

Minutes
ESTA Stage Machinery Working Group
Thursday, 15 March 2018
Hilton Ft. Lauderdale Marina
Fort Lauderdale, FL 33316

Presiding co-chairs:

Dan Culhane; J.R. Clancy, Inc.; Wenger Corp.; P; DR
Richard J. Nix; P; DE

Recording secretary: Erin Grabe; ESTA

Members in attendance:

Daniel Brinker; Michigan Opera Theatre; USITT; P; G
Joseph Champelli; Entertainment Project Services, LLC; P; DE
Gareth Conner; Creative Conners, Inc.; P; MP
Bruce Darden; InterAmerica Stage, Inc.; P; CP
Bruce Downer; SERAPID, Inc.; P; CP
Sarah Gascoine; PSAV Presentation Services; P; DR
Jerry Gorrell; Theatre Safety Programs; P; G
Robert Haycock; Cal Performances; UC Berkeley; O; U
Steve Hnath; Creative Conners, Inc.; A; MP
Joseph Jeremy; Niscon Inc.; Show Distribution Group, Inc.; P; CP
Rick Montgomery; Motion Laboratories, Inc.; P; MP
Jim Niesel; Theatre Projects Consultants, Inc.; A; DE
Michael Nishball; Theatre Projects Consultants, Inc.; P; DE
Peter A. Scheu; Scheu Consulting Services, Inc.; Amer. Society of Theatre Consultants; P; DE
Steven Serafin; Chubb Group of Insurance Companies; P; G
Zachary Stevenson; University of North Carolina School of the Arts; P; U
Christopher B. Tilton; About the Stage, LLC; P; DE
James Tomlinson; Team Tomlinson; P; G
Steve Walker; Steve A. Walker & Associates; P; DE
R. Duane Wilson; George C. Izenour Associates; Amer. Society of Theatre Consultants; A; DE

Visitors:

Jeremy Hodgson; Cirque du Soleil
Verda Beth Martell; DLR Group | Westlake, Reed, Leskosky

1 Opening remarks

Dan Culhane called the meeting to order at 1:06 p.m. He thanked everyone for taking the time to attend.

2 Attendance & membership

2.1 Introduction of those present & roll call of attendees

Dan Culhane passed around an orange sign-in sheet and self-introductions took place around the room.

2.2 Determination of a quorum

Dan Culhane announced a supermajority present.

2.3 Recognition of alternate voting members

3 Membership

3.1 Requirements for membership

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

Membership is open to all who are affected by the work of the group. Voting members are required to attend meetings and to vote on letter ballots. Voting members and their alternates may not miss three consecutive meetings without a loss of voting status.

3.2 Changes to observer status due to lack of attendance

Due to a lack of attendance, the following voter will be moved to Observer

Kurt Pragman; Pragman Associates, LLC; P; G

3.3 Processing of new applications

As of 15 March 2018, the following new applications and changes in status were received:

Bruce Darden; InterAmerica Stage, Inc.; P; CP
Sarah Gascoine; PSAV Presentation Services; P; DR
Robert Haycock; Cal Performances; UC Berkeley; O; U
Wendy Manson; Cirque du Soleil; O; U
Gareth Conner; Creative Conners, Inc.; P; MP
Mike Wade; Creative Conners, Inc.; A; MP
Steve Hnath; Creative Conners, Inc; A; MP
Michael Lichter; ETC; P; MP
Joe Champelli; Entertainment Project Services; P; DE
Rick Montgomery; Motion Labs; P; MP
James Tomlinson; O to P (change in status)

Steve Walker moved to approve the applications and changes in status, with those not present being accepted as Observers. The motion was seconded and approved by a show of hands and voice votes.

