

## **FC-FS Minutes**

### **April 3, 2000**

1. John Schieble, IBM, called to meeting to order at 10:50 am and led a round of introductions
2. Feb 00 minutes - 00-129v1 - no changes
3. Feb 00 FS report to t11.3 - no changes
4. Approval of the agenda 00-213v0 - no changes
5. Review of open Action Items
  1. Bob Snively, SUN Microsystems, to check with IEEE to see if they have published document referenced in Annex AF. - closed - answer is yes
  2. Jim Nelson, Northrop Grumman, to add an index. closed
  3. Jim Nelson to incorporate 99-433v0 making Operation Associators obsolete closed
  4. Jim Nelson to make sure PH, PH-2 and PH-3 are changed to FS where appropriate. closed
  5. Mike Dorsett, Boeing, to provide class 6 rewrite. closed
  6. Jim Nelson to look at rewriting clause 18 as it needs clarifications and is currently poorly worded. closed
  7. Jim Nelson to include 99-707 in FS. closed
  8. Bob Snively and Kha-Sin Teow, to resolve their differences on RSCN and SCR and present at the February meeting. carryover
  9. Bob Kembel to update his proposal FC Link Services and Login States carryover
  10. Bob Kembel to specify the reason codes for login reject. carryover
  11. Jim Coomes to investigate if he whether Update RLS is a subset of RNID. closed
  12. Dave Petersen will let the editor know what sections are affected by changing the E\_D\_TOV and R\_A\_TOV default timeout values. closed
  13. Bill Martin's to update Access Control, 00-056v0. closed
  14. Tan Lu to provide justification for why Link Reset is not an acceptable solution to BB Credit Recovery. closed
  15. Mike Dorsett and others that care about data encryption to respond to Bob's proposal to make it obsolete. closed
  16. Tu Lu to revise and present 99-729v1, Enhance RSCN and SCR proposal. closed

17. Giles Frazier to present detailed proposal on Bit Error Rate Threshold Detection closed
6. Jim Nelson presented FC-FS status (00-185v2). **He requested that his open action items be closed and a new one be opened to put the approved changes as presented (2<sup>nd</sup> table in 00-185v2) and remove the MCM capable login bit that was added in FC-FS 0.10.**
  7. ELS clock sync - approval deferred to next meeting because Bob Petersen of General Dynamics and Steve Wilson of Boeing were not present
  8. Speed negotiation study group 00-187v0 - Bill Ham, Compaq, was not present, but he presented that document at the joint T11.2/T11.3 meeting
  9. Bill Martin, Gadzoox, discussed Access control (see 00-056v0) There are 4 issues - 1. change name to Login Control, 2. Too easy to change list - change so that changes can only be done by the management server, 3. Which fields are required for what functions, 4. software - **AI to Bill to update to 00-56v1 and present at the next meeting, conference call**
  10. Jim Coomes, Seagate, presented 00-025v0, proposal to obsolete RNC (report node capabilities) fields. The original proposal was to make it obsolete, but one vendor does use it to discover support for vendor unique FC-4s. Jim proposed changes to FS - remove annex AE, add paragraph to 15.20, page 221 that says new implementations shall not rely on the RNC fields, Jim moved and Dal seconded, 16-0-0, **AI to Jim Coomes to upload the agreed to words on obsolete RNC fields to the web site.**
  11. Jim Coomes presented Enhanced RLS ELS update #5 (see 00-022v1), Now Read Port Status Block (RPS), **AI to Jim Coomes to update and present at the next meeting**
  12. Giles Frazier, IBM, presented Error Burst Threshold Detection proposal (see 00-175v0). He presented to the MJS group in the morning, Dal Allen, ENDL motioned to include in FS, second by Giles. Motion passed 22-0-1.
  13. Tan Lu, IBM, presented Link Reset Issues (see 00-190v0); (proposal is 00-057v0, solution 2). Tan will update based on the discussion, general agreement that there is a problem with detection of lost credit and recovery. Will have a conference call the week of April 17<sup>th</sup> or 24<sup>th</sup>. **AI Jeff Stai/John Scheible to arrange**
  14. June is the cutoff for technical changes to FS; the plan is to vote to forward in October.
  15. Bob Snively, SUN Microsystems, presented 00-184v0, Corrections to FS based on FCP-2 ballot comments. Bob agreed to create version 1 based on the comments. The group agreed to accept in principal. **AI to Bob Snively to update.**
  16. Bob Snively discussed his proposal to obsolete data encryption and Mike Dorsett's response (00-215v0). Bob stated that while he disagrees with some of Mike's

responses, he agrees with Mike's conclusion that a champion is needed by April 6<sup>th</sup> or it will be dropped. Dal Allen made a motion to accept Mike's conclusion, second by Bob. It passed 19-0-0. Note: subsequently this was presented at the T11 meeting on April 6<sup>th</sup>. No champion volunteered so data encryption will be removed.

17. Class 6 rewrite (see (00-216v0) gets rolled in as a nontechnical change.

18. The primitive clock sync rewrite was discussed (see 00-083v0). This will also get rolled in as a nontechnical, editorial change. Note that this is different than the ELS clock sync proposal (00-625v0).

#### 19. Open Action Items

1. Bob Snively and Kha-Sin Teow, to resolve their differences on RSCN and SCR and present at the February meeting.
2. Bob Kembel to update his proposal FC Link Services and Login States.
3. Bob Kembel to specify the reason codes for login reject.
4. Jim Nelson to put the approved changes into FS as presented (2<sup>nd</sup> table in 00-185v2) and remove the MCM capable login bit that was added in FC-FS 0.10.
5. Bill Martin to arrange a conference call on Access Control and update 00-056v0.
6. Jim Coomes to upload the agreed to words on obsolete RNC fields to the web site.
7. AI to Jim Coomes to update Enhanced RLS ELS update #5 (see 00-022v1), now Read Port Status Block (RPS).
8. AI Jeff Stai/John Scheible to arrange a conference call on Link Reset Issues
9. AI to Bob Snively to update 00-184v0, Corrections to FS based on FCP-2 ballot comments.

#### Attendance

Company	Last Name	First Name	Email
Adaptec	Cummings	Roger	cummings_roger@dpt.com
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