawks]

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

b. ADT - Suggested Resolution of LB Comment Seagate-23 (04-239r0) [Suhler]

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

7. Next meeting requirements: Paul Suhler

The working group will hold a teleconference on Thursday, 19 August 2004 starting at 7:30 AM and concluding at 9:30 AM PDT. IBM will host.

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: Michael Banther

    a. Michael Banther will bring in a proposal to address ADC letter ballot (04-197r1) comment HP-225.

    b. 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.

    c. 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.

    d. Michael Banther will send an e-mail to clarify the text for the AUTODROFF bit, reference ADC letter ballot (04-197r1) comment HP-232.

    e. 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.

9. Adjournment: Group

    Rod Wideman made a motion for adjournment. Michael Banther seconded the motion. The group passed the motion unanimously. Paul Suhler adjourned the group at 10:12 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
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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
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Susan Gray	Quantum	susan dot gray at quantum dot com
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