

Minutes
Stage Machinery Working Group
Thursday, 15 April 2021
via WebEx

Chairpersons:

Joe Jeremy; Show Distribution Group (presiding)
Dan Culhane; Wenger

Recording secretaries:

Karl Ruling and Richard Nix; ESTA

Attendees:

Jesse Adams; Rose Brand Wipers, Inc; P; DR
Troy Atkinson; Production Resource Group; P; CP
Daniel Brinker; USITT; P; G
Mike Brubaker; CM Buck Associates; P; DR
Paul Brunner; Thern, Inc.; P; MP
Sanford P. Gilzow; Shur-Rig LLC; P; DR
Joe Golden; Gallagher Staging & Productions; P; DR
Jerry Gorrell; Theatre Safety Programs; P; G
Julian Hoare; Tait Towers Manufacturing LLC; P; CP
Jeremy Hodgson; Jeremy Hodgson; I; G
Matt Jordan; Production Resource Group; A; CP
Peter A. Scheu; Amer. Society of Theatre Consultants; P; DE
Steven Serafin; The Hartford Group; P; G
Christopher B. Tilton; About the Stage, LLC; P; DE
Steve Walker; Steve A. Walker & Associates; P; DE
Andrew Young; Andrew Young; I; U

1 Opening Remarks

Joe Jeremy called the meeting to order at 11:06, welcoming everyone to the meeting and thanking them for taking time to show up.

2 Patent and anti-trust statements

2.1 Reading of the anti-trust statement

Joe Jeremy 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 held up the pamphlet for all video enabled attendees to see.

2.2 Reading of the call for patents

Joe Jeremy 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.

Nothing was revealed.

3 Attendance and Membership

3.1 Requirements for membership

Joe Jeremy read the following statement aloud to the assembly.

Membership is open to all parties who are affected by the work of the group; membership in ESTA is not a requirement, but there is a \$100/person/year participation fee to help fund the costs of running the Technical Standards Program. Voting members are required to attend meetings and vote on letter ballots. Any principal member and alternate that both miss three consecutive meetings or that miss three consecutive letter ballots will have their membership status changed to observer. This action will be taken at the beginning of the first meeting after such inaction and will be recorded in the minutes of that meeting.

3.2 Introduction of attendees

Richard Nix read the names from the WebEx attendee list.

3.3 Determination of a quorum

There are 25 possible votes. A quorum is 9, a supermajority is 13.

Karl Ruling said these requirements were both met for today's meeting.

3.4 Processing of new membership and status change requests

As of today's meeting, the following applications and status change requests had been received:

*Troy Atkinson; Production Resource Group; P; CP (new application)
Matt Jordan; Production Resource Group; A; CP (new application)
Sanford P. Gilzow; Shur-Rig, LLC; P; DR (voting status change request)*

Steve Walker moved to accept the applications and change requests. The motion carried without objection or abstention.

3.5 Changes to observer status

3.5.1 Changes due to attendance

The following voters have missed two consecutive meetings. If they are not in attendance today, their representation status will be changed to Observer.

*Tait Towers Manufacturing, LLC; Julian Hoare (P); Jim Love (A)
USITT; Dan Brinker*

All were present.

3.5.2 Changes due to missed letter ballots

There are none.

3.5.3 Automatic status changes

There are none.

3.6 Consensus body

The table below shows the full consensus voting body after all changes effected during the meeting.

Name	Representing	Status	Int Cat
Christopher B. Tilton	About the Stage, LLC	P	DE
Peter A. Scheu	Amer. Society of Theatre Consultants	P	DE
R. Duane Wilson	Amer. Society of Theatre Consultants	A	DE
Andrew Young	Andrew Young	I	U
Mike Brubaker	CM Buck Associates	P	DR
Gareth Conner	Creative Conners, Inc.	P	MP
Michael Wade	Creative Conners, Inc.	A	MP
Joseph Champelli	Entertainment Project Services, LLC	P	CP
Eric Rouse	Entertainment Project Services, LLC	A	CP
Joshua "Fritz" Friedensohn	Entertainment Project Services, LLC	A	CP
Joe Golden	Gallagher Staging	P	DR
Reid Neslage	H & H Specialties, Inc.	P	MP
Bruce Darden	InterAmerica Stage, Inc.	P	CP
Drew Becker	InterAmerica Stage, Inc.	A	CP
Jeremy Hodgson	Jeremy Hodgson	I	G
Michael Shaw	Motion Laboratories, Inc.	P	MP
Rick Montgomery	Motion Laboratories, Inc.	A	MP
Troy Atkinson	Production Resource Group	P	CP
Matt Jordan	Production Resource Group	A	CP
Richard J. Nix	Richard J. Nix	I	G
Jesse Adams	Rose Brand Wipers, Inc	P	DR
Bruce Downer	SERAPID, Inc.	P	CP
Joseph Jeremy	Show Distribution Group, Inc.	P	CP
Bill McIntyre	Show Distribution Group, Inc.	A	CP
Sanford P. Gilzow	Shur-Rig, LLC	P	DR
Steve Walker	Steve A. Walker & Associates	P	DE
Julian Hoare	Tait Towers Manufacturing LLC	P	CP
Jim Love	Tait Towers Manufacturing LLC	A	CP
David Bond	Tait Towers Manufacturing LLC	A	CP
Nathan Dye	Texas Scenic Company	P	CP
Steven Serafin	The Hartford Group	P	G
Michael Nishball	Theatre Projects Consultants, Inc.	P	DE
Jim Niesel	Theatre Projects Consultants, Inc.	A	DE

