

Minutes
Stage Machinery Working Group
Thursday, 20 January 2022 15:00 – 17:00 EDT

Chairperson(s):

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

Recording secretaries:

Karl Ruling and Richard Nix (ESTA)

Attendees:

Jesse Adams; Rose Brand Wipers, Inc; P; DR
Troy Atkinson; Production Resource Group; P; CP
Paul Brunner; Thern, Inc.; P; MP
Ben Clark; Ben Clark; I; U
Robert Dean; ZFX, Inc.; P; CP
Bruce Downer; SERAPID, Inc.; P; CP
Nathan Dye; Texas Scenic Company; P; CP
Jerry Gorrell; Theatre Safety Programs; P; G
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
Cole Muth; Electronic Theatre Controls, Inc.; O; MP
Richard J. Nix; Richard J. Nix; I; G
Peter A. Scheu; Amer. Society of Theatre Consultants; P; DE
Steven Serafin; The Hartford Group; P; G
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
Paul Zagajeski; Wenger Corp.; A; MP

1 Opening Remarks

Dan Culhane called the meeting to order at 15:03. He welcomed everyone, and thanked everyone for their attendance, and for all of their hard work towards helping to keep our standards program working. He then asked everyone to introduce themselves.

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 pamphlet in front of his camera, for all video-enabled attendees 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.

3.2 Introduction of attendees

3.3 Determination of a quorum

There are 27 possible votes. A quorum is 10, a supermajority is 14.

Richard Nix confirmed that both a quorum and a supermajority of voters were present.

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:

Cole Muth asked for his status to be changed from Observer to Principal voter, representing Electronic Theatre Controls, Inc.

Joe Jeremy moved to approve the status change. 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.

*Christopher B. Tilton; About the Stage, LLC
Andrew Young; Andrew Young
Dan Brinker; U.S.I.T.T.*

Chris Tilton was present. Neither Andrew Young nor Dan Brinker were present, so their status was changed accordingly.

3.5.2 Changes due to missed letter ballots

There are none.

3.5.3 Automatic status changes

There are none.

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
Joe Golden	Gallagher Staging	P	DR
Cole Muth	Electronic Theatre Controls, Inc.	P	MP
Reid Neslage	H & H Specialties, Inc.	P	MP
Bruce Darden	InterAmerica Stage, Inc.	P	CP
Drew Becker	InterAmerica Stage, Inc.	A	CP
Jeremy Hodgson	Jeremy Hodgson	I	G
Michael Shaw	Motion Laboratories, Inc.	P	MP
Rick Montgomery	Motion Laboratories, Inc.	A	MP
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
Steven Serafin	The Hartford Group	P	G
Michael Nishball	Theatre Projects Consultants, Inc.	P	DE

Name	Representing	Status	Int Cat
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
Robert Dean	ZFX, Inc.	P	CP
Total possible votes:		26	
	Custom market producer (CP)		7
	Designer (DE)		4
	Dealer rental company (DR)		4
	General interest (G)		4
	Mass-market producer (MP)		6
	User (U)		1
Voting status key: P = Principal voter, A = Alternate voter, I = Individual voter			

4 Approval of the minutes from the last meeting

[See *SMmin09-2021_DRAFT.pdf*]

Steve Walker moved to approve the minutes. The motion was seconded, and carried no objection, and one abstention.

5 Approval of agenda

Jesse Adams 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), Michael Nishball, Pete Svitavsky, and Chris Tilton

Any news or updates?

Steve Walker reported that their meeting schedule had fallen apart, but he thinks the existing standard is OK, and the Annex is the only place to make 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), Michael Shaw, Jem Hodgson, Wendy Manson, Gareth Conner, Bruce Darden, Nils Becker, Duane Wilson, David Bond, Nathan Dye, Julian Hoare, Bill McIntyre, John Ringelman.

From September's meeting minutes:

Dan Culhane reported that he had received an an apologetic note from Joe Jeremy, which said he had not been able to move forward, but expected to do so in time for a report at January's meeting.

Any news or updates?

Joe Jeremy said he has finally cleared up other projects – BSR E1.6-4 and -5 were both put before the RWG for action. He can now dedicate more time to this draft. He expects to start regular task group meetings next month.

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.

Any news or updates?

Jesse Adams reported that they are still making progress, and continue to meet regularly. Their progress slowed down slightly due to the holidays, but otherwise steady.

He said that Dan Brinker had removed himself from the task group due to scheduling conflicts, so there is an opening if anyone is interested. Joe Jeremy asked if Cole Muth would be interested. Cole said he would consider it.

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_2022-10001r0.pdf]*

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

Steve Serafin reported that they are looking for feedback from the working group today, to determine how to move forward. In the absence of comment, Steve Serafin moved to approve the draft's first public review. The motion was seconded. There was discussion.

Ben Clark asked about the scope, saying he thought it was vague. Richard Nix said that he thought the scope was intentionally vague so the user can decide if the requirements might apply in their specific situation. If requirements are relevant, then they apply. If the requirements are not relevant, then they wouldn't apply.

Ben Clark also expressed a concern that the requirement for a limit switch to conform to SIL3 requirements might be construed as onerous. There was more discussion about SIL 2, SIL 3, and double limit switches.

After discussion, Steve Serafin withdrew the motion, with the understanding that the working group at-large committing to a draft review, sending all feedback to him within 3 weeks. Dan Culhane asked everyone to read the draft, and to send comments to Steve. The working group committed to doing so.

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 next working group meeting is in-person (with WebEx facilities as usual), scheduled for Thursday 03 March 2022, 14:00-17:00, at the Hilton Baltimore Inner Harbor, Baltimore MD, in conjunction with the USITT Conference.

Richard Nix said that the venue has changed to the Hyatt Regency Inner Harbor.

The Summer 2022 meetings will be held in conjunction with the NAMMShow 2022; in-person, 03-05 June 2022, Anaheim, CA.

10 Adjournment

The agenda business being completed, and there being no further business brought forth, Dan Culhane declared the meeting adjourned at 15:51.

Stage Machinery Working Group members as of 20 January 2021

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	UC Berkeley	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.	A	MP
Cole Muth	Electronic Theatre Controls, Inc.	O	MP
Reid Neslage	H & H Specialties Inc.	P	MP

Stage Machinery Working Group members as of 20 January 2021

Name	Representing	Status	Int cat
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	O	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	O	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