

Minutes
Technical Standards Council
Friday, 01 October 2021
via WebEx

Presiding chairperson: Mike Garl; Mike Garl Consulting LLC

Recording secretaries: Richard Nix & Karl Ruling; ESTA

Members attending:

Alan M. Rowe; IATSE Crafts Advancement Program ; P
Bill Sapsis; Sapsis Rigging, Inc.; P
Edwin S. Kramer; I.A.T.S.E. Local 1; P
Erin Grabe; ESTA; exf
Jerry Gorrell; Theatre Safety Programs representing USITT; P
Justin Bennett; University of the Incarnate Word representing USITT; A
Karl G. Ruling; ESTA; exf
Keith Sklar; Actors' Equity Association; P
Michael Lay; Candela Controls, Inc; P
Mike Garl; Mike Garl Consulting LLC; P
Mike Skinner; Contract Services Administration Trust Fund; P
Mike Wood; Mike Wood Consulting LLC; P
Mitch Hefter; (Signify) Mitch Hefter; P
Richard J. Nix; ESTA; exf
William Gillett; Walt Disney Company; A

1 Opening Remarks

Mike Garl called the meeting to order at 11:05. He thanked everyone for taking time out of their busy days. He said he hoped that we are staying healthy.

2 Attendance and membership

2.1 Taking attendance and introductions

2.2 Welcome to visitors

There were none to welcome.

2.3 Call for quorum

Richard Nix confirmed that a majority of the voting body was present, enough for a quorum and to pass a motion needing a supermajority vote.

2.4 Consensus body

Name	Company or representation	Voting status
Keith Sklar	Actors' Equity	P
D. Andrew Gibbs, Ph.D.	Amer. Society of Theatre Consultants	P
R. Duane Wilson	Amer. Society of Theatre Consultants	A
Michael Lay	Candela Controls, Inc.	P
Matthew Antonucci	Contract Services Administration Trust Fund	P
Mike Skinner	Contract Services Administration Trust Fund	A
Steve Terry	Electronic Theatre Controls, Inc.	P
Todd Spencer	ESTA President	P
Edwin S. Kramer	I.A.T.S.E. Local 1	P

Name	Company or representation	Voting status
Alan M. Rowe	IATSE Crafts Advancement Program	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
Justin Bennett	USITT	A
David E. Miller	Walt Disney Company	P
William Gillett	Walt Disney Company	A
	Total votes possible	14

3 Approval of minutes from the previous meeting

See *TSCmin08-2021_DRAFT.pdf*.

Bill Sapsis moved to accept the draft minutes as written. The motion was seconded and then approved, with no no opposition and one abstention from Michael Lay.

4 Patent and anti-trust statements

4.1 Reading of the anti-trust statement

Mike Garl read the following statement aloud to the assembly:

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 an 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 displayed one of the easy-to-read pamphlets. No anti-trust concerns were reported.

4.2 Reading of the call for patents

Mike Garl read the following statement aloud to the assembly:

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

No protected IP was reported.

5 Approval of agenda

Mike Garl noted that there are changes to the agenda. We are working with an r1 version sent out last evening.

Willioam Gillett moved to approve the R1 agenda. The motion was seconded and then approved without opposition.

6 Old Business and standing reports

6.1 Financial reports

Erin Grabe said that Steve Surratt our treasurer sends his regrets. He is recovering from COVID-19 at home and cannot attend this meeting. She thanked William Gillett for his help in working with the Disney accounting department to help support the TSP. She said that the TSP remains relatively healthy, except for a few TSP participation fees that need to be chased.

6.1.1 Treasurer's Report and Status of Contributions and Pledges

[See ESTA TSP_financials_ 2021-08-31.pdf]

No further news or discussion.

6.1.2 TSP Fundraising

6.1.3 Accounting of TSP documents sold and downloaded

See SalesReportforTSC_10-2021.pdf

Mike Garl noted that it is remarkable that people are buying our standards since they are available at no cost on our website.

6.2 Old Business

6.2.1 Technical Standards Program project report

See TSPPrjctsSmmry_10-2021.pdf.

Karl Ruling thanked Richard Nix for his work reformatting the document and for updating it.

6.2.2 Working group documents for possible action by the TSC

6.2.2.1 Public reviews

6.2.2.1.1 BSR E1.22 – 202x, Fire Safety Curtain Systems

Sapsis moved that the document the RWG voted to offer for public review be offered for public review. The motion was seconded and carried without objection or abstention. A BSR8 shall be filed with ANSI.

6.2.2.1.2 BSR E1.41 – 202x, Recommendations for Measuring and Reporting Photometric Performance Data for Entertainment Luminaires Utilizing Solid State Light Sources

See E1-41_2021-5005r2.pdf

Jerry Gorrell moved to send E1.41 to first public review. The motion was seconded and carried without objection or abstention. A BSR8 will be filed after the WG letter ballot is complete and the motion carries there.

