

Minutes
Stage Machinery Working Group
Saturday, 20 July 2019
D/FW Marriott Solana
Westlake, TX

Chairpersons:

Dan Culhane; Wenger; P; MP (presiding)
Joe Jeremy; Show Distribution Group, Inc; P; CP (in absentia)

Recording secretaries:

Karl Ruling and Richard Nix (ESTA)

Attendees:

Jesse Adams; Rose Brand Wipers, Inc; P; DR
Mike Brubaker; CM Buck Associates; P; DR
Paul Brunner; Thern, Inc.; P; MP
Bruce Darden; InterAmerica Stage, Inc.; P; CP
Nathan Dye; Texas Scenic Company; P; CP
Sanford P. Gilzow; Shur-Rig LLC; O; DR
Edwin S. Kramer; 1501; O; U
Jim Love; Tait Towers Manufacturing LLC; P; CP
Rick Montgomery; Motion Laboratories, Inc.; A; MP
Jim Niesel; Theatre Projects Consultants, Inc.; A; DE
Steven Serafin; The Hartford Group; P; G
Michael Shaw#; Motion Laboratories, Inc.; P; MP
Peter V. Svitavsky; Wenger Corp.; A; MP
Steve Walker; Steve A. Walker & Associates; P; DE
Paul Zagajeski; Wenger Corp.; A; MP

Visitors:

Robert Peterson; Shur Rig, LLC

1 Opening Remarks

Dan Culhane called the meeting to order at 19:03. He thanked people for the donation of their time.

2 Patent and anti-trust statements

2.1 Reading of the anti-trust statement

The following statement was read aloud to the assembly by Dan Culhane:

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 copies of the easy-to-read pamphlets to show that they were available.

No concerns were raised.

2.2 Reading of the call for patents

The following statement was read aloud to the assembly by Dan Culhane:

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 concerns were revealed.

3 Attendance and Membership

3.1 Requirements for membership

The following statement was read aloud to the assembly by Dan Culhane:

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 reminded people to pay their participation fee, or risk being listed as a former member in the next agenda.

3.2 Introduction of attendees

Karl Ruling showed everyone the green sign-in sheet, asking everyone in the room to be sure and sign it, and to please not put it in their pocket.

3.3 Determination of a quorum

[There are currently 22 votes possible. A quorum is 8; a supermajority is 12]

Dan Culhane asked for a show of hands of voting members in the room and on-line. He counted them, and announced that a quorum was present. [TSM note: a supermajority was present after the applications and status changes

3.4 Processing of new membership and status change requests

As of 02 July 2019, the following applications and status change requests have been received:

*Paul Zagajeski; Wenger Corp.; A; MP (new application, Interest Category changed to CP)
Michael Shaw; Motion Laboratories, Inc.; P; MP (new application, replace Rick Montgomery as Principal)
Steve Serafin; The Hartford Group; P; G
Paul Brunner; Thern, Inc.; P; MP
Nathan Dye; Texas Scenic; P; CP (Request reinstatement to P)*

Bruce Darden made a motion to accept the applications. The motion was seconded and then approved unanimously.

3.5 Changes to observer status

3.5.1 Changes due to attendance

The following voters have missed the last two meetings and are in jeopardy of being moved to Observer status if

this meeting is also missed:

Joseph Champelli; Entertainment Project Services, LLC; P; DE

He was not present, so has been moved to Observer.

3.5.2 Changes due to missed letter ballots

The following voters have missed the last two letter ballots and will be moved to Observer status if the next letter ballot is also missed:

There are none!

3.6 Consensus body

The full consensus voting body as of 20 July 2019, after all changes occurring at this meeting, is as follows. Check the list carefully.

