

Minutes
Stage Machinery Working Group
Thursday, 02 April 2020 13:00-17:00 Central time
via WebEx
Planet Earth at large

Chairpersons:

Joseph Jeremy; Show Distribution Group, Inc.; P; CP (presiding)

Recording secretaries:

Karl Ruling and Richard Nix (ESTA)

Attendees:

Andrew Young; Andrew Young; I; U
Bruce Darden; InterAmerica Stage, Inc.; P; CP
Bruce Downer; SERAPID, Inc.; P; CP
Daniel Brinker; USITT; P; G
Drew Becker; InterAmerica Stage, Inc.; A; CP
Franco Magliozzi; Chubb Group of Insurance Companies; O; G
Jeremy Hodgson; Cirque Du Soleil, Inc.; P; U
Jerry Gorrell; Theatre Safety Programs; P; G
Jesse Adams; Rose Brand Wipers, Inc; P; DR
Jim Love; Tait Towers Manufacturing LLC; P; CP
Jim Niesel; Theatre Projects Consultants, Inc.; A; DE
Joe Golden; Gallagher Staging & Productions; P; DR
Joseph Champelli; Entertainment Project Services, LLC; P; CP
Julian Hoare; Tait Towers Manufacturing LLC; P; CP
Michael Nishball; Theatre Projects Consultants, Inc.; P; DE
Mike Brubaker; CM Buck Associates; P; DR
Nathan Dye; Texas Scenic Company; P; CP
Paul Brunner; Thern, Inc.; P; MP
Paul Zagajeski; Wenger Corp.; A; MP
Peter A. Scheu; Amer. Society of Theatre Consultants; P; DE
Peter V. Svitavsky; Wenger Corp.; A; MP
R. Duane Wilson; Amer. Society of Theatre Consultants; A; DE
Reid Neslage; H & H Specialties Inc.; P; MP
Rick Montgomery; Motion Laboratories, Inc.; A; MP
Steve Walker; Steve A. Walker & Associates; P; DE
Steven Serafin; The Hartford Group; P; G
Zachary Stevenson; University of North Carolina School of the Arts; P; U

1 Opening Remarks

Joe Jeremy called the meeting to order at 13:07, welcoming everyone to the meeting, thanking them for attending, and wishing everyone good health during these times.

2 Patent and anti-trust statements

2.1 Reading of the anti-trust statement

Joe Jeremy read the following statement read 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 in front of his camera, for those with video connections to see. Bruce Darden requested a copy. Karl Ruling emailed him one during the meeting.

2.2 Reading of the call for patents

Joe Jeremy read the following statement read 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 read 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 currently 24 votes possible. A quorum is 8; a supermajority is 13]

Richard Nix took a poll of online voters present, and determined that the requirements for both quorum and supermajority 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; H & H Specialties, Inc; P; MP (new application)
Dan Brinker; USITT; P; G (status change request)
Joe Golden; Gallagher Staging; P; DR (new application)
Julian Hoare; Tait Towers Manufacturing, LLC; P ; CP (new application, replacing Jim Love as P)*

Zach Stevenson moved to accept the applications, 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 the last two meetings and are in jeopardy of being moved to Observer status if this meeting is also missed:

There are none.

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.

3.5.3 Automatic status changes

The following automatic status changes have occurred since the last meeting:

There are none.

3.6 Consensus body

The table below shows the full consensus voting body as of today's meeting date, after all changes occurring as a result of this meeting's actions have been applied. Please 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
Andrew Young	Andrew Young	I	U
Jeremy Hodgson	Cirque Du Soleil, Inc.	P	U
Mike Brubaker	CM Buck Associates	P	DR
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
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
Michael Shaw	Motion Laboratories, Inc.	P	MP
Rick Montgomery	Motion Laboratories, Inc.	A	MP
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

Name	Representing	Status	Int Cat
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
Jerry Gorrell	Theatre Safety Programs	P	G
Paul Brunner	Thern, Inc.	P	MP
Zachary Stevenson	University of North Carolina School of the Arts	P	U
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
Total possible votes:		27	
	Custom market producer (CP)	6	
	Designer (DE)	4	
	Dealer rental company (DR)	4	
	General interest (G)	4	
	Mass-market producer (MP)	6	
	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 SMmin01-2020r1_DRAFTTr1.pdf]

Bruce Darden moved to accept the minutes, the motion was seconded and carried, without objection or abstention

5 Approval of agenda

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

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

6 Old Business

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

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

Any news or updates?

Steve Walker reported no progress, but that he intended to schedule a task group meeting the following week to get started.

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)

Any 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, Jim Love, Bill McIntyre, John Ringelman.

Any news or updates from the task group?

Joe Jeremy reported that the task group meeting had been canceled, but said the meetings would commence within a couple of weeks.

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

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

[See Moving Floor Machines_ProjectRequest.pdf and Curtain Machines_ProjectRequest.pdf]

The ad-hoc task group has sent two documents for the working group’s review and comment. Are these adequate for new project requests?

