

Minutes
Technical Standards Council
Monday, 20 July 2020
11:00 to 14:00 EDT
via WebEx

Chairperson presiding: Mike Garl; Mike Garl Consulting LLC

Recording secretaries:

Karl Ruling and Richard Nix; ESTA

Attendees:

William Gillett; Walt Disney Company; A
Jerry Gorrell; USITT; P
Erin Grabe; ESTA executive director; exf
Mitch Hefter; Mitch Hefter; P
Edwin S. Kramer; I.A.T.S.E. Local 1; P
Michael Lay; Candela Controls, Inc; P
D. Andrew Gibbs, Ph.D.; Amer. Society of Theatre Consultants; P
Alan M. Rowe; IATSE Crafts Advancement Program ; P
Bill Sapsis; Sapsis Rigging, Inc.; P
Larry Schoeneman; Larry Schoeneman; I
Keith Sklar; Actors' Equity Association; P
Stephen G. Surratt; Texas Scenic Company; exf
Steve Terry; Electronic Theatre Controls, Inc.; P
R. Duane Wilson; Amer. Society of Theatre Consultants; A

1 Opening Remarks

Mike Garl called the meeting to order at 11:03, welcoming everyone to the meeting, wishing wellness for everyone, and thanking them for taking time out of their schedules to join us. He said he realizes that there are a lot of things now going on, that he knows others are busy during these times.

Garl reminded everyone to mute their microphones when not speaking, to minimize background noise during the meeting.

2 Attendance and membership

2.1 Taking attendance and introductions

2.2 Welcome to visitors

There were no visitors.

2.3 Call for quorum

The minimum for a quorum is eight voting members. Garl reviewed the list of attendees, and determined that both a quorum was present.

2.4 Consensus body changes

2.5 Consensus body, current as of 30 June

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
Matthew Antonucci	Contract Services Administration Trust Fund	P

Name	Company or representation	Voting status
Larry Schoeneman	Larry Schoeneman	P
Steve Terry	Electronic Theatre Controls, Inc.	P
Todd Spencer	ESTA President	P
Edwin S. Kramer	I.A.T.S.E. Local 1	P
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
Michael Lay	Candela Controls, Inc.	P
Bill Sapsis	Sapsis Rigging, Inc.	P
Jerry Gorrell	USITT	P
Louis Bradfield	USITT	A
David E. Miller	Walt Disney Company	P
William Gillett	Walt Disney Company	A
	Total votes possible	15

3 Approval of minutes from the previous meeting

See *TSCmin04-2020DRAFT.pdf*

Jerry Gorrell moved to approve the minutes. The motion was seconded, and carried without objection.

4 Patent and anti-trust statements

4.1 Reading of the anti-trust statement

Mike Garl read the following statement 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 held up the pamphlet in front of his camera for participants to see it.

No restraint of trade issues were raised.

4.2 Reading of the call for patents

Mike Garl read the following statement 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.

Nothing was revealed.

5 Approval of agenda

Mike Garl asked to add an item 6.2.2.4 for a new RWG project request about chain hoist control.

Mitch Hefter moved to approved the agenda as amended. The motion was seconded and carried without objection.

6 Old Business and standing reports

6.1 Financial reports

6.1.1 Treasurer's Report and Status of Contributions and Pledges

Erin Grabe reported that the numbers shown are reasonable for mid-year given current conditions. She said there are TSP donation monies coming, but which are not shown on the current report.

Steve Terry asked why we are only projecting \$15k income from ProSight but showing \$80k of income. Erin Grabe said that Lori Rubenstein had made a practice of leaving the previous budget amount in until the new agreements were in place. Erin has continued that practice, and explained that the ProSight agreement was changing, but the final agreement has not yet been finalized. The topic may be addressed later in the agenda.

Steve Terry asked about the financial impact of closing the Manhattan office. Erin explained that the office rent and utility will be cut to zero. Steve Surratt noted that there will be some expenses in shutting down the office, but those costs will be less than our current rent and utility expenses.

Eddie Kramer asked if we would still maintain a New York address. Grabe said, "Yes, it's 271 Cadman Plaza, in Brooklyn." It's a post office box.

6.1.2 TSP Fundraising

Erin Grabe said that we are not pressing people due to current economic/pandemic conditions.

6.1.3 Accounting of TSP documents sold and downloaded

ANSI ESTA_Q1-20_retail.pdf

6.2 Old Business

6.2.1 Technical Standards Program project report

TSPPrjctsSmmry2020-07.pdf

There were no questions.

6.2.2 Working group documents for possible action by the TSC

6.2.2.1 Public reviews

Karl and Richard gave brief status updates. Nothing required TSC action.