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
Mike Brubaker	CM Buck Associates	P	DR
Jeremy Hodgson	Cirque Du Soleil, Inc.	P	U
Gareth Conner	Creative Conners, Inc.	P	MP
Steve Hnath	Creative Conners, Inc.	A	MP
Michael Wade	Creative Conners, Inc.	A	MP
Nils Becker	Electronic Theatre Controls, Inc.	P	MP
Bruce Darden	InterAmerica Stage, Inc.	P	CP
Drew Becker	InterAmerica Stage, Inc.	A	CP
David Bond	Kinesys	P	MP
Michael Shaw	Motion Laboratories, Inc.	P	MP
Rick Montgomery	Motion Laboratories, Inc.	A	MP
Richard J. Nix	Richard J. Nix	I	G
Jesse Adams	Rosebrand	P	DR
Bruce Downer	Serapid, Inc	P	CP
Joseph Jeremy	Show Distribution Group, Inc.	P	CP
Bill McIntyre	Show Distribution Group, Inc.	A	CP
Steve Walker	Steve A. Walker & Associates	P	DE
Jim Love	Tait Towers Manufacturing LLC	P	CP
Nathan Dye	Texas Scenic Company	P	CP
Michael Nishball	Theatre Projects Consultants, Inc.	P	DE
Jim Niesel	Theatre Projects Consultants, Inc.	A	DE
Jerry Gorrell	Theatre Safety Programs	P	G
Steve Serafin	The Hartford Group	P	G
Paul Brunner	Thern, Inc	P	MP
Zachary Stevenson	University of North Carolina School of the Arts	P	U
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
Andrew Young	Andrew Young	I	U
Total possible votes:			24
Votes by interest category	Custom market producer	CP	5
	Designer	DE	4
	Dealer rental company	DR	2
	General interest	G	3
	Mass-market producer	MP	6
	User	U	4
Voting status key: P = Principal voter, A = Alternate voter, I = Individual voter			

4 Approval of the minutes from the last meeting

[See SMmin03-2019_DRAFT.pdf]

Pete Svitavsky moved to accept the minutes. The motion was seconded, and carried unanimously.

5 Approval of agenda

The agenda must be approved, either as drafted or with modifications, by a vote of the working group.

Jerry Gorrell moved to approve the agenda. The motion was seconded, and carried unanimously.

6 Old Business

6.1 BSR E1.42-201x, *Entertainment Technology—Design, Installation, and Use of Orchestra Pit Lifts*

From the March meeting minutes:

Steve Walker gave a short presentation, with PowerPoint, describing the proposed changes to scope arising out of the ad-hoc group's prior discussions.

Dan Lisowski moved to open the document for revision and expand the scope. The motion was seconded and carried unanimously, by show-of-hands vote. A PINS form will be filed with ANSI.

A PINS form has been filed with ANSI, for BSR E1.42 - 201x. Do the working group co-chairs wish to appoint a formal task group?

Dan Culhane appointed Steve Walker (leader), Jim Niesel (co-leader), Michael Nishball, Pete Svitavsky, and Chris Tilton to the new task group.

6.2 ANSI E1.44 – 2014, **Common Show File Exchange Format for Entertainment Industry Automation Control Systems -- Stage Machinery**

It completed a reaffirmation letter ballot cycle, with a concurrent public review, on 23 April 2019. The reaffirmation was approved by the TSC, and by the Executive Committee.

It's published!

Karl Ruling reported that this most recent edition has been downloaded 13 times since its approval on 23 May 2019, and the superseded version was downloaded 562 times. Its two editions have been downloaded more times than both editions of E1.42 combined.

6.3 BSR E1.64, **Stage Machinery Motion Control**

Task group members are: JT Tomlinson, Joe Jeremy (Chair), Michael Shaw, Jem Hodgson, Wendy Manson,

Gareth Conner, Bruce Darden, Nils Becker, Duane Wilson, David Bond, Nathan Dye, Jim Love, Bill McIntyre, John Ringelman.

Any news or updates from the task group?

Bruce Darden reported that everyone on the task group has had an extremely heavy workload, so no recent progress had been made. Rick Montgomery asked that Michael Shaw replace him on this task group, saying that he had discussed this with Joe already. Dan Culhane made it so.

6.4 Definite-Purpose Stage Machinery (“Other machinery”) ad hoc task group report

[Jesse Adams, Mike Brubaker, Joe Champelli, Dan Brinker, Drew Becker, Paul Zagajeski]

From the March meeting minutes:

Steve Walker moved to appoint an ad hoc committee that will take the initial submission and explore the project further. The motion was seconded, and unanimously approved by show-of-hands.

Joe Jeremy appointed Jesse Adams, Mike Brubaker, Joe Champelli, Dan Brinker, Drew Becker, and Paul Zagajeski to the ad hoc group. Paul Zagajeski will submit a working group application, for approval at the next working group meeting.

Any news or updates from the task group?

