

Minutes
Technical Standards Council
Tuesday, 25 July 2017
D/FW Marriott Solana
Westlake, TX

Presiding co-chairpersons:

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

Recording secretaries:

Karl 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
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, Inc.; P

Visitors:

Roger L. Lattin; IATSE 728
Martin C. Casillas; IB Consultants
Max Freedman; Sparktacular Distribution
Michael Lay; Philips Lighting

1 Opening remarks

Mike Garl called the meeting to order at 9:03 a.m. CDT by saying good morning to everyone. He said that we will try to get our work done so that folks who need to catch flights can get there on time. He then thanked everyone for being here and for their input, information, knowledge, and commitment.

2 Attendance and membership

2.1 Taking attendance

A yellow sign-in sheet was passed around while self-introductions took place.

2.2 Welcome to visitors

Mike Garl noted and welcomed the visitors present.

2.3 Introductions

2.4 Call for quorum

By a count of voters in the room, Mike Garl noted a quorum 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
Total votes possible		14

3 Approval of minutes from the previous meeting

See *TSCmin03-2017.pdf*.

Mike Garl said everyone should have received a copy of the March minutes. Steve Terry moved to approve the minutes of the previous meeting. The motion was seconded and unanimously approved by a 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 Reading of the anti-trust statement

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 or will not 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 pamphlets. Nothing was discussed.

6 Approval of agenda

Mike Garl said that everyone should have received a copy of the agenda. Steve Terry moved to approve the agenda. The motion was seconded. Bill Sapsis added an item dealing with the E1.6 suite. Erin Grabe added an item to deal with CPWG leadership. The motion was approved by a unanimous show of hands.

7 Old business and standing reports

7.1 Financial reports

Lori Rubinstein apologized for not getting the report to the group, saying that it was a rush to get the six month numbers together. She noted that the TSP is on budget, and that the final payment from ProSight for the current contract was received. Lori noted that ANSI dues are going up and standards fees are also going up, because we will have crossed the threshold into the next tier, 56-165 standards. She added that the numbers on the report more accurately reflect the cost of running our programs, ETCP, TSP, Membership, and Protocol.

7.1.1 Treasurer's Report and Status of Contributions and Pledges

7.1.2 TSP Fundraising

Mike Garl noted that he had attended a couple working group meetings to make a pitch for new Investors in Innovation.

7.1.3 Accounting of TSP documents sold

See SalesReportforTSC_07-2017.pdf.

Mike Garl said that everyone should have received a copy of the sales report. There were no questions.

7.2 Old Business

7.2.1 Technical Standards Program project report

See TSPPrjctsSmmry2017-07.pdf.

Mike Garl said that everyone should have received a copy of the project report and asked if there were questions. There were none.

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

*BSR E1.14 – 201x, Recommendations for Inclusions in Fog Equipment Manuals
At their 5 July 2017 meeting via WebEx, the FSWG voted to offer this draft standard for public review. TSC approval is needed. See BSR_E1-14_201x.pdf.*

Bill Sapsis moved to approve the public review of E1.14. The motion was seconded and unanimously approved by a show of hands.

7.2.1.2.2 Reaffirmations

7.2.1.2.3 Final approval

7.2.1.2.4 Withdrawal

7.2.1.2.5 New projects

8 New business

8.1 Matt Antonucci of CSATF

EPWG member, Matt Antonucci, would like to speak to the TSC about BSR E1.51 – 201x, The Selection, Installation, and Use of Single-Conductor Portable Power Feeder Cable Systems for Use at 600 Volts Nominal or Less for the Distribution of Electrical Energy in the Television, Film, Live Performance and Event Industries in Canada.

There was a long discussion lead by Alan Rowe that he's concerned about the lack of involvement from the larger affected Canadian population that will be affected by the standard. He asked for no action at this time.

Further discussion was about helping get the word out to Canadian stakeholders about the forthcoming public review.

8.2 New project - working group unknown

A project request form was received from Terry L. Ritz of Sparktacular. See TSP Standards request-Sparktacular.pdf.

Max Freedman spoke about a product which uses zirconium and titanium granules that are heated and then blown into the air, where it reacts with oxygen. He noted that the CSA is currently testing it in the field for certification. Max discussed the problems they have with local AHJs in having them categorized and permitted properly.

After a lengthy discussion, the consensus of the TSC was that this is an NFPA 160 device. It was noted that NFPA 160 is open for public input now, with June 2018 as the deadline. Steve Terry advised Max Freedman, saying that if they wish to be exempted from some of the NFPA 160 requirements, they should make a proposal for these exemptions, backed up with scientific, credible data.

Steve Terry suggested that the visitors contact Marcello Hirschler, a professional standards proposal writer. Steve then moved to reject the project request form, on the grounds that the product is out of the scope of the TSP. The motion was seconded and approved with a show of hands.

8.3 E1.6 suite

Bill Sapsis explained that he has gotten complaints from chain hoist manufacturers that people are citing European standards for installations in the United States. He brought this up as a point of information. Why are people using the European standards if our standards are sufficient? No proposals were put forward.

8.4 CPWG leadership

Michael Lay noted that Maya Nigrosh was no longer able to continue volunteering for ESTA. The CPWG met yesterday and is requesting that the TSC appoint Milton Davis as co-chair. Mike Wood moved to accept Milton Davis as co-chair of the working group. The motion was seconded and unanimously approved by a show of hands.

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 this was a busy weekend with two round-table talks and the Plugfest. He noted that the CPWG discussed a possible new project related to identifying our streaming protocols on a network, as opposed to being seen a threat. The project could incur costs of between \$700-\$3000. Michael will let the TSC know ASAP what the associated costs might be, and if the CPWG approves of beginning this project.