6.2.2.1.3 BSR ES1.18 – 202x, Event Safety – Rigging (update)

From the draft August meeting minutes:

Steve Terry moved to send the draft over to the Rigging Working Group for review. The motion was seconded.

There was significant discussion about overlapping projects. The sense was that the TSC wants the Rigging Working to make sure there are no contradictions, particularly in the definitions. Any substantive comments would be considered as public review comments. Karl Ruling said we do not have a way to do this according to the P&P, but suggested that the TSC could ask for the RWG's guidance in determining whether or not there were conflicts between standards, and that this will help the TSC in its vote to approve the first public review.

The motion was amended accordingly, and carried without objection or abstention. The document will be sent to the rigging working group for a limited 21-day review period. Comments returned will be considered as public review comments.

The draft was sent to the RWG. One person commented, but no conflicts were identified. It's now in public review until November 8.

6.2.2.2 Withdrawals

6.2.2.3 Accept as ANS

6.2.2.3.1 BSR E1.19 – 20xx, Recommended Practice for the use of Class A Ground-Fault Circuit Interrupters (GFCIs) Intended for Personnel Protection in the Entertainment Industry

[see BSR_E1-19-20xx_r22.pdf; E1-19 RevwSummary.pdf; Smmry_WG_Ltr_Ballot for BSR_E1-19_AcceptANS.pdf]

Mitch Hefter moved to accept the document as an American National Standard. The motion was seconded. The motion carried with all present voting in favor.

Name	Company or representation	Voting status	Vote
Keith Sklar	Actors' Equity	P	Y
D. Andrew Gibbs, Ph.D.	Amer. Society of Theatre Consultants	P	
R. Duane Wilson	Amer. Society of Theatre Consultants	A	
Michael Lay	Candela Controls, Inc.	P	Y
Matthew Antonucci	Contract Services Administration Trust Fund	P	
Mike Skinner	Contract Services Administration Trust Fund	A	Y
Steve Terry	Electronic Theatre Controls, Inc.	P	
Todd Spencer	ESTA President	P	
Edwin S. Kramer	I.A.T.S.E. Local 1	P	Y
Alan M. Rowe	IATSE Crafts Advancement Program	P	Y
Mike Garl	Mike Garl Consulting LLC	P	Y
Mike Wood	Mike Wood Consulting LLC	P	Y
Mitch Hefter	Mitch Hefter	P	Y
Bill Sapsis	Sapsis Rigging, Inc.	P	Y
Jerry Gorrell	USITT	P	Y
Justin Bennett	USITT	A	(Y redundant vote)
David E. Miller	Walt Disney Company	P	
William Gillett	Walt Disney Company	A	Y
	Total votes possible	14	11 yes

6.2.2.4 GitHub

Task group: Mike Wood, Michael Lay, Steve Terry, Karl Ruling

Any news or updates from the task group? Should we strike this from the agenda?

No news. Michael Lay said we should strike this from the agenda. The consensus was that we shall.

7 New business

7.1 New project request – Secure Streaming Authentication

See TSP_ProjectRequest_SecureStreamingAuthentication.pdf. The CPWG has this on their agenda.

Michael Lay said that the CPWG had voted with only one vote in opposition to accept the project. He moved that the project be accepted. The motion was seconded. There was a brief discussion of why this authentication is needed (to comply with legislation about “connected devices”) and whether it adds a lot of overhead (it doesn't). The motion was approved without opposition.

7.2 Other new business

None.

8 Optional reports

8.1 Optional reports by working and task group leaders on active projects

8.1.1 Control Protocols

Mike Lay reported that there were 13 different projects discussed at this week's meeting. Six task group meetings were hosted. Productivity remains strong.

8.1.2 Electrical Power

Mitch Hefter reported. BSR E1.65 has been officially abandoned.

8.1.3 Floors

Jerry Gorrell reported, there is only one active project, wire tension grids, which should be ramping up between now and January.

8.1.4 Fog and Smoke

Mike Wood reported nothing significant to report. Karl Ruling said that the task group members for active projects have been occupied with getting shows open. He said that key topics of discussion have included air filtration and air exchange rates to control virus spread.

8.1.5 Followspot Position

No report, reported Richard Nix.

8.1.6 Photometrics

Jerry Gorrell said we will now be waiting for the result of the public review just approved.

8.1.7 Rigging

Bill Sapsis gave a brief report and asked for clarification on BSR E1.6-4. Had it been moved to public review? It hadn't, reported Nix.

8.1.8 Stage machinery

Jerry Gorrell reported on a short meeting. Richard Nix said there are four active projects: two are moving quickly; one is moving more slowly; the fourth is delayed.

8.1.9 Event Safety

Richard Nix reported there are a couple of projects in informal working group review in preparation of possible consideration of first public review in January. Two draft standards are in public review now, and he had just sent the ExC a letter ballot to approve BSR ES1.4 as an ANS, the previous evening (September 30).