Jesse Adams reported, saying that the group has made progress, and intends to issue a doodle poll to both the Stage Machinery and the Rigging working group members, asking a few specific questions about defining practical hoists, in an effort to help categorize groups or types of equipment. See the RWG minutes for add'l details.

He also reported that the task group is attempting to search for any existing standards that might pertain to this any equipment that might fall within this project's purview.

He read the list of equipment from the original project's request form, to illustrate the vast array of equipment that might be included. Identifying other equipment where other standards might apply will help them narrow the project scope. At this time the group intends to make recommendations for smaller scope, individual project requests.

There was more discussion about possible ways to help narrow scope, or easily address things like capstan hoists. There was a strong sentiment that a general standard based on risk assessment is a better way to go than a series of specific standards for things such as snow machines, bubble machines, etc.

7 New business

Bruce Darden asked about the possibility of adding a list of current projects to help visitors to the website, perhaps useful as a marketing tool. The suggestion was taken under advisement.

7.1 NAMM education

Topics for ESTA educational sessions at NAMM are still being solicited. Please submit ideas to ESTA staff

Karl Ruling and Richard Nix explained the intent and process.

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

Any news or updates?

Jerry Gorrell gave an update, saying that they had not been able to meet at USITT due to scheduling conflicts. He clarified that the work product will not be a standard, but will be more like a white-paper.

9 Schedule for future meetings

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

9.1 Fall 2019 meetings (Westlake, TX)

The Fall 2019 meetings will also return to the D/FW Marriott Solana, in Westlake, Texas, 24-27 October. The SMWG is scheduled to meet on 24 October 2019, 19:00 – 23:00.

9.2 January 2020 NAMM meetings (Anaheim, CA)

The Winter 2020 meetings will again be held in conjunction with the Winter NAMM 2020 show, 15-19 January 2020. The meeting schedule has not yet been confirmed.

Task Group leaders desiring a meeting space are encouraged to schedule with Frances Thompson sooner rather than later.

10 Adjournment

The agenda being completed and there being no further business brought forth, Dan Culhane declared the meeting adjourned at 20:07.

Stage Machinery Working Group members as of 13 August 2019

Name	Representing	Status	Int Cat
Jesse Adams	Rose Brand Wipers, Inc	P	DR
Nils Becker	Electronic Theatre Controls, Inc.	P	MP
Drew Becker	InterAmerica Stage, Inc.	A	CP
Justin Bennett	University of the Incarnate Word	O	U
William Bradburn	Aerial Arts, Inc.	O	U
Louis Bradfield	Louis Bradfield	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	DE
Gareth Conner	Creative Conners, Inc.	P	MP
Dan Culhane	Wenger Corp.	P	MP
Bruce Darden	InterAmerica Stage, Inc.	P	CP
Jim Digby	Event Safety Alliance	O	U
Bruce Downer	SERAPID, Inc.	P	CP
Nathan Dye	Texas Scenic Company	P	CP
Sanford P. Gilzow	Shur-Rig LLC	O	DR
Jerry Gorrell	Theatre Safety Programs	P	G
Robert Haycock	UC Berkeley	O	U
Phil Heid	Creative Stage Lighting Co., Inc.	O	DR
Steve Hnath	Creative Conners, Inc.	A	MP
Jeremy Hodgson	Cirque Du Soleil, Inc.	P	U
Joseph Jeremy	Show Distribution Group, Inc.	P	CP
Edwin S. Kramer	1501	O	U
Dan Lisowski	University of Wisconsin - Madison	P	U
Jim Love	Tait Towers Manufacturing LLC	P	CP
Wendy Manson	Cirque Du Soleil, Inc.	O	U
Bill McIntyre	Show Distribution Group, Inc.	A	CP
Rick Montgomery	Motion Laboratories, Inc.	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
Kurt Pragman	Pragman Associates, LLC	O	G
Peter A. Scheu	Amer. Society of Theatre Consultants	P	DE
Steven Serafin	The Hartford Group	P	G

Stage Machinery Working Group members as of 13 August 2019

Name	Representing	Status	Int Cat
Michael Shaw#	Motion Laboratories, Inc.	P	MP
Zachary Stevenson	University of North Carolina School of the Arts	P	U
Peter V. Svitavsky	Wenger Corp.	A	MP
Christopher B. Tilton	About the Stage, LLC	P	DE
James Tomlinson	Team Tomlinson	O	G
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