

FC-AV Approved Meeting Minutes
Austin, TX
05 December 2000

1. Attendees:

Name	Company	Email Address
Jack Keller	Boeing-STL	jack.e.keller@boeing.com
Jing Kwok	DY4 Systems Inc.	jkwok@dy4.com
David Montgomery	Harris Aerospace	dmontgom@harris.com
John Schroeder	Smiths Industries	schroeder_john@si.com
Horst Truestedt	True Focus	hotrues@attglobal.net
Steve H Wilson	Boeing	steven.h.wilson@boeing.com
Steve L Wilson	Brocade	swilson@brocade.com
Fred VanRoessel	Panasonic	VanRoesselF@panasonic.com

2. Jack Keller opened the meeting with diskette distribution, attendance list and introductions. Jack noted the meeting map showed the FC-AV meeting ending at 3PM with FC-SB2 then using the room. If there are no objections Jack suggested the meeting could last beyond 3PM since FC-SB2 would probably not be meeting and FC-AV work may last beyond 3PM. No objections were stated at that time.
3. The following agenda was presented:
- Review and approval of draft minutes from 03 October 2000 FC-AV ad hoc.
 - Review of liaison report to SMPTE N26.
 - Status of old action items.
 - Disposition of letter ballot comments
 - Review of new action items assigned
 - Continuation of letter ballot comment disposition
 - Document editing session
4. Minutes from the 3 October meeting were approved without edits
5. Jack presented a letter he had sent Bob Edge of Grass Valley and SMPTE N26 committee as a response to a FC-AV standard status request. It was requested by the membership that any liaison correspondence with other organizations, such as SMPTE, should also be sent to all working group members. Fred VanRoessel requested the meeting attendees of the last two meetings be provided to the membership for correspondence purposes. John Schroeder noted the attendance is provided with the meeting minutes. Jack noted several minor changes to be made to the correspondence and for the new copy to be sent to Bob Edge and the FC-AV membership. The original correspondence is appended to these meeting minutes.

6. Status of old action items:

1. Determine correct project number for FC-AV to use to resolve the 1305 vs 1237 question. Kumar Done Kumar determined 1237D to be correct project number
2. Investigate the entries in Table B.6 that contain question marks or missing serial link entries. VanRoessel..Done Fred submitted new Table B6
3. Attempt to find or develop presentation material for FC-AV implementations to be presented to T11. VanRoessel/keller . Still in work. Jack received clearance for presentation on F18 system but presentation is not ready. Fred has a presentation Panasonic gave at IBC but is not ready to present it.
4. Consult with Mike Pugh on the intent of 5.6.4 Item #1. Keller. Not done.
5. A corrected Clause 7 is to be posted. Keller/Trustedt Not done. To be performed as comment resolution.

7. Jack Keller presented an Excel spreadsheet, which contained the collected FC-AV letter ballot comments. The comments were arranged on separate sheets for each submitter. It was decided that the comments would be put into a single composite spreadsheet in order corresponding to the referenced specification paragraph. Horst Trustedt took over editing the spreadsheet. As each comment was put in order it was quickly, depending on your definition of quickly, discussed to determine if a quick, easy and acceptable resolution could be found. If a comment required further discussion it was tabled in order to get through a review of all the comments. Approximately two thirds of the comments were discussed in this manner. Approximately half of the comments discussed, or a third of the total comments, were quickly, easily and acceptably resolved in this manner. Time ran out in the middle of a slug of brocade comments, Brocade8 to Brocade26, while discussing Brocade13. This left but the last 6 comments not copied into the composite spreadsheet and about the last third not yet discussed. It was resolved FC-AV would have a midterm meeting, perhaps as a Telecon, to complete discussions on the comments and hopefully revisit the unresolved comments.

8. Action Items were assigned as follows:

1. Complete cut and paste of last 6 comments into Composite comment spreadsheet and post to web. Trustedt
2. Edit, post and distribute SMPTE liaison message to Bob Edge. Keller
3. Request working group meeting for January 8th 9th or 10th. Keller

Respectfully submitted,

John Schroeder, FC-AV Secretary

APPENDIX: Original SMPTE liaison correspondence before edits.

Fibre Channel - Audio Video Overview

BACKGROUND

The National Committee for Information Technology Standards (NCITS) is comprised of several technical committees. One such committee is T11 whose charter is Device Level Interfaces. T11 is the parent committee for the T11.1, T11.2 and T11.3 Task Groups. T11.3 sponsors projects related to Fibre Channel Interconnect Schemes including the Fibre Channel – Audio Video (FC-AV) standard.

FC-AV SUMMARY:

The Fibre Channel Audio-Video (FC-AV) standard describes how Fibre Channel networks may be used in audio-video environments such as broadcast and avionics systems. The standard defines an AV container system that provides a framework onto which various digital audio/video formats can be mapped. In addition it defines a transport protocol for compressed AV streams, a lightweight protocol for streaming video in closed systems, and a simple streaming protocol for post production environments and general editing applications.

FC-AV PROJECT STATUS

The FC-AV draft standard was submitted to T11 for a 30 day letter ballot that closed on October 21, 2000. The voting results were as follows:

Yes	45 (3 with comments)
No	0
Abstain	5
Did not vote	16

The comments are currently being evaluated for potential incorporation and responses are being prepared for each submitted comment.

FC-AV-2 PROPOSAL SUMMARY

FC-AV-2 defines the mechanism, services, and protocols to transport audio-visual information using Fibre Channel. In addition, FC-AV-2 will leverage the mechanism defined in FC-AV and extend their use to emerging content distribution environments. FC-AV-2 will also exploit Fibre Channel features such as Quality of Service (QoS) and the Virtual Interface (VI). This proposal was unanimously endorsed at the October T11.3 plenary to forward on to T11.

REFERENCES AND CONTACTS

The current version of the draft specification is available at the following ftp website:

<ftp://ftp.t11.org/t11/pub/fc/av/00-252v3.pdf>

Any comments or questions may be directed to

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