

**Minutes**  
**Fog and Smoke Working Group**  
Friday, 28 March 2014  
Fort Worth Convention Center  
Ft. Worth, TX

**Presiding Chairman:**

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

**Recording Secretaries:**

Karl G. Ruling; PLASA NA; exf; G & Erin Grabe; PLASA NA; exf; G

**Members attending:**

Matthew Antonucci; Contract Services Administration Trust Fund; P; U  
Matthew R. DeLong; Rosco Laboratories; P; MP  
Brad Dittmer; Stage Labor of the Ozarks; P; U  
Mark Elliott; Walt Disney Company; P; U  
Paul Jordan; NBC Universal; P; U  
Marnie Styles; Ultratec Special Effects Inc.; P; MP  
Mike Wood; Mike Wood Consulting LLC; P; G

**1 Opening remarks**

At 9:00 a.m., Larry Schoeneman welcomed everyone to the Fog & Smoke working group meeting.

**2 Attendance and membership**

**2.1 Introductions of those present**

Self-introductions took place clockwise, while a sign-in sheet trailed.

**2.2 Determination of quorum**

Larry Schoeneman requested a show of hands by voters and announced a supermajority present.

**2.3 Recognition of alternate voting members**

**2.4 Requirements for membership**

*The following was read aloud to the assembly by Larry Schoeneman:*

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.

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

Marnie Styles; Ultratec Special Effects Inc.; P; MP (new member)  
Don Philips; Ultratec Special Effects Inc.; O to A

Mike Wood moved to accept the new voters. The motion was seconded and approved by a show of hands.

**2.6 Change of status requests**

Matthew R. DeLong; Rosco Laboratories; O to P; MP

Mike Wood moved to approve the status change. A second was received and approved by show of hands.

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

The following voting member has missed the last two consecutive meetings and was moved to observer status due to this meeting also being missed:

Edwin S. Kramer; I.A.T.S.E. Local 1; P; U

## 2.8 Consensus body

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

Name	Representing	Voting status	Interest category
Matthew Antonucci	Contract Services Administration Trust Fund	P	U
Larry Schoeneman	DesignLab Chicago, Inc.	P	DR
Mike Wood	Mike Wood Consulting LLC	P	G
Paul Jordan	NBC Universal	P	U
Matthew R. DeLong	Rosco Laboratories	P	MP
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
Mark Elliott	Walt Disney Company	P	U
<b>Voting Status Key: P = Principal voter, A = Alternate voter, I = Individual voter</b>			
<b>Votes by Interest Category:</b>			
Custom-market producer		CP	0
Designer		DE	0
Dealer or rental company		DR	1
General interest		G	1
Mass-market producer		MP	2
User		U	4
<b>Total votes possible:</b>			<b>8</b>

## 3 Approval of minutes from the previous meeting, the meeting of 20 November 2013

See *FSmin11-2013.pdf*

Mike Wood moved to approve the November 2013 minutes as drafted. The motion was seconded, and approved by a unanimous show of hands.

## 4 Approval of agenda

Matthew DeLong added the E puffer electronic cigar to the agenda at item 8.1.

Brad Dittmer moved to approve the agenda as modified; The motion was seconded and unanimously approved by a show of hands.

## 5 Reading of the call for patents

*The following was read aloud to the assembly by Larry Schoeneman:*

PLASA intends not to publish any standard that contains protected intellectual property, unless that information can be licensed by anyone for a reasonable fee. PLASA uses a process of open patent and

copyright disclosures to implement its intent. PLASA 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 or 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 NEW anti-trust statement**

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

PLASA and its members take seriously their obligation to comply with all applicable antitrust laws. Therefore, during this meeting and during all PLASA 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 a PLASA meeting, please bring your concern to PLASA management. An easy to read pamphlet describing the antitrust laws is available from the PLASA staff.

Karl Ruling held up the pamphlet. Nothing was reported.

