

Minutes
Technical Standards Committee
Friday, 14 July 2006
Dallas/Ft. Worth Airport Marriott South
Ft. Worth, TX

Chairman: Mike Garl; James Thomas Engineering, Inc.; P

Recording secretary: Karl G. Ruling; ESTA

Members attending:

William Conner; Bill Conner Associates LLC, representing the Amer. Society of Theatre Consultants; P
Robin Crews; Wrightson, Johnson, Haddon & Williams, Inc. , representing the Amer. Society of Theatre Consultants; A
Larry Schoeneman; Designlab Chicago, Inc.; P
Mitch Hefter; Entertainment Technology (Genlyte Group LLC); P
Edwin S. Kramer; I.A.T.S.E. Local 1; P
Ken Vannice; Colortran (Leviton Manufacturing Co., Inc.); P
Mike Wood; Mike Wood Consulting LLC; P
Matthew Griffiths; PLASA; P
Ron Bonner; PLASA; A (arrived at 14:15)
Bill Groener; PRG North Bergen; P
Rodney F. Kaiser; J.R. Clancy Inc., representing USITT; P
Lori Rubinstein; ESTA; ex officio

Visitors:

Richard Nix; Entertainment Structures Group
Scott Blair; High End Systems
Kent Jorgensen; IATSE Local 80
Roger Lattin; IATSE Local 728
Tim Hansen; Oasis Stage Werks (arrived at 14:15)
Peter Scheu; Scheu Consulting Services, Inc.
Jerry Gorrell; Theatre Safety Programs(arrived at 14:30)

1 Opening remarks

Mike Garl called the meeting to order at 13:01. He thanked those attending for coming to Ft. Worth to work on standards. He said he appreciates the value of the contribution. If their donated time were billed, the invoice total would be tremendous.

2 Attendance and membership

2.1 Taking attendance

A blue sign-in sheet was circulated. Mike Garl noted that a quorum was present.

2.2 Welcome to visitors

Mike Garl reiterated his welcome to the visitors.

2.3 Announcement of Waters's resignation

Mike Garl explained Colin Waters's resignation. He'd been missing meetings, so Mike Garl talked to him. His company is now requiring so much of Waters's time, that he can not devote the time he would like to the TSC. Therefore, he has resigned.

The consensus body during this meeting, including those not present, was:

Name	Company or representation	Voting status
William Conner	Bill Conner Associates LLC, representing the Amer. Society of Theatre Consultants	P
Robin Crews	Wrightson, Johnson, Haddon & Williams, Inc., representing the Amer. Society of Theatre Consultants	A
Larry Schoeneman	Designlab Chicago, Inc.	P
Steve Terry	Electronic Theatre Controls	P
Mitch Hefter	Entertainment Technology (Genlyte Group LLC)	P
Edwin S. Kramer	I.A.T.S.E. Local 1	P
Mike Garl	James Thomas Engineering, Inc.	P
Ken Vannice	Colortran (Leviton Manufacturing Co., Inc.)	P
Mike Wood	Mike Wood Consulting LLC	P
Matthew Griffiths	PLASA	P
Ron Bonner	PLASA	A
Bill Groener	PRG North Bergen	P
David Johnson	Live Design (Prism Business Media)	P
Mark Engel	Rosco Laboratories	P
Bill Sapsis	Sapsis Rigging, Inc.	P
Rodney F. Kaiser	J.R. Clancy Inc., representing USITT	P
Jay O. Glerum	Jay O. Glerum & Associates, Inc., representing USITT	A
Florian von Hofen	VPLT	P
Eckart Steffens	SOUNDLIGHT, representing VPLT	A
	Total votes possible	15

3 Approval of minutes from the previous meeting (TSC/2006-0003)

Larry Schoeneman move that the minutes be accepted as written. The motion was seconded. The motion was approved by a show of hands.

4 Call for patents

The following statement was read aloud to the assembly by Mike Garl:

"ESTA intends not to publish any standard that contains protected intellectual property, unless that information can be licensed by anyone for a reasonable fee. ESTA uses a process of open patent and copyright disclosures to implement its intent. ESTA does not conduct patent or copyright searches and does not warrant that its standards contain no protected intellectual property.

