

**Minutes**  
**Technical Standards Council**  
Wednesday, 16 March 2016  
Salt Lake City Downtown Marriott at City Creek  
Salt Lake City, UT

**Presiding co-chairperson:**

Mike Garl; Mike Garl Consulting LLC; P

**Recording secretaries:**

Karl G. Ruling and Erin Grabe; ESTA

**Members in attendance:**

Matthew Antonucci; Contract Services Administration Trust Fund; P  
Jerry Gorrell; Theatre Safety Programs; USITT; P  
Mitch Hefter; P  
Edwin S. Kramer; I.A.T.S.E. Local 1; P  
Jules Lauve ; Theatre Projects Consultants, Inc.; Amer. Society of Theatre Consultants; P  
Kimberly Corbett Oates; Schuler Shook; Amer. Society of Theatre Consultants; A  
Eddie Raymond; IATSE Local 16 (ESTA President); P  
Alan M. Rowe; IATSE Local 728; IATSE Crafts Advancement Program ; P  
Lori Rubinstein; ESTA; exf  
Bill Sapsis; Sapsis Rigging, Inc.; P  
Steve Terry; Electronic Theatre Controls; P  
Ken Vannice; Ken Vannice LLC; P  
Mike Wood; Mike Wood Consulting LLC; P

**Visitors:**

Michael Lay; Philips  
William Greeley; InCord  
Roger Lattin; IATSE Local 728  
Todd Spencer; PSAV

**1 Opening remarks**

Mike Garl called the meeting to order at 7:02 p.m. Mountain Time. He thanked everyone for being able to find this room and then thanked the members and companies who support this program. He asked everyone to silence their devices, and pointed out the nearest exits. Should the need arise, Mike Garl planned and announced a meeting point outside.

**2 Attendance and membership**

**2.1 Taking attendance**

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

**2.2 Welcome to visitors**

Mike Garl welcomed the visitors present.

**2.3 Introductions**

Self introductions took place counterclockwise around the table.

## 2.4 Call for quorum

A quorum was announced present by Mike Garl.

## 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
Jules Lauve	Amer. Society of Theatre Consultants	P
Kimberly Corbett Oates	Amer. Society of Theatre Consultants	A
Eugene Leitermann	Amer. Society of Theatre Consultants	A
Matthew Antonucci	Contract Services Administration Trust Fund	P
Heather Rowe	Contract Services Administration Trust Fund	A
Larry Schoeneman	DesignLab Chicago, Inc.	P
Steve Terry	Electronic Theatre Controls, Inc.	P
Edwin S. Kramer	I.A.T.S.E. Local 1	P
Alan M. Rowe	IATSE Crafts Advancement Program	P
Eddie Raymond	IATSE Local 16 (ESTA President)	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 *TSCmin01-2016.pdf*.

Bill Sapsis moved to approve the minutes of the January meeting as drafted. The motion was seconded and approved by a unanimous show of hands.

## 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.

Erin Grabe and Karl Ruling both held up copies of the pamphlet. No concerns were raised.

## **6 Approval of agenda**

An item dealing with the TSP Participation Fee Donor Fund was added to other business.

An item dealing with approval of the public review of BSR E1.56 was added to 7.2.1.2.1

Jules Lauve moved to approve agenda as modified. The motion was seconded and approved by a unanimous 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**

Lori Rubinstein reported that the TSP participation fees have come in nearly right on budget. She also reported that just last night, an \$80,000 contract from ProSight Specialty Insurance for another one year agreement was received. They want us to help with advertising and some research, but the requests are reasonable. In addition, Lori Rubinstein added that ProSight would like obtain a bit more information from people downloading standards that also are interested in more information about insurance.

An idea about sending notices of newly-published standards (with a request for donations) to those who have previously downloaded tangential standards was brought up by Lori Rubinstein. The logistics were briefly discussed and will need more development.

### 7.1.2 Accounting of TSP documents sold

Mike Garl reported that over 40,000 standards have been downloaded. Lori Rubinstein asked for a press release to be issued with that milestone.