6.2.2.2 Withdrawals

6.2.2.3 Accept as ANS

6.2.2.4 New projects

Bill Sapsis reported that the Rigging Working Group had received a new project request to break E1.6-4 into two parts, adding a fifth E1.6 part to specifically address selection and use of chain hoist control, which was currently covered as part of E1.6-4's broader scope. This will narrow the scope of E1.6-4, making it easier to maintain

moving forward. He said the working group had voted to accept the project, if it was approved by the TSC.

Bill Sapsis moved to approve the new project. The motion was seconded and carried without objection or abstention.

ESTA staff will notify ANSI of the new project.

6.2.3 Translations

6.2.3.1 Spanish

Richard Nix reported that he was told there should be a \$100 donation arriving soon to pay for the Spanish translation rights of E1.19.

6.2.3.2 Chinese

Richard Nix reported that he had reached out to Don Cooper, asking how to contact Jimmy Chan, the person who had done the Chinese translation for the ESA's reopening guide.

7 New business

Richard Nix asked to bring forward some questions about task group recognition in the standards documents, which he and Karl had previously discussed. Mike Garl agreed to open discussion.

Karl Ruling gave a general overview of why task group members have not been given direct credit in the past, saying that the working group is the consensus body, and the actual author of the standard, therefore they are given the credit as part of each standard's acknowledgments.

He then explained that a task group leader had requested special recognition, saying such recognition would be beneficial to help grow his business. Given this person's status, Karl had originally told Richard Nix to give him the recognition, but then learned that Richard had already told the person "No", giving the justifications already mentioned. Karl and Richard then discussed ways for task group members to be acknowledged, but agreed to bring it to the TSC for direction. Nix gave more detail about how the conversation arose, and then asked for guidance from the Council.

Bill Sapsis said that giving such recognition might place the task group in direct exposure to field questions of interpretation. They should not be in such a position, since it is already the responsibility of the TSC and working group to field such inquiries.

Alan Rowe said that these standards are community work-products and should remain that way. Giving individual credit in the standards themselves undermines the community effort.

Steve Terry agreed, saying that he was uncomfortable with any TSP member using an acknowledgment of his work on a standard singled out in that standard for monetary benefit.

Mitch Hefter said that participants have always had the right of listing their individual participation on their personal CVs and bios, which he considered acceptable, but giving direct credit in the standards should not be provided since the working groups are already acknowledged.

Steve Terry moved that the working group members shall remain acknowledged in the standards as has been the practice, but that task group members shall not get direct credit in the document. The motion was seconded. There was discussion, all in favor of the motion, none speaking in favor of listing the task group members in our standards. The motion carried unanimously without opposition or abstention.

8 Optional reports

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

8.1.1 Control Protocols

Michael Lay gave a report on CPWG activities, briefly mentioning the many active projects. He also said the

group is researching the possibility of establishing an ESTA-sanctioned GitHub, or similar repository, for distribution of open-source software. He said that the TSC might anticipate a request for something like this in the near future.

8.1.2 Electrical Power

Mitch Hefter gave a general report on EPWG current activities, particularly focusing on the E1.19 revision and the BSR E1.65, entertainment equipment inspection and maintenance.

8.1.3 Floors

Jerry Gorrell said they had a productive meeting, with resolutions to a contentious subject in E1.62 that has been on the floor for a few months.

8.1.4 Fog and Smoke

Larry Schoenemann reported that he had missed the F&S meeting but had discussed meeting activities with Mike Wood. He reported on the latest action in Georgia regarding fog exposure to minor-aged performers. As of yet the follow-up data has not yet been returned to the working group. Otherwise, no other updates.

8.1.5 Followspot Position

Karl Ruling said there was no meeting. Two standards have been approved by the working group, and there are no active projects at this time.

8.1.6 Photometrics

Jerry Gorrell said he had arrived to the Photometrics meeting late due to technical difficulties, so he deferred to Karl Ruling for a summary.

Karl Ruling said that they had discussed how control consoles might obtain and report color metrics data. He also said they had resolved all of the public review comments from the last public review, and that one of the Public Review commenters was present and contributing to the resolutions during the meeting.

8.1.7 Rigging

Bill Sapsis reported that they had a well-attended and active RWG meeting—over 50 attendees again—but the meeting went well, aside from some minor technical difficulties. They had a lively discussion about E1.4-2, with successful resolution. E1.6-2 has been moved to approve as ANS, and will go to Working Group letter ballot first.

8.1.8 Stage machinery

Jerry Gorrell reported that nothing remarkable was happening. Richard Nix concurred.

8.1.9 Event Safety

ES1.9 has been approved, Richard Nix reported. If progress is made as indicated during the working group meeting, four documents may be ready for working group action at the next meeting.