"In keeping with the open disclosures policy, I ask if anyone present wishes to notify the Technical Standards Committee of the existence of a patent or copyright or other intellectual property that might protect material in a standard being developed by a working group. You need not be the holder of the patent or copyright to notify the Technical Standards Committee of its existence."

No notifications were offered.

5 Anti-trust statement

The following statement was read aloud to the assembly by Mike Garl:

"The ESTA Board of Directors and the leadership of this Technical Standards Committee will reject or nullify any actions that unlawfully restrain trade. Anyone who feels that such an action is being or has been taken is requested to bring that matter to the attention of the chair immediately. Anyone who feels that actions in restraint of trade have been taken and not properly annulled is requested to notify the ESTA president immediately.

"ESTA legal counsel has informed us that violations of the anti-trust laws can have serious consequences. Individuals engaged in certain unlawful conduct can be found criminally liable. An individual convicted of a criminal violation of the Sherman Act may be fined as much as \$1,000,000

and imprisoned for up to ten years. An easy to read pamphlet describing restraint of trade issues is available from the Technical Standards Manager."

Karl Ruling, the Technical Standards Manager, held it up one of the easy-to-read pamphlets. No restraint of trade issues were brought to the attention of the TSC.

6 Approval of agenda

Karl Ruling asked for a query from the Chinese government about the use of ANSI E1.11 be added to the agenda under "Other business." Eddie Kramer moved that the agenda so amended be accepted. The motion was seconded and then approved with a show of hands.

7 Reminder about ESTA committee contact information on the website

Lori Rubinstein reminded TSC members to visit the ESTA website to see if their committee membership and contact data are correct. If not, please send her an email with corrections, if there are any needed.

8 Old business

8.1 Financial reports

8.1.1 Treasurer's report

The reports were distributed and explained by Mike Wood. The Technical Standards Program runs a deficit that is made up for by ESTA at the end of the year, but that estimated contribution from ESTA has been prorated over the year in the report so we don't show a massive deficit until the end. We are, so far, under our budgeted deficit.

Wood's report also included the agenda items 8.1.2, Status of contributions and pledges, and 8.1.3, Accounting of TSP documents sold and on-hand

Mike Wood explained the costing for the sales through the ESTA Foundation. Cost plus 10% was the rule, but with in-house publication, the cost is difficult to quantify. We have decided that the cost plus 10% was about 20% of the price when the books were printed. Therefore, we will simply figure that the ESTA Foundation gets 20% of the selling price of a book.

8.2 Working group reports

8.2.1 Camera Cranes

Kent Jorgensen reported on the meeting held in June. The group did not have a quorum, but they did discuss the draft BSR E1.12 document. Jorgensen reported that it should be ready for consideration for a public review within this year.

Jorgensen also reported that a session about camera crane safety was held at the Cine Gear show, and it was well attended.

8.2.2 Control Protocols

8.2.2.1 ANSI E1.11-2004 (DMX512-A)

Ruling reported that Florian von Hofen and he had discussed DIN's interest in the standard in a telephone conversation. DIN was interested in who held the copyright because they may want to incorporate it into a DIN standard. Ruling had told von Hofen that the CPWG had made it clear that they were not interested in having the standard go through another organization's process, and perhaps being modified, and hoped that a German language version of the English language ANSI E1.11-2004 would satisfy the needs of the German market. After this conversation, von Hofen consulted with some of his constituents, and replied with an email stating that, VPLT does not see any necessity to make ANSI E1.11 a DIN standard.

"We and our cooperating trade associations believe that the best way to promote this standard is the publication of a properly translated document under license of ESTA as an industry standard.

"We have started the procedures to make sure the publication will officially be supported by all trade associations. There will be a formal process declaring the document to be an industry standard. The translation of the document will be finished within this month. We apologize for the delay in this work, but I could not get a budget for the work earlier. (You all know about this kind of problems...)

"We hope to have the document printed by the PLASA-Show 2006. We will then start and promote sales, and we hope that this also will create some reasonable license fees for ESTA."

8.2.2.2 BSR E1.27-x (DMX512 cabling of various types)

8.2.2.2.1 BSR E1.27-1 (portable DMX512 cabling)

Ruling reported that the document is now ANSI E1.27-1-2006 and is available for sale from the ESTA Foundation and ANSI's eStandards Store.

8.2.2.2.2 BSR E1.27-2 (permanent DMX512 cabling)

Ruling reported that the motion for a first public review is in letter ballot through 25 July 2006.

