
Minutes
Advanced Television Systems Committee, Inc.
Board of Directors Meeting
Wiley, Rein, & Fielding, 1750 K Street, NW, Washington, DC
October 21, 2002

1. Call to Order; Determination of Quorum; Approval of Agenda

Phil Livingston called the meeting to order at 10:05 AM at Wiley, Rein, & Fielding, 1750 K Street, NW, Washington, DC. The attendees and phone participants introduced themselves. The Attendance List is (**Attachment 1**). A quorum was determined. Regarding the agenda, Mark Richer said he would introduce a document ATTC submitted under item 15 Other Business, and that he would present ideas for the Annual Meeting in March under item 16b 2003 Meetings. The agenda (**Attachment 2**) was approved.

2. Opening Comments

Phil Livingston welcomed the attendees.

3. Consideration of the Draft Minutes of June 27, 2002

The Board approved the draft Minutes of the June 27, 2002 Board meeting.

4. Report of the President

a) Membership Report

Mr. Richer presented the membership report (**Attachment 3**). Mr. Richer reported that in addition to the new and resigned members the report also listed those members who will be balloted for membership termination.

b) Status of Letter Ballots

Mr. Richer reported on the status of letter ballots (**Attachment 4**). He noted that DASE-1 was approved and will be published after the W3C normative reference in DASE-1 is approved by W3C.

c) Financial Report

Mr. Richer gave the financial report for 2002 as of October 14 (**Attachment 5**). Mr. Richer reported that dues income has reached the amount in the approved budget. He anticipates that the projected deficit for year-end to be slightly less than the budgeted deficit.

e) Other

Mr. Richer noted that the new phone bridge has been a huge success and has cut costs for all participants.

He said that work has been completed with McGraw-Hill publishers to offer select ATSC-related books on the ATSC website. He also reported that websites featuring information on DASE and PSIP are coming soon. ATSC staff is working with Aircode to develop www.dase.org as a repository on DASE information and products. Mr. Richer thanked Aircode for agreeing to develop and maintain the site. ATSC Staff is also creating www.psip.org for the same purpose.

Mr. Richer reported that the October issue of the ATSC newsletter was recently published. It featured an article on the rollout of DTV in Canada. He thanked Harris, Rohde & Schwarz, ST Microelectronics, Tandberg Television, Turner Engineering, and Zenith for sponsoring the issue. These members have their logos prominently in the newsletter. Mr. Richer encouraged other companies to sponsor the newsletter saying in addition to helping ATSC defray costs it is a good promotional opportunity for ATSC Members.

Mr. Richer said that he had attended a meeting of CITEL and was happy to have participated in such a well-run and received ATSC Forum seminar. He will speak at a seminar in Mexico later this week also being presented by the Forum.

He reported that in September he attended an executive briefing in Canada, and that ATSC and CDTV sponsored a successful seminar in Toronto on October 15 – 17. He reported that ATSC will conduct a session at CES in January, and that ATSC along with the Hollywood Post Alliance will co-sponsor a seminar on data broadcasting & DASE in conjunction with the Tech Retreat next February.

Mr. Richer reported that based on the response of Board members to his inquiry he did not prepare or file Comments for the FCC NPRM on copyright protection. He then solicited opinions on whether ATSC should file comments regarding PSIP during the FCC biannual review, noting that in the past ATSC has supported the idea of the FCC mandating PSIP.

5. Budget and Finance Committee

Phil Livingston gave the report of the Budget and Finance Committee on behalf of Lynn Claudy. He said that during their October 2 meeting, the committee unanimously approved the staff's 2003 proposed budget. Mr. Richer then summarized the proposal stating that there were not many changes from the 2002 budget or projections. He noted that dues revenue could range dramatically and that the amount projected was on the slightly optimistic side. Mr. Richer said that the proposed budget did not include membership in the ATTC or financial support of the ATSC Forum. Although both of these organizations are valuable, the goal was to have a balanced budget. He also noted that Robert Graves had requested that ATSC consider funding the Forum in 2003 with a sponsorship of \$50,000. Ralph Justus moved that the proposed budget be modified to include 2003 sponsorship of the ATSC forum for \$5,000. The motion was seconded. Discussion followed on the beneficial work and merits of sponsoring the ATSC Forum at different monetary levels. It was noted that ATSC holds a permanent membership and seat on the Forum's Board per the affiliation agreement. Some members stated strong opinions for fiscal conservatism and the desire to not have another budget showing a deficit. Strong support was given to the idea of providing \$25,000 in funding with the option to give up to \$50,000 after evaluating ATSC finances later in the year. The motion to provide \$5,000 in funding to the ATSC Forum for 2003 was approved. Ralph Justus then moved that the ATSC proposed budget include \$25,000 for the ATSC Forum and that the Board consider additional funding in June up to a total of \$50,000. The motion was seconded and approved. The modified budget reflecting the \$25,000 funding of the ATSC Forum is **Attachment 6**. Wayne Luplow moved to ballot the budget to the membership with a recommendation for adoption from the Board. The motion was seconded and approved.