Name	Representing	Status	Int Cat
Jerry Gorrell	Theatre Safety Programs	P	G
Paul Brunner	Them, Inc.	P	MP
Dan Brinker	U.S.I.T.T	P	G
Dan Culhane	Wenger Corp.	P	MP
Peter V. Svitavsky	Wenger Corp.	A	MP
Paul Zagajeski	Wenger Corp.	A	MP
Robert Dean	ZFX, Inc.	P	CP
Total possible votes:		27	
	Custom market producer (CP)		8
	Designer (DE)		4
	Dealer rental company (DR)		4
	General interest (G)		5
	Mass-market producer (MP)		5
	User (U)		1
Voting status key: P = Principal voter, A = Alternate voter, I = Individual voter			

4 Approval of the minutes from the last meeting

[See *SMmin01-2020_DRAFT.pdf*]

Dan Culhane moved to approve the minutes. The motion was seconded and carried without objection or abstention.

5 Approval of agenda

Mike Brubaker moved to approve the agenda. The motion was seconded and carried without objection or abstention.

6 Old Business

6.1 BSR E1.42-201x, stage and orchestra lifts

Steve Walker (leader), Jim Niesel (co-leader), Michael Nishball, Pete Svitavsky, and Chris Tilton

Any news or updates?

Steve Walker reported they are moving slowly due to scheduling conflicts, but they are working on a new meeting schedule. He noted that he'd been contacted by a NYC building official who said that they are lacking in building code requirements for stage lifts. Joe Jeremy asked if it was an opportunity to present ANSI E1.42. Steve said that the scope was currently too narrow to satisfy their needs.

6.2 ANSI E1.44 – 2014, Common Show File Exchange Format for Entertainment Industry Automation Control Systems -- Stage Machinery *(Reaffirm, revise or withdraw by 07 May 2024)*

6.3 BSR E1.64, Stage Machinery Motion Control

Task group members are: Joe Jeremy (Chair), Michael Shaw, Jem Hodgson, Wendy Manson, Gareth Conner, Bruce Darden, Nils Becker, Duane Wilson, David Bond, Nathan Dye, Julian Hoare, Bill McIntyre, John Ringelman.

Any news or updates?

Joe Jeremy reported that they have been moving slowly due to his focus on other standards projects, but he is

moving back to this one next week. He said that he will be working with Michael Lichter regarding User Interface requirements, saying that Michael contacted him about a new DIN project to unify user interface graphical requirements.

Richard Nix asked if that effort covered control interface requirements in a manner similar to NFPA 79, which also addresses user interface topics such as standard button color codes. Joe said he was not yet familiar enough with the DIN project to answer definitively.

6.4 BSR E1.71 Curtain Machines

Jesse Adams (task group leader), Pete Svitavsy, Dan Brinker, Reid Neslage, Bruce Darden, Mike Brubaker, and Paul Brunner.

Any news or updates?

Jesse Adams reported they are making good progress. He said they have approached a few of the roll drop manufacturers to see if they have interest in participating in the development process. He also said they are considering adding tracks to their scope.

6.5 BSR E1.72 Floor Machines

Steve Serafin (Co-task group leader), Drew Becker (Co-task group leader), Steve Walker, Joe Champelli, Joe Golden, Paul Zagajeski, Duane Wilson, and Julian Hoare

Any news or updates?

Steve Serafin reported that they have changed their meeting schedule, and Drew Becker is taking more of a leadership role due to Steve's scheduling conflicts. They are making good progress.