Pete Svitavski moved to waive the 2-week rule so that the documents could be considered for action today. The motion was seconded, and carried without objection or abstentions

Joe Jeremy put the curtain machine document onto the table, and opened the floor for discussion. Jesse Adams gave a summary of the scope, and then read it to the group. He further explained the types of equipment it did not cover, such as video walls, etc. Michael Nishball asked if the scope was limited to machines coupled to track systems. Jesse replied no, it is intended to cover all fabric curtain machines, from Venetian to Austrian, and similar styles.

Joe Jeremy asked if this standard would address DMX-controlled machines.

Pete Svitavsky explained that control demarcation is one of the issues in determining if a machine might be covered in this scope or covered within the scope of other existing standards. He gave a few examples of how machines might be appropriately controlled with DMX, and therefore covered here, or if a DMX control system was being inappropriately applied.

Joe Jeremy said he thought it was important to address DMX controlled machines.

Michael Nishball said he was particularly interested in this document covering banner machines. Jesse Adams shared the notes from prior ad hoc meetings to give a better idea of the evolution of the equipment to be included in the scope. These notes included initial concepts and ideas that were proposed, and the pathway to how all of those initial thoughts were condensed into the scope currently presented in the project request form.

Jim Neisel cautioned against issues like what the original E1.6 standard experienced in trying to be too prescriptive in its requirements. Pete Svitavsky confirmed that this had already been part of the discussions, and that they were mindful of this.

At the end of this discussion, Joe Jeremy placed the second document onto the table, and opened the floor for discussion. Jesse Adams then went over the scope development process for this document, as he had done for the Drapery Machine document.

Joe Jeremy said that he thought both documents had been well-thought, and thorough. He asked if the moving floors document would address scenic elements containing integral machinery. Jesse said that it is intended to cover those applications.

There was more discussion about potential overlap between this another existing standards. Jesse displayed a list of existing standards that had already been identified for coordination. Richard Nix modified the stage floor machinery project form's possible standards overlap field, with the help and comments from the working group.

Pete Svitavsky moved to accept both new project forms as new projects. The motion was seconded and carried unanimously, without objection or abstention.

They will be forwarded the TSC for consideration. If approved a PINS will be filed.

[TSM note: The TSC approved them and PINS forms will be filed.]

Joe Jeremy appointed the following people to the new task groups:

Curtain Machines Task Group:

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

Floor Machines Task Group

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

Richard Nix was asked to set up email reflectors for both groups, and to send the standard document templates to Steve, Drew and Jesse. He mentioned the new Jitsi meeting application that ESTA is currently testing.

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

Any news or updates?

Jerry Gorrell reported that a meeting had been planned at USITT but it was canceled.

9 Schedule for future meetings

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

9.1 Summer 2020 meetings (NATEAC, NYC)

The Summer 2020 meetings will be held in conjunction with the NATEAC event in New York City, 19-20 July 2020. The complete schedule has not yet been confirmed.

The event producer is expected to announce status within a week. Even if no face-to-face meetings are held, the WebEx meetings will still be scheduled.

[TSM note: the event has been postponed until July 2021 Additional information can be found here: <https://www.nateac.org/>]

9.2 Fall 2020 meetings (Westlake, TX)

The Fall 2020 meetings will return to Westlake, TX, 01-04 October 2020. The full schedule has not yet been confirmed.

10 Adjournment

The agenda being completed, and there being no further business brought forward, Joe Jeremy declared the meeting adjourned at 14:36, again thanking everyone for their participation, and wishing good health to everyone.

Stage Machinery Working Group members as of 08 April 2020

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
David Bond	Tait Towers Manufacturing LLC	A	CP
William Bradburn	Aerial Arts, Inc.	O	U
Daniel Brinker	USITT	P	G
Mike Brubaker	CM Buck Associates	P	DR
Paul Brunner	Thern, Inc.	P	MP
Joseph Champelli	Entertainment Project Services, LLC	P	CP
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
Joshua "Fritz" Friedensohn	Entertainment Project Services, LLC	A	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	UC Berkeley	O	U
Phil Heid	Creative Stage Lighting Co., Inc.	O	DR
Steve Hnath	Creative Conners, Inc.	A	MP
Julian Hoare	Tait Towers Manufacturing LLC	P	CP
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	O	U

Stage Machinery Working Group members as of 08 April 2020

Jim Love	Tait Towers Manufacturing LLC	P	CP
Franco Magliozzi	Chubb Group of Insurance Companies	O	G
Wendy Manson	Cirque Du Soleil, Inc.	O	U
Bill McIntyre	Show Distribution Group, Inc.	A	CP
Rick Montgomery	Motion Laboratories, Inc.	A	MP
Reid Neslage	H & H Specialties Inc.	P	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
Eric Rouse	Entertainment Project Services, LLC	A	CP
Peter A. Scheu	Amer. Society of Theatre Consultants	P	DE
Steven Serafin	The Hartford Group	P	G
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
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