9.1.2 Electrical Power

Mitch Hefter reported that E1.58 was going to letter ballot.

9.1.3 Floors

Jerry Gorrell said that the raked stages project is in the works, as well as revisions to the falls from stages standard.

9.1.4 Fog and Smoke

Larry Schoeneman noted the forthcoming public review of E1.14.

9.1.5 Followspot Position

No action at this time, said Jules Lauve.

9.1.6 Photometrics

A few standards are being reaffirmed and one is to be revised, said Jerry Gorrell.

9.1.7 Rigging

Bill Sapsis said that the RWG meeting was productive. E1.1 is being revised. E1.2 is being revised. E1.6-2 will be going out for a public review, and E1.8 will be opened for revision.

9.1.8 Stage Lifts

Stage Lifts will meet at LDI, said Erin Grabe.

9.1.9 Event Safety

Erin Grabe said that the fourth meeting of this group was productive. The task groups were given more guidance on drafting standards and were given homework assignments.

9.2 Reports of affiliated organizations

9.2.1 ASTC

Nothing to report.

9.2.2 Event Safety Alliance

Erin Grabe reported that the next Event Safety Summit will be taking place 29-30 Nov & 1 Dec.

9.2.3 NFPA

Nothing to report.

9.2.3.1 FDW-AAA committee

Jerry Gorrell said that the use of fuseable links will be removed.

9.2.3.2 SPE-AAA

Larry Schoeneman said that a request for a TIA had been submitted.

9.2.3.3 SAF-AXM & BLD

Jerry Gorrell reported that a lot of TIAs were the works, but nothing which would affect our industry.

9.2.3.4 NEC

Mitch Hefter said that the NEC is open for proposal, with proposals due 7 September. Suggested changes are being compiled for submission under the USITT banner, including to emergency sections of the Code and to dealings with POE cabling.

9.2.4 PLASA

Lori Rubinstein said that we are close to a settlement with PLASA. A proposal was made to which they seemed amenable. The proposal is under review by their legal counsel.

9.2.5 USITT

There is a Commissioners retreat in Columbus, OH in a few weeks, said Mitch Hefter. Lori Rubinstein said that advanced content is needed for INNOVA. There isn't enough content to let a certified technician achieve their full 10 points, yet. She plead with the group to encourage people to submit content.

9.2.6 New World Rigging Symposium

Lori Rubinstein reported that the symposium was announced in conjunction with the USITT Conference. There will be about 10 sessions, and the closing one will be an invitation to attendees looking for work to speak with professional riggers. Bill Sapsis and Eddie Raymond will be looking at putting together the curriculum.

The keynote for symposium will be Scott Fisher, said Bill Sapsis. Registration will be announced soon, and sponsors are being sought.

9.2.7 DTHG

Karl Ruling noted that ESTA and DTHG have exchanged membership status. DTHG is 111 years old.

10 Other business

10.1 International Code Council

Erin Grabe said nothing newer than what Richard Nix reported last time, that E1.21 was being incorporated into ICC Code.

10.2 ICOPER

Lori Rubinstein reported that this International Code of Practice for Entertainment Rigging document is nearly finalized. When ready, it will be posted to our website for free download.

10.3 The Our Common Goals Initiative

Erin Grabe said no new requests have been received.

10.4 NATEAC 2020

Bill Sapsis said that there is no news on this conference at this time.

10.5 Above & Beyond Awards

Michael Lay said that the website is open for nominations year-round, http://tsp.esta.org/tsp/news/award_recipients.html.

10.6 Lifetime Achievement Award

Mike Garl noted that long-time TSP participant, Bob Goddard, was the first to receive this award. The event was well attended. Roger Lattin added that Bob Goddard was extremely pleased to receive it.

Erin Grabe asked the Council to begin considering new nominations.

10.7 TSP participation fee donor fund

Erin Grabe reported that there are currently \$475 left in the scholarship fund.

10.8 LDI

Lori Rubinstein said that ESTA, BTS, and ETCP would not be exhibiting at LDI 2017. ETCP information will be provided at IATSE booths.

10.9 NAMM

Lori Rubinstein said that ESTA has signed an agreement with NAMM. Because of the opportunity provided by the space in the new hall, NAMM wants to expand the show to include all aspects of live events. LSI and Timeless Communications are already working with NAMM. The ESTA January meetings are being held in conjunction with the show, and a hotel has almost been finalized. Lori noted that NAMM is moving their education sessions to a four-floor space at a Hilton hotel, and that all TSP meetings will be held at that Hilton during the show. She noted the curated approach to education that NAMM seeks, and announced that four tracks of curriculum are being crafted: Safety, Control Protocols, Rigging, and Lighting. The schedule must be up by 1 October. There will be an ESTA code to use for the \$25 entry fee.

Jeff Miller said he would be happy to put together a tour of some Disney facilities.

10.9 INNOVA

Information about content for INNOVA was covered under the USITT item.

11 Schedule for future meetings

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

11.1 November 2017 ESTA meetings

Mike Garl said that the next TSC meeting is scheduled for Wednesday, 15 November 2017, 2:00 p.m. PST, at the Tropicana Las Vegas, 3801 Las Vegas Blvd. South, Las Vegas, NV 89109.

11.2 January 2018 ESTA meetings

Mike Garl said that the January meetings will take place in conjunction with the NAMM Show at the Anaheim Convention Center. The show dates are 25-28 January 2018. Meeting dates, times, and location TBD.

12 Adjournment

Eddie Kramer moved to adjourn. The motion was seconded. Hearing no objections, Mike Garl declared the meeting adjourned at 11:24 a.m. CDT.

Technical Standards Council Members as of 25 July 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