

**Minutes**  
**Fog & Smoke Working Group**  
Roosevelt Hotel  
45 E 45th St, New York, NY 10017  
Vanderbilt Suite, 2<sup>nd</sup> FL

**Presiding chairman:** Brad Dittmer; Stage Labor of the Ozarks; P; U

**Recording secretaries:**

Erin Grabe; ESTA  
Karl G. Ruling; ESTA

**Members attending:**

Matthew Antonucci; Contract Services Administration Trust Fund; P; U  
Mark Elliott; Walt Disney Company; P; U  
Paul Jordan; NBC Universal; P; U  
Edwin S. Kramer; I.A.T.S.E. Local 1; P; DE  
Don Phillips; Ultratec Special Effects Inc.; A; MP  
Karl G. Ruling; Unit 12 Productions; I; CP  
Marnie Styles; Ultratec Special Effects Inc.; P; MP  
Mike Wood; Mike Wood Consulting LLC; Mike Wood Consulting LLC; P; G

**1 Opening remarks**

The meeting was called to order by Brad Dittmer at 14:06. He welcomed everyone to the meeting.

**2 Attendance and membership**

**2.1 Introductions of those present**

Introductions were not needed; everyone had chatted before the meeting was formally called to order.

**2.2 Determination of quorum**

*There are currently 10 possible votes. A quorum is 4; supermajority is 6.*

Brad Dittmer announced that a quorum was present.

**2.3 Recognition of alternate voting members**

Marnie Styles was recognized as voting for Ultratec Special Effects; Don Phillips would not be voting.

**2.4 Requirements for membership**

The following statement was read aloud to the assembly by Brad Dittmer:

*Working group membership is open to all who are affected by the work of the group. Voting members must vote on letter ballots and attend meetings. A member's voting status will be changed to observer if three consecutive letter ballots or three consecutive meetings are missed. Voting status change due to failure to vote will be done at the conclusion of the ballot period. Voting status change due to lack of attendance will be done at the beginning of the third meeting missed. Reinstatement of voting status may be requested at the next meeting attended. There is a \$100 per person per year participation fee.*

**2.5 Processing of new membership applications and change in status requests**

As of 29 June 2016, no applications or status changes were received, but Eddie Kramer suggested that he could be moved from User to the Designer category, due to the nature of his work with atmospheric effects.

Karl Ruling (Unit 12 Productions) moved that Eddie Kramer's interest category be changed to Designer. The motion was seconded and then approved with a unanimous voice vote.

## 2.6 Processing of changes to observer status if this meeting is missed

The following voter has missed the last two meetings and is in jeopardy of a change in status if this meeting is also missed:

Larry Schoeneman; DesignLab Chicago, Inc.; P; DR

Larry Schoeneman was not present. Brad Dittmer announced that he had been moved to observer status.

## 2.7 Consensus body

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

Delegate	Representation	Voting status	Int. cat.
Matthew Antonucci	Contract Services Administration Trust Fund	P	U
Heather Rowe	Contract Services Administration Trust Fund	A	U
Edwin S. Kramer	I.A.T.S.E. Local 1	P	DE
Stephen Vanciel	IATSE Local 631	P	U
Mike Wood	Mike Wood Consulting LLC	P	G
Paul Jordan	NBC Universal	P	U
Brad Dittmer	Stage Labor of the Ozarks	P	U
Marnie Styles	Ultratec Special Effects Inc.	P	MP
Don Phillips	Ultratec Special Effects Inc.	A	MP
Karl G. Ruling	Unit 12 Productions	I	CP
Mark Elliott	Walt Disney Company	P	U
	<b>Total votes possible</b>	<b>9</b>	
	<b>Votes by interest categories</b>	1	CP
		1	DE
		0	DR
		1	G
		1	MP
		5	U

## 3 Approval of minutes from the previous meeting

See *FSmin03-2016.pdf*

Eddie Kramer moved that the draft minutes be approved as written. The motion was seconded. There was no discussion. The motion was approved with a unanimous voice vote.

## 4 Approval of agenda

Eddie Kramer moved that the draft agenda be accepted. The motion was seconded. There was no discussion. The motion was approved with a unanimous voice vote.

## 5 Reading of the call for patents

The following statement was read aloud to the assembly by Brad Dittmer:

*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 Brad Ditmer:

*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 pamphlet to show its ready availability. Nothing was reported.

## **7 Old Business**

### **7.1 ANSI E1.5 – 2009 (R2014), Entertainment Technology - Theatrical Fog Made with Aqueous Solutions of Di- and Trihydric Alcohols** (Reaffirmation, revision, or withdrawal by 2019)

No news or action at this time.

### **7.2 ANSI E1.14 - 2001 (R2013), Entertainment Technology - Recommendations for Inclusions in Fog Equipment Manuals** (Reaffirmation, Revision, or Withdrawal by 2018)

No news or action at this time.

### **7.3 ANSI E1.23 – 2010 (R2015), Entertainment Technology - Design and Execution of Theatrical Fog Effects** (Reaffirmation, revision, or withdrawal by 2020)

No news or action at this time.