Mr. Richer reported that IEEE had formally requested that their dues be assessed at \$1,500, the level of universities and government agencies. In response, the Budget and Finance Committee proposed adding a dues category for "professional societies" with separate branches holding separate memberships. The Budget and Dues Committee proposed modifying the dues policy to add "professional societies" to the groups eligible for the minimum dues. The IEEE Consumer Electronics Society and the IEEE Broadcast Technology Society would each be assessed the minimum dues (currently \$1,500), starting January 2003. The remainder of 2002 dues would be assessed at half the original invoice. As per the Bylaws, the single IEEE board seat would remain for them to decide representation. Ralph Justus moved that the revised dues policy (**Attachment 7**) be adopted. The motion was seconded and approved.

6. Nominating Committee

Jay Adrick, chair of the Nominating Committee, reported on the work of that group. A Nomination Policy (**Attachment 8**) and Call for Nominations (**Attachment 9**) were presented. Jay Adrick moved that the Board adopt the Nomination Policy. The motion was seconded and discussion followed clarifying eligibility and the number of nominations that would be acceptable. The motion was approved. The Call for Nominations will be sent to the membership.

7. Membership Committee

Jay Adrick, chair of the Membership Committee, reported that the group met to evaluate the email reflector lists and create a target list for recruiting members. Some of those reflector participants have become members, but significantly more work is to be done.

Ira Goldstone stated his interest in having more broadcasters, particularly at the station engineering level, participate as members. He said that their input would be very beneficial. Discussion followed on the station groups' abilities to meet the current dues requirements; and, the outcome of attempts by similar organizations to attract this target group. It was noted that another target group would be cable operators and suppliers since their participation in ATSC work would minimize harmonization and implementation problems later. Mr. Adrick said the membership committee would consider these issues.

8. Report of the Technology Group

Ralph Justus gave the report of T3 activities (**Attachment 10**) prepared by Jerry Whitaker. The last meeting was held October 8. Several actions were taken including the authorization to ballot the T3/S9 Synchronization for Distributed Transmission Working Draft to Candidate Standard status. He reported that T3 unanimously supported the DASE & OCAP harmonization efforts. He reported that T3 recommended that the Applications Subcommittee explore the need for standardization of the Emergency Alert System (EAS) for DTV. Mr. Richer thanked Mr. Justus, the specialist chairs, and the T3 members for their many recent accomplishments.

9. Report of the Implementation Subcommittee

Mr. Allison reported on the status of IS activities. He said they made significant progress by approving a Findings Document: Assessment of Data Content and Delivery for Control of the Digital Broadcast Transport Stream and PSIP Generation. They are now evaluating whether ATSC or SMPTE should take the lead in addressing the issues stated in the findings document. Mr. Richer acknowledged the leadership and contributions of Mr. Allison and Graham Jones in this area. Mr. Allison reported openings for RF Working Group chair and IS vice-chair.

10. Report of the Applications Subcommittee

Ira Goldstone, Tribune, said that the AS would meet later today. He said that per the T3 request, AS will consider the requirements for EAS.

11. Procedures Document

Mr. Richer presented the revised Procedures Document that had been sent to the Board in early October for review. In particular, he noted the addition of sections 15-17. Robert Plummer moved that the revisions to the Procedures Document be approved. The motion was seconded and approved.

12. Normative Reference Organizations

Mr. Richer presented the bylaws of the TV-Anytime Forum and supporting documents that show the group provides their documents to the public and that they have an open due process. Ed Caleca moved that the TV-Anytime Forum be approved as a Normative Reference Organization for ATSC documents. The motion was seconded and a brief discussion followed. The motion was approved.