7 New business

8 Other business and announcements

8.1 Above & Beyond Awards

Information on the Above & Beyond Awards may be found at http://tsp.esta.org/tsp/news/award_recipients.html. The nomination site is open year round, and the award is designed for members to highlight the work of their peers.

8.2 USITT Risk Assessment project

Jerry Gorrell said, "There is nothing dramatic to report."

9 Schedule for future meetings

The meeting schedule is normally posted at <http://www.esta.org/ESTA/meetings.php>. The next meeting is scheduled for Friday 30 July 2021 at 15:00 Eastern Time.

Joe asked if there was any indication of when we would be back face-to-face. Karl Ruling said it is not likely before the January NAMM show. He mentioned the course of the pandemic, the benefits of in-person versus on-line meetings, and financial/in-kind support arrangements at trade shows all being factors.

Richard Nix said the Fall meetings will likely occur sometime within the late September early October time frame.

Dan Culhane also asked everyone to please pay their participation fee as soon as they are able.

10 Adjournment

The agenda being complete, and there being no further business brought forth, Joe Jeremy declared the meeting adjourned at 11:32.

Stage Machinery Working Group members as of 15 April 2021

Name	Representing	Status	Int Cat
Edwin S. Kramer	1501	O	U
Christopher B. Tilton	About the Stage, LLC	P	DE
Peter A. Scheu	Amer. Society of Theatre Consultants	P	DE
R. Duane Wilson	Amer. Society of Theatre Consultants	A	DE
Andrew Young	Andrew Young	I	U
Franco Magliozzi	Chubb Group of Insurance Companies	O	G
Mike Brubaker	CM Buck Associates	P	DR
Gareth Conner	Creative Conners, Inc.	P	MP
Michael Wade	Creative Conners, Inc.	A	MP
Phil Heid	Creative Stage Lighting Co., Inc.	O	DR
Nils Becker	Electronic Theatre Controls, Inc.	O	MP
Joseph Champelli	Entertainment Project Services, LLC	P	CP
Eric Rouse	Entertainment Project Services, LLC	A	CP
Joshua "Fritz" Friedensohn	Entertainment Project Services, LLC	A	CP
Jim Digby	Event Safety Alliance	O	U
Joe Golden	Gallagher Staging & Productions	P	DR
Jeong Sik Yoo	Ghost LX	O	DE
Reid Neslage	H & H Specialties Inc.	P	MP
Bruce Darden	InterAmerica Stage, Inc.	P	CP
Drew Becker	InterAmerica Stage, Inc.	A	CP
Jeremy Hodgson	Jeremy Hodgson	I	G
Michael Shaw	Motion Laboratories, Inc.	P	MP
Rick Montgomery	Motion Laboratories, Inc.	A	MP
Kurt Pragman	Pragman Associates, LLC	O	G
Troy Atkinson	Production Resource Group	P	CP
Matt Jordan	Production Resource Group	A	CP
Richard J. Nix	Richard J. Nix	I	G
Jesse Adams	Rose Brand Wipers, Inc	P	DR
Bruce Downer	SERAPID, Inc.	P	CP
Joseph Jeremy	Show Distribution Group, Inc.	P	CP
Bill McIntyre	Show Distribution Group, Inc.	A	CP

Stage Machinery Working Group members as of 15 April 2021

Sanford P. Gilzow	Shur-Rig LLC	P	DR
Steve Walker	Steve A. Walker & Associates	P	DE
Julian Hoare	Tait Towers Manufacturing LLC	P	CP
Jim Love	Tait Towers Manufacturing LLC	A	CP
Nathan Dye	Texas Scenic Company	P	CP
Steven Serafin	The Hartford Group	P	G
Michael Nishball	Theatre Projects Consultants, Inc.	P	DE
Jim Niesel	Theatre Projects Consultants, Inc.	A	DE
Jerry Gorrell	Theatre Safety Programs	P	G
Paul Brunner	Thern, Inc.	P	MP
Robert Haycock	UC Berkeley	O	U
Zachary Stevenson	University of North Carolina School of the Arts	O	U
Justin Bennett	University of the Incarnate Word	O	U
Dan Lisowski	University of Wisconsin - Madison	O	U
Daniel Brinker	USITT	P	G
Wendy Manson	Wendy Manson	O	G
Dan Culhane	Wenger Corp.	P	MP
Peter V. Svitavsky	Wenger Corp.	A	MP
Paul Zagajeski	Wenger Corp.	A	MP
Robert Dean	ZFX, Inc.	P	CP