### 7.1.3 TSP participation fee progress

Erin Grabe reported from the following table:

	Individuals	Percentage of total
People notified of fees due	534	100%
Participation fee completed	255	47.75%
Participation fee waived*	15	2.8%
Canceled	79	14.8%
Removed (no response)	169	31.65%
TBD**	5	>1%
Waiting***	11	~2%

\* Executive Committee members, industry ambassadors, prof. association reps, scholarships

\*\* For consideration at the TSC meeting

\*\*\* Not paid, but they or someone affiliated have indicated they would or want to pay

For the participants in question who have not responded, including TSC observer members J.R. Reid, Mark Engel, and Marion Sandberg, the consensus was to remove them.

## 7.2 Old Business

### 7.2.1 Technical Standards Program project report

See *TSPPrjctsSmmry2016-03.pdf*.

Mike Garl said that everyone should have received a copy of the report noting TSP progress.

#### 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

See *BSRE1-56\_SupportPoints\_Rig2015-2034r2.pdf*

Karl Ruling said that the RWG is seeking approval for a first public review of this standard on the grounds that they approve the public review at their meeting tomorrow.

Mike Wood moved to approve the public review. The motion was seconded and approved with a unanimous show of hands.

##### 7.2.1.2.2 Reaffirmations

None.

### **7.3.1.2.3 Final approval**

None.

### **7.3.1.2.4 Withdrawal**

None.

### **7.3.1.2.5 New projects**

The CPWG would like the council to approve splitting E1.37-5 into three parts: -5, -6, and -7, contingent on CPWG approval at tomorrow's meeting.

Michael Lay said that, while this is technically an approval of a new project, it is essentially just a splitting of an existing project into three parts, with no substantively different scope or stakeholders.

Steve Terry moved to approve the project requests. The motion was seconded and approved by a unanimous show of hands.

## **7.3.2 TSP Marketing**

Nothing was reported.

## **7.3.3 Making the TSP be more international**

Mike Garl thanked Erin Grabe for leading the project and continuing to take care of the online meeting equipment. With no updates in the foreseeable future on this topic, Mike Garl asked to strike this item from the agenda.

## **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 said that the CPWG currently has a nice mix of projects and is making progress.

#### **9.1.2 Electrical Power**

Ken Vannice noted the debate in the EPWG about E1.51, a Canadian feeder cable standard. He reported that a vote to kill the project was taken and that the motion failed.

Ken Vannice also reported that some progress was being made on E1.58, a standard for using indoor equipment outdoors.

Mitch Hefter reported that the EPWG plans to have a meeting via Webex sometime around the summer meetings.

#### **9.1.3 Floors**

Jerry Gorrell reported that the Floors WG is working on E1.57, a standard for prevention of falls from floats. Erin Grabe noted the approval and publication of E1.46, a standard for prevention of falls from stages.

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

Karl Ruling mentioned that the group voted to revise E1.40, the dust standard.

### **9.1.5 Followspot Position**

The working group meets tomorrow, said Jules Lauve. They will likely move to reaffirm the standard.

### **9.1.6 Photometrics**

Jerry Gorrell said that there are a few projects to discuss at the meeting on Friday.

### **9.1.7 Rigging**

Bill Sapsis said that there was some work to be done at the meeting, including dealing with some thorough comments from Keith Bohn on BSR E1.50, a standard for rigging video walls.

### **9.1.8 Stage Lifts**

The group met this morning and voted for another public review, said Karl Ruling.

## **9.2 Reports of affiliated organizations and PLASA EU**

### **9.2.1 ASTC**

Jules Lauve reported that Kevin Topper from ProSight Specialty Insurance will be speaking at the annual meeting this Saturday.

### **9.2.2 Event Safety Alliance**

Eddie Raymond lauded Steve Adelman's newsletter, and spoke in favor of signing up at to receive it.

### **9.2.3 NFPA**

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

Nothing on the table that should impact our industry.

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

No news.

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

Nothing on the table that should impact our industry.

#### **9.2.3.4 NEC**

Mitch Hefter reported that another draft is likely to be available in a few weeks and that final publication could be in September or October.

#### **9.2.3.5 Bill Sapsis report**

Bill Sapsis reported that he had been invited by Don Cooper, who runs the rescue committee to discuss possible overlap of activity or reciprocation of information. Bill Sapsis said that he doesn't see any compatibility between our groups.