Ralph Justus announced that CEA had been approved for ANSI accreditation effective November 15. He noted that the Electronic Industries Alliance is on the approved list of Normative Reference Organizations, and that soon CEA would be producing documents that ATSC could reference. Mr. Justus moved that the Consumer Electronics Association be added to the approved list of Normative Reference Organizations. The motion was seconded and approved. The revised list of Normative Reference Organizations is **Attachment 11**.

13. DASE

Wayne Luplow explained that later this week the ATSC Forum would be conducting a DASE demonstration in Mexico featuring the broadcasts of the recent World Cup. Mr. Luplow introduced Jake Kim and Ho Yeon Jang of Aircode. Mr. Kim demonstrated the many capabilities available to the Korean viewers during the World Cup Games. He noted that for demonstrations the language had been translated to English.

a) Compliance and Test Suite Custodian

Mr. Richer presented a recommendation from the ad-hoc group tasked with investigating DASE compliance and test suite custodian. Mr. Justus provided feedback regarding CEA's interest in taking on this activity. He reported that the TV Manufacturers Caucus has discussed and continues to research the issue. The Board agreed to:

- encourage T3 to begin developing compliance test requirements for DASE. As this work progresses, the Board should decide which organization should develop the compliance test specifications.¹
- ask CEA to investigate acting as test custodian and administrator. As a part of this investigation, CEA should take the lead on discussions with Sun Microsystems and other organizations.
- ask the ATSC President to work with CEA (Mr. Justus) and NAB (Mr. Claudy) to consider formation of a DASE Users Group (DUG) for the purpose of promoting the use of DASE and coordinating interoperability testing.

b) OCAP Harmonization

Mr. Richer reported on the positive and productive meetings ATSC had held with representatives from CableLabs. He reported on the unanimous decision by T3 to pursue harmonization with CableLabs for DASE and OCAP. Lynn Claudy also recommended this course of action to the Board on Oct. 11. Tom Hankinson moved to accept the following statement:

"The Board believes that harmonization of DASE and OCAP is extremely important and endorses the T3 decision for ATSC to work with CableLabs. Further, the Board believes that a single standard for interactive television for North America and other ATSC regions is optimum and should be the goal of these discussions. The Board directs the ATSC President to continue to lead this effort. Further, the Board directs T3 to consider revisions to DASE even if they are non-backward compatible if those changes enable a single combined DASE/OCAP standard."

The motion was seconded and unanimously approved. Mr. Richer said that he would report this action to Dick Green of CableLabs.

14. Executive Session

No Executive Session was held.

¹ The *test requirements* will determine the general principles and form to be taken by the *test specifications*, but will not actually specify any tests. In contrast, the *test specifications* will determine the specific tests that must be performed to comply with the DASE Application and System Conformance Criteria as indicated by DASE-1 Part 8."

15. Other Business

Mr. Richer presented a document submitted by the ATTC concerning target receiver specifications. Ralph Justus moved that the document be sent to T3 for consideration. The motion was seconded and approved.

16. Schedule of Board of Director Meetings

The schedule of Board meetings in 2003 was discussed based on a proposal from ATSC staff. Following is the schedule for ATSC Board of Directors meetings in 2003: January 30, March 10 (if needed), May 8, June 26, September 9, November 19.

Mr. Richer presented the staff's ideas for the Annual Meeting on March 11.

17. Adjournment

Members were encouraged to attend the AS meeting and the reception celebrating 20 years of ATSC later in the day. The meeting was adjourned at 2:25 PM.

Attachments

- Attachment 1: Attendance list
- Attachment 2: Draft agenda
- Attachment 3: ATSC Membership report
- Attachment 4: Letter Ballot report
- Attachment 5: Financial report
- Attachment 6: Board's proposed 2003 budget
- Attachment 7: Revised dues policy
- Attachment 8: Nomination policy
- Attachment 9: Call for nominations
- Attachment 10: T3 report
- Attachment 11: Normative Reference Organizations

**ATSC Board of Directors Meeting
Attendance List
October 21, 2002**

Board Members Present

Jay Adrick, Harris
Ed Caleca, PBS
Joseph Flaherty, CBS
Ira Goldstone, Tribune
Tom Hankinson, ABC
Michael Isnardi, IEEE*
Ralph Justus, CEA
Phil Livingston, Panasonic
Wayne Luplow, Zenith
Robert Plummer, DirecTV
Brian Smith, Philips*

Board Members Absent

Wendell Bailey, NBC
Bill Check, NCTA
Lynn Claudy, NAB
Michael McEwen, CDTV
Sam Narasimhan, Motorola
Peter Symes, SMPTE
Victor Tawil, MSTV

