

Minutes
Stage Machinery Working Group
Wednesday, 12 April 2023 14:00-18:00 Pacific Time
Wyndham Anaheim - Anaheim, CA

Chairpersons:

Joe Jeremy; Show Distribution Group; P; CP
Dan Culhane; Wenger Corp; P; MP (presiding)

Recording Secretary:

Richard Nix (ESTA)

Attendees:

Jesse Adams; Rose Brand Wipers, Inc; P; DR
Jane Harrington, ARM; The Hartford Group; A; G
Mike Brubaker; CM Buck Associates; P; DR
Paul Brunner; Thern, Inc.; P; MP
Ben Clark; Ben Clark; I; U
Bruce Darden; InterAmerica Stage, Inc.; P; CP
Nathan Dye; Texas Scenic Company; P; CP
Sanford P. Gilzow; Shur-Rig LLC; P; DR
Joe Golden; Gallagher Staging & Productions; P; DR
Tiny Good; Showtech Australia; O; U
Robert Haycock; Robert Haycock; O; U
Julian Hoare; Tait Towers Manufacturing LLC; P; CP
Jeremy Hodgson; Jeremy Hodgson; I; G
Matt Jordan; Production Resource Group; A; CP
Edwin S. Kramer; 1501; O; U
Sam Michael; Sam Michael; I; DE
Cole Muth; Electronic Theatre Controls, Inc.; P; MP
Reid Neslage; Reid Neslage; I; G
Chris Peterson; Tait Towers Manufacturing LLC; A; CP
Marco Robles; I.A.T.S.E. Local 80; O; U
Steven Serafin; The Hartford Group; P; G
Steve Walker; Steve A. Walker & Associates; P; DE
R. Duane Wilson; Amer. Society of Theatre Consultants; A; DE

1 Opening Remarks

Dan Culhane called the meeting to order at 14:05, welcoming everyone to the meeting, and thanking them for taking time to attend the meeting, and help continue our very important work.

2 Patent and anti-trust statements

Dan Culhane 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.

Richard Nix held up a copy of the easy-to-read pamphlet for all to see.

2.2 Reading of the call for patents

Dan Culhane 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

Dan Culhane 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.

Richard Nix said that the TSP renewals have been sent as of 03 February. Please look for the email. If you have not received one contact him to have another one sent.

3.2 Introduction of attendees

3.3 Determination of a quorum

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

Richard Nix confirmed that both requirements had been met.

3.4 Processing of new membership and status change requests

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

*Reid Neslage; Reid Neslage; I; G
Jane Harrington; The Hartford Group; A; G
Chris Peterson; Tait Towers Manufacturing LLC; A; CP
Sam Michael; Sam Michael; I; DE
Craig Roberts; Tait Towers Manufacturing LLC; A; CP
Marco Robles; I.A.T.S.E. Local 80; P; U (status change to P)*

Bruce Darden moved to approve the applications and change requests as submitted. The motion was seconded and carried without objection or abstentions.

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 voting status will be changed to Observer. For voting entities with multiple representatives, only one need be present.

*Andrew Young (not present)
CM Buck Associates – Mike Brubaker*

Gallagher Staging & Productions – Joe Golden
 Jem Hodgson
 Tait Towers Manufacturing LLC – Julian Hoare, Jim Love
 Theatre Projects Consultants, Inc – Jim Niesel, Michael Nishball (not present)
 Theatre Safety Programs – Jerry Gorrell (not present)

Those who were not present have had their status changed to Observer.

3.5.2 Changes due to missed letter ballots

There are none.

3.5.3 Automatic status changes

Reid Neslage (retired from Texas Scenic, see new application above)

3.6 Consensus body

The table below shows the full consensus voting body after this meeting's actions.