3.4 Consensus body

The full consensus body of this working group at the time of this meeting, including those not present, was:

Name	Representing	Voting 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
Steven Serafin	Chubb Group of Insurance Companies	P	G
Gareth Conner	Creative Conners, Inc.	P	MP
Steve Hnath	Creative Conners, Inc.	A	MP
Michael Wade	Creative Conners, Inc.	A	MP
Phil Heid	Creative Stage Lighting Co., Inc.	P	DR
Joseph Champelli	Entertainment Project Services, LLC	P	DE
Bruce Darden	InterAmerica Stage, Inc.	P	CP
Rick Montgomery	Motion Laboratories, Inc.	P	MP
Sarah Gascoine	PSAV Presentation Services	P	DR
Richard J. Nix	Richard J. Nix	P	DE
Bruce Downer	SERAPID, Inc.	P	CP
Joseph Jeremy	Show Distribution Group, Inc.	P	CP
Sanford P. Gilzow	Shur-Rig LLC	P	DR

Name	Representing	Voting status	Int cat
Steve Walker	Steve A. Walker & Associates	P	DE
James Tomlinson	Team Tomlinson	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
Zachary Stevenson	University of North Carolina School of the Arts	P	U
Daniel Brinker	USITT	P	G
Dan Culhane	Wenger Corp.	P	DR
Voting Status Key: P = Principal voter, A = Alternate voter, I = Individual voter			
Votes by Interest Category:			
Custom-market producer		CP	3
Dealer or Rental Company		DE	6
Designer		DR	4
General interest		G	4
Mass-market producer		MP	2
User		U	1
Total votes possible:			20

4 Approval of the minutes of the previous meeting

See *SLmin11-2017.pdf*.

Joe Jeremy moved to approve the minutes of the previous meeting. The motion was seconded and approved by a show of hands with two abstentions.

5 Reading of the call for patents

The following 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 or copyright or other 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.

6 Reading of the anti-trust statement

The following 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 a ESTA meeting, please bring your concern to ESTA management. An easy to read pamphlet describing the antitrust laws is available from the ESTA staff.

Erin Grabe held up a copy of the pamphlet. No anti-trust issues were raised.

7 Approval of agenda

Erin Grabe added ESTA Leadership to Other Business. Zach Stevenson moved to approve the modified agenda. The motion was seconded and approved by a show of hands.

8 Old business—E1.42 public review report

E1.42 is in public review through April 9. Any comments received by the time of the meeting will be reported.

Erin Grabe reported that no comments had yet been received.

9 New Business

9.1 A stage machinery control project

See ESTA TSP Application - Stage Machinery Control WG.pdf

Joe Jeremy moved to approve the project request. The motion was seconded.

Joe Jeremy then explained the driving force for submitting the project request, which is a controls standard that could be referenced by everyone.

There was discussion on what this means for the group. If approved, a name change is in order from Stage Lifts to Stage Machinery. Joe Jeremy explained how the working group would break up into smaller groups, task groups, that would specialize in various aspects: lifts, turntables, wagons, etc.

There was discussions about how this would affect the other working groups. It was mentioned that the RWG hoist controls task group liked what was in E1.42, and Jerry Gorrell said it would have no bearing on the Floors WG.

There was discussion on how a decision tree might be valuable for this project. A basic structure, and then a branch out for different types of equipment.

The question was called and the motion unanimously approved by a show of hands.

Joe Jeremy will head the Stage Machinery Motion Controls task group. JT Tomlinson, Joe Jeremy, Rick Montgomery, Jem Hodgseon, Wendy, Gareth, Bruce

David Bond from Kinesys, Michael Lichter, Scott Fisher, and someone from Tait are sought.

9.2 Other new business

Dan Culhane noted that the name of the WG doesn't fit with the addition of the stage machinery controls project. There was some discussion. Bruce Darden moved to change the name to the Stage Machinery WG. The motion was seconded and approved by a unanimous show of hands.

10 Other business and announcements

10.1 Education

10.1.1 INNOVA

USITT and ESTA have partnered up to bring you INNOVA, an online learning platform for the entertainment technology industry. Check it out at <http://innova.usitt.org>. Content and content providers are being sought. If you are interested, email standards@esta.org to be put in touch with someone.

10.1.2 NAMM

ESTA is partnering with NAMM to provide a curated selection of classes at the NAMM show. Proposals?

10.2 Awards

10.2.1 Above & Beyond Awards

The nomination site is open year round at http://tsp.esta.org/tsp/news/award_nomination.html. Nominate your peers!

10.2.2 ESTA Lifetime Technical Achievement Award

ESTA Lifetime Technical Achievement Award was given to Scott Fisher on March 14 at the New World Rigging Symposium.