ATSC Members and Guests

| | |
|------------------------------|------------------------|
| ATSC President | Mark Richer |
| ATSC Communications Director | Christy Kehlbeck |
| ATSC Technical Director | Jerry Whitaker* |
| ATSC IS Chairman | Art Allison |
| Aircode | Jake Kim, Ho Yeon Jang |
| Consultant | Bernard Lechner |
| Cox Broadcasting | Sterling Davis |
| CRC/IEEE | Yiyang Wu* |
| NCTA | Andy Scott |
| Samsung | C.B. Patel |
| Sony | Ed Barrett |

Draft Agenda
Advanced Television Systems Committee, Inc.
Board of Directors Meeting
1750 K Street NW
Washington, DC
October 21, 2002 from 10:00 AM to 2:30 PM

1. Call to Order; Determination of Quorum; Approval of Agenda
2. Opening Comments (P. Livingston)
3. Consideration of Draft Minutes of June 27, 2002 Meeting
4. Report of the President (M. Richer)
 - a. Membership Report
 - b. Status of Letter Ballots
 - c. Financial Report
 - d. Other
5. Budget & Finance Committee (P. Livingston)
 - a. 2003 Budget
 - b. IEEE Dues Structure Modification Request
6. Nominating Committee (J. Adrick)
7. Membership Committee (J. Adrick)
8. T3 Report (R. Justus)
9. IS Report (A. Allison)
10. AS Report (I. Goldstone)
11. Revision of Procedures Document (M. Richer)
12. Approval of TV-Anytime Forum as Normative Reference Organization (M. Richer)
13. DASE (M. Richer)
 - a. Compliance and Test Suite Custodian
 - b. OCAP Interoperability
14. Executive Session
15. Other Business
16. Schedule of Future Board Meetings
 - a. Dec. 18 in DC.
 - b. 2003 Meetings Discussion
17. Adjournment

ATSC Membership Report

October 21, 2002

New Voting Member:

Broadcom
Digital Physics
JVC Americas
Livewire Communications
NDS
Sigma Designs

New Observer:

S. Merrill Weiss

Resignations:

Astro Systems
Microtune
Miller & Kreisel
Telcordia
Zenus Technologies

Terminations

Global Technologies
Global Telemann
KSAI
Skyworth
Telos

Total Members & Observers:

| | |
|------------------|-----|
| June 27, 2002 | 148 |
| October 21, 2002 | 145 |

Letter Ballot Status

| Letter Ballot Description | | Status |
|--|---------------------|-----------------------------|
| ATSC Ballots: | | |
| PSIP A/65A Amendment 2 | 22 yes, 0 no, 2 abs | approved August 6, 2002 |
| Editorial Privilege | 23 yes, 0 no, 1 abs | |
| PSIP A/65A Amendment 1A | | |
| Editorial Privilege | 20 yes, 2 no, 2 abs | approved August 12, 2002 |
| Editorial Privilege | 20 yes, 3 no, 1 abs | |
| ARM | | |
| Editorial Privilege | 24 yes, 1 no, 2 abs | approved August 16, 2002 |
| Editorial Privilege | 24 yes, 2 no, 1 abs | |
| DASE | | |
| Editorial Privilege | 24 yes, 2 no, 4 abs | approved September 16, 2002 |
| Editorial Privilege | 25 yes, 2 no, 3 abs | |
| T3 Ballots: | | |
| Content ID and Labeling for Transport | 12 yes, 5 no, 1 abs | approved August 8, 2002 |
| Editorial Privilege | 14 yes, 2 no, 1 abs | under comment review |
| A/53B Amendment 2 | | |
| Editorial Privilege | 13 yes, 1 no, 1 abs | approved August 14, 2002 |
| Editorial Privilege | 13 yes, 2 no, 0 abs | under comment review |
| Transport Stream File System | | |
| Editorial Privilege | 14 yes, 1 no, 1 abs | approved August 15, 2002 |
| Editorial Privilege | 14 yes, 2 no, 0 abs | under comment review |

