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Draft Minutes
Automation/Drive Interface (ADI) Working Group
Ad Hoc Teleconference
T10/04-253r0
5 August 2004
8:00 AM – 10:00 AM PDT

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1. Introductions: Group

    Rod Wideman called the meeting to order at 8:07 AM PDT on 5 August 2004. He thanked
    ADIC for hosting the meeting. A table of the attendees appears at the end of these minutes.

2. Approval of the agenda: Rod Wideman

    Rod Wideman discussed the order of the discussion items. We agreed to re-order the existing
    discussion items.

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

3. Comments on previous meeting minutes: Rod Wideman

12 July 2004 meeting	04-199r0
29 July 2004 teleconference	04-244r0

    Rod Wideman requested comments for the minutes of the 12 July 2004 meeting and the 29
    July 2004 teleconference – 04-199r0 and 04-244r0 respectively. Nothing one provided
    comments.

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). 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.
        Carryover

    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. *Carryover*

    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 to [03-133r7](#) consideration how automation devices shall read firmware from a tape in a DT device. *Closed*

    i.   Paul Suhler will add to [03-133r7](#) consideration of HP ADC letter ballot comment 88. *Closed*

    j.   Michael Banther will take a proposal into CAP to add a 'V' to Table C.2 in SPC-3 for op-code 9Fh. *Carryover*

5.   Discussion items:

    a.   Discussion of correct receiver behaviour upon reception of a non-Link Services Information Unit with Frame Number equal to zero [Banther].

         Michael Banther introduced the topic. He sent an e-mail back after the May meeting asking what should be the correct behaviour if a port receives a non-link services IU with Frame Number equal to zero. Rod Wideman read the original e-mail to the group. Susan Gray stated that she scanned ADT and found text that stated what to do upon reception of a Link Services IU with a Frame Number not equal to zero.

         Michael's original e-mail suggested using NAK Status code equal to 43h, Invalid or Illegal IU Received. Rod and Matthew Bondurant suggested adding a new NAK Status code. In the end the group agreed to use the existing code 43h.

         Michael Banther will bring in a proposal against ADT mandating response with NAK Status code of 43h upon reception of a non-link services IU with Frame Number equal to zero.

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

         Rod Wideman led the group through resolution of ADC letter ballot comments.

    c.   ADC: Proposed response to LB Comment Quantum 104 ([04-228r0](#)) [Butt].

         The group did not discuss this item due to Kevin Butt's absence.

    d.   ADT: Proposed response to LB Comment IBM-48 ([04-231r0](#)) [Butt].

         The group did not discuss this item due to Kevin Butt's absence.

6.   Unscheduled business:

     No one raised unscheduled business.

7.   Next meeting requirements: Rod Wideman

     Quantum will host a teleconference on 9 August 2004 beginning at 8:00 AM and concluding at 10:00 AM PDT.

     Paul Suhler will try to schedule further conference calls before the next T10 week. The actual number will depend on 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 against ADT mandating response with NAK
        Status code of 43h upon reception of a non-link services IU with Frame Number equal to
        zero.

    b. 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.

9. Adjournment: Group

    Michael Banther made a motion for adjournment. David Hawks seconded the motion. The
    group passed the motion unanimously. Rod Wideman adjourned the group at 10:01 AM
    PDT.

Attendees:

Name	Organization	E-mail
Rod Wideman	ADIC	rod.wideman@adic.com
Michael Banther	HP	michael.banther@hp.com
David Hawks	Iomega	hawks@iomega.com
Matthew Bondurant	Quantum	matthew.bondurant@quantum.com
Paul Entzel	Quantum	paul.entzel@quantum.com
Susan Gray	Quantum	susan.gray@quantum.com