Draft Minutes
SSC-3 Woking Group Meeting
November 04, 2008
2:00 PM - 5:00 PM PST
Santa Ana, CA

1.   Opening remarks and introductions   Group

Dave Peterson convened the meeting on November 04, 2008 at 2:30 PM PST. He introduced himself as Chair, and thanked Western Digital for hosting the meeting.

1.1   Meeting guidelines (Anti-Trust)   Dave Peterson
The Chair stated that the meeting was operating under INCITS procedures, and called special attention to the ANSI patent policies and the INCITS antitrust policies (http://www.incits.org/inatrust.htm). The Chair noted that the INCITS Antitrust Guidelines applied to this committee meeting, and that it was the responsibility of all attendees, and not just the Officers, to ensure that the Guidelines are followed, and to terminate discussions if they are not.

1.2   Statement on Patents   Dave Peterson
Dave Peterson explained that this is a regular agenda item to identify any potential patent issues with developing standards and technical reports.

For additional information on ANSI procedures and the ANSI patent policy, please see the INCITS web page at http://www.incits.org/call.htm. Questions about this policy are to be referred to the participant's legal counsel or the ANSI General Counsel. The Chair showed the "three slides" from the INCITS pat_slides.pdf. No interpretation or explanation of the ISO/IEC/ITU patent policy was provided.

1.3   Meeting Documents   Dave Peterson
Dave Peterson noted that meeting documents are obtainable from www.t10.org. The agenda and meeting documents were posted in the required time frame.

1.4   Self-introductions   Group
Dave Peterson introduced himself as SSC-3 chair and Kevin Butt introduced himself as acting secretary for this meeting. Members introduced themselves.

2.   Approval of the Agenda   Group

An electronic version of the agenda T10/08-443r0 and supporting documents were accessible via the T10 web site. The chair presented the agenda, and made a call for any new agenda items. It was moved by Paul Suhler and seconded by Dale LaFollette that the agenda be approved as revised. The motion passed by unanimous consent.

3.   Attendance and Membership   Group

3.1   Gaining and Losing Voting Membership   Dave Peterson
Information on how membership is gained, maintained, and lost in any INCITS Technical

Committee or Task Group may be found at www.incits.org/rd2/main.htm. An overview of these requirements was introduced by the chair and was distributed to all attendees in the electronically distributed meeting documents.

3.2 Attendance for this meeting   Kevin Butt

The attendance at this meeting is as follows:

Organization Name	Representative	Membership Class (P, A, AA, L)
IBM Corp.	Kevin Butt	P
Brocade	Dave Peterson	P
Hewlett Packard Co.	Curtis Ballard	A
Symantec	Roger Cummings	P
Quantum	Paul Suhler	P
NetApp	Frederick Knight	P
EMC Corp.	Davie Black	A
ENDL Texas	Ralph Weber	P
Microsoft Corp.	Robert Griswold	P
Sun Microsystems, Inc	Dale LaFollette	P

4. Approval of Minutes of October Meeting   Dave Peterson

The October minutes (08-368r0) were reviewed. No issues were raised. Dave Peterson moved that the minutes be approved. Kevin Butt seconded the motion. The motion passed unanimously.

5. Review of Action Items   Kevin Butt

04Nov08-1   Dale LaFollette: Research and provide input regarding Letter Ballot comment EMC-001

Complete 08-410r0

04Nov08-2   Kevin Butt: Create proposal to resolve Letter Ballot SYM-019 item a.

Carry-Over

04Nov08-3   Kevin Butt: Create a proposal to resolve Letter Ballot IBM L2

08-391r0

04Nov08-4   Kevin Butt: Create a proposal to resolve Letter Ballot comment HPQ-70. Suggested to get away from "buffer" wording.

08-389r1

04Nov08-5   Working Group: Review Letter Ballot comment IBM-21

Carry-Over

04Nov08-6   Kevin Butt: Create a proposal to answer LB comment IBM-27

08-388r0

04Nov08-7   Working Group: Review IBM-38 to see if it can be accepted. IBM and HP say yes

Carry-Over

04Nov08-8   Curtis to revise and post SSC-3 Resolve LB comments QTM-rbw-103 and SYM-022 (08-350r0)

Complete as r1

04Nov08-9   Dave to incorporate SSC-3 Resolve LB comments QTM-rbw-103 and SYM-022 (08-350r1) into LB comment resolution document and SSC-3

Carry-Over

04Nov08-10   Curtis Ballard to revise and post SSC-3 Resolve LB comment HPQ-48 Removable Media Model Clause (08-351r0)

Complete as r1

04Nov08-11   Dave Peterson to incorporate SSC-3 Resolve LB comment HPQ-48 Removable Media Model Clause (08-351r0) as revised into SSC-3 and to update the LB comment resolution document.

Carry-Over

04Nov08-12   Dave Peterson to contact SMIS guru to discover if any of the SMIS commands cause a synchronize to occur. This is to be able to fill out the Management Protocol In/Out entries in table 21.

Carry-Over

04Nov08-13   Dave Peterson to propose synch and command type for the new commands in table 21.

Carry-Over

6.   Old business

6.1   General items   [Group]

6.1.1 Vendor Feedback (05-351r1)   [Group]

Deferred

6.1.2 SSC-3: Letter Ballot Comment resolution (08-095r5)   [Peterson]

6.2   Security-related items

7.   New Business

7.1   General items

7.1.1 SSC-3: Resolution to LB IBM-027 (PEWZ relation to REW) (08-388r0)   [Butt]

Kevin Butt made a motion to accept SSC-3: Resolution to LB IBM-027 (PEWZ relation to REW) (08-388r0) as revised as the resolution to LB IBM-027. Curtis Ballard seconded the motion. The motion passed unanimously.

