

Minutes
Stage Lifts Working Group
Friday, 26 February 2016
WebEx

Presiding Chair: Dan Culhane; SECOA; P; DR

Recording secretaries: Erin Grabe and Karl G. Ruling; ESTA

Members in attendance:

Daniel Brinker; Michigan Opera Theatre; USITT; P; G
Sanford P. Gilzow; Shur-Rig LLC; Shur-Rig LLC; P; DR
Jerry Gorrell; Theatre Safety Programs; P; G
Phil Heid; Creative Stage Lighting Co., Inc.; P; DR
Joseph Jeremy; Niscon Inc.; Show Distribution Group, Inc.; P; CP
Richard J. Nix; ZFX Flying, Inc.; P; DE
Jeff Phillips; Society of Theatre Consultants UK; P; DE
Peter A. Scheu; Scheu Consulting Services, Inc.; Amer. Society of Theatre Consultants; P; DE
Zachary Stevenson; University of North Carolina School of the Arts; P; U
Christopher Tilton; Westlake Reed Leskosky; P; DE
James Tomlinson; Team Tomlinson; I; G
Steve Walker; Steve A. Walker & Associates; P; DE
R. Duane Wilson; George C. Izenour Associates; Amer. Society of Theatre Consultants; A; DE

1 Opening remarks

Dan Culhane called the meeting to order at 11:07 EST. He thanked everyone for taking time out of their schedules, acknowledging that everyone has a busy schedule. He said that the effort to move this document along is greatly appreciated.

2 Attendance & membership

2.1 Introduction of those present & roll call of remote-attendees

Erin Grabe read through the attendance list as appeared on WebEx.

2.2 Determination of a quorum

Erin Grabe noted that a supermajority of voters were present online at the beginning of the meeting.

2.3 Recognition of alternate voting members

No alternate voters were present and voting in lieu of their Principals.

3 Membership

3.1 Requirements for membership

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

Membership is open to all who are affected by the work of the group. There is an annual \$100 participation fee for all members. Voting members are required to attend meetings and to vote on letter ballots. Any principal or voting alternate who both miss three consecutive meetings or letter ballots will have their membership status changed to observer.

3.2 Changes to observer status due to lack of attendance and requests for change of status

The following voter has missed the previous three meetings and was be moved to Observer status. Voting status may be requested at the next meeting attended:

Jeff T. Miller; Walt Disney Company; P; U

3.3 Processing of new applications and requests for status change

As of 26 February 2016, there were no applications or requests received, said Erin Grabe.

3.4 Consensus body

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

Name	Representing	Voting status	Interest category
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
Phil Heid	Creative Stage Lighting Co., Inc.	P	DR
Dan Culhane	SECOA	P	DR
Bruce Downer	SERAPID, Inc.	P	CP
Joseph Jeremy	Show Distribution Group, Inc.	P	CP
Sanford P. Gilzow	Shur-Rig LLC	P	DR
Jeff Phillips	Society of Theatre Consultants UK	P	DE
Steve Walker	Steve A. Walker & Associates	P	DE
James Tomlinson	Team Tomlinson	I	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
Christopher Tilton	Westlake Reed Leskosky	P	DE
Richard J. Nix	ZFX Flying, Inc.	P	DE
Voting Status Key: P = Principal voter, A = Alternate voter, I = Individual voter			
Votes by Interest Category:			
Custom-market producer		CP	2
Designer		DE	6
Dealer or rental company		DR	3
General interest		G	4
Mass-market producer		MP	0
User		U	1
Total votes possible:			16

4 Approval of the minutes of the previous meeting

See *SLmin01-2016.pdf*.

Dan Brinker moved to approve the minutes as drafted. The motion was seconded and approved by unanimous voice vote with no opposition or abstentions.

5 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 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 reported.

6 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 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.

Erin Grabe and Karl Ruling held up copies of the pamphlets to their webcams. Nothing was reported.

7 Approval of agenda

Peter Scheu moved to approve the agenda as drafted. The motion was seconded and approved by unanimous voice votes with no opposition or abstentions.

8 Old business

8.1 Third public review of BSR E1.42

See E1-42_ThrdRevwDraftCmmntResols_r3.pdf and BSR_E1-42_2013-10010r40.pdf.

At the 29 January 2016 SLWG meeting, a set of resolutions to comments received during the third public review of E1.42 was approved by a supermajority of the working group. In resolving comments, the working group created r40 of the draft standard. Both the revised draft standard and the approved resolutions were distributed to you on 9 February 2016. Are any further changes to the draft standard required at this time?

Steve Walker distributed comments to the working group, said Dan Culhane. In addition to Steve Walker's comments, Dan Culhane said that he had a few other minor comments that he'll bring up where appropriate. Dan asked others on the line with comments to please bring them up during the discussion, as appropriate.

James Tomlinson asked about removing "or 3000 lbs" from 4.1.3. There was discussion of where the values were taken and the appropriateness of stating a minimum. A vote was taken by voice vote and the consensus was to leave the minimum values in the clause.

The group added an annex note to clause 5.6.2, consisting of the deleted text of 5.6.3.1 from r35 of the draft.