8.2 Reports of affiliated organizations

8.2.1 ASTC

Andy Gibb reported that there is nothing to 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 nothing happening currently, nor are there any topics that potentially impact us this cycle.

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

Karl Ruling reported nothing to report.

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

Jerry Gorrell reported they are preparing for the next cycle, but not much happening right now.

8.2.3.4 NEC (NFPA 70)

Mitch Hefter reported that the public input period closes September 10. Alan Rowe said he had submitted Article 530 committee comments. Steve Terry put in proposals for 520. There is some work on emergency lighting that may be of interest to us.

8.2.3.5 NFPA 70E

Jerry Gorrell said that the new version of NFPA 70E, Standard for Electrical Safety in the Workplace, is done, unless there are motions from the floor at the convention in June. He also said a lot of people connected with this committee are involved with pandemic response, so he is not expecting anything to happen there for some time.

8.2.4 USITT

Mitch Hefter reported there have been lots of virtual meetings, USITT is also moving their offices across the hall at their office building in Syracuse into a smaller suite. The plans for the next conference consider virtual, in-person, and hybrid attendance models.

8.2.5 DTHG

Karl Ruling reported that the next conference, die Bühnentechnische Tagung, is scheduled for Ulm in October, rescheduled from June. The indications are that the conference is still scheduled to happen, although he found that doubtful. Travel restrictions would keep him from attending, in any case.

8.2.6 ICC

Richard Nix reported that the CCP cycle for 2024 has started and there are minor topics of interest to ESTA constituents.

8.2.7 IES

Mitch Hefter reported that they continue to publish their standards online. The August conference will be online.

8.2.8 UL

Mitch Hefter reported that UV-C lighting is being promoted as a method of disinfectant. There are no specific standards to address this, so UL is looking into this. He has a meeting tonight and will learn more. He is hopeful to have something of more interest to us, soon.

9 Other business and announcements

9.1 Above & Beyond Awards

Information on the Above & Beyond Awards may be found at http://tsp.esta.org/tsp/news/award_recipients.html.

Mike Garl reiterated the importance of nominating the people who are getting things done!

9.2 Lifetime Technical Achievement Award

No news or action.

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

No news or action.

9.6 INNOVA

Erin Grabe reported that the platform is now back online. They are still looking for content. There may also be some monetary incentive to help motivate trainers to produce content. Our involvement with USITT on this is still being discussed. She said that we had received an inquiry from Messe Frankfurt Prolight + Sound NAMM Russia about training material.

9.7 NATEAC

Bill Sapsis said the schedule has been moved to next year, one year from this year's scheduled event, and that there will be no NATEAC party tonight.

10 Schedule for future meetings

The meeting schedule may be found at <http://www.esta.org/ESTA/meetings.php>.

The Autumn 2020 meetings were reported as scheduled for the second week of October. They will be via WebEx.

11 Adjournment

Jerry Gorrell moved to adjourn. There being no further business, Mike Garl declared the meeting adjourned at 12:11.

Technical Standards Council members

Delegate	Company	Representation	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
William Gillett	Disney Parks Live Entertainment	Walt Disney Company	A
Jerry Gorrell	Theatre Safety Programs	USITT	P
Erin Grabe	ESTA	ESTA	exf
Mitch Hefter	Mitch Hefter	Mitch Hefter	P
Edwin S. Kramer	I.A.T.S.E. Local 1	I.A.T.S.E. Local 1	P
Michael Lay	Candela Controls, Inc	Candela Controls, Inc	P
David E. Miller	Walt Disney Parks & Live Entertainment	Walt Disney Company	P
Richard J. Nix	ESTA	ESTA	exf
D. Andrew Gibbs, Ph.D.	D. A. Gibbs and Associates	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
Karl G. Ruling	ESTA	ESTA	exf
Bill Sapsis	Sapsis Rigging, Inc.	Sapsis Rigging, Inc.	P
Larry Schoeneman	Larry Schoeneman	Larry Schoeneman	I
Keith Sklar	Actors' Equity Association	Actors' Equity Association	P
Todd Spencer	PSAV Presentation Services	ESTA President	P
Stephen G. Surratt	Texas Scenic Company	Texas Scenic Company	exf
Steve Terry	Electronic Theatre Controls	Electronic Theatre Controls, Inc.	P
R. Duane Wilson	George C. Izenour Associates	Amer. Society of Theatre Consultants	A

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Delegate	Company	Representation	Voting status
Mike Wood	Mike Wood Consulting LLC	Mike Wood Consulting LLC	P

Voting status codes:

- P Principal voter
- A Alternate voter
- O Observer, non-voter
- exf Ex Officio