### **7.4 ANSI E1.29 – 2009 (R2014), Product Safety Standard for Theatrical Fog Generators that Create Aerosols of Water, Aqueous Solutions of Glycol or Glycerin, or Aerosols of Highly Refined Alkane Mineral Oil** (Reaffirmation, revision, or withdrawal by 2019)

No news or action at this time.

### **7.5 Revision of ANSI E1.40 – 2011, Recommendations For the Planning of Theatrical Dust Effects**

*The public review ended on 27 June 2016. No comments were received. See E1-40\_RevwSmmry.pdf.*

Eddie Kramer moved that we accept the revised E1.40 as an American National Standard. The motion was seconded. The question will be decided by letter ballot.

### **7.6 Introduction to Modern Atmospheric Effects, 5th edition**

*Any news or action at this time?*

Karl Ruling (Unit 12 Productions) move that we change the organization name from PLASA to ESTA and update the copyright date to 2016. Eddie Kramer seconded the motion. It was approved with a unanimous voice vote.

## **8 New business**

None.

## **9 Other business**

### **9.1 Above & Beyond Awards**

Karl Ruling reminded people that the nomination site is open year round at [http://tsp.esta.org/tsp/news/award\\_nomination.html](http://tsp.esta.org/tsp/news/award_nomination.html).

### **9.2 Other other business**

None.

## **10 Liaison Reports**

No formal reports.

Karl Ruling reported that he and Thierry Pouliot (MDG Fog Generators Ltd.) will be doing a session at the USITT Conference next year on smoke alarms. It was added to the schedule a few days after this year's Conference, which is late, but the support of CITT had been helpful in getting it on the schedule.

## **11 Schedule for future meetings**

### **11.1 LDI 2016**

*The next set of meetings is scheduled for the week of 17 October, in conjunction with LDI in Las Vegas.* Karl Ruling announced that Penton had reserved no meeting space at the Westgate Las Vegas. The meetings probably will be at the Embassy Suites, a venue we have used before successfully.

There was a discussion of the need to meet at LDI. There is very little work to do, but the consensus was that we should meet at LDI.

### **11.2 January 2017**

*The January meeting dates at the D/FW Marriott Solana are confirmed for 18-22 January 2017.*

The consensus was that this working group should not meet in January, unless something happens to drive such a meeting.

## **12 Adjournment**

Eddie Kramer moved that the meeting adjourn. The motion was seconded. Hearing no objections, Brad Ditmer declared the meeting adjourned at 14:35.

Fog & Smoke Working Group Members as of 19 July 2016

Delegate	Company	Representing	Voting status	Int. cat.
Matthew Antonucci	Contract Services Administration Trust Fund	Contract Services Administration Trust Fund	P	U
Robert Barbagallo	Solotech Inc.	Solotech Inc.	O	U
Paul Beasley	Walt Disney Imagineering	Walt Disney Company	O	U
Ron Bonner	PLASA Technical Resources Office	PLASA EU	O	G
Margaret Buckalew	Environmental Resource Management (ERM)	Environmental Resource Management (ERM)	O	G
Justin Cicerone	Martin Professional	Harman International Industries	O	MP
Gary Crawford	C I T C	C I T C	O	MP
Brad Dittmer	Stage Labor of the Ozarks	Stage Labor of the Ozarks	P	U
Mark Elliott	Walt Disney Company	Walt Disney Company	P	U
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	O	G
Erin Grabe	ESTA	ESTA	exf	G
Paul Jordan	NBC Universal	NBC Universal	P	U
Kent H. Jorgensen	IATSE Local 80	IATSE Local 80	O	G
Nathan Kahn	Look Solutions USA Ltd.	Look Solutions USA Ltd.	O	MP
Edwin S. Kramer	I.A.T.S.E. Local 1	I.A.T.S.E. Local 1	P	DE
Greg Meeh	Jauchem & Meeh, Inc.	Jauchem & Meeh, Inc.	O	DR
Martin Michaud	MDG Fog Generators Ltd.	MDG Fog Generators Ltd.	O	MP
Don Phillips	Ultratec Special Effects Inc.	Ultratec Special Effects Inc.	A	MP
Monona Rossol	Arts, Crafts & Theater Safety	Monona Rossol	O	G
Heather Rowe	Contract Services Administration Trust Fund	Contract Services Administration Trust Fund	A	U
Karl G. Ruling	Unit 12 Productions	Unit 12 Productions	I	CP
Karl G. Ruling	ESTA	ESTA	exf	G
Larry Schoeneman	DesignLab Chicago, Inc.	DesignLab Chicago, Inc.	O	DR
Ford Sellers	Chauvet Lighting	Chauvet Lighting	O	MP
Marnie Styles	Ultratec Special Effects Inc.	Ultratec Special Effects Inc.	P	MP
Stephen Vanciel	IATSE Local 631	IATSE Local 631	P	U
Colin Waters	TMB	TMB	O	G
Mike Wood	Mike Wood Consulting LLC	Mike Wood Consulting LLC	P	G

**Voting status:** P = Principal; A = Alternate, I = Individual, O = Observer

**Interest categories:** DE = Designer; G = General interest; U = User; DR = Dealer or Rental company; MP = Mass-market Producer; CP = Custom-market Producer