ATSC, Inc.
2002 Financial Report as of 10-15-02

| | 2002 Budget | Jan 1 - Oct 15 Actual | Projection |
|--|---------------------------------|--------------------------|----------------------------|
| REVENUE | | | |
| Membership Dues | \$ 925,000 | \$ 927,333 | \$ 929,308 |
| Seminar Revenue | \$ 64,800 | \$ 33,214 | \$ 33,214 |
| Interest Income | \$ 22,000 | \$ 6,378 | \$ 8,007 |
| Meeting Sponsorships | \$ 3,000 | \$ 4,000 | \$ 4,000 |
| Newsletter Sponsorships | \$ | \$ 3,000 | \$ 3,000 |
| TOTAL REVENUE | <u>\$ 1,014,800</u> | <u>\$ 973,925</u> | <u>\$ 977,529</u> |
| EXPENSE | | | |
| Program Services: | | | |
| Seminars | \$ 60,420 | \$ 15,322 | \$ 15,322 |
| ATTC Dues | \$ 50,000 | \$ 50,000 | \$ 50,000 |
| Seed Funding for "ATSC Forum" | \$ 100,000 | \$ 108,000 | \$ 108,000 |
| Total Program Services: | <u>\$ 210,420</u> | <u>\$ 173,322</u> | <u>\$ 173,322</u> |
| Management & General: | | | |
| Salaries & Benefits | \$ 622,766 | \$ 488,034 | \$ 625,937 |
| Professional Fees | \$ 36,960 | \$ 9,452 | \$ 31,340 |
| Travel & Business | \$ 48,950 | \$ 37,332 | \$ 47,332 |
| Rent | \$ 47,765 | \$ 37,350 | \$ 45,416 |
| Telephone & Internet | \$ 27,502 | \$ 24,762 | \$ 32,894 |
| Duplication & Printing | \$ 14,200 | \$ 11,317 | \$ 13,207 |
| Office Supplies & Equipment | \$ 12,600 | \$ 6,236 | \$ 11,000 |
| Insurance | \$ 13,125 | \$ 8,562 | \$ 8,562 |
| Postage & Shipping | \$ 3,600 | \$ 983 | \$ 1,883 |
| Newsletter | \$ 26,800 | \$ 13,894 | \$ 27,894 |
| Meetings | \$ 19,100 | \$ 16,646 | \$ 18,246 |
| Other | \$ 5,400 | \$ 6,309 | \$ 6,500 |
| Total Management & General: | <u>\$ 878,768</u> | <u>\$ 660,878</u> | <u>\$ 870,212</u> |
| GRAND TOTAL EXPENSES | <u>\$ 1,089,188</u> | <u>\$ 834,200</u> | <u>\$ 1,043,534</u> |
| ESTIMATED NET INCOME | <u><u>(\$74,388)</u></u> | <u>\$</u> | <u>(66,005)</u> |

**ATSC Ballot
DRAFT 2003 Budget
CONFIDENTIAL**

| | Proposed 2003 | Budget 2002 |
|--|--------------------------|------------------------|
| REVENUE | | |
| Membership Dues | \$855,700 | \$925,000 |
| Seminar Revenue | \$ 68,400 | \$ 64,800 |
| Interest Income | \$ 6,000 | \$ 22,000 |
| Meeting Sponsorships | \$ 3,000 | \$ 3,000 |
| Newsletter Sponsorships | \$ 10,500 | |
| TOTAL REVENUE | \$943,600 | \$ 1,014,800 |
| EXPENSE | | |
| Program Services: | | |
| Seminars | \$ 60,420 | \$ 60,420 |
| ATTC Dues | \$ - | \$ 50,000 |
| ATSC Forum | \$ 25,000 | \$ 100,000 |
| Total Program Services: | \$ 85,420 | \$ 210,420 |
| Management & General: | | |
| Salaries & Benefits | \$ 639,760 | \$ 622,766 |
| Professional Fees | \$ 21,460 | \$ 36,960 |
| Travel & Business | \$ 48,950 | \$ 48,950 |
| Rent | \$ 47,765 | \$ 47,765 |
| Telephone & Internet | \$ 29,470 | \$ 27,502 |
| Duplication & Printing | \$ 10,200 | \$ 14,200 |
| Office Supplies & Equipment | \$ 11,100 | \$ 12,600 |
| Insurance | \$ 16,763 | \$ 13,125 |
| Postage & Shipping | \$ 2,600 | \$ 3,600 |
| Newsletter | \$ 29,200 | \$ 26,800 |
| Meetings | \$ 19,100 | \$ 19,100 |
| Other | \$ 5,400 | \$ 5,400 |
| Total Management & General: | \$ 881,768 | \$ 878,768 |
| GRAND TOTAL EXPENSES | \$ 967,188 | \$ 1,089,188 |
| ESTIMATED NET INCOME | (\$23,588) | (\$74,388) |

| | |
|--|-------------------|
| Projected Cash Reserves as of December 31, 2002 | \$ 389,647 |
| Projected Cash Reserves as of December 31, 2003 | \$ 366,059 |