8.2.2.3 BSR E1.17 (ACN)

Mitch Hefter reported that there had been no comments submitted during the last public review.

Mitch Hefter moved that the TSC approve the version of BSR E1.17 last offered for public review as an American National Standard, contingent on the CPWG adopting the same version without modification. The motion was seconded and then approved unanimously by those present, which was the required supermajority of the voting body. Robin Crews voted as the alternate for ASTC. Five voters were not present at the meeting.

Name	Company or representation	Voting status	Yes	No	Abstain
William Conner	Bill Conner Associates LLC, representing the Amer. Society of Theatre Consultants	P			
Robin Crews	Wrightson, Johnson, Haddon & Williams, Inc., representing the Amer. Society of Theatre Consultants	A	1		
Larry Schoeneman	Designlab Chicago, Inc.	P	1		
Steve Terry	Electronic Theatre Controls	P			
Mitch Hefter	Entertainment Technology (Genlyte Group LLC)	P	1		
Edwin S. Kramer	I.A.T.S.E. Local 1	P	1		
Mike Garl	James Thomas Engineering, Inc.	P	1		
Ken Vannice	Colortran (Leviton Manufacturing Co., Inc.)	P	1		
Mike Wood	Mike Wood Consulting LLC	P	1		
Matthew Griffiths	PLASA	P	1		
Ron Bonner	PLASA	A			
Bill Groener	PRG North Bergen	P	1		
David Johnson	Live Design (Prism Business Media)	P			
Mark Engel	Rosco Laboratories	P			
Bill Sapsis	Sapsis Rigging, Inc.	P			
Rodney F. Kaiser	J.R. Clancy Inc., representing USITT	P	1		
Jay O. Glerum	Jay O. Glerum & Associates, Inc., representing USITT	A			
Florian von Hofen	VPLT	P			
Eckart Steffens	SOUNDLIGHT, representing VPLT	A			
	Total votes	15 possible	10	0	0

8.2.2.4 ANSI E1.3-2001, 0-10V analog control specification, reaffirmation

Ruling reported that the public review ended April 12 with no comments. Mitch Hefter moved that the TSC approve the reaffirmation of ANSI E1.3-2001, contingent on the CPWG also reaffirming it without modification. The motion was seconded and then approved unanimously by those present at the meeting. This was also the required supermajority of the voting body. Robin Crews voted as the alternate for ASTC. Five voters were not present at the meeting.

Name	Company or representation	Voting status	Yes	No	Abstain
William Conner	Bill Conner Associates LLC, representing the Amer. Society of Theatre Consultants	P			
Robin Crews	Wrightson, Johnson, Haddon & Williams, Inc., representing the Amer. Society of Theatre Consultants	A	1		
Larry Schoeneman	Designlab Chicago, Inc.	P	1		
Steve Terry	Electronic Theatre Controls	P			
Mitch Hefter	Entertainment Technology (Genlyte Group LLC)	P	1		
Edwin S. Kramer	I.A.T.S.E. Local 1	P	1		
Mike Garl	James Thomas Engineering, Inc.	P	1		
Ken Vannice	Colortran (Leviton Manufacturing Co., Inc.)	P	1		
Mike Wood	Mike Wood Consulting LLC	P	1		
Matthew Griffiths	PLASA	P	1		
Ron Bonner	PLASA	A			
Bill Groener	PRG North Bergen	P	1		
David Johnson	Live Design (Prism Business Media)	P			
Mark Engel	Rosco Laboratories	P			
Bill Sapsis	Sapsis Rigging, Inc.	P			
Rodney F. Kaiser	J.R. Clancy Inc., representing USITT	P	1		
Jay O. Glerum	Jay O. Glerum & Associates, Inc., representing USITT	A			
Florian von Hofen	VPLT	P			
Eckart Steffens	SOUNDLIGHT, representing VPLT	A			
	Total votes	15 possible	10	0	0

8.2.2.4 BSR E1.20 (Remote Device Management)

Mitch Hefter reported that BSR E1.20 is now ANSI E1.20-2006 and is available for sale.

8.2.2.5 ANSI E1.11-2004 (DMX512-A) recommended practice

Mitch Hefter reported that he had no news about this project.