8.2 Reports of affiliated organizations

8.2.1 ASTC

No report.

8.2.2 Event Safety Alliance

No report.

8.2.3 NFPA

8.2.3.1 FDW-AAA committee (NFPA 80 fire doors & fire safety curtains)

Jerry Gorrell reported, almost finished with revisions to NFPA 80.

8.2.3.2 SPE-AAA (NFPA 160 & 1126, flame and pyrotechnics)

No report, reported Karl Ruling.

8.2.3.3 SAF-AXM & BLD (assembly occupancies. NFPA 101, 102, & 5000)

Jerry Gorrell reported that we are waiting for the first draft ballot to be issued.

8.2.3.4 NEC (NFPA 70)

Mitch Hefter reported on current activities within Code Panel 18. Bill Ellis is being put forward as the alternate to Jason Potterf as our representative.

8.2.3.5 NFPA 70E

Jerry Gorrell reported that there is a group within the ASSP that wants to remove hazard evaluation from the standard.

8.2.4 USITT

Mitch Hefter reported that the next conference is in March 2022. Planning is on-going.

8.2.5 ICC

Richard Nix reported that ANSI E1.21 will be on the ICC website as a reference after he vets the draft.

8.2.6 IES

Mitch Hefter reported on his work on the controls narrative and an update of ANSI/IES LP-6-20, Lighting Practice: Lighting Control Systems – Properties, Selection and Specification.

8.2.7 UL

Jerry Gorrell said there is nothing really exciting with anything he's involved with. Karl Ruling concurred in respects to the panels he is on. Manufacturers of single-pole connectors can now put the assembly instructions on their website. This is significant, but has minimal impact on ESTA members.

8.2.8 ASSP

Jerry Gorrell said he has recently seen updates to the construction and demolition standard.

Richard Nix mentioned the recent communication from them regarding ES1.18 in which they were looking for assurance that it does not cover the same material as is covered in their ANSI/ASSP A10.42, Rigging Qualifications and Responsibilities in the Construction Industry. He assured them it does not. ASSP has provided us with a complimentary copy of A10.42-2000 (R2017).

9 Other business and announcements

9.1 Above & Beyond Awards

Mike Garl noted that information on the Above & Beyond Awards may be found at http://tsp.esta.org/tsp/news/award_recipients.html. We have many awards to recognize the efforts of volunteers. (line items 9.2, 9.3. and 9.4 below).

9.2 Lifetime Technical Achievement Award

Sapsis reported that the next New World Rigging Symposium, at which we usually present this award, is in the process of being planned.

Erin Grabe said that award nominations will be solicited in November.

9.3 Volunteer of the Year Award

No news or action.

9.4 Swan Award

No news or action.

9.5 TSP participation fee donor fund

Erin Grabe reported no changes in the fund.

9.7 INNOVA

Erin Grabe reported that our invoice for INNOVA was cut in half this year with the payment of owed royalties. We still need content. The income from the fees for the classes are split between the presenter, ESTA, and USITT.

10 Schedule for future meetings

Attendees were reminded that the meeting schedule is posted at <http://www.esta.org/ESTA/meetings.php>. The next TSC meeting has not yet been scheduled, but is anticipated to be scheduled for sometime within the week of 17 January 2022, when NAMM would have been in Anaheim. Other future meetings, subject to change, are as follows:

Spring 2022: In conjunction with USITT conference; in-person, 02-05 March 2022, Baltimore, MD

Summer 2022: In conjunction with the rescheduled NAMMShow 2022; in-person, 03-05 June 2022, Anaheim, CA

11 Adjournment

Bill Sapsis moved to adjourn. The motion was seconded. There was no further business to conduct.

Mike Garl thanked everyone for taking time out of their busy schedules to do the good work we do. He declared the meeting adjourned at 11:56.

Technical Standards Council members

Name	Representing	Status
Keith Sklar	Actors' Equity Association	P
R. Duane Wilson	Amer. Society of Theatre Consultants	A
D. Andrew Gibbs, Ph.D.	Amer. Society of Theatre Consultants	P
Michael Lay	Candela Controls, Inc	P
Matthew Antonucci	Contract Services Administration Trust Fund	A
Mike Skinner	Contract Services Administration Trust Fund	P
Steve Terry	Electronic Theatre Controls, Inc.	P
Erin Grabe	ESTA	exf
Karl G. Ruling	ESTA	exf
Richard J. Nix	ESTA	exf
Todd Spencer	ESTA President	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	O
Mike Garl	Mike Garl Consulting LLC	P
Mike Wood	Mike Wood Consulting LLC	P
Mitch Hefter	Mitch Hefter	P
Harry Box	PERG	O
Bill Sapsis	Sapsis Rigging, Inc.	P
Stephen G. Surratt	Texas Scenic Company	exf
Jerry Gorrell	USITT	P
Justin Bennett	USITT	A
David E. Miller	Walt Disney Company	P
William Gillett	Walt Disney Company	A