

Draft Minutes

T11.3 FC-SB-5 Work Group regular meeting

April, 2013

Albuquerque, NM

The FC-SB-5 working group of the Fibre Channel Protocol (T11.3) Task Group held a regular meeting in Albuquerque, NM, on April 08, 2013, hosted by the Fibre Channel Interface Association (FCIA). Attendance was tabulated at the end of this document.

Minutes were taken by Roger Dickerson (Oracle) (Roger.Dickerson@oracle.com). Please report any corrections by email to the T11.3 reflector at t11_3@mail.t11.org.

1 Opening remarks

2 Introductions

Chairperson Roger Hathorn (IBM) opened the regular meeting Monday, April 08, 2013 at 11:00 AM MST. He thanked our host, FCIA, and led a round of introductions.

3 Attendance and Membership

The chair explained that attendance is recorded electronically at www.t11.org/att, and explained the procedure. Attendance at this meeting does not count toward attendance at the plenaries of T11 and its task groups (i.e., being here will not get you out or keep you out of membership jeopardy).

The chair stated that all persons present are considered members of this meeting and may vote on questions, limited to one vote per company present. He advised that although T11 does not limit participation in the activities of its work groups to representatives of T11 member organizations, it requires nonmembers to identify themselves as such. Nonmembers that expect they may participate in the activities of T11 regularly were encouraged to become members.

Those responding are included in the attendance record. They were advised that by remaining in this meeting, they submit themselves and their organizations to INCITS policy for intellectual property, antitrust, and guest membership policy.

No one in attendance indicated they are not a member of INCITS T11.

4 Intellectual property

The chair indicated that among the rules and policies under which this working group operates are the ANSI intellectual property policies as specified in pages 1-3 of http://www.incits.org/pat_slides.pdf. He displayed these pages without comment or explanation, and directed that questions about the policy should be referred to the questioner's legal counsel or the ANSI General Counsel.

5 Antitrust

The chair indicated that among the rules and policies under which this working group operates are the INCITS Antitrust Guidelines. Any member of the meeting is responsible for objecting if he believes discussion in the meeting violates those guidelines. As examples, there should never be discussion of the following topics at any INCITS or INCITS subgroup meeting:

Any company's prices or pricing policies;
Specific R&D, sales and marketing plans;
Any company's confidential product, product development or production strategies;
Whether certain suppliers or customers will be served;
Prices paid to input sources; or
Complaints about individual firms or other actions that might tend to hinder a competitor in any market.

If such discussion is not immediately terminated, it is the chairperson's responsibility to terminate the meeting. The INCITS Antitrust Guidelines are available at <http://www.incits.org/inatrust.htm>.

6 Approval of Agenda

An agenda for the FC-SB-5 working group regular meeting April, 2013 has been posted as T11/13-110v1.

Patty Driever (IBM) moved and Mike Roy (Oracle) seconded to accept T11/13-110v1 as the agenda for this regular meeting. Approved unanimously.

7 Review of Past Business

8 Review of Minutes

The February 2013 (13-088v0) and March 2013 (13-111v0) meeting minutes were approved unanimously. Lou Ricci (EMC) moved, and Barry Maskas (HP) seconded the motion to approve the minutes. Approved unanimously.

9 Review of Old Action Items

Review of old items occurred after the new presentations. All old items were closed based on the information presented.

10 Old Business

There were no old business items held over from previous meetings.

11 New Business

These presentations were introduced at this meeting.

- FC-SB-5 draft 2.0 T11/13-117v0 Scott Carlson (IBM)

The SB-5 Editor delivered a draft document containing all resolved comments. This is the document version that is forwarded to INCITS for Public Review.

A motion was made to forward the draft 13-117v0 to INCITS. Landon Nolls (Cisco) made the motion, and Lou Ricci (EMC) seconded. The motion was approved with 9 companies in favor, 0 against, and 0 abstain.

Opened an action item SB5023, Roger Hathorn to request that this document be forwarded to INCITS.

- Letter Ballot Comment Resolution Roger Hathorn (IBM)

FC-SB-5 Rev 1.0 = T11/12-203v0
Letter Ballot Comment Database = T11/13-071v1

Roger Hathorn (IBM) continued to work through the letter ballot comments. The comment status is: 383 Accepted, 54 Rejected, 0 Open. The Adobe X Reader tool is used to track comment changes.

- Letter Ballot Comment Resolution Roger Hathorn (IBM)

FC-SB-5 Rev 1.0 = T11/12-203v0
Letter Ballot Comment Database = T11/13-075v1

Roger Hathorn (IBM) updated the database to reflect the 3 new documents presented. Worked through additional comments until the meeting time expired. The comment status is: 56 Accepted, 11 Rejected, 0 Open. The Adobe X Reader tool is used to track comment changes.

12 Unscheduled Business

There were no unscheduled business items.

13 Project Schedule

Milestone	Expected date
Last Technical Input	June 2012
T11 Letter Ballot	August 2012
Forward to INCITS	April 2013

14 Review of Action Items

SB5-001: Scott Carlson (IBM) to re-write Table 4 to express TINC/TINCR as a variation of TIN/TIR functions. Move content from 6.4.9 under 6.4.7 and re-organize to reflect that TINC is a sub-function of TIN just as extended TIN is a sub-function of TIN. Move content from 6.4.10 under 6.4.8 and re-organize to reflect that TINCR is a sub-function of TIR just as extended TIR is a sub-function of TIR. Re-wording will also be necessary. Re-work any other parts of the standard to remove reference to TINC or TINCR as new IUs.