Doc. B/07
31 Jan 2002
14 May 2002
21 Oct 2002

**Advanced Television Systems Committee
Dues Structure and Policy**

ATSC, Inc. Dues Structure & Policy

1. Member dues shall be based upon the gross revenue of the organization:

| <u>Annual Gross Revenues</u> | MEMBER | OBSERVER |
|------------------------------|--------------------|--------------------|
| | <u>Annual Dues</u> | <u>Annual Dues</u> |
| Individual | N/A | US\$ 500 |
| Less than \$10 million | US\$ 1,500 | 1,100 |
| \$10 million - \$50 million | 6,200 | 4,700 |
| \$50 million - \$2 billion | 13,000 | 9,700 |
| More than \$2 billion | 15,300 | 11,500 |

In instances where the ATSC receives an application from a subsidiary company, revenues for membership dues will be assessed according to those of the parent company unless it can be shown that the parent company's business (other than that of the subsidiary) does not include television in which case they would pay dues at their subsidiary revenue level. If there are multiple subsidiaries of the same parent company seeking membership or renewal, each will pay dues in accordance with the previous sentence.

Universities, governmental organizations, and technical professional societies that are comprised of individual memberships may pay at the minimum member dues level.

Individual Observer status is only available to persons not employed by an eligible organization.

- a. On an annual basis, the ATSC has the right to request documentation in support of a member's stated annual gross revenues.
- b. Dues of members joining after the first quarter of the year will be pro-rated quarterly.

2. The following schedule for payment and collection of dues shall be adhered to.

December 1: Invoices will be sent for the following years' dues. These invoices will have a due date of January 31.

February 1: Members who have not yet paid will be allotted a thirty-day grace period, and will receive a 'friendly' reminder to remit payment expeditiously. The reminder will notify the member of impending incurrence of late penalties.

March 1: Notice of delinquency will be sent with revised invoice that will include a 5% late penalty. Invoice will have terms of 30 days.

April 1: Notice of delinquency will be sent with revised invoice that will include a 10% late penalty. Invoice will have terms of 30 days.

May 1: Notice of delinquency will be sent with revised invoice that will include a 15% late penalty. Invoice will have terms of 30 days.

July 31: Failure to pay dues shall automatically result in a recommendation by the Board of Directors to the full ATSC Committee to terminate membership in accordance with the Procedures of the ATSC unless the President determines that there are special circumstances.

Members joining mid-year must pay dues within sixty days or a recommendation will be made by the Board of Directors to the membership of ATSC, Inc. to terminate their membership, unless the President determines that there are special circumstances.

The terms of this schedule will accompany all invoices and reminders. The ATSC dues structure will be present on all invoices.

3. Members that wish to rejoin within one year of resignation or termination must pay dues for the previous year.
4. Bank fees associated with dues payment should be paid by the member, but may be waived at the discretion of the President.

ATSC, Inc.
Policy on Nominating Board Members and Chairman

DRAFT

Nominating Process for the Board of Directors

Goals

It is the goal of the ATSC to attain a Board of Directors that shall be comprised of executives knowledgeable about and involved in digital television, DTV Standards, and related issues. Directors must have the time and willingness to participate in a positive and constructive way in the work of the Board. Directors must attend Board meetings and may not grant a proxy vote to another individual. Board members must also be willing and able to lead and participate in Board ad hoc groups and subcommittees. Board members undertaking to lead such groups shall be expected to execute assigned tasks in an efficient manner. It is the further goal of the ATSC that the members of the ATSC Board of Directors represent a balance among industry segments, including broadcast, cable, consumer, and professional electronics manufacturers.

Nomination Process

Board Members:

- Nominations for vacant positions on the Board of Directors shall be solicited from the entire ATSC membership with a "Call for Nominations".
- Nominees must confirm that they are bona fide employees or officers of Voting Members of ATSC and will be supported in their work on the Board by the organizations they represent.
- ATSC Voting Class Members may nominate an employee or officer of their own organization or of another Voting Class Member.
- The list of nominations shall be presented to the Nominating Committee. If the number of nominees is greater than twice the number of vacancies, the Nominating Committee shall reduce the number by review of the nominees' qualifications to help achieve the goals described above.
- The final list of nominees shall be distributed by the ATSC staff to the full ATSC membership as a recommendation by the Nominating Committee. The membership shall vote on the nominees in a ballot of 4 weeks duration.
- Mid-term vacancies will use the same process as described above.

