

APPROVED MINUTES OF THE 24th FAIS AD HOC MEETING

Garden Grove, CA 12/7/2005

Craig W. Carlson, acting FAIS Secretary

T11/06-148v0

The following people were in attendance:

BROCADE COMMUNICATIONS	Edward McClanahan
CISCO SYSTEMS, INC.	Claudio DeSanti
CISCO SYSTEMS, INC.	Maurilio Cometto
EMC	Greg Golubski
ENDL TEXAS	Ralph Weber
HITACHI AMERICA, LTD.	Hidehisa Shitomi
INTEL CORPORATION	Ramamurthy Krithivas
IVIVITY	Eddy Quicksall
MCDATA	David Peterson
MCDATA CORPORATION	Larry Hofer
MICROSOFT CORPORATION	Jeff Mastro
QLOGIC CORP.	Craig Carlson
QLOGIC CORP.	William Chow
SYMANTEC	Roger Cummings

1 Opening Remarks

The Chairman of FAIS, Claudio DeSanti of Cisco, called the meeting to order and welcomed the attendees, and led a round of introductions.

2 Admin is Trivia

2.1 Approval of Agenda

Claudio had distributed a draft agenda for this meeting as 05-666v0 via the T11 Web site. Claudio moved to approve the agenda; Ed McClanahan seconded. The agenda was approved unanimously.

2.2 Approval of Minutes

The minutes of the August FAIS Ad Hoc meeting had been uploaded to www.t11.org by Chow of Troika Networks as 05-742v0.

Craig Carlson moved to approve the minutes; Roger Cummings seconded. The minutes were approved by acclamation.

3 Call for Patents

Claudio stated that patents and patent issues are not to be discussed during the FAIS ad-hoc meeting. Any patent discussions should be brought to the T11.5 or T11 Plenaries.

4 Review of Old Action Items

AI 79: Claudio DeSanti will request letter ballot for 05-115v5 at the T11.5 Plenary meeting. **Done.**

5 Old business

There was no old business at this meeting.

6 New Business

6.1 Letter Ballot Comment Resolution

Letter ballot completed with 14xx comments. Letter ballot comments are contained in 05-799v1.

Please Note: Resolution to letter ballot comments are recorded in the spreadsheet marked above. The FAIS secretary is not duplicating these resolutions in the minutes. Only actions taken outside of the letter ballot comment resolution are recorded here.

ENDL-017 – Much discussion on what the scope should be. The documents FC-LS and FC-GS-5 were referenced to see what a scope should look like. Roger suggested looking at 04-321v1 for direction.

Action: Ed to propose a new “scope” clause.

ENDL-020

Action: Ed to propose relocation of SNIA Acknowledgement section.

QLogic-004 – SNIA copyright issues. Roger will talk to ANSI editor about this.

Action: Roger Cummings to post SNIA Dictionary copyright agreement to T11 website.

Action: Roger Cummings to ask ASNI Editor if copyright release from SNIA on SNIA Dictionary is sufficient.

QLogic-005 – Where is the acronym section?

Action: Ed to create acronym section.

McDATA-7 - Long discussion of Drain vs. Quiesce. Discussion oscillated between removing and keeping the Drain definition. Current Drain definition is generally seen as incorrect.

Action: William to take a crack at defining “Drain”.

McDATA-11 – I/O Faults not defined.

Action: Larry Hofer to bring in definition of “Fault”.

ENDL-048 – Definition of “Volume”.

Action: Larry Hofer to bring in definition of “Volume”.

McDATA-13 – What does FAIS Compliance mean?

Action: Larry Hofer to bring in proposal for FAIS Compliance section.

Brocade-026 – Timeouts

Action: Ed to propose Timeout and abort function.

QLogic-030

Action: Ed to propose new wording for 4.1, paragraph 1 and 2.

Brocade-195

Action: Ed to propose a replacement for Figure 7.

7 Unscheduled FAIS business

There was no unscheduled business.

8 Review of FAIS action items

AI 80: Ed to propose a new “scope” clause (related to LB comment ENDL-017).

AI 81: Ed to propose relocation of SNIA Acknowledgement section (related to LB comment ENDL-020).

AI 82: Roger Cummings to post SNIA Dictionary copyright agreement to T11 website (related to LB comment QLogic-004).

AI 83: Roger Cummings to ask ASNI Editor if copyright release from SNIA on SNIA Dictionary is sufficient (related to LB comment QLogic-004).

AI 84: Ed to create acronym section (related to LB comment QLogic-005).

AI 85: William to take a crack at defining “Drain” (related to LB comment McDATA-7).

AI 86: Larry Hofer to bring in definition of “Fault” (related to LB comment McDATA-11).

AI 87: Larry Hofer to bring in definition of “Volume” (related to LB comment ENDL-048).

AI 88: Larry Hofer to bring in proposal for FAIS Compliance section (related to LB comment McDATA-13).

AI 89: Ed to propose Timeout and abort function (related to LB comment Brocade-026).

AI 90: Ed to propose new wording for 4.1, paragraph 1 and 2 (related to LB comment QLogic-030).

AI 91: Ed to propose a replacement for Figure 7 (related to LB comment Brocade-195).

9 Deferred FAIS action items

The following action items have been deferred until a future version of FAIS:

AI 9: Ed McClanahan will propose an approach for supporting failover in the event of CPP failure. (Opened 1/13/2004) **Deferred to phase 2. EM said this is blocked behind 04-402 completion as he needs to understand the Provider state that must be managed during failover. Target: ??? meeting.**

AI 52: William Chow and Anshul Chadda will propose modifications to enhance processing of front-end commands.(Opened 3/4/2005) **Deferred to phase 2.**

AI 54: Maurilio Cometto to propose how Control event for XMAP would be supported. (Opened 3/14/2005) **Deferred to phase 2.**

AI 58: William Chow and Anshul Chadda will separate Client handling of control-path I/Os from faulted data-path I/Os. (Opened 4/6/2005) **Deferred to phase 2.**

10 Next meeting schedule

Claudio will request 5 hours to review letter ballot comments.

11 Adjournment

A motion, moved by Larry Hofer, and seconded by Roger Cummings, to adjourn the meeting was passed unanimously.