SB5-001 No updates presented December 2011.

SB5-001 **CLOSED** by approving 12-039v0, February 2012.

SB5-002: Lou Ricci (IBM) to review existing SB-4 implementations to determine if the FCP data transfer models are compatible with Transport Mode transfer models.

SB5-002 **CLOSED** by approving 12-040v0, February 2012.

SB5-003 April 2012: Mike Roy to post document 12-152v1.

SB5-003 **CLOSED** April 2012: Mike Roy posted document 12-152v1.

SB5-004 April 2012: Scott Carlson to incorporate Cancel changes 12-152v1 into a new Cancel proposal.

SB5-004 **CLOSED** May 2012: Scott Carlson posted 12-203v0, verified included 12-152v1 - Cancel.

SB5-005 April 2012: Roger Hathorn to post document 12-119v1, Scott Carlson, Editor to incorporate.

SB5-005 **CLOSED** May 2012: Scott Carlson posted 12-203v0, verified included 12-119v1 – Incorrect Length.

SB5-006 April 2012: Roger Hathorn to post document 12-039v2, Scott Carlson, Editor to incorporate.

SB5-006 **CLOSED** May 2012: Scott Carlson posted 12-203v0, verified included 12-039v2 - TINC/TINCR.

SB5-007 April 2012: Scott Carlson, Editor to incorporate 12-148v0.

SB5-007 **CLOSED** May 2012: Scott Carlson posted 12-203v0, verified included 12-148v0 - REC.

SB5-008 June 2012: Roger Hathorn to request T11.3 to forward T11/12-203v0, SB-5 Draft Revision 1.00, and conduct a letter ballot.

SB5-008 **CLOSED** August 2012:

SB5-009 August 2012: Lou Ricci to bring in a straw man proposal for resolution to letter ballot comment (EMC-2)

SB5-009 October 2012: **POSTED:CLOSED** Lou Ricci posted 12-400v0. Refinements needed based on meeting feedback.

SB5-010 October 2012: **POSTED:CLOSED** Lou Ricci to post 12-400v1. Refinements needed based on meeting feedback.

SB5-011 October 2012: **POSTED:CLOSED** Roger Hathorn to post 12-321v2. Refinements needed based on meeting feedback.

SB5-012 October 2012: **POSTED:CLOSED** Roger Hathorn to post 12-385v1. Refinements needed based on meeting feedback.

SB5-013 December 2012: **POSTED:CLOSED** Roger Hathorn to post 12-321v4. Refinements needed based on meeting feedback.

SB5-014 December 2012: **POSTED:CLOSED** Roger Hathorn to post 12-385v3. Refinements needed based on meeting feedback.

SB5-015 December 2012: Scott Carlson to post 12-455v1. Refinements needed based on meeting feedback.

SB5-015 December 2012: **CLOSED** Scott Carlson posted 13-033v0 to replace 12-455v1.

SB5-016 December 2012: Scott Carlson to post 12-456v1. Refinements needed based on meeting feedback.

SB5-016 December 2012: **CLOSED** Scott Carlson posted 13-034v0 to replace 12-456v1.

SB5-017 February 2013: Scott Carlson to review the Definition section heading format rules.

SB5-017 February 2013: **CLOSED** Scott Carlson to review the Definition section heading format rules.

SB5-018 February 2013: **POSTED:CLOSED** Roger Hathorn to post 13-071v0. Reflect comments resolved at February meeting.

SB5-019 February 2013: **POSTED:CLOSED** Roger Hathorn to post 13-075v0. Reflect comments resolved at February meeting.

SB5-020 March 2013: **POSTED:CLOSED** Roger Hathorn to post 13-071v1. Reflect comments resolved at March meeting.

SB5-021 March 2013: **POSTED:CLOSED** Roger Hathorn to post 13-075v1. Reflect comments resolved at March meeting.

SB5-022 March 2013: **POSTED:CLOSED** Scott Carlson to post T11-13-117v0. New draft of FC-SB-5 Rev 2.0 draft document modified with all resolved comments.

SB5-023 April 2013: Roger Hathorn to present approved motion to INCITS, and request accepting T11/13-v117v0 as FC-SB-5 draft for public review.

15 Meeting Schedule

Request 0 hours at the next T11 plenary week.

16 Adjournment

Roger Hathorn moved and Mike Roy seconded to adjourn at 11:15 AM MST. Approved unanimously.

17 Attendance

BROCADE John Crandall

BROCADE [Howard Johnson](#)

BROCADE Dave Peterson

BROADCOM Pat Thaler

CISCO SYSTEMS Manik Taneja

CISCO SYSTEMS Landon Noll

EMC [Louis Ricci](#)

EMC Erik Smith

EMULEX Gautam Shiroor

HEWLETT-PACKARD Barry Maskas

IBM [Roger Hathorn](#)

IBM [Patty Driever](#)

JUNIPER NETWORKS Joe White

NETAPP [Frederick Knight](#)

ORACLE Roger Dickerson

ORACLE Mike Roy

QLOGIC CORP. [Craig W. Carlson](#)