

**Minutes**  
**Technical Standards Council**  
Wednesday, 8 March 2017  
St. Louis Marriott Grand  
800 Washington Ave., St. Louis, MO 63101

**Presiding co-chairpersons:**

Mike Garl; Mike Garl Consulting LLC; P  
Mike Wood; Mike Wood Consulting LLC; P

**Recording secretaries:** Karl Ruling and Erin Grabe; ESTA

**Members present:**

Matthew Antonucci; Contract Services Administration Trust Fund; P  
Jerry Gorrell; Theatre Safety Programs; USITT; P  
Mitch Hefter; P  
Fred Kosiewski; Walt Disney Parks & Creative Entertainment; Walt Disney Company; P  
Edwin S. Kramer; I.A.T.S.E. Local 1; P  
Jules Lauve ; Theatre Projects Consultants, Inc.; ESTA President; P  
David E. Miller; Walt Disney Parks & Creative Entertainment; Walt Disney Company; A  
Alan M. Rowe; IATSE Local 728; IATSE Crafts Advancement Program ; P  
Lori Rubinstein; ESTA; exf  
Bill Sapsis; Sapsis Rigging, Inc.; P  
Larry Schoeneman; DesignLab Chicago, Inc.; P  
Steve Terry; Electronic Theatre Controls; P  
Ken Vannice; Ken Vannice LLC; P

**Visitors:**

Bill Greeley; InCord  
Michael Lay; Philips Lighting  
Roger Lattin; IATSE Local 728  
Richard Nix

**1 Opening remarks**

Mike Garl called the meeting to order at 2:02 p.m. He said that the ESTA Board meeting is still going on, and that Lori Rubinstein and Jules Lauve will join us soon. Mike thanked everyone for taking time out of their schedules to be here and noted the exits and an emergency meeting location, should there be a need to evacuate. He also noted that the hotel's emergency plan is to pick up any phone, dial zero, and report the problem.

**2 Attendance and membership**

**2.1 Taking attendance**

A bright green sign-in sheet was passed clockwise around the table.

**2.2 Welcome to visitors**

**2.3 Introductions**

**2.4 Call for quorum**

Mike Garl declared a supermajority present after counting the voters present.

**2.5 Consensus body**

The full consensus body of this group at the time of this meeting, including those not present, was:

Name	Representing	Voting status
Kimberly Corbett Oates	Amer. Society of Theatre Consultants	P
Eugene Leitermann	Amer. Society of Theatre Consultants	A
Matthew Antonucci	Contract Services Administration Trust Fund	P
Larry Schoeneman	DesignLab Chicago, Inc.	P
Steve Terry	Electronic Theatre Controls, Inc.	P
Jules Lauve	ESTA President	P
Edwin S. Kramer	I.A.T.S.E. Local 1	P
Alan M. Rowe	IATSE Crafts Advancement Program	P
Ken Vannice	Ken Vannice LLC	P
Mike Garl	Mike Garl Consulting LLC	P
Mike Wood	Mike Wood Consulting LLC	P
Mitch Hefter	Mitch Hefter	P
Bill Sapsis	Sapsis Rigging, Inc.	P
Jerry Gorrell	USITT	P
Louis Bradfield	USITT	A
Fred Kosiewski	Walt Disney Company	P
David E. Miller	Walt Disney Company	A
<b>Total votes possible</b>		<b>14</b>

### 3 Approval of minutes from the previous meeting

See *TSCmin01-2017.pdf*.

Bill Sapsis moved to approve the minutes of the last meeting as drafted. The motion was seconded and unanimously approved.

### 4 Reading of the 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 this council group of the existence of a patent, patent application, copyright, or other intellectual property that might protect material in a standard being developed by any working group. You need not be the holder of the patent or copyright to notify the council of its existence.*

Nothing was revealed.

### 5 Anti-trust statement, to be read aloud to the assembly

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

*ESTA and its members take seriously their obligation to comply with all applicable antitrust laws. Therefore, during this meeting and during all ESTA events, all discussions will be limited to those subjects that are permitted by the antitrust laws. All members should refrain from any discussion or mention of competitively*

*sensitive subjects such as the current or future prices charged for any member product or services, current or future marketing plans or strategies, and current or future costs, including employee salaries. There also must be no agreement on the suppliers or customers that members will do business with or the markets in which members will conduct business.*

*Violations of the antitrust laws can have serious consequences. If you have any questions or concerns about anything that is discussed at a ESTA meeting, please bring your concern to ESTA management. An easy to read pamphlet describing the antitrust laws is available from the ESTA staff.*

Karl Ruling and Erin Grabe held up copies of the pamphlet. Nothing was reported.