REMOVE FROM AGENDA

7.1.2 SSC-3: Resolution to LB HPQ-070 (08-389r1**)** [Butt]

Kevin Butt made a motion to accept SSC-3: Resolution to LB HPQ-070 (08-389r1) as revised as the resolution to LB HPQ-070. Paul Suhler seconded the motion. The motion passed unanimously.

REMOVE FROM AGENDA

7.1.3 SSC-3: Letter Ballot comment IBM-L2 resolution (08-391r0**)** [Butt]

This proposal was discussed and edits taken.

7.1.4 SSC-3: Discussion of LB IBM-021 (CORL and CORP) (08-418r0**)** [Butt]

Kevin presented this and it was discussed. He pointed out a case where the key instance counter might not be guaranteed to see a change.

4.2.21.6 of SSC-3 list item c does not specify what some thought it was intended to. Curtis thought it should be a reservation loss for the I_T nexus that established the ALL I_T NEXUS scope of data encryption parameters.

The group agreed that there needs to be more clarification - potentially along the lines of the suggestion in this proposal.

7.1.5 SSC-3: Clarifying when sense data bits are set (08-406r0**)** [Butt]

Kevin Butt made a motion to accept SSC-3: Clarifying when sense data bits are set (08-406r0) as a late letter ballot comment. Dave Peterson seconded the motion. The motion passed on a unanimous vote.

REMOVE FROM AGENDA

7.1.6 SSC-3: Resolution to LB Comment EMC-001 (Multiple SDK support) (08-410r0**)** [LaFollette]

Dale presented the proposal.

ACTION ITEM: talk with Roger about this proposal.

7.2   Security-related items

8.   Items planned for SSC-4   Kevin Butt

8.1   Add additional activation conditions to TapeAlert.

See note in 05-154r3 to bring in new proposal for this additional info

8.2   Address the Volume model (07-409r1) proposal.

8.3   Address the Cleaning Model (07-219r1) proposal

8.4   Address the TapeAlert Cleaning Clarification (07-408r0) proposal

8.5   Tape end-to-end data protection - presentation (07-373r3)   [Butt]

8.6   Tape end-to-end data protection - proposal (07-374r3)   [Butt]

8.7   MAM and write protect (07-382r1)   [Banther]

8.8   Add TapeAlert flags for encryption

8.9   Do we add additional progress indications?
        Refer to email dated June 11, 2008 from Mike Berhan.

8.10   Prepare a proposal against SSC-4 to clarify the HOLD bit and LOAD bit combinations in the Load/Unload command.   [Butt]

8.11   SSC-3: LB Comment to Add AES Key Wrap as a Supported Key Format (08-155r0) [Ball]

9.   Future Meeting Schedule   Dave Peterson

The next meeting is scheduled for the same time in January.

10.   Action Items   Kevin Butt

Old Action Items:

04Nov08-2	Kevin Butt: Create proposal to resolve Letter Ballot SYM-019 item a.
04Nov08-5	Working Group: Review Letter Ballot comment IBM-21
04Nov08-7	Working Group: Review IBM-38 to see if it can be accepted. IBM and HP say yes
04Nov08-9	Dave to incorporate SSC-3 Resolve LB comments QTM-rbw-103 and SYM-022 (08-350r1) into LB comment resolution document and SSC-3
04Nov08-11	Dave Peterson to incorporate SSC-3 Resolve LB comment HPQ-48 Removable Media Model Clause (08-351r0) as revised into SSC-3 and to update the LB comment resolution document.
04Nov08-12	Dave Peterson to contact SMIS guru to discover if any of the SMIS commands cause a synchronize to occur. This is to be able to fill out the Management Protocol In/Out entries in table 21.
04Nov08-13	Dave Peterson to propose synch and command type for the new commands in table 21.

New Action Items:

04Nov08-14   Kevin Butt revise SSC-3: Resolution to LB IBM-027 (PEWZ relation to REW) (08-388r0) and post.

04Nov08-15   Dave Peterson to mark LB IBM-027 as resolved by SSC-3: Resolution to LB IBM-027 (PEWZ relation to REW) (08-388r0) as revised

04Nov08-16   Dave Peterson to incorporate SSC-3: Resolution to LB IBM-027 (PEWZ relation to REW) (08-388r0) as revised into SSC-3

04Nov08-17   Kevin Butt revise SSC-3: Resolution to LB HPQ-070 (08-389r1) and post.

04Nov08-18   Dave Peterson to mark LB IBM-027 as resolved by SSC-3: Resolution to LB HPQ-070 (08-389r1) as revised

04Nov08-19   Dave Peterson to incorporate SSC-3: Resolution to LB HPQ-070 (08-389r1) as revised into SSC-3

04Nov08-20   Dave Peterson to add SSC-3: Clarifying when sense data bits are set (08-406r0) as a late letter ballot comment to the Letter Ballot comment resolution document.

04Nov08-21   Dale Lafollette to talk to Roger Cummings about SSC-3: Resolution to LB Comment EMC-001 (Multiple SDK support) (08-410r0).

11. Adjournment

Dave Peterson moved and Kevin Butt seconded to adjourn at 4:45 PM PST. The motion passed by unanimous consent.