

Minutes
Stage Machinery Working Group
Thursday, 02 June 2022
14:00 – 17:00 PDT
Wyndham Anaheim, Anaheim, CA

Chairpersons:

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

Recording secretaries:

Karl Ruling & Richard Nix (ESTA)

Attendees:

Jesse Adams; Rose Brand Wipers, Inc; P; DR
Drew Becker; InterAmerica Stage, Inc.; A; CP
Mike Brubaker; CM Buck Associates; P; DR
Paul Brunner; Thern, Inc.; P; MP
Bruce Darden; InterAmerica Stage, Inc.; P; CP
Robert Dean; ZFX, Inc.; P; CP
Bruce Downer; SERAPID, Inc.; P; CP
Nathan Dye; Texas Scenic Company; P; CP
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
Joseph Jeremy; Show Distribution Group, Inc.; P; CP
Cole Muth; Electronic Theatre Controls, Inc.; P; MP
Reid Neslage; Texas Scenic Company; A; MP
Michael Nishball; Theatre Projects Consultants, Inc.; P; DE
Steven Serafin; The Hartford Group; P; G
Michael Wade; Creative Connors, Inc.; A; MP
Steve Walker; Steve A. Walker & Associates; P; DE
R. Duane Wilson; Amer. Society of Theatre Consultants; A; DE
Andrew Young; Andrew Young; I; U
Paul Zagajeski; Wenger Corp.; A; MP

Visitors:

Ben Adams

1 Opening Remarks

Dan Culhane called the meeting to order at 14:02. He thanked all those on-line and in the room for attending, for donating their time.

2 Patent and anti-trust statements

2.1 Reading of the anti-trust statement

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.

Karl Ruling held up the easy to read pamphlet in front of his webcam, for everyone to see. No anti-trust concerns were raised.

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.

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.

3.2 Introduction of attendees

3.3 Determination of a quorum

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

Richard Nix confirmed that the requirements of both a quorum and a supermajority were 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; Texas Scenic Company; A; MP (change of representation)
Mike Brubaker; CM Buck & Associates; P; DR (change of voting status);
Andrew Young; Andrew Young; I; U (change of voting status)
Joe Golden; Gallagher Staging & Productions; P; DR (change of voting status)*

Steve Walker moved to approved the changes. The motion was seconded and carried without objection or abstention.

Mike Brubaker's microphone was not working. Later, during introductions, he asked to have his voting status restored. Bruce Darden moved to accept Mike Brubaker's status. The motion was seconded and 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.

There are none.

3.5.2 Changes due to missed letter ballots

There are none.

3.5.3 Automatic status changes

Reid Neslage; H & H Specialties, Inc (see change of representation above)

3.6 Consensus body

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

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
Ben Clark	Ben Clark	I	U
Mike Brubaker	CM Buck & Associates	P	DR
Gareth Conner	Creative Conners, Inc.	P	MP
Michael Wade	Creative Conners, Inc.	A	MP
Cole Muth	Electronic Theatre Controls, Inc.	P	MP
Joe Golden	Gallagher Staging & Productions	P	DR
Bruce Darden	InterAmerica Stage, Inc.	P	CP
Drew Becker	InterAmerica Stage, Inc.	A	CP
Jeremy Hodgson	Jeremy Hodgson	I	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
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
Reid Neslage	Texas Scenic Company	A	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
Dan Culhane	Wenger Corp.	P	MP
Peter V. Svitavsky	Wenger Corp.	A	MP
Paul Zagajeski	Wenger Corp.	A	MP
Andrew Young	Andrew Young	I	U
Robert Dean	ZFX, Inc.	P	CP
Total possible votes:		25	
	Custom market producer (CP)	7	
	Designer (DE)	4	
	Dealer rental company (DR)	4	
	General interest (G)	4	
	Mass-market producer (MP)	4	
	User (U)	2	
Voting status key: P = Principal voter, A = Alternate voter, I = Individual voter			

4 Approval of the minutes from the last meeting

[See *SMmin03-2022_DRAFT.pdf*]

Jesse Adams moved to approve the minutes. The motion was seconded, and carried without objection or abstention.

5 Approval of agenda

Steve Walker 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), Bruce Downer, Michael Nishball, Pete Svitavsky, and Chris Tilton

From the draft March meeting minutes:

Steve Walker reported that they have been meeting regularly. They have worked out the changes to the scope. A new draft will be ready for the summer meeting or for the fall meeting.

Any updates or actions?

Steve Walker reported that the task group had been meeting, making progress, and only had annex notes remaining for revise. They hope to have a document to the working group by around the July time frame, so that they can make any new revisions in time for public review consideration in September.

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)*

No news or action.

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 updates?

Joe Jeremy reported they are making progress. They have a meeting tomorrow. He's revised the document's structure. If it is acceptable to the task group, they will start filling out the topic items.

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.

[See BSR_E1-71_202x_2022-10006r0.pdf] The task group has provided a draft for the working group's consideration.

Jesse Adams reported that Steve Walker had given them two comments, which he explained. He asked how the group wished to handle them. After discussion, the consensus was to revise the document now, during the meeting, so it could be considered for first public review at this meeting. The changes were made (the new revision is r1).

Bruce Darden moved to send the revised draft r1 to first public review. The motion was seconded, and carried without objection or abstention. The motion will be on the TSC's agenda at their next meeting, this coming Sunday.

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_E1.72-202x_2022-10001r1.pdf]

The task group has provided a draft for the working group's consideration.

Joe Golden moved to send the draft to first public review. The motion was seconded. There was discussion.

Bruce Darden asked if there were chapters yet to add, or was this draft considered a finished product. Steve Serafin said they considered it done.

Dan Culhane called the question. The motion carried without objection or abstention. The motion will be on the TSC's agenda at their next meeting, this coming Sunday.

7 New business

None.

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.

Dan Culhane reminded everyone of the award.

8.2 Other other business

9 Schedule for future meetings

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

The next meeting is scheduled for Thursday 15 September 2022 at the Marriott D/FW Westlake (formerly known as the Marriott Solana) in Westlake, TX.

January meetings will be WebEx only.

10 Adjournment

The agenda business complete, there being no further business brought forth, Dan Culhane declared the meeting adjourned at 15:22.

Stage Machinery Working Group members as of 02 June 2022

Name	Representing	Status	Int cat
Jesse Adams	Rose Brand Wipers, Inc	P	DR
Troy Atkinson	Production Resource Group	P	CP
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
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
Matt Jordan	Production Resource Group	A	CP
Edwin S. Kramer	1501	O	U
Dan Lisowski	University of Wisconsin - Madison	O	U
Jim Love	Tait Towers Manufacturing LLC	A	CP
Wendy Manson	Wendy Manson	O	G
Bill McIntyre	Show Distribution Group, Inc.	A	CP
Rick Montgomery	Motion Laboratories, Inc.	O	MP
Cole Muth	Electronic Theatre Controls, Inc.	P	MP
Reid Neslage	Texas Scenic Company	A	MP
Jim Niesel	Theatre Projects Consultants, Inc.	A	DE
Michael Nishball	Theatre Projects Consultants, Inc.	P	DE
Richard J. Nix	Richard J. Nix	I	G

Stage Machinery Working Group members as of 02 June 2022

Name	Representing	Status	Int cat
Kurt Pragman	Pragman Associates, LLC	O	G
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	P	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
Paul Zagajeski	Wenger Corp.	A	MP