## **6 Approval of agenda**

Eddie Kramer moved to approve the agenda as modified by the addition of item 10.6, the ESTA Lifetime Technical Achievement Award. The motion was seconded and unanimously approved by a show of hands.

## **7 Old business and standing reports**

### **7.1 Financial reports**

#### **7.1.1 Treasurer's Report and Status of Contributions and Pledges**

##### **7.1.2 TSP Fundraising**

Lori Rubinstein reported on the long-term pledges. She said the campaign has been successful over the past four months, but more fundraising is still needed.

David Miller announced that his organization has finally turned a corner and can commit to a three year pledge. The announcement received a round of applause.

Lori Rubinstein announced that Ken Vannice has included ESTA in his will. There was some discussion of how to recognize this online, being careful to acknowledge that this is future giving.

Lori Rubinstein reported that Dexter Alcedo of ProSight has acknowledged that ProSight intends to continue supporting the TSP.

##### **7.1.3 Accounting of TSP documents sold**

*See SalesReportforTSC\_03-2017.pdf.*

Mike Garl said that everyone received the document. There was a brief discussion of the value of standards.

### **7.2 Old Business**

#### **7.2.1 Technical Standards Program project report**

*See TSPPrjctsSmmry2017-01.pdf.*

Mike Garl said that everyone should have received a copy of this document and asked if there was any discussion. Erin Grabe noted last-minute changes to the document related to E1.24 – 2012 (R2017) and E1.26 – 2006 (R2017), which were both approved on 23 February 2017 and published soon after.

##### **7.2.1.1 Report on status of documents: ones in process, ones stable, ones needing action or of concern**

##### **7.2.1.2 Working group documents for possible action by the TSC**

###### **7.2.1.2.1 Public reviews**

## **7.2.1.2.2 Reaffirmations**

### **7.3.1.2.3 Final approval**

See *RIGmin01-2017.pdf*, *E1-47\_RWG\_RecircBallotResults\_Rig2016-2044r1.pdf*, and *BSRE1-47\_Rig-2014-2003r4-2.pdf*.

*At their 01-2017 meeting, the RWG approved a set of resolutions to objections received during the working group's letter ballot to approve BSR E1.47-201x, Entertainment Technology—Recommended Guidelines for Entertainment Rigging System Inspections (Document number Rig/2014-2003r4.2), as an American National Standard. The objectors were given a deadline to respond of 3 March. As of 17 February, two out of the four objectors have said that the resolutions are acceptable to them, while two have not responded. If no objections or appeals are received as of 3 March, the motion to accept the draft standard as an ANS may be brought to the TSC.*

Karl Ruling explained the state of this project as above. Bill Sapsis moved to accept E1.47. The motion was seconded and unanimously approved by a show of hands.

### **7.3.1.2.4 Withdrawal**

### **7.3.1.2.5 New projects**

## **8 New business**

## **9 Optional Reports**

### **9.1 Optional reports by working and task group leaders on active projects**

#### **9.1.1 Control Protocols**

Michael Lay announced that there is some positive activity within the group. He noted that the P&P states that working group chairs have the power to appoint task group members, but he asked if it also gave chairpersons the ability to remove members from task groups. Karl Ruling affirmed that, yes, chairpersons have this ability. There was a short discussion about the E1.33 task group and the need to remove one member. Michael Lay will write to the person explaining the reason for the removal.

#### **9.1.2 Electrical Power**

Mitch Hefter described the state of the EPWG, including one newly reaffirmed standard and ones in process.

#### **9.1.3 Floors**

Jerry Gorrell said that falls from stages [E1.46] has been published. He continued with a briefing on OSHA's update of walking and working surfaces, subpart D. The changes affect the appendix of E1.46 and the working group will need to decide if it should be revised at their upcoming meeting.

#### **9.1.4 Fog and Smoke**

Larry Schoeneman announced that there is a meeting this evening, the first in some time. He said that there is likely one standard up for reaffirmation, but that not much other work was to be done at this time.

#### **9.1.5 Followspot Position**

Jules Lauve said that the group is meeting Friday.

#### **9.1.6 Photometrics**

Karl Ruling explained the call TSP staff had with the IES. There was some discussion of the intent of our standard and theirs. Karl Ruling added that the two groups have agreed to keep each other in the loop on projects that may overlap, duplicate, or contradict each others standards. In an effort to stay abreast of the information, Mike Wood has applied to be a member on one of their committees.

