

Minutes
Followspot Position Working Group
Saturday, 17 March 2018
Broward County Convention Center
ESTA Booth #2601

Presiding chairperson:

Richard Logothetis; Lycian Stage Lighting; P; MP
Stephen Vanciel; IATSE Local 631; P; U

Recording secretary: Erin Grabe and Karl Ruling; ESTA

Members in attendance:

Jerry Gorrell; Theatre Safety Programs; Theatre Safety Programs; O; U
Edwin S. Kramer; I.A.T.S.E. Local 1; P; U
R. Duane Wilson; George C. Izenour Associates; Amer. Society of Theatre Consultants; P; DE

1 Opening remarks

Richard Logothetis called the meeting to order at 9:02 a.m.

2 Patent and anti-trust statements

2.1 Reading of the call for patents

The following statement was read aloud to the assembly by Erin Grabe:

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 revealed.

2.2 Reading of the anti-trust statement

The following statement was read aloud to the assembly by Erin Grabe:

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.

A copy of the pamphlet was displayed. No anti-trust issues were raised.

3 Attendance & membership

3.1 Requirements for membership

The following statement was read aloud to the assembly by Erin Grabe:

Membership is open to all who are affected by the work of the group. Voters who would be in the designer, dealer/rental company, or manufacturer interest categories in particular are encouraged to become members. There is an annual \$100 participation fee for all members. Voting members are required to attend meetings and to vote on letter ballots. Voting members and their alternates may not miss three consecutive meetings or three consecutive letter ballots without a loss of voting status.

3.2 Taking attendance and introductions

3.3 Determination of quorum

Richard Logothetis announced a quorum present.

3.4 Changes of voting status

The following voter has missed the last three meetings and was moved to observer status:

Kyle Kusmer; Steven Schaefer Associates; P; General interest

Richard Logothetis announced Kyle Kusmer's change to Observer status.

3.5 Processing of new membership requests

Jeong Sik-Yoo; Korea Testing Laboratory / Theatre Safety Center; changing to represent Ghost LX
Robert Haycock; Cal Performances; UC Berkeley; O; U

Duane Wilson moved to accept these applications and status changes. The was seconded and unanimously approved.

3.6 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	
R. Duane Wilson	Amer. Society of Theatre Consultants	P	DE	
Chip Purchase	Foundation for Jones Hall	P	U	
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	
Jules Lauve	Theatre Projects Consultants, Inc.	P	DE	
		Total votes possible	6	
Votes by interest categories:		Custom-market producer	CP	0
		Designer	DE	2
		Dealer or rental company	DR	0
		General interest	G	0
		Mass-market producer	MP	1
		User	U	3

4 Approval of minutes from the March 2017 meeting

See *FPmin03-2017.pdf*

Duane Wilson moved to approve the minutes of the last meeting. The motion was seconded and unanimously approved by voice votes.

5 Approval of agenda

Eddie Kramer moved to accept the agenda as distributed. The motion was seconded and approved by voice votes.

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)

6.1.1 As it exists

Is any work needed on this document as it exists now?

6.1.2 Remote followspot positions

Are there problems with them that a standard might help ameliorate? ("No" is a possible answer.)

Eddie Kramer said that the document will likely need to be changed in the future as LED and remote followspots become more popular. Richard Logothetis agreed, but suggested that no changes are needed at this time. The consensus was to make no change.

There was discussion on remote positions. It was noted that remote operators are often placed backstage or in a basement. The operator often doesn't have a view of the stage. Eddie said that the technology is immature, and a standard now would be theoretical, instead of being based on practice.

7 New Business

7.1 BTUs

Richard Logothetis: "A request has been made to me for a clarification on BTU output on the growing list of LED follow spots."

Eddie Kramer said that the worst case scenario is when the light is dowsed, but surmised that in 20 years there will be another followspot with a new version of this problem. Eddie Kramer also noted that as output increases, heat is decreasing. There was further discussion, but no action for this group at this time.

7.2 Temporary followspot positions

Steve Vanciel wondered about the connection of this project to what the Event Safety Working Group might be doing. Does the group want to consider a standard on temporary positions? Someone, somewhere will need to address safe temporary positions, the group concluded. There was further discussion on the need for a temporary positions standard. Karl Ruling said that this body should write one, if one is needed. Many of the requirements in E1.28 are transferable to a temporary version. In addition, there are structural concerns, electrical concerns (bonding), and operator considerations to be made.

Karl Ruling explained that the first step is a project request form that the TSC would need to approve. Eddie Kramer moved to start this project, having Steve Vanciel work on the project request form. The motion was seconded and unanimously approved.

There was further discussion on other standards to reference, including E1.58.

8 Other Business

The nomination site is open year-round at http://tsp.esta.org/tsp/news/award_nomination.html.

9 Schedule of future meetings

Eddie Kramer recommended that an October 2018 meeting be scheduled. The group agreed.

10 Adjournment

Coming to the end of the agenda, and hearing no objections, Richard Logothetis declared the meeting adjourned at 9:42 a.m. ET.

Followspot Position Working Group Contact Information as of 17 March 2018

Name	Company	Representing	Voting status	Int cat
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	O	U
Erin Grabe	ESTA	ESTA	exf	G
Robert Haycock	Cal Performances	UC Berkeley	O	U
Curtis Kasefang	Theatre Consultants Collaborative, LLC	Theatre Consultants Collaborative, LLC	O	CP
Edwin S. Kramer	I.A.T.S.E. Local 1	I.A.T.S.E. Local 1	P	U
Kyle Kusmer	Entertainment Structures Group	Steven Schaefer Associates	O	G
Jules Lauve	Theatre Projects Consultants, Inc.	Theatre Projects Consultants, Inc.	P	DE
Richard Logothetis	Lycian Stage Lighting	Lycian Stage Lighting	P	MP
Richard J. Nix	Richard J. Nix	Richard J. Nix	O	G
Chip Purchase	Jones Hall	Foundation for Jones Hall	P	U
Karl G. Ruling	ESTA	ESTA	exf	G
Ford Sellers	Chauvet Lighting	Chauvet Lighting	O	MP
Stephen Vanciel	IATSE Local 631	IATSE Local 631	P	U
R. Duane Wilson	George C. Izenour Associates	Amer. Society of Theatre Consultants	P	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