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Draft Minutes
Automation/Drive Interface (ADI) Working Group
Ad Hoc Meeting
T10/07-107r0
12 March 2007
9:00 AM – 1:00 PM CDT
Memphis, Tennessee

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1 Introductions:

Paul Suhler called the teleconference to order at 9:03 AM CDT. He thanked STA for hosting the meeting. A table of the attendees appears at the end of these minutes.

2 Approval of the agenda:

Paul Suhler reviewed the order of the discussion items. Noud Snelder requested addition of 07-060r0. Geoff Barton requested the addition of a discussion of PREVENT ALLOW MEDIUM REMOVAL and the interactions between the ADC and local SMC device servers.

Kevin Butt made a motion for acceptance of the agenda as modified. Noud Snelder seconded the motion. In the absence of objections or abstentions, the group approved the modified agenda unanimously.

3 Approval of previous meeting minutes:

15 January 2007 meeting	07-021r0
31 January 2007 teleconference	07-050r0
28 February 2007 teleconference	07-065r0

Paul Suhler requested corrections for the minutes of the 15 January 2007 meeting and the 31 January and 28 February teleconferences, 07-021r0, 07-050r0, and 07-065r0 respectively. No one provided comments or corrections.

Rod Wideman made a motion for acceptance of the minutes as written. Kevin Butt seconded the motion. In the absence of objections or abstentions, the group approved the minutes unanimously.

4 Review of action items:

06-001   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*.

07-003   Kevin Butt will revise 06-468r1 per discussion item 5.3 of 07-021r0. *Closed*, 06-468r2.

07-005   Michael Banther will prepare a proposal to resolve ADC-2 letter ballot comment HPQ-84. *Carryover*.

07-007   Paul Suhler will revise 06-425r1 per discussion item 5.1 of 07-050r0. *Closed*, 06-425r2.

07-011   Rod Wideman will bring in a proposal to resolve ADC-2 letter ballot comment QTM-157. *Carryover*.

07-012   Rod Wideman will bring in a proposal to resolve ADC-2 letter ballot comment QTM-159. *Carryover*.

07-013   Rod Wideman will bring in a proposal to resolve ADC-2 letter ballot comment QTM-183. *Carryover*.

07-014   Michael Banther will bring in a proposal to resolve ADC-2 letter ballot comment HPQ-269. *Carryover*.

5   Old business:

5.1   *ADC-2 Working List for ISV feedback (SMC/SSC/ADC/SPC) (05-315r3) [Butt]*

At the author's request, the group deferred discussion of this proposal until the next meeting.

5.2   *ADC-2 Letter Ballot Comment Resolution (06-475r2) [Entzel]*

Paul Entzel led the group through ADC-2 letter ballot comment resolution.

5.3   *ADI: Features for ADC-2 and ADT-2 (06-060r5) [Suhler]*

At the author's request, the group deferred discussion of this proposal until the next meeting.

5.4   *ADI: Features for ADC-3 and ADT-3 (06-425r2) [Suhler]*

At the author's request, the group deferred discussion of this proposal until the next meeting.

6   New business:

6.1   *ADT-2: Clarify handling of errors in an ADT initiator port (07-088r0) [Entzel]*

Paul Entzel introduced this proposal. It covers an exception case when an ADT initiator port receives a SCSI Transfer Ready IU of incorrect length. Paul's proposal replaces some ambiguous text with new text that conforms to the SCSI architecture.

Kevin Butt made a motion to incorporate 07-088r0 into ADT-2. Rod Wideman seconded the motion.

Michael Banther pointed out an ambiguity around the term 'task' used in the proposal. Paul Entzel suggested changing the phrase 'initiated the task' to 'generated the command'. Michael agreed to this phrasing.

Rod Wideman pointed out an ambiguity regarding the modifying phrase 'using the Command Complete Received'. Did the application client initiate the task using the Command Complete Received transport protocol service or did the ADT initiator port send the Command Complete Received transport protocol service? Paul Entzel agreed to a modification that resolves the ambiguity in favor of the latter interpretation.

Michael Banther made a motion for a friendly amendment to incorporate the modifications recorded above to Kevin Butt's proposal. Rod Wideman seconded the friendly amendment. In the absence of objections or abstentions, the group passed both motions unanimously.

6.2   *Process commands during not ready state ([07-060r0](#)) [Snelder]*

Noud Snelder introduced his proposal. It adds a column to the Command Summary table in SMC-3 that indicates whether the device server must be in the Ready state in order to execute a command. For ADC-2, the proposal seeks a change in the clause for ADI Bridging, Caching SMC Data. The change seeks to link the existing text, regarding termination of commands by a local SMC device server due to Not Ready state within the remote SMC device server, to the newly proposed column in SMC-3.

The group debated the need for, and the appropriate way to, reference SMC-3 in this clause of ADC-2. Paul Entzel agreed to add a reference to SMC-3 as an editorial change to ADC-2. The group agreed that no further activity on this proposal is needed by the ADI-2 working group.

6.3   *Discussion of Prevent Allow Media Removal [Barton]*

The group did not discuss this issue due to lack of time.

7   Next meeting requirements:

Subject to approval by the March, 2007 T10 Plenary, the group will hold teleconferences on 4 April 2007 and 18 April 2007. Both teleconferences will begin at 8:00 AM PDT and conclude at 10:00 AM PDT. HP will host both teleconference.

Subject to approval by the March, 2007 T10 Plenary, the group will hold a meeting 7 May 2007 during T10 plenary week in Seattle, Washington beginning at 9:00 AM PDT and concluding at 1:00 PM PDT.

8   Review new action items:

07-015   Paul Entzel will bring in a proposal to resolve ADC-2 letter ballot comments Dell-118, Dell-120, and HPQ-248.

07-016   Michael Banther will bring in a proposal to resolve the portion of ADC-2 letter ballot comment HPQ-244 that refers to multi-ported devices that need to have separate device names per transport protocol.

07-017   Kevin Butt will bring in a proposal to resolve ADC-2 letter ballot comment IBM-52.

07-018   Kevin Marks will bring in a proposal to resolve ADC-2 letter ballot comments HPQ-215 and QTM-92.

07-019   Paul Suhler will add to the work items for ADI-3, 06-425, any letter ballot comment resolutions in 06-475 that are marked for consideration in ADC-3.

07-020   Curtis Ballard or Michael Banther will investigate bringing in a proposal to resolve ADC-2 letter ballot comment IBM-49 by the May, 2007 ADI-2 meeting.

07-021   Paul Entzel will revise [07-088r0](#) per new business item 6.1.

07-022   Paul Enzel will incorporate [07-088r0](#) as revised into ADT-2.

9   Adjournment:

Rod Wideman made a motion for adjournment. Kevin Butt seconded the motion. The group passed the motion unanimously. Paul Suhler adjourned the group at 1:12 PM CDT.

Attendees:

Name	Status	Organization
Mr. Noud Snelder	V	BDT
Mr. Curtis Ballard	V	Hewlett Packard Co.
Mr. Michael Banther	A	Hewlett Packard Co.
Mr. Kevin Butt	A	IBM Corp.
Mr. Geoffrey Barton	V	Overland Storage
Mr. Paul Entzel	P	Quantum Corp.
Dr. Paul Suhler	A	Quantum Corp.
Mr. Rod Wideman	V	Quantum Corp.

Status Key:	P	-	Principal
	A,A#	-	Alternate
	AV	-	Advisory Member
	L	-	Liaison
	V	-	Visitor