Chairperson:

- The Nominating Committee shall nominate up to two potential candidates for Chairperson from Board members with continuing terms or those being nominated to serve on the Board of Directors.
- The Nominating Committee shall consider previous experience on the Board when selecting nominees for Chairperson.

Call For Nominations for Board Members of ATSC Inc.

October 21, 2002

Pursuant to the Bylaws of ATSC Inc. and the Policy on Nominating Board Members and Chairman, the ATSC Nominating Committee hereby calls for nominations of candidates for Board members to fill 4 vacant Board seats beginning January 1, 2003. The term of these positions is three years. This "Call for Nominations" remains open until **5 PM EST., November 8, 2002.**

Candidates must be bona fide employees or officers of Voting Members of ATSC Inc. The process of selection will follow the "Policy on Nominating Board Members and Chairman". A copy of the policy is shown below.

All candidates or sponsors of candidates are requested to submit their name and contact information to the ATSC Nominating Committee via e-mail to nominations@atsc.org.

Thank You

ATSC Nominating Committee

Policy on Nominating Board Members and Chairman

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Report to the Board of Directors: Summary of Actions from the October 8 T3 Meeting

1. INTRODUCTION

This document summarizes the actions taken at the October 8, 2002, meeting of the Technology Group on Distribution.

2. SPECIALISTS GROUP STATUS

2.1 T3/S6, Video/Audio Coding

T3/S6 is developing a Request for Information in response to a directive from T3 to investigate alternate modes of audio and video compression for possible use in the robust transmission mode. A draft document has been developed, and it should be ready for consideration by T3 at the December 2 meeting.

An error has been identified in Section 5.1.5 of A/53B regarding the `vbv_delay` statement. With the issuance of A/53 with Amendment 1, dated 16 March 2000, the statement `vbv_delay ≤ 45000` was changed to `vbv_delay = 45000`. This change was apparently the result of an editorial and/or formatting error; it was not specified in Amendment 1. The document has now been corrected and a footnote has been added calling attention to the correction.

T3 has directed T3/S6 to address the problem of the Emergency Audio track in A/53B Annex B and to consider removing the receiver requirement therein to state that Emergency Audio should be in the main audio track when present. T3 went on to recommend that the Applications Subcommittee address the general question of Emergency Alert in the DTV system.

2.2 T3/S8, Transport

T3/S8 is developing a Working Draft A/65B and, in the process, addressing comments received during the membership ballots of Amendments 1A and 2 to A/65A. This complete revision of the PSIP standard is expected to be completed prior to the next T3 meeting.

Work continues on a full revision of A/54, with progress made on all sections of the document. It is the goal of T3 to complete a final Working Draft prior to year-end. T3/S8 is serving as the coordinating point for all specialists groups involved in this project.

The AHG on Transport Issues for Robust Transport continues to hold regular meetings. The group has circulated a proposal for discussion, which has raised some new issues with regard to service structure and signaling. The AHG has initiated a delay for reconsideration and reevaluation of assumptions and approach.

2.3 T3/S9, RF Transmission

Laboratory testing of the NxtWave/Zenith, Philips, and Broadcom systems has been completed. In addition, field testing in Washington D.C. of the NxtWave/Zenith and Philips systems is complete. This work includes outdoor, indoor (bowtie), portable (dipole), and pedestrian configurations. Field testing of the Broadcom system in Washington was underway. Testing in New Haven, CT, was expected to begin shortly on all three systems. The target completion date for all testing was early November.

T3 has approved for ballot the "Working Draft Synchronization Standard for Distributed Transmission" as a Candidate Standard for a proposed period ending July 31, 2003. The ballot will be issued shortly.

2.4 T3/S13, Data Broadcast

The T3/S13 chair is working with ATSC staff to resolve editorial issues relating to the Application Reference Model Standard for the purpose of posting the document on the ATSC Web site after certain normative reference issues are resolved. In addition, T3/S13 has been asked to work ATSC staff to address certain substantive issues identified during the ARM ballot comment review process, and to bring back to T3 at the December 2 meeting a plan for moving forward.