8.2.2.6 BSR E1.30, Application level equipment interoperability for control of commonly encountered entertainment technology devices using E1.17

Mitch Hefter reported that he had no news about this project.

8.2.2.7 BSR E1.31, Lightweight streaming protocol for transport of DMX512 using ACN

Scott Blair reported that work on this is on-going. The big debate is whether support for RDM should be in this first version or not. There is a proposal for a BSR E1.33 project to add RDM functionality to this basic streaming protocol over ACN.

8.2.3 Electrical Power

8.2.3.1 ANSI E1.16-2002, Configuration Standard for Metal Halide Ballast Power Cable

No action at this time. None needed yet.

8.2.3.2 BSR E1.18, Recommended practice for selection, installation, and use of portable feeder cable

Ken Vannice reported that the TSC approved the public review, so it's in review through 28 August 2006.

8.2.3.3 BSR E1.19, Recommended practice for use of Class A GFCIs

The public review closed at the end of the day on July 10. Ken Vannice reported that the task group has done some work on resolving the comments, which had been forwarded to them.

8.2.3.4 BSR E1.24, pin connector intermatatability standard

The document is now ANSI E1.24-2006 and has been published. Ken Vannice reported that a representative from UL said that reference to ANSI E1.24 will be put into UL 498.

8.2.3.5 BSR E1.32, luminaire maintenance guidance

Vannice reported that the working group may have version ready to vet for public review at the LDI meeting.

8.2.3.6 Ken Vannice reported that the new co-chair, Mitch Hefter, had run the EPWG meeting and done a good job.

8.2.4 Floors

8.2.4.1 BSR E1.26, floor energy absorption

The ESTA Board approved it, and ANSI approved it, so now it's ANSI E1.26-2006, reported Tim Hansen.

8.2.4.2 Floor slipperiness

Hansen reported that Bob Dagger had a prototype of a drag sled at the floors working group meeting and demonstrated it. It worked well, which pleased the members of the working group. He will have a first draft of a document for the next meeting. Karl Ruling asked for a scope statement so that he can file a PINS form to announce the project as one to write an ANSI standard.

8.2.5 Fog and Smoke

8.2.5.1 ANSI E1.5-2003, glycol and glycerin fog exposure standard

Larry Schoeneman noted that no action was needed at this time.

8.2.5.2 ANSI E1.14-2001, Recommendations for Inclusions in Fog Equipment Manuals, reaffirmation

The public review ended on April 12 with one comment. (See document F&S/2006-3007, file name SummaryPblcRvwReaffirmE1-14.pdf.) Mike Wood reported that he had written a set of proposed resolutions for the working group to consider.

8.2.5.3 BSR E1.23, general fog effect planning standard

Larry Schoeneman reported that the ESTA Board had approved it, and so had ANSI, so it is now ANSI E1.23-2006.

8.2.5.4 BSR E1.29, fog equipment product safety standard

Schoeneman reported that the project is not moving, but that it will move again. Ruling said he continues to be interested in the project, but has not had time to work on it.

There was a discussion of the pDR1000AN aerosol meter. Ruling said that the ESTA office could use a second meter because demand is enough to support having two, and having another would offer a solution when the one meter we have finally fails, as all things must eventually. The meters are expensive, however. It was suggested that perhaps each fog machine manufacturer in the Fog & Smoke Working Group might be able to contribute toward the purchase of another machine. If there are four manufacturers, that would work out to about \$1,000 per company.

8.2.6 Followspot Position

Karl Ruling reported that the BSR E1.28, followspot position planning guidance document, needs a scribe, someone to shape it into a coherent whole. Right now it reads like it was assembled from several different documents written by several different people. It was.

Robin Crews reported that the working group would not have a meeting at LDI. He expects to have a scribe get the document into one piece in time for a working group meeting in January 2007.

8.2.7 Photometrics

8.2.7.1 BSR E1.25, flat-wall photometry basic conditions

Karl Ruling reported that the ESTA Board had approved it, and so had ANSI. Ruling suggested it should be sold for a reduced price. Mike Wood moved that it be priced at \$10. The motion was seconded. The motion failed on a show of hands.

8.2.7.2 ANSI E1.9-2001, reporting photometric data revision

Ruling reported that the public review ended April 11 and netted no comments. The working group can now decide to accept it as an American National Standard, or can modify it further. This will be decided at the working group meeting.