There was discussion regarding the normal and ultimate limit switches, and whether they should be defined. Arguments were made for the applicability of the terms to traditional and PES systems. Dan Culhane asked that

the Joe Jeremy, James Tomlinson, and Chris Tilton rewrite section 5.6, potentially re-titling it from *Limit switches* to *Travel limits*, and taking Steve Walker's comment 9 into consideration.

Clause 6.3.4, Edge protection devices, was revised to the consensus of the group, more clearly defining the requirements of the clause.

Dan Culhane pointed out an inconsistency between the approved resolution to comment 60 on r3 of the comment resolutions from the last meeting and clause 6.2.4 in the revised draft, which did not accurately reflect the accepted change. The resolution was amended to accurately reflect the intent, see *E1-42_ThrdRevwDraftCmmntResols_r4.pdf*.

There was redundancy in the dynamic testing and inspection. The sections were moved and renumbered.

Jerry Gorrell moved to approve the revised comment resols as amended here at the meeting. The motion was seconded and approved by voice votes with no opposition and one abstention.

Due to a lack of time, Dan Culhane proposed that the remainder of the agenda be gone through. Work will be done between meetings and text will be offered in advance to consider in March.

9 New Business

10 Other business and announcements

10.1 Above & Beyond Awards

Dan Culhane reminded the group that the nomination site is open year-round at http://tsp.esta.org/tsp/news/award_nomination.html.

11 Schedule for future meetings

11.1 USITT 2016

Dan Culhane reminded the group that the next meeting is scheduled for Wednesday, 16 March 2016 from 9am-1pm at the Salt Lake City Downtown Marriott in conjunction with USITT 2016 taking place 16-19 March.

11.2 July 2016 meetings in conjunction with NATEAC

Dan Culhane reminded the group that the July 2016 meetings will be held in conjunction with NATEAC in New York City. Karl Ruling added that the SLWG meeting date is on the website as 16 July 2016, from 9am-1pm. Dan Culhane reminded the group that information on the conference is available at <http://www.nateac.org/>.

12 Adjournment

Zak Stevenson moved to adjourn the meeting. Hearing no opposition or abstentions, Dan Culhane declared the meeting adjourned at 1:09 pm EST.

Stage Lifts Working Group membership as of 26 February 2016

Name	Company	Representing	Voting status	Int cat
David Alexander	Teletec de Mexico	Teletec de Mexico	O	CP
Myles Ambrose	Lincoln Center	Lincoln Center	O	U
Kevin Auses	J.R. Clancy, Inc.	Wenger Corp.	O	G
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
Dan Culhane	SECOA	SECOA	P	DR
Neil Darracott	Delstar Engineering Limited	Stage Technologies Group	O	CP
Jim Digby	The Collaborative Endeavor Group	Linkin Park Touring/The Collective	O	U
Bruce Downer	SERAPID, Inc.	SERAPID, Inc.	P	CP
Fred Gallo	Production Resource Group	Production Resource Group	O	CP
Sanford P. Gilzow	Shur-Rig LLC	Shur-Rig LLC	P	DR
John Gitzy	InterAmerica Stage, Inc.	InterAmerica Stage, Inc.	O	CP
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	P	G
Erin Grabe	ESTA	ESTA	exf	G
Joshua Grossman	Schuler Shook	Schuler Shook	O	DE
Phil Heid	Creative Stage Lighting Co., Inc.	Creative Stage Lighting Co., Inc.	P	DR
Joseph Jeremy	Niscon Inc.	Show Distribution Group, Inc.	P	CP
Vladeta Karic	Vladeta Karic	Vladeta Karic	O	DE
Edwin S. Kramer	1501	1501	O	U
Jeff T. Miller	Worldwide Standards and Auditing	Walt Disney Company	O	U
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	ZFX Flying, Inc.	ZFX Flying, Inc.	P	DE
Jeff Phillips	Society of Theatre Consultants UK	Society of Theatre Consultants UK	P	DE
Kurt Pragman	Pragman Associates, LLC	Pragman Associates, LLC	O	G
Karl G. Ruling	ESTA	ESTA	exf	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
Chris Shaw	Gala Systems	Gala Systems	O	CP
Adam Smith	Madison Fire Department	City of Madison	O	G
Zachary Stevenson	University of North Carolina School of the Arts	University of North Carolina School of the Arts	P	U
Karl V. Sutter-III	Kimley-Horn and Associates, Inc.	Kimley-Horn and Associates, Inc.	O	DE
Kevin Taylor	Tait Towers	Tait Towers Manufacturing LLC	O	CP
Christopher Tilton	Westlake Reed Leskosky	Westlake Reed Leskosky	P	DE
James Tomlinson	Team Tomlinson	Team Tomlinson	I	G
Steve Walker	Steve A. Walker & Associates	Steve A. Walker & Associates	P	DE

Stage Lifts Working Group membership as of 26 February 2016

Name	Company	Representing	Voting status	Int cat
R. Duane Wilson	George C. Izenour Associates	Amer. Society of Theatre Consultants	A	DE
Jason Winfield	School of Theatre	Pennsylvania State University	O	U

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