Fibre Channel Tape Profile Meeting   T11/98-567v0.pdf
Palm Springs, California, November 3, 1998.
Erich Oetting

1. Introductions: Group

Facilitator Dale LaFollette, StorageTek called the meeting to order at 1:30pm. He welcomed the participants and had everyone introduce themselves.

2. Approval of Agenda: T11/98-543v0 Group

Item "6.1,FCP-2 Issues Bob Snively" was added to the agenda. The agenda was then approved by the group.

3. Approval of 10/7 Minutes: T11/98-523v0 Dale LaFollette for Stewart Wyatt.

The group approved the minutes without change.

4. Old Action Items: Dale LaFollette for Stewart Wyatt.

#1 Jim Coomes will update the public/private address proposal. – Done,
#2 Stewart Wyatt to get a resolution on HP SCSI command comments. – Carry Forward.
3 Dave Peterson to get a copy of persistent reservation table for the document. – Done.
#4 Charles Binford to write up his consern about loss of read data sequence and post to the reflector. – Done.

5. Review SSC Changes.

Dave Peterson posted revision 1.13 of SSC on the reflector yesterday. He discussed a couple of open issues with the document. The Persistant Reservations table (46) in SSC was created from George Penokie's document T10/98-207r3. Dave was concerned that this has never been properly reviewed. Rob Bashem wanted clarification on how the Write Exclusive reservations are handled. Bob Snively proposed making Write Exclusive Persistant Reservations an illegal for SSC devices (rejecting the command). The group supported this suggestion and decided it should be presented to T10.

Tom Jackson asked why Mode Select was not listed in table 46. Bob Snively said this was covered in SPC. The group decided the documented behavior was correct for SSC devices. The behaviour of Mode Sense and Log Sense commands under reservations was also discussed, but no changes were suggested.

Dave Peterson asked about integrating Tape Alert with SSC and it was thought to be a good idea. Dave will pursue Tape Alert with the SCSI WG.

Rob Bashem asked why there was no room for Vendor Specific data in the tape alert pages, specifically an item for FRU id's, (Field Replaceable Units?) Bob Snively pointed out that other SCSI Log Pages, specifically the Last N Events page, are already in place. Dal Allen and Bob Snively started a conversation that drifted into the merits of SES and SCA-2 connectors before being called back to the subject at hand.

Rob Basham proposed that we make the Set Capacity command obsolete. No objections were heard on this.

Rob then commented on the difference in expected behavior between SCSI tape devices and Mainframe tape devices regarding EOD behavior. Some mainframe tapes will report EOD on a read or space operation and remain positioned after the EOD mark. SCSI devices typically end up before the EOD mark, and will not allow positioning past the mark. (Sometimes needed for recovery of data on a damaged tape, i.e. labeling the wrong tape and wanting to recovery the remaining data) It was discussed that a means to allow the SCSI device to position beyond the EOD was needed, mode select or position command code or parameter. No decisions were made at this time.

6. T10 new business: Group.

6.1 FCP-2 issues: T10/97-266r3 Bob Snively.

Bob Snively talked about the parameters on the FCP control mode select page as documented in the latest revision of FCP-2. Several small changes were suggested by the group, and will be integrated into the next revision of FCP-2. Bob Snively suggested that the Flag bit in the Control Byte should be made obsolete. The group agreed and Bob will propose this change to the T10 working group.

Bob Snively will produce a version of FCP-2 for the next mailing.

7. T11 New Business: Group.

8. Review New Action Items: Erich Oetting for Stewart Wyatt

#1 Stewart Wyatt will get a resolution on HP SCSI command comments.

#2 Erich Oetting will propose to the T10 working group that the Write Exclusive Persistent Reservations be made illegal for SSC devices.

#3 Erich Oetting will propose to the T10 working group that the communications device command set be made obsolete.

#4 Dave Peterson will attempt to document EOD behavior more precisely in SSC.

#5 Dave Peterson will enter a letter ballot to correct the I5 IU specified in FC-Tape.

#6 Bob Snively will take a recomendation to the T10 working group to obsolete the Flag bit in the Control byte.

#7 Bob Snively will enter a letter ballot comment to make FC-Tape compatable with the changes in FCP-2 regarding handling of CRN's. (8.2.1.1 and Annex D.)

#8 Bob Snively wil enter letter ballot comment to remove anexes from FC-Tape for items documented in FCP-2.

9. Adjournment: Group

The meeting was adjourned at 4:41 pm.