8.2.7.3 Lens quality project

Ruling described Mike Wood's proposal to develop a standard for measuring and reporting lens quality for stage and studio luminaires. The draft procedure involves projecting a coarse and a fine checkerboard gobo pattern and measuring the contrast ratios between the dark and light areas of the projected image. Profile spot lenses tend to blur the image, with lower quality lenses blurring the image more. Blur reduces contrast.

The working group will discuss the proposal at its meeting.

8.2.8 Rigging

8.2.8.1 BSR E1.1-200X, wire rope ladders revision

Kent Jorgensen reported that the ESTA Board approved the revised standard. It has been submitted to ANSI, and ANSI approval is pending.

8.2.8.2 BSR E1.2-200x, aluminum towers and trusses revision

Kent Jorgensen reported that the TSC approved the document as an American National Standard on a letter ballot that closed May 25, with 14 out of a possible 16 voting "Yes." Two TSC members did not vote. The Board approved it with a vote that closed 30 June. ANSI approved it on July 13.

8.2.8.3 BSR E1.4, manual rigging systems

The public review comments are summarized in document Rig/2006-2009, file name E1-4_8thCommntSmmry.pdf. Jorgensen reported that draft comment resolutions from the task group are pending.

8.2.8.4 BSR E1.6-1, powered winch hoist systems

The motion for public review carried in the Rigging Working Group, but with two No votes. The vote is summarized in document Rig/2006-2028, file name FinalSmmryE1-6-1WG_PubRvwVote.pdf. Jorgensen reported that the working group will discuss the negative votes at the evening Rigging Working Group meeting.

8.2.8.5 BSR E1.6-2, powered serially produced chain hoist systems

Public review comments were received and are summarized in document Rig/2006-2027, file name SmmryE1-6-2FrstRevwCommnts.pdf. Rodney Kaiser reported that the task group is working on drafting suggested comment resolutions.

8.2.8.6 ANSI E1.8-2005, speaker enclosures for rigging standard

Ruling reported that there is no news on this document. It's published. Three copies have been sold so far this year.

8.2.8.7 ANSI E1.15-2006, boom & base assemblies

Ruling reported that the standard has been published and is available for sale.

8.2.6.8 ANSI E1.21-2006, portable roof systems

Ruling reported that ANSI approved it on 22 May 2006. It's now published and available for sale.

8.2.6.9 BSR E1.22, fire safety curtain systems

The public review ended March 29, and the received comments are summarized in document Rig/2006-2020, file name E1-22_3rdReviewSummary.pdf. Jorgensen reported that the task group drafted a set of proposed resolutions at its meeting last night (13 July).

8.4 Reports on liaisons and news from other industry groups

8.4.1 PLASA

Matthew Griffiths reported that RoHS came into force on 1 July, and that PLASA has received complaints from members on the cost of compliance. PLASA have hired some lobbyists to represent them to the UK government and European government. The Directives are being issued before the consultation is being done, so the problems of a directive are not identified until after the directive is issued.

Griffiths reported that PLASA managed to get a meeting with the government and to have their concerns heard. The government representatives pledged that the research being done by the IT industry for solder substitutes will be shared with all, and there will be no strong enforcement until substitutes are found. Also, any exemptions granted to a company shall also apply to all the company's competitors. For example, Meyer had applied and been granted an exemption for tin/lead solder used on high-power transducers. Therefore, there is an exemption for tin/lead solder on all high-power transducers.

Griffiths reported on an amusing demonstration of the absurdity of the anti-lead RoHS regulations. One of the PLASA representatives brought a large piece of lead roofing material to the meeting, and pointed out that it was perfectly legal to send this heavy chunk of lead to a landfill, but the minute amounts of lead found in electronic assemblies are banned. The government official to whom the slab of lead sheet was handed didn't seem to know what to do with it or how to respond to the demonstration.

The register for WEEE producers doesn't exist yet in the UK. The register was going to be used as a database for the RoHS enforcers. There are only four enforcers for all of the UK, and they don't know who is making what. Therefore, vigorous enforcement is unlikely.

An emerging issue is the government's plans to auction off part of the RF spectrum that is now being used for wireless mics.

Ron Bonner reported on the CEN Workshop Agreement 25 meeting in London. The German contingent wasn't there because their flight was cancelled due to mechanical problems, and later flights would not get them to the meeting in time. The Dutch contingent has been unhappy with the CWA25 leadership.