Name	Representing	Status	Int Cat
Peter A. Scheu	Amer. Society of Theatre Consultants	P	DE
R. Duane Wilson	Amer. Society of Theatre Consultants	A	DE
Ben Clark	Ben Clark	I	U
Mike Brubaker	CM Buck & Associates	P	DR
Gareth Conner	Creative Conners, Inc.	P	MP
Harry Beauregard	Creative Conners, Inc.	A	MP
Michael Wade	Creative Conners, Inc.	A	MP
Cole Muth	Electronic Theatre Controls, Inc.	P	MP
Joe Golden	Gallagher Staging & Productions	P	DR
Marco Robles	I.A.T.S.E. Local 80	P	U
Bruce Darden	InterAmerica Stage, Inc.	P	CP
Drew Becker	InterAmerica Stage, Inc.	A	CP
Jeremy Hodgson	Jeremy Hodgson	I	G
Sam Michael	Sam Michael	I	DE
Troy Atkinson	Production Resource Group	P	CP
Matt Jordan	Production Resource Group	A	CP
Reid Neslage	Reid Neslage	I	G
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
Chris Peterson	Tait Towers Manufacturing LLC	A	CP
Craig Roberts	Tait Towers Manufacturing LLC	A	CP
Nathan Dye	Texas Scenic Company	P	CP
Steven Serafin	The Hartford Group	P	G
Jane Harrington	The Hartford Group	A	G
Paul Brunner	Thern, Inc.	P	MP
Dan Lisowski	University of Wisconsin Madison	P	U
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:		26	
	Custom market producer (CP)		7
	Designer (DE)		3
	Dealer rental company (DR)		4
	General interest (G)		5
	Mass-market producer (MP)		4
	User (U)		3
Voting status key: P = Principal voter, A = Alternate voter, I = Individual voter			

4 Approval of the minutes from the last meeting

[See *SMmin01-2023_DRAFT.pdf*]

Sandy Gilzow moved to approve the minutes. The motion was seconded. There was no discussion. The motion carried without objection or abstention.

5 Approval of agenda

Sandy Gilzow moved to approve the agenda. The motion was seconded. There was no discussion. The motion 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), Bruce Downer, Michael Nishball, Pete Svitavsky, and Chris Tilton

Any news or updates?

Steve Walker reported they have finished resolutions and just need to make the associated document revisions.

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), Jem Hodgson, Bruce Darden, Duane Wilson, Nathan Dye, Julian Hoare, Bill McIntyre, John Ringelman.
[BSR E1.64-202x_SL2023-10002r0.pdf]

The task group has submitted a draft for working group consideration of its first public review.

Joe Jeremy reported that he wanted to discuss what had been sent, with a mind to approve a first public review. There was about 2 hours of discussion, with editorial revisions made to the draft.

Bruce Darden moved to approve a first public review of the revised draft. The motion was seconded, and carried without objection or abstention. The motion forwards to the TSC.

6.4 BSR E1.71 Curtain Machines

Jesse Adams (task group leader), Reid Neslage, Bruce Darden, Mike Brubaker, and Paul Brunner.
[see BSR E1.71_PR2CmmntResols_DRAFT.pdf and BSR_E1-71_202x_2022-10006r2.pdf]

The task group has submitted draft comment resolutions and an updated draft revision for your consideration.

Jesse Adams reported. He thanked the incredibly proactive task group participants, noting that Pete Svitavsky is no longer on the task group.

Jesse moved to approve the draft comment resolutions as submitted. The motion was seconded, and carried without objection or abstention.

Jesse then moved to approve the revised draft for another public review. The motion was seconded. There was discussion. Dan Culhane asked about the 6.2.5.6.2 roller tube requirement for fail-safe design. He explained how it is not possible to accomplish this for a roller tube. This brought up a question about whether or not the requirement for listing by NRTL existed. There was more discussion resulting in a myriad of various editorial changes, some involving renumbering. At the end of discussion, the motion was amended to address the newly revised draft. The motion carried without objection or abstentions. A BSR8 will be filed with ANSI, with a public review commencing soon thereafter.

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
[see BSR E1.72_PR2 CmmntResols_Draft.pdf and BSR_E1.72-202x_2022-10001r5a.pdf]

When the meeting occurs, the public review will have ended on 04 April, and a comment summary will likely have been distributed.

The task group had sent draft public review comments and a revised draft revision to the working group, but they were distributed after the 2-week document distribution deadline. Steve Serafin said that he thought the definition for E-Stop in the current draft should be replaced with the definition from BSR E1.64, discussed earlier in the meeting. The working group's consensus agreed, so the change was made.

Bruce Darden moved to approve the public review comments and then send the revised draft out for public review, via letter ballot. The motion was seconded without objection or abstention. A letter ballot will be issued.

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. The deadline for nominations is 01 November.

