Draft Minutes
T10 FCP-4 Ad Hoc Work Group
18 September 2007 - 9:00 AM to 10:30 AM
Vancouver BC

The FCP-4 Ad Hoc Work Group of the INCITS SCSI (T10) Technical Committee met at Vancouver BC on 18 September 2007, hosted by PMC-Sierra. Attendance was 7 people from 6 companies and is tabulated at the end of this document.

Minutes were taken by Bob Nixon (bob.nixon@emulex.com). Please report any corrections by email to the T10 reflector at T10@T10.org.

1 Opening remarks and introductions

Chairperson Dave Peterson opened the meeting Tuesday, 18 September 2007 at 9:01 AM. He thanked our host company, PMC-Sierra, and led a round of introductions.

2 Approval of Agenda   T10/07-398r0

It was moved by Dave Peterson and seconded by Paul Suhler to accept T10/07-398r0 as the agenda for this meeting. Approved unanimously.

3 Review of Minutes   T10/07-335r0

It was moved by Bob Nixon and seconded by Dave Peterson to accept T10/07-335r0 as the minutes of the FCP-4 ad hoc meeting on 8 May 2007. Approved unanimously.

4 Review of Old Action Items

060509-2   Dave Peterson: Look at XDREAD and XDWRITE behavior regarding retries. Do we fix it here or in SBC.
(Carry)

070508-2   FCP-4 Editor to change FCP-4 subclause 8.2 to specify that the Sequence Count may be set to zero on retry of Sequences.
(Complete)

070508-3   Dave Peterson to check the implications of retry from a Sequence Count other than either zero or the Sequence Count required by Continuously Increasing Sequence Count.
(Carry)

070508-4   FCP-4 editor to clarify that an FCP_Port should behave the same if it receives either reason code 03h or 09h in response to an REC ELS if the reason code explanation is either 15h or 17h.
(Carry)

070508-5   Dave Peterson to bring in a proposal to resolve ambiguity issues with the current definition of the task tag in FCP-4.
(Carry)

070508-6   FCP-4 editor to modify FCP-4 subclause 12.4.1.5 to reflect the agreements at the FCP-4 work group meeting 8 May 2007.
(Carry)

070508-7   FCP-4 editor to make changes to FCP-4 concerning PRLI negotiation of task retry identification, and capitalization of "Paramenter field", as agreed at the FCP-4 work group meeting 8 May 2007.
(Carry)

070508-8   FCP-4 editor to assure that all acronyms for specific Extended Link Services in FCP-4 are followed by "ELS".
18 Sep 07 Status: Editor has found many references to ELS names that were intended to reference the protocol for the ELSs and their responses. The group approved his approach to use FC-FS-x compatible references.
(Carry)

070508-9   FCP-4 editor to update FCP-4 to consistently use the names to be defined in the revision to T10/07-072r1, instead of hex values or bit numbers, to identify values for the task management function field.
(Carry)

070710-1   FCP-4 editor to incorporate T10/07-072r2 into FCP-4 as directed by the T10 plenary.
(Carry)

070710-2   FCP-4 editor to incorporate T10/07-143r1 into FCP-4 as directed by the T10 plenary.
(Carry)

070710-3   FCP-4 editor to incorporate T10/07-144r0 into FCP-4 as directed by the T10 plenary.
(Carry)

5 Old Business

5.1 SAM-4: Task Tag Length and FCP-4   T10/07-139r0   Peterson (Brocade)

In response to this proposal that was accepted by CAP but not T10 during the March 2007 meeting week, certain cases were identified at the 8 May 2007 FCP-4 meeting that may lead to ambiguity in the current definition of the task tag value in FCP-4.

The editor reported that he has made little progress on writing a proposal, but has determined an approach he believes will work.

6 New Business

6.1 FCP-4 schedule for remaining work   group

The only remaining work from the FCP-4 project plan refers to developing standards for multipathing.

ACTION   Erich Oetting to look into any current interest in pursuing standards for FCP-4 multipathing.

It was agreed to target last technical input in January 2008 and letter ballot in March 2008.

7 Meeting Schedule

Request 2 hours at the T11 Plenary Week 5-9 November 2007 in Las Vegas NV, sponsored by Hitachi GST.

8 Review of Action Items

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(Carry)

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(Carry)

070710-3   FCP-4 editor to incorporate T10/07-144r0 into FCP-4 as directed by the T10 plenary.
(Carry)

070918-1   Erich Oetting to look into any current interest in pursuing standards for FCP-4 multipathing.

9 Adjournment

It was moved by Dave Peterson and seconded by Paul Suhler to adjourn. Approved unanimously.

The meeting was adjourned at 9:15 AM on 18 September 2007.

10 Actions on Proposals at This Meeting

Document Title	Presenter	Number	Disposition
SAM-4: Task Tag Length and FCP-4	Peterson (Brocade)	T10/07-139	Progress was reported. Expect a new revision.

11 Attendance

Representative	Organization
David Peterson	Brocade
Robert H. Nixon	Emulex
Curtis Ballard	Hewlett Packard
Michael Banther	Hewlett Packard
Paul Suhler	Quantum
Gerald Houlder	Seagate Technology
Erich Oetting	Sun Microsystems