### **9.2.3 PLASA EU**

Lori Rubinstein reported that the National Event Lifting certificate was launched and that it is essentially the rigging certificate with working at heights removed. Testing centers have been determined, and the new certification is a one-day assessment, compared to two for NRC.

Eddie Raymond reported a lack of progress on reaching an agreement with PLASA EU.

#### **9.2.4 USITT**

Jerry Gorrell said that there is a conference going on somewhere!

### **10 Other business**

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

Karl Ruling reported that Richard Nix will be in attendance at the International Code Council's next set of meetings in Louisville. Richard Nix would like the council's approval to speak on ESTA's behalf, in favor of incorporation of E1.21, a standard for outdoor structures, into the International Fire Code. Karl Ruling noted that Richard Nix was previously granted approval to speak to the tent industry on our behalf. Bill Sapsis moved to allow Richard Nix to speak to the ICC on behalf of ESTA and the TSP. The motion was seconded and approved by a unanimous show of hands.

#### **10.2 The Our Common Goals Initiative**

Mike Garl reported that Richard Nix had reported no news on forming a tent working group.

#### **10.3 NATEAC**

Bill Sapsis reported that there is some confusion about hotel rates prior to the actual start of the conference. This will be worked out soon.

#### **10.4 Above & Beyond Awards**

Mike Garl reminded that group 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).

#### **10.5 TSP participation fee donor fund**

Erin Grabe reported that Chris Kaiser had approved a set of criteria and an approach for assisting would-be participants in receiving financial assistance with the TSP participation fee. The TSP Participation Fee Donor fund was established by Chris Kaiser with a \$1000 pledge, which could fund ten participants for one year each.

The approach is simple, and will be documented, possibly on the working group application: *If you cannot afford the participation fee, the TSP Participation Fee Donor Fund may be able to assist you. Please contact TSP staff at [standards@esta.org](mailto:standards@esta.org) and tell us why the participation fee prevents you from participating.*

#### **10.6 LDI sessions**

There was some discussion of our responsibilities to provide content to LDI. ESTA will provide about half as many sessions this year as we have in the past, but LDI is offering us half the royalty, too.

#### **10.7 ESTA as a content provider**

Lori Rubinstein reported on the work being done to offer content to other organizations in return for sponsorship and other sponsorship possibilities. ESTA was approached by outside organizations as a content provider, and all possibilities are being explored, said Eddie Raymond.

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

Mike Garl reminded the group that the current and complete meeting schedule is available at <http://www.esta.org/ESTA/meetings.php>.

### **11.1 July 2016 meetings in conjunction with NATEAC**

Mike Garl reminded the group that the July 2016 meetings will be held in conjunction with NATEAC in New York City. The TSC meeting is scheduled for Thursday, 14 July 2016, from 2pm-6pm. The conference dates are 17-18 July 2016. Information on the conference is available at <http://www.nateac.org/>.

### **11.2 LDI**

Mike Garl said that the meeting date for LDI is yet to be announced.

### **12 Adjournment**

Bill Sapsis moved that we adjourn. The motion was seconded. Hearing no objections, Mike Garl declared the meeting adjourned at 8:10 p.m. Mountain Time.



Technical Standards Council Members as of 16 March 2016

Name	Company	Representing	Voting status
Matthew Antonucci	Contract Services Administration Trust Fund	Contract Services Administration Trust Fund	P
Ron Bonner	PLASA Technical Resources Office	PLASA EU	O
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	PLASA NA Treasurer	Heartland Scenic Studio	exf
David Johnson	Live Design	Penton Media	O
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.	Amer. Society of Theatre Consultants	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	A
Eddie Raymond	IATSE Local 16	IATSE Local 16 (ESTA President)	P
Alan M. Rowe	IATSE Local 728	IATSE Crafts Advancement Program	P
Heather Rowe	Contract Services Administration Trust Fund	Contract Services Administration Trust Fund	A
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

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Name	Company	Representing	Voting status
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

**Voting Status Key:** P = Principal voter, A = Alternate voter, I = Individual voter, O = Observer member, exf = Ex Officio member (staff)