## **7 Old Business**

### **7.1 ANSI E1.5 - 2009, Entertainment Technology - Theatrical Fog Made with Aqueous Solutions of Di- and Trihydric Alcohols** (Reaffirmation, Revision, or Withdrawal by 2014)

*See E1-5\_PubRevwCmmntsSmmry.pdf.*

No comments were received; none need to be resolved.

Brad Dittmer moved that the group reaffirm the standard. The motion was seconded and will be decided by letter ballot per the Policies and Procedures.

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

No action at this time.

### **7.3 ANSI E1.23 - 2010, Entertainment Technology - Design and Execution of Theatrical Fog Effects** (Reaffirmation, Revision, or Withdrawal by 2015)

No action at this time.

### **7.4 ANSI E1.29 - 2009, 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 2014)

*See E1-29\_PubRevwCmmntsSmmry.pdf.*

No comments were received; none need to be resolved.

Mike Wood moved that the group reaffirm the standard. The motion was seconded and will be decided by letter ballot per the Policies and Procedures.

**7.5 ANSI E1.40 - 2011, Recommendations For the Planning of Theatrical Dust Effects** (Reaffirmation, Revision, or Withdrawal by 2016)

No action at this time.

**8 New business**

**8.1 E-puffer cigars/cigarettes**

This item was added to the agenda by Matt DeLong. He addressed the group as to this product being added to the Equity list of approved fog machine time/distance tables. The working group discussed the implications and the possible actions that could arise.

Action at this time includes the addition of a disclaimer to the working group's testing procedures, a report in the TSP Standards News publication to the effect that PLASA does not have an opinion on the addition of this prop to the Actors' Equity list. Additionally, exposing people to the direct output of fog machines is specifically not recommended in our Introduction to Modern Atmospheric Effects publication.

**9 Other business**

**10 Liaison Reports**

None at this time.

**10.1 PLASA EU**

**10.2 NFPA**

**10.3 Above & Beyond Awards**

The nomination site is open year round at [tsp.plasa.org/AboveandBeyond](http://tsp.plasa.org/AboveandBeyond).

Karl Ruling reminded the group of the nomination process and website.

**10.4 TSP sessions at LDI 2014**

The TSP is currently accepting content to fill both the 90-minute educational sessions and in-booth presentations. The deadline for title, abstract, moderator, and panelist information is 10 April 2014.

Larry Schoeneman and Brad Dittmer agreed to moderate fog sessions at both LDI 2014 and USITT 2015.

**11 Schedule for future meetings**

The next Fog & Smoke working group meeting will tentatively be 25 July 2014 at 7pm.

**12 Adjournment**

Brad Dittmer moved to adjourn. The motion was seconded and approved by a voice-vote. Larry Schoeneman declared the meeting adjourned at 9:40 a.m.

Name	Company	Representing	Voting status	Int. Cat.
Joshua Alemany	Rosco Laboratories	Rosco Laboratories	O	MP
Matthew Antonucci	Contract Services Administration Trust Fund	Contract Services Administration Trust Fund	P	U
Clive Bailey	Martin Professional A/S	Martin Professional A/S	O	MP
Robert Barbagallo	Solotech Inc.	Solotech Inc.	O	U
Ron Bonner	PLASA Technical Resources Office	PLASA EU	O	G
Jim Cooper	Palomar College	USITT	O	U
Gary Crawford	C I T C	C I T C	O	MP
Matthew R. DeLong	Rosco Laboratories	Rosco Laboratories	P	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
Gary Fails	City Theatrical, Inc.	City Theatrical, Inc.	O	MP
Lowell Fowler	High End Systems Inc.	High End Systems Inc.	O	MP
Reuben Goldberg	Technic Services	Technic Services	O	U
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	O	G
Erin Grabe	PLASA NA	PLASA NA	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
Thomas V. Korder	Krannert Center for the Performing Arts	University of Illinois	O	U
Edwin S. Kramer	I.A.T.S.E. Local 1	I.A.T.S.E. Local 1	O	U
Peggy Lee Martindale	University of Texas, Austin	University