### **9.1.7 Rigging**

Bill Sapsis said that the group meets tomorrow, Thursday night. The meeting will be short, so that members of the group can attend the award ceremony reception for Rocky Paulson.

### **9.1.8 Stage Lifts**

Richard Nix said that the group has been inactive since the publication of the standard, but there have been rumblings about the need to make some revisions. The group will likely meet in July.

### **9.1.9 Event Safety**

Richard Nix said that there are 10-11 task groups set up and that most of them are meeting necessary milestones. He noted the positivity of working with new members.

## **9.2 Reports of affiliated organizations**

### **9.2.1 ASTC**

*From the draft January minutes:*

*There was discussion on Jules Lauve's position and the need for active representation from the ASTC. Jules Lauve is now the ESTA President; having a dual position representing different organizations would be a conflict of interest. It was decided that he shall be listed as the ESTA president, and he will contact ASTC to suggest they appoint another representative who has time to be actively involved in the TSC.*

Jules Lauve said that he would be submitting to the ASTC a formal resignation from his position on the TSC, urging them to add a replacement. He continued with a briefing on the relationship between ASTC and ESTA. Jules said that he had made a request for TSP funding at a recent ASTC meeting, which received a negative response from a handful of people. The consensus of the group was to continue to list ASTC as a member of the TSC, leaving it open to them to participate or not, to appoint more active representatives or not.

### **9.2.2 Event Safety Alliance**

Nothing to report.

### **9.2.3 NFPA**

Jerry Gorrell said that the committee in charge of NFPA 70E, which deals with arc-flash, have done a major rewrite, changing the tone of the document entirely. The changes take an assessment-centric approach, rather than a prescriptive listing of requirements and prohibitions. The definition of "qualified" now requires specific training, which, since training is an employer's responsibility, will change training requirements.

The revised 70E is not a standard yet, but the deadline for NITMAMs (Notices of Intent To Make A Motion) is later this month, and there are none so far.

#### **9.2.3.1 FDW-AAA committee**

Jerry Gorrell said that the second meeting is in Baltimore in September. There are only two members of our industry on this committee, and they will be diligent on behalf of our needs.

#### **9.2.3.2 SPE-AAA**

Larry Schoeneman reported that there was a vote on the standard, but that he hasn't seen the results. The creation of a task group to write the TIA was approved, so there will be some time before there is any material to consider.

#### **9.2.3.3 SAF-AXM & BLD**

Jerry Gorrell said that there is no news.

#### **9.2.3.4 NEC**

Mitch Hefter said that he will put Lori Rubinstein in touch with someone to sort out the possible conflict of meeting schedules.

#### **9.2.4 PLASA**

Jules Lauve noted that he, Lori Rubinstein, and Tracey Cosgrove met with PLASA management a couple of weeks ago to discuss the financial agreements.

#### **9.2.5 USITT**

Jerry Gorrell noted that the conference is happening. Lori Rubinstein brought up the announcement of Innova and asked those present to be ambassadors for the launch.

#### **9.2.6 North American Rigging Conference**

Bill Sapsis announced a new two-day rigging conference. Lori Rubinstein reported that the conference dates will likely be the Tuesday and Wednesday before the show, called the North American Rigging Conference presented by ESTA and USITT. ESTA provides content; USITT provides organization.

### **10 Other business**

#### **10.1 International Code Council**

*Richard Nix would like the TSC's permissions to represent ESTA as a voting member on two ICC committees. One is IBC\_G, which covers IBC general provisions, including Chapter 31 Special Construction. The other is IFC (International Fire Code). Information on the ICC committee application process may be found at <http://www.iccsafe.org/membership/councils-committees/call-for-councils-and-committees/>.*

Richard Nix spoke regarding his request of this body last year to represent ESTA in front of the ICC.

Mike Wood moved to appoint Richard Nix as ESTA's representative on two ICC committees. The motion was seconded and unanimously approved by a show of hands.

#### **10.2 ICOPER**

Lori Rubinstein reported that the group is in the middle of a canvassed review and has a call at the end of this month to discuss any comments received. The document, when finished, will be free to download from ESTA's website.

#### **10.3 The Our Common Goals Initiative**

#### **10.4 NATEAC 2020**

#### **10.5 Above & Beyond Awards**

Mike Lay noted that the website is open for nominations year-round, [http://tsp.esta.org/tsp/news/award\\_recipients.html](http://tsp.esta.org/tsp/news/award_recipients.html).