The CWA 25 project has been broken into little task groups. Bonner is working on the trusses task group. The British code for trusses has been adopted as the base document, which is good because that is based on ANSI E1.2. Therefore, the three documents should be compatible.

8.4.2 USITT

Rodney Kaiser reported no news.

8.4.3 ASTC

Bill Conner reported no news.

8.4.4 VPLT

No representatives were present; no report.

8.4.5 UL

Ken Vannice reported on Subject 334, which is an internal UL desk reference dealing with stage switchboards, but with no standard tied to it. Vannice said that he was at a meeting where a UL representative said he would make it a standard.

Vannice reported on staffing problems at UL. UL has too few engineers to do the work. They had laid off many in North America when the bulk of manufacturing moved to China and other parts of Asia. Now they are understaffed. They are now working to hire more engineers.

8.4.6 CANENA

No report.

8.4.7 NFPA

8.4.7.1 NFPA 70 (NEC)

Mitch Hefter reported that the Report On Proposals is available and that comments on them are due by October 20. Mitch Hefter also reported that he is now the principal representative for the Illuminating Engineering Society of North America.

8.4.7.2 NFPA 80

Bill Conner reported that the revised version of NFPA 80, which now includes a chapter about fire safety curtains, has been approved by the National Fire Protection Association. He expects it to gain ANSI approval. It will be available for sale in late August or early September.

8.4.7.3 NFPA 101 (Life Safety Code) and 5000 (building code)

Bill Conner reported that there is a Technical Committee on Assembly Occupancies meeting scheduled for 9 January 2007. Proposals for changes to the documents are due in Quincy, Massachusetts by the end of the work day on August 25th.

8.4.7.4 NFPA 1126 (proximate pyro) and 160 (flame effects)

No report.

8.4.8 ICC

8.4.8.1 ICC Style Guide

Conner had submitted two documents in advance of the meeting: Conner_ICC_FYI.pdf and ICC_Ref_Standards_Guide_Feb_2006.pdf. Conner referred us to his notes in Conner_ICC_FYI.pdf. He said that following the requirements for the specificity of citations in the ICC Style Guide is important for standards that are likely to be referenced by ICC or NFPA model codes. Those would be some of our standards, but not all.

8.5.8.2 Conner's report on the IBC proposals

Conner had submitted in advance of the meeting a series of ICC proposals he thought were important. These are listed in Conner-ICC_StagePrpsls.pdf and described in Conner-ICC_PrpslsEmail.pdf. Conner reviewed the proposals quickly. No motion was made.

8.4.9 ETCP

Tim Hansen reported that the program is doing well, but we need people to take the electrician test. There are more candidates than there are for rigging, but the sign-up rate has been lower. We think that perhaps the word is not getting out.

Roger Lattin said that a problem was that the test at LDI was being given on a Thursday during the prime television shooting season. Taking an exam in Las Vegas on Thursday means losing three days of work for anyone coming from LA. That is a strong inducement not to sign up for the test at this time.

8.4.10 SAE/FAA

Jerry Gorrell reported and referenced his written report, Gorrell2006-4-19Report.pdf. The committee is disorganized and rapidly change direction. An example of this chaotic quality is the change of agenda for the San Diego meeting after the deadline for the meeting registration, which involves paying a fee. The group is focusing on controlling searchlights, but the group is working so loosely that other luminaires could easily be swept into the rules for them.

8.4.11 Other liaisons

None.

8.5 Report of the subscription task group's marketing efforts

Larry Schoeneman reported that the task group's recommendation is that we should write press releases. Larry reported that David Johnson thought that targeted press releases with different magazines would be the way to go. Johnson offered to write the first press release, but what should it be, and who should write the subsequent ones?

Ruling suggested a list of magazines and their subject matter would be helpful, and then we could decide what to pitch to them.

Mike Garl and Lori Rubinstein suggested that David Johnson should be the one to write these press releases.

8.6 Review of action items from last meeting not covered above

None.

9 New Business

9.1 Motion submitted by Bill Conner:

"The TSC shall in fulfillment of its obligations for annual review of the Working Group membership per section 5.3.8 of the Policies and Procedures include a review of the interest categories with particular reference to any oversight or error in the assignment of Principals and Alternates to interest categories, generally and specifically per the second sentence of section 5.3.6.2. All such annual reviews shall be written, shall become a part of the proceedings of the TSC, and shall be distributed to the members of the Working Groups."