11 Schedule for future meetings

Visit <http://tsp.esta.org/tsp/meetings/index.php> for the most current schedule.

11.1 July meetings

Richard Nix said that the next working group meeting is scheduled for 9:00 a.m. to 11:00 a.m. on Friday 20 July, 7:00 p.m. to 11:00 p.m. on Saturday 21 July at the Marriott Solana in Westlake, Texas.

11.2 October meetings

Richard Nix said that the subsequent set of meetings will be held in October, also at the Marriott Solana in Westlake, Texas. Meeting times are yet to be determined.

12 Adjournment

Coming to the end of the agenda and hearing no objections, Richard Nix declared the meeting adjourned at 2:25 p.m. ET.

Membership as of 23 March 2018

Name	Company	Representing	Voting status	Int cat
William Bradburn	Aerial Arts, Inc.	Aerial Arts, Inc.	O	U
Louis Bradfield	Louis Bradfield	Louis Bradfield	O	U
Daniel Brinker	Michigan Opera Theatre	USITT	P	G
Joseph Champelli	Entertainment Project Services, LLC	Entertainment Project Services, LLC	P	DE
Gareth Conner	Creative Conners, Inc.	Creative Conners, Inc.	P	MP
Dan Culhane	J.R. Clancy, Inc.	Wenger Corp.	P	DR
Bruce Darden	InterAmerica Stage, Inc.	InterAmerica Stage, Inc.	P	CP
Jim Digby	Event Safety Alliance	Event Safety Alliance	O	U
Bruce Downer	SERAPID, Inc.	SERAPID, Inc.	P	CP
Sarah Gascoine	PSAV Presentation Services	PSAV Presentation Services	P	DR
Sanford P. Gilzow	Shur-Rig LLC	Shur-Rig LLC	P	DR
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	P	G
Robert Haycock	Cal Performances	UC Berkeley	O	U
Phil Heid	Creative Stage Lighting Co., Inc.	Creative Stage Lighting Co., Inc.	P	DR
Steve Hnath	Creative Conners, Inc.	Creative Conners, Inc.	A	MP
Joseph Jeremy	Niscon Inc.	Show Distribution Group, Inc.	P	CP
Edwin S. Kramer	1501	1501	O	U
Wendy Manson	Cirque Du Soleil, Inc.	Cirque Du Soleil, Inc.	O	U
Rick Montgomery	Motion Laboratories, Inc.	Motion Laboratories, Inc.	P	MP
Jim Niesel	Theatre Projects Consultants, Inc.	Theatre Projects Consultants, Inc.	A	DE
Michael Nishball	Theatre Projects Consultants, Inc.	Theatre Projects Consultants, Inc.	P	DE
Richard J. Nix	Richard J. Nix	Richard J. Nix	P	DE
Kurt Pragman	Pragman Associates, LLC	Pragman Associates, LLC	O	G
Peter A. Scheu	Scheu Consulting Services, Inc.	Amer. Society of Theatre Consultants	P	DE
Steven Serafin	Chubb Group of Insurance Companies	Chubb Group of Insurance Companies	P	G

Name	Company	Representing	Voting status	Int cat
Zachary Stevenson	University of North Carolina School of the Arts	University of North Carolina School of the Arts	P	U
Kevin Taylor	Tait Towers	Tait Towers Manufacturing LLC	O	CP
Christopher B. Tilton	About the Stage, LLC	About the Stage, LLC	P	DE
James Tomlinson	Team Tomlinson	Team Tomlinson	P	G
Michael Wade	Creative Conners, Inc.	Creative Conners, Inc.	A	MP
Steve Walker	Steve A. Walker & Associates	Steve A. Walker & Associates	P	DE
R. Duane Wilson	George C. Izenour Associates	Amer. Society of Theatre Consultants	A	DE
Jeong Sik Yoo	Ghost LX	Ghost LX	O	DE

Voting Status Key: P = Principal voter, A = Alternate voter, I = Individual voter, O = Observer member, exf = Ex Officio member (staff)

Interest Category Key: CP = Custom-market producer, DE = Designer, DR = Dealer or rental company, G = General interest, MP = Mass-market producer, U = User