#### **10.6 Lifetime Achievement Award**

*From the draft January minutes:*

*Steve Terry brought up the idea of having a Lifetime Technical Achievement award. There was some discussion. The group consensus was that this was a great idea. The group discussed the specifics: one time per year, bestowed only when there is a qualified candidate, has some relationship with ESTA, "The ESTA Lifetime Technical Achievement Award." Steve Terry said that he has a nominee in mind, and will draft something for this body to consider in March.*

The Board has approved the creation of this award.

Lori Rubinstein read the criteria, see *Proposal for the Creation of the ESTA Lifetime Technical Achievement Award.pdf*.

Steve Terry read his nomination. There was discussion about when and where to present the award.

Mike Wood moved to approve Bob Goddard as the first recipient. The motion was seconded and unanimously approved by a show of hands.

#### **10.7 TSP participation fee donor fund**

*Mike Garl said that there are currently \$475 left in the scholarship fund.*

#### **10.8 LDI**

*From the draft January minutes:*

*Lori Rubinstein reported that the ESTA meetings will happen around LDI in November 2017 as usual, as a convenience to members. If ESTA is on the show floor, it will be in a 10 x 10 booth.*

Lori Rubinstein reported. We've asked LDI if we can talk to the hotels to request meeting space, to which they replied negatively. An RFP was issued and two hotels which met the requirements responded, so we are in negotiations with the Tropicana. ESTA will likely not have a booth at LDI this year, but BTS will.

There was discussion about the yearly meeting cycle and whether or not LDI meetings will or should happen. For 2017, the meetings will take place during LDI as a convenience to members and participants, but alternate solutions are being sought for 2018.

#### **10.9 ESTA as a content provider**

Lori Rubinstein reported on the announcement of a joint project between USITT and ESTA, Innova, and online learning platform for the entertainment industry. She asked all present to promote the news. A website will be live soon where users can request to be notified when the platform is live.

#### **11 Schedule for future meetings**

*The current meeting schedule is available at <http://www.esta.org/ESTA/meetings.php>.*

##### **11.1 July 2017 meetings**

Mike Garl said that the July 2017 meeting is scheduled for Tuesday, 25 July, from 9:00 a.m. - 1:00 p.m. at the D/FW Marriott Solana in Westlake, TX.

##### **11.2 Fall 2017 meetings**

Mike Garl said the Autumn meetings will take place around LDI, as usual. Dates, times, and location TBD.

#### **12 Adjournment**

Larry Schoeneman moved to adjourn. The motion was seconded. Hearing no objections, Mike Garl thanked everyone and declared the meeting adjourned at 4:22 p.m. CT.

Technical Standards Council Members as of 8 March 2017

Name	Company	Representing	Voting status
Matthew Antonucci	Contract Services Administration Trust Fund	Contract Services Administration Trust Fund	P
Harry Box	Production Equipment Rental Group	PERG	O
Louis Bradfield	Louis Bradfield	USITT	A
Mike Garl	Mike Garl Consulting LLC	Mike Garl Consulting LLC	P
Jerry Gorrell	Theatre Safety Programs	USITT	P
Erin Grabe	ESTA	ESTA	exf
Mitch Hefter	Mitch Hefter	Mitch Hefter	P
A. Scott Hoyt	ESTA Treasurer	Heartland Scenic Studio	exf
Fred Kosiewski	Walt Disney Parks & Creative Entertainment	Walt Disney Company	P
Edwin S. Kramer	I.A.T.S.E. Local 1	I.A.T.S.E. Local 1	P
Jules Lauve	Theatre Projects Consultants, Inc.	ESTA President	P
Eugene Leitermann	Nextstage Design	Amer. Society of Theatre Consultants	A
David E. Miller	Walt Disney Parks & Creative Entertainment	Walt Disney Company	A
Kimberly Corbett Oates	Schuler Shook	Amer. Society of Theatre Consultants	P
Eddie Raymond	IATSE Local 16	IATSE Local 16	O
Alan M. Rowe	IATSE Local 728	IATSE Crafts Advancement Program	P
Lori Rubinstein	ESTA	ESTA	exf
Karl G. Ruling	ESTA	ESTA	exf
Bill Sapsis	Sapsis Rigging, Inc.	Sapsis Rigging, Inc.	P
Larry Schoeneman	DesignLab Chicago, Inc.	DesignLab Chicago, Inc.	P
Steve Terry	Electronic Theatre Controls	Electronic Theatre Controls, Inc.	P
Ken Vannice	Ken Vannice LLC	Ken Vannice LLC	P
Mike Wood	Mike Wood Consulting LLC	Mike Wood Consulting LLC	P

**Key to voting status:** P = Principal voter, A = Alternate voter, O = Observer, exf = Ex officio member