

**Minutes**  
**Followspot Positions Working Group**  
Thursday, 24 January 2019  
Wyndham Garden Anaheim  
Anaheim, CA

**Chairpersons:**

Steve Vanciel; IATSE Local 631; P; U (presiding)  
Richard Logethetis; Lycian Stage Lighting; P; MP

**Recording secretaries:** Richard Nix, Karl G. Ruling; ESTA

**Members attending:**

Robert Haycock; UC Berkeley; I; G (present online)  
Edwin S. Kramer; I.A.T.S.E. Local 1; P; U  
Jules Lauve ; Theatre Projects Consultants, Inc.; P; DE  
R. Duane Wilson; Amer. Society of Theatre Consultants; P; DE

**Visitors:**

Roger Lattin, Local 728

**1 Opening Remarks**

Steve Vanciel called the meeting to order at 09:04, welcoming everyone to the meeting, which is being held on a lovely sunny day in Anaheim.

**2 Patent and anti-trust statements**

**2.1 Reading of the anti-trust statement**

The following statement was read aloud to the assembly by Steve Vanciel:

*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 said that scanned PDF versions are available upon request.

**2.2 Reading of the call for patents**

The following statement was read aloud to the assembly by Steve Vanciel:

*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

A green sign-in sheet was circulated.

#### 3.1 Requirements for membership

The following statement was read aloud to the assembly by Steve Vanciel:

*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 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

Those present introduced themselves, including Robert Haycock on-line.

#### 3.3 Determination of a quorum

*[There are currently 8 votes possible. A quorum is 3; a supermajority is 5]*

Steve Vanciel said that we have more than 50% of the consensus body present.

#### 3.4 Processing of new membership and status change requests

*As of 02 January 2019, the following applications and status change requests have been received:*

There are none.

#### 3.5 Changes to observer status due to lack of 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.

#### 3.6 Consensus body

*The full consensus voting body during this meeting was:*

Name	Representing	Status	Int Cat
Robert Haycock	UC Berkeley	I	G
R. Duane Wilson	Amer. Society of Theatre Consultants	P	DE
Edwin S. Kramer	I.A.T.S.E. Local 1	P	U
Stephen Vanciel	IATSE Local 631	P	U
Richard Logothetis	Lycian Stage Lighting	P	MP
Richard J. Nix	Richard J. Nix	I	G
Jules Lauve	Theatre Projects Consultants, Inc.	P	DE
Jerry Gorrell	Theatre Safety Programs	P	U
<b>Total possible votes:</b>			<b>8</b>
Total by interest category	Custom market producer	CP	0
	Designer	DE	2

	Dealer or Rental company	DR	0
	General Interest	G	2
	Mass market producer	MP	1
	User	U	3
<b>Voting status key:</b> P = Principal voter, A = Alternate voter, I = Individual voter, O = Observer member			

#### 4 Approval of the minutes from the last meeting

See [FPMinutes10-2018DRAFT.pdf]

Eddie Kramer moved that the draft minutes be approved as submitted. The motion was seconded and carried by unanimous approval.

#### 5 Approval of agenda

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

Jules Lauve moved to accept the agenda. The motion was seconded. There were no additions or amendments offered, and the agenda was approved unanimously.

#### 6 Old Business

##### 6.1 ANSI E1.28-2011 (R2016), Guidance on planning followspot positions in places of public assembly (Reaffirm, Revise, or Withdrawal by 1 July 2021)

No news or action at this time.

##### 6.2 BSR E1.66, Safety Standard for Followspot Positions Erected for Short-term Use in Entertainment Venues

*From the October minutes:*

*Richard Nix volunteered to start the outline, filling in the empty spots where he can, then distribute it to the Working Group.*

*[See BSR\_E1-66-201x\_FP2018-9004r0-2.pdf]*

Steve Vanciel praised Richard Nix's start on the document. Richard apologized for the draft being so focused on structural topics, but explained that the Event Safety - Structures document was used as a starting point for the draft, which made it easy to start with a basic outline and format.

There was a discussion of the yellow highlighted text about grounding and bonding. The offered text referenced a DIN standard. Eddie Kramer suggested that language from the NEC be used, since it is more familiar to our audience and the document is more readily available. He volunteered to modify the language with the help of Steve Vanciel. He asked for links to the VPLT and DIN standards currently referenced in the draft.

It was suggested and generally agreed that some advice on power requirements, such as the advice in E1.28, also be included in this document.

There was further discussion of how long "short-term" is. One-hundred eight day is the time for "temporary" structures in the building codes.

Steve Vanciel had a list of questions and concerns about scope, scaffold assembly, edge protection, railings, and mobile work platforms. which were discussed in more detail.

There was discussion of guidance on the process for assembling manufactured scaffolding—or the use of personnel or equipment lifts.

There was discussion of what a “special event” means, which is referenced in the first section. There was discussion, and a note that FEMA defines 'special event' in its emergency management documents, specifically in IS15b.

There was considerable discussion on what a special event is, and if this needs to restrict where this standard would be used. If it's a normal event but the followspot position is needed only for a short time, doesn't this standard apply? The group agreed to eliminate 'special events' in 2.11, 1.2, first sentence in 1.

There was further discussion of the power requirements, and the need—perhaps—to add words that would say that single-phase followspots shall be allowed to be connected to nominally three-phase circuits, as long as the voltage, current, and line frequency requirements of the followspot are met and the followspot's safety ratings are not exceeded.

There was discussion of cable dressing for personnel lifts. Karl Ruling found the JLG special instructions for use of JLG lifts as lighting positions in the motion picture industry. The consensus was to reference the lift manufacturer's special instructions for this type of use.

The consensus was that we have enough to work on for the next meeting. At that time, we might have a document ready for public review.

## **7 New business**

No new business was brought forth.

## **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](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.*

### **9 Schedule for future meetings**

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

#### **9.1 Spring 2019 meetings (USITT)**

The Spring 2019 ESTA meetings will be held in conjunction with the USITT annual conference and stage expo, in Louisville, KY. The Followspot Position Working Group is scheduled to meet from 19:00-22:00 on Friday 22 March 2019, at the Hyatt Regency Louisville.

#### **9.2 Summer 2019 meetings**

The July 2019 ESTA meetings will be held back in Westlake, TX, at the D/FW Marriott Solana, from 18 July through 22 July 2019. The complete schedule is not yet confirmed.

## **10 Adjournment**

Jules Lauve moved we adjourn. The motion was seconded. Hearing no objections, Steve Vanciel declared the meeting adjourned at 10:53.

Followspot Positions Working Group members as of 28 January 2019

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<b>Name</b>	<b>Representing</b>	<b>Status</b>	<b>Int Cat</b>
Jerry Gorrell	Theatre Safety Programs	P	U
Robert Haycock	UC Berkeley	I	G
Curtis Kasefang	Theatre Consultants Collaborative, LLC	O	CP
Edwin S. Kramer	I.A.T.S.E. Local 1	P	U
Kyle Kusmer	Steven Schaefer Associates, Inc	O	G
Jules Lauve	Theatre Projects Consultants, Inc.	P	DE
Richard Logothetis	Lycian Stage Lighting	P	MP
Richard J. Nix	Richard J. Nix	I	G
Ford Sellers	Chauvet Lighting	O	MP
Stephen Vanciel	IATSE Local 631	P	U
R. Duane Wilson	Amer. Society of Theatre Consultants	P	DE
Jeong Sik Yoo	Ghost LX	O	DE