

**Minutes**  
**Stage Lifts Working Group**  
Thursday, 17 December 2015  
WebEx

**Presiding co-chairpersons:**

Dan Culhane; SECOA; P; DR  
Richard J. Nix; Entertainment Structures Group; Steven Schaefer Associates; P; DE

**Recording secretaries:**

Karl G. Ruling; ESTA  
Erin Grabe; ESTA

**Members in attendance:**

Daniel Brinker; Michigan Opera Theatre; USITT; P; G  
Bruce Downer; SERAPID, Inc.; SERAPID, Inc.; P; CP  
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  
Jeff Phillips; Society of Theatre Consultants UK; Society of Theatre Consultants UK; 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  
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**

Richard Nix called the meeting to order at 11:05 a.m. EST. He thanked everyone for taking the time to be in attendance.

**2 Attendance & membership**

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

Erin Grabe read down the list of attendees present.

**2.2 Determination of a quorum**

Richard Nix announced that there was a supermajority present.

**2.3 Recognition of alternate voting members**

Duane Wilson and Peter Scheu were recognized as Alternate and Principal representing ASTC.

**3 Membership**

**3.1 Requirements for membership**

The following statement was read aloud to the assembly by Richard Nix:

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 and requests for change of status

Richard Nix announced that the following voter has missed the last three meetings and was moved to observer status:

Verda Beth Martell; University of Illinois at Urbana-Champaign; P; U

### 3.3 Processing of new applications

Richard Nix noted that as of 16 December 2015, no applications had been received or logged.

### 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	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
Jeff Phillips	Society of Theatre Consultants UK	P	DE
Steve Walker	Steve A. Walker & Associates	P	DE
Richard J. Nix	Steven Schaefer Associates	P	DE
James Tomlinson	Team Tomlinson	I	G
Michael Nishball	Theatre Projects Consultants, Inc.	P	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
Jeff T. Miller	Walt Disney Company	P	U
Christopher Tilton	Westlake Reed Leskosky	P	DE
<b>Voting Status Key: P = Principal voter, A = Alternate voter, I = Individual voter</b>			
<b>Votes by Interest Category:</b>			
Custom-market producer		CP	2
Designer		DE	6
Dealer or rental company		DR	2
General interest		G	4
Mass-market producer		MP	0
User		U	2
<b>Total votes possible:</b>			<b>16</b>

#### **4 Approval of the minutes of the previous meeting**

See *SLmin10-2015.pdf*.

Peter Scheu moved to approve the October minutes as drafted. Steve Serafin seconded the motion, which passed with one abstention and no opposition.

#### **5 Reading of the NEW call for patents**

The following statement was read aloud to the assembly by Richard Nix:

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.

Richard Nix noted that no one wished to make any such statement;

#### **6 Reading of the anti-trust statement**

The following statement was read aloud to the assembly by Richard Nix:

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.

Nothing was reported. An electronic copy of the pamphlet is available, said Erin Grabe.

#### **7 Approval of agenda**

Chris Tilton moved to approve the agenda as drafted. Dan Brinker seconded the motion and the motion carried with no opposition or abstentions:

#### **8 Old business**

##### **8.1 Third public review of BSR E1.42**

Richard Nix noted that R37 was distributed to the group on 1 December 2015, along with r35 and the draft 3<sup>rd</sup> review comment resolutions. Draft comment resolutions need to be reviewed and resolutions yet drafted need to be done or assigned.

Richard Nix extended kudos to the ESTA staff for cleaning up the document. The working group then discussed and resolved comments with regard to the following clauses:

##### **6.1.1 Fault**

"Safety device activation shall cause a fault, initiate a stop, and remove power to the actuators. The type of stop and allowable successive action shall be appropriate for the safety device or function activated,

as determined by a risk assessment."

### **6.3.5 No reversal**

"Activation of an edge protection device shall not cause the orchestra pit lift to automatically reverse direction. Operation shall only be possible in the direction opposite the edge protection device strike."

Resolutions to comments 12-24 were discussed and drafted to the consensus of those present.

Resolutions yet to be drafted were divided up and assigned as homework as follows:

Steve Walker will take a first pass at 25-41 Structures.

Comments 42-60 were assigned to Chris Tilton, Joe Jeremy, and James Tomlinson.

Comments 61-78 were assigned to Peter Scheu.

Jeff Philips agreed to take on comments 80-92 related to the Annex.

Duane Wilson will be the clause coordinator, ensuring that clause references throughout are directed to the correct number.

## **9 New Business**

### **10 Other business and announcements**

### **11 Schedule for future meetings**

#### **11.1 January 2016 meetings**

Richard Nix announced that the January meeting is scheduled for Friday, 29 January 2016 at the D/FW Marriott Solana in bucolic Westlake, TX.

#### **11.2 USITT 2016**

Richard Nix also notified the group the March meeting in conjunction with USITT 2016 is scheduled for 16 March 2016, from 9-1 at the Downtown Marriott in Salt Lake City, UT. The conference dates are 16-19 March 2016.

#### **11.3 July 2016 meetings in conjunction with NATEAC**

Richard Nix reminded the group that the July 2016 meetings will be held in conjunction with NATEAC in New York City. Meeting dates are tentatively scheduled for 14-18 July, while the conference dates are 17-18 July 2016. Information on the conference is available at <http://www.nateac.org/>.

## **12 Adjournment**

Richard Nix thanked everyone for their participation and for taking on the draft resolutions. Dan Culhane wished everyone a good Christmas and holiday. Dan Brinker moved to adjourn. The motion was seconded and approved with no abstentions and no opposition.

Stage Lifts Working Group membership as of 17 December 2015

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
Kaleb Best	Tait Towers	Tait Towers	O	MP
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
Edward R. Condit	Edward R. Condit	Edward R. Condit	O	U
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
Scott Fisher	Scott Fisher	Scott Fisher	O	G
Luca Galante	Alfa System Sas	Alfa System Sas	O	CP
Fred Gallo	Production Resource Group	Production Resource Group	O	CP
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
Kristen Kuipers	Newcomb & Boyd	Newcomb & Boyd	O	DE
Verda Beth Martell	University of Illinois at Urbana-Champaign	University of Illinois at Urbana-Champaign	O	U
Mike McMackin	Auerbach Pollock Friedlander	Auerbach Pollock Friedlander	O	DE
Jeff T. Miller	Worldwide Standards and Auditing	Walt Disney Company	P	U

Stage Lifts Working Group membership as of 17 December 2015

---

Name	Company	Representing	Voting status	Int cat
Tom Neville	Auerbach Pollock Friedlander	Auerbach Pollock Friedlander	O	DE
Michael Nishball	Theatre Projects Consultants, Inc.	Theatre Projects Consultants, Inc.	P	DE
Richard J. Nix	Entertainment Structures Group	Steven Schaefer Associates	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
Rick Rosas	Texas Scenic Company	Texas Scenic Company	O	DR
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
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