A revision of A/90 is being drafted, with 43 noted errata, clarifications, and enhancements identified so far. Most of these items are editorial in nature but will require significant redline of A/90 to implement. Items needing further study have been assigned to T3/S13 members to propose specific text.

2.5 T3/S14A, DTH Satellite Broadcast

T3/S14A has developed a Working Draft Direct-to-Home Satellite Standard. This document has been provided for informational purposes to T3 with the request that comments be submitted to the specialists group. It is the goal of T3/S14A to have a final version of the Working Draft completed in time for consideration at the December 2 T3 meeting.

2.6 T3/S16, Transactional Services

T3/S16 has been meeting periodically to define a series of core protocols that will enable ATSC receivers to communicate with remote servers, establish secure channels, and exchange data for transactions. For the specifications, the group has adopted the conventional OSI layered protocol model to construct and define required functionality. T3/S16 has been having joint meetings with T3/S17 to channel the expertise of both groups and to ensure that when DASE supports interaction channels, the T3/S16 specification will match their requirements. The specialists group hopes to bring a Working Draft document to T3 for consideration early next year.

2.7 T3/S17, DASE

T3/S17 has been directed to examine comments received during the membership ballot of DASE-1 for the purpose of preparing a final document for publishing on the ATSC Web site. Certain normative reference issues also must be addressed prior to publishing the suite of documents.

It is the consensus of T3 that the harmonization work of DASE and OCAP should move forward. To that end, T3 approved unanimously the following resolution:

“T3 urges Mr. Richer to continue to seek means of harmonizing OCAP and DASE and related standards, and to urge the ATSC Board of Directors to consider allocating the necessary resources to pursue this goal as expeditiously as possible.”

2.8 Architecture Team

A new standing committee of T3, the Architectural Team, has been formed. Initial projects include supporting the work of the ATSC staff regarding a variety of activities, including the Code Points Registry.

The Architecture Team has also been directed to address the following question: “How should the enhancements relating to robust mode transmission be structured; e.g., as a single standard or revisions to existing standards?”

3. NEXT MEETING OF T3

The next meeting of the Technology Group on Distribution will be held on December 2, 2002, 1:00 p.m. to 6:00 p.m., at DirecTV in Los Angeles.

Respectfully submitted,

Jerry Whitaker, T3 Secretary

Doc. B/006
31 Jan. 02
21 Oct. 02

Formerly Doc. E/121
09 Oct. 01
30 Oct. 01

ATSC Normative Reference Organizations

Documents from the organizations listed below may be used as normative references in ATSC Standards and Recommended Practices per the ATSC Policy on Copyright and References (B/005).

| | <u>Approved</u> |
|--|------------------------|
| Advanced Television Systems Committee (ATSC) www.atsc.org | 10/09/01 |
| American National Standards Institute (ANSI) www.ansi.org | 10/09/01 |
| Audio Engineering Society (AES) www.aes.org | 10/09/01 |
| Consumer Electronics Association (CEA) www.ce.org | 10/21/02 |
| ECMA www.ecma.ch | 10/30/01 |
| European Committee for Electrotechnical Standardization (CENELEC) www.cenelec.org | 10/09/01 |
| Electronic Industries Alliance (EIA) www.eia.org | 10/09/01 |
| European Telecommunications Standards Institute (ETSI) www.etsi.org | 10/09/01 |
| Federal Communications Commission (FCC) www.fcc.gov | 10/09/01 |
| HAVi www.havi.org | 10/30/01 |
| Institute for Information Industry www.iii.org.tw | 10/09/01 |
| Institute of Electrical and Electronics Engineers (IEEE) www.ieee.org | 10/09/01 |
| International Electrotechnical Commission (IEC) www.iec.ch | 10/09/01 |
| International Standards Organization (ISO) www.iso.ch | 10/09/01 |
| International Telecommunications Union (ITU) www.itu.int | 10/09/01 |
| Internet Engineering Task Force (IETF) www.ietf.org | 10/09/01 |
| National Institute of Standards and Technology (NIST) www.nist.gov | 10/09/01 |
| Society of Cable Telecommunications Engineers (SCTE) www.scte.org | 10/09/01 |
| Society of Motion Picture and Television Engineers (SMPTE) www.smpte.org | 10/09/01 |
| TV-Anytime Forum www.tv-anytime.org | 10/21/02 |
| Unicode Consortium www.unicode.org | 10/09/01 |
| World Wide Web Consortium (W3C) www.w3c.org | 10/30/01 |