8.2 Other other business

9 Schedule for future meetings

The meeting schedule is posted at <http://www.esta.org/ESTA/meetings.php>. The Summer 2023 meetings will return to Westlake, TX the week of 17 July, and the Fall 2023 meetings will return there during the week of 02 October.

10 Adjournment

The agenda's business being completed, there being no further business brought forth, Dan Culhane declared the meeting adjourned at 18:05

Stage Machinery Working Group members as of 12 April 2023

Name	Representing	Status	Int cat
Jesse Adams	Rose Brand Wipers, Inc	P	DR
Jane Harrington, ARM	The Hartford Group	A	G
Troy Atkinson	Production Resource Group	P	CP
Harry Beauregard	Creative Conners, Inc.	A	MP
Nils Becker	Electronic Theatre Controls, Inc.	O	MP
Drew Becker	InterAmerica Stage, Inc.	A	CP
Justin Bennett	University of the Incarnate Word	O	U
Daniel Brinker	USITT	O	G
Mike Brubaker	CM Buck Associates	P	DR
Paul Brunner	Thern, Inc.	P	MP
Joseph Champelli	Entertainment Project Services, LLC	O	CP
Ben Clark	Ben Clark	I	U
Gareth Conner	Creative Conners, Inc.	P	MP
Dan Culhane	Wenger Corp.	P	MP
Bruce Darden	InterAmerica Stage, Inc.	P	CP
Robert Dean	ZFX, Inc.	P	CP
Jim Digby	Event Safety Alliance	O	U
Bruce Downer	SERAPID, Inc.	P	CP
Nathan Dye	Texas Scenic Company	P	CP
Joshua "Fritz" Friedensohn	Entertainment Project Services, LLC	O	CP
Sanford P. Gilzow	Shur-Rig LLC	P	DR
Joe Golden	Gallagher Staging & Productions	P	DR
Tiny Good	Showtech Australia	O	U
Jerry Gorrell	Theatre Safety Programs	P	G
Robert Haycock	Robert Haycock	O	U
Phil Heid	Creative Stage Lighting Co., Inc.	O	DR
Julian Hoare	Tait Towers Manufacturing LLC	P	CP
Jeremy Hodgson	Jeremy Hodgson	I	G
Joseph Jeremy	Show Distribution Group, Inc.	P	CP

Stage Machinery Working Group members as of 12 April 2023

Name	Representing	Status	Int cat
Matt Jordan	Production Resource Group	A	CP
Edwin S. Kramer	1501	O	U
Dan Lisowski	University of Wisconsin - Madison	P	U
Jim Love	Tait Towers Manufacturing LLC	A	CP
Bill McIntyre	Show Distribution Group, Inc.	A	CP
Sam Michael	Sam Michael	I	DE
Rick Montgomery	Motion Laboratories, Inc.	O	MP
Cole Muth	Electronic Theatre Controls, Inc.	P	MP
Reid Neslage	Reid Neslage	I	G
Jim Niesel	Theatre Projects Consultants, Inc.	A	DE
Michael Nishball	Theatre Projects Consultants, Inc.	P	DE
Richard J. Nix	Richard J. Nix	I	G
Chris Peterson	Tait Towers Manufacturing LLC	A	CP
Kurt Pragman	Pragman Associates, LLC	O	G
Craig Roberts	TAIT Towers Manufacturing LLC	A	CP
Marco Robles	I.A.T.S.E. Local 80	O	U
Eric Rouse	Entertainment Project Services, LLC	O	CP
Peter A. Scheu	Amer. Society of Theatre Consultants	P	DE
Steven Serafin	The Hartford Group	P	G
Michael Shaw	Motion Laboratories, Inc.	O	MP
Zachary Stevenson	University of North Carolina School of the Arts	O	U
Peter V. Svitavsky	Wenger Corp.	A	MP
Kevin Taylor	Tait Towers Manufacturing LLC	O	CP
Christopher B. Tilton	About the Stage, LLC	O	DE
Michael Wade	Creative Conners, Inc.	A	MP
Steve Walker	Steve A. Walker & Associates	P	DE
R. Duane Wilson	Amer. Society of Theatre Consultants	A	DE
Jeong Sik Yoo	Ghost LX	O	DE
Andrew Young	Andrew Young	I	U

Stage Machinery Working Group members as of 12 April 2023

Name	Representing	Status	Int cat
Paul Zagajeski	Wenger Corp.	A	MP