The motion was supported by the previously distributed documents ConnerMotionAndSubstantiation.pdf. Also see p&p-r6.pdf.

The motion was seconded. There was discussion. It was pointed out that 5.3.6.2 refers to working group powers, not to TSC powers, and that the interest categories are self-declared based on the income of the company or organization in reference to the subject of a working group. This financial

information would not known to the TSC or working group unless a financial disclosure is required with a working group membership application. It is not required at this time. The methods other organizations use for assigning interest categories were discussed. None were endorsed.

By a show of hands, one voted for the motion and nine against it. There were no abstentions. The motion failed.

9.2 ICC representation

The request to have Conner's ICC representation on behalf of ESTA was submitted in the last paragraph of Conner_ICC_FYI.pdf: "In the past, the TSC has authorized me to represent them at these hearings. I urge you to ask the Committee to reaffirm that action at this upcoming July meeting."

Eddie Kramer moved that Bill Conner be reaffirmed to represent ESTA's interests to the ICC. The motion was seconded. There was discussion. By a show of hands, one voted in favor of the motion, and four voted against it. Five voters abstained. The motion failed.

Mike Wood moved that Jerry Gorrell be appointed as our representative to the ICC. The motion was seconded. There was discussion. By a show of hands, eight voted in favor and two abstained. There were no negative votes. The motion carried.

10 Other business

Karl Ruling reported on a query from "William" at dongwenhui@abp.gov.cn about the copyright on ANSI E1.11-2004:

- >We are National Technical Committee 239 on Radio and Television of
- >Standardization Administration of China.
- >
- >We're going to accept your "Asynchronous Serial Digital Data
- >Transmission
- >Standard for Controlling Lighting Equipment and Accessories" as our
- >country's
- >ministerial standard.
- >
- >And if necessary, before we accept it, we will do some modifications on
- >it.
- >
- >So that's a question, will it involve the standard's copyright?
- >
- >Could you tell me?

Ruling was directed to offer William the licensing agreement we have with VPLT.

11 Schedule for future meetings

It was announced that the next meeting is scheduled for 13:00 to 17:00, on Wednesday, 18 October 2006, at the Las Vegas Hilton, 3000 Paradise Road, next to the Las Vegas Convention Center.

Lori Rubinstein asked if anyone is aware of meetings of other groups that would interfere with our January 2007 meetings if they were held on 12-14 or 19-21. A preference was expressed by the group for the later weekend.

Rubinstein also asked if people have a preference for July 13-15 or July 20-22 for the summer meeting. No preference was expressed.

12 Adjournment

Larry Schoeneman moved that the meeting be adjourned. The motion was seconded. The motion was approved by a voice vote. Mike Garl declared the meeting adjourned at 16:26.

Technical Standards Committee Members and Contact Information

Name	Company	Representing	Voting status
William Conner	Bill Conner Associates LLC	Amer. Society of Theatre Consultants	P
Robin Crews	Wrightson, Johnson, Haddon & Williams, Inc.	Amer. Society of Theatre Consultants	A
Larry Schoeneman	Designlab Chicago, Inc.		P
Steve Terry	Electronic Theatre Controls, Inc.		P
Mitch Hefter	Entertainment Technology (Genlyte Group LLC)		P
Edwin S. Kramer	I.A.T.S.E. Local 1		P
Mike Garl	James Thomas Engineering, Inc.		P
Ken Vannice	Colortran (Leviton Manufacturing Co., Inc.)		P
Mike Wood	Mike Wood Consulting LLC		P
Matthew Griffiths	PLASA	PLASA	P
Ron Bonner	PLASA	PLASA	A
Bill Groener	PRG North Bergen		P
David Johnson	Live Design (Prism Business Media)		P
Mark Engel	Rosco Laboratories		P
Bill Sapsis	Sapsis Rigging, Inc.		P
Rodney F. Kaiser	J.R. Clancy Inc.	USITT	P
Jay O. Glerum	Jay O. Glerum & Associates, Inc.	USITT	A
Florian von Hofen	VPLT	VPLT	P
Eckart Steffens	SOUNDLIGHT	VPLT	A