Date: April 10, 1997
Project:
Ref. Doc.: T13/D97125R0 T10/97-162R0

To: Membership of T10 and T13

From: Pete McLean & Ron Roberts

Subject: Minutes of the Ad hoc meeting of Diskboys, on April 10 & 11, 1997

1. Opening remarks
Pete called the meeting to order at 9:15AM on Thursday 4/10/97. He thanked Curtis Stevens and Phoenix Technologies for hosting the meetings.

2. Charter
The charter of the Diskboys ad-hoc working group was presented. Pete stated that since these meetings were now be authorized by both NCITS T10 & T13 that votes taken were advisory and only one vote per company.

3. Agenda
The agenda was modified to that indicated below and was approved.

4. Review of minutes and old action items
March minutes were approved as modified. All 3 documents require OIU's...
Old Action Items:
        1. David Wooten - investigate merging stream task and flow control into one queue. Not to be completed - Remove from list.
        2. Scott Smyers - keep us informed on copy protection - to be continued
        3. Peter Johansson - new rev of SBP-2 - completed - remove from list.
        4. Dave Evans - put out note on proposed Tailgate reset table changes - carry over
        5. Jon Hanmann - raise Tailgate power control with Device Bay folks - carry over
        6. Dave Evans - resolve his concerns with M bit in Tailgate completed - remove from list
        7. Pete McLean - get ID number for Tailgate - completed - remove from list
        8. Mike Bryan - new rev of Mass Storage command profile - completed - remove from list
        9. Jon Hanmann - new rev of Tailgate - completed - remove from list
        10. Pete McLean - prepare project proposal to T10 for Mass Storage Command profile - completed - remove from list
        11. Randy Hines - new rev of C/DVD profile annex - completed - remove from list

5. SBP-2 [T10/1155D]
Discussion on use of Annex C insued about its use. No change was requested. Question - on Power-up what configures? if the device has not completed its power-on sequence it should present zero in the first word of the Config ROM. system should poll for Config ROM data. Question - what happens on CSR Reset? this reset functions like a power-on reset.

John Fuller proposed a change to make the page table mechanism less restrictive for devices other than disks (doc No. 97-156R0). Proposal was accepted as modified. Peter Johansson to make changes in document. John to provide a Rev 1 to Peter and place it on the reflector.

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John Fuller has requested that the device provides the maximum Queue depth to the host. Lot of discussion followed. John to bring proposal at next meeting.

5.1 Review of Isochronous clauses

Pete brought up two issues on Isoch. 1. How does editor find cycle marks?   2. How does device finds cycle marks if data is lost?   3. How do you find cycle marks?   4. What is in them?

5.2 Review Schedule

5.3 Schedule editorial review

5.3 Schedule editorial review - Pete will set up an editorial session in Natick. Peter will put possible dates for editing session on the reflector and everyone is to review and comment if they are interested in participating.

6. Tailgate document (T13/D97-107R3)

6.1 Technical issues - John Hanmann reviewed revision marks. Most of them were editorial. A code 6 has been added to the status block per Symbios request.

6.1.1 Bus reset action - No issue - remove from list

6.1.2 M bit - No issue - item removed from agenda

6.1.3 QueryLogin mandatory - item removed from agenda and moved to SBP-2.

6.2 T13 project proposal - 20-1-0-   Project proposal passed the T13 plenary 20-1-X. The one no vote was from Hale Landis. His reason is that this is not a T13 interface.

6.3 T13 UID assignment - Pete presented document T13/D97124R0 which defined the command set to be used. The IEEE identifier for Tailgate is recommended to be 00609E040000h.

6.4 Review schedule - Try to get time on the T13 agenda to reslove all of the remaining technical issues. Pete will request time.

6.5 Schedule editorial review -

7. Mass Storage Command profile

7.1 Technical issues - Mike Bryan reveiwed the changes noted in rev 0.8. One issue was resolved - in the Unit Power Management Registers section add "if the device changes a power state, other than by command, the change is to be sent to he Host by way of the Unsolicited Status.

7.1.1 Status response The length field will indicate the number of quadlets that shall be sent (8 or 16). Action Item - Randy Hines to present a proposal on the length of unsolicited status.

7.1.2 Additional commands - READ (6), and INQUERY will not be used/defined. TEST UNIT READY will be required.

7.1.3 C/DVD annex - Randy Hines presented Rev 0.1e of the C/DVD annex to the 1394 Mass Storage Device Profile.

7.2 Review T10 project proposal - Pete presented the project proposal that he will present to the T10 plenary in Mass in May.

7.3 Review schedule

7.4 Schedule editorial review

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8 Review of action items

    1. John Fuller to provide a Rev 1 of his proposed changes to SBP-2 to Peter and place it on the reflector.

    2. Curtis Stevens to submit e-mail to reflector to verify that implementations of unrestricted page tables can support scatter/gather.

    3. John Fuller to bring proposal for the device to present the maximum Queue depth.

    4. Pete McLean to contact Charles Monia for a room to hold an editorial session on SBP-2 in Natick

    5 Pete McLean to try to get time on T13 agenda for Tailgate. Request time to on front end of the agenda.

    6. Randy Hines to present a proposal on the length of unsolicited status.

    7. Peter Johansonn to make Query Login mandatory in SBP-2.

    8. Peter Johansonn to turn new rev of SBP-3.

    9. Jon Hanmann to turn new rev of Tailgate.

    10. Mike Bryan to turn new rev of Mass Storage Device profile.

9 Call for patents - Pete made a call for patents, anyone who knows of any patents or patent pendings should make this group aware of them.

10 Meeting schedule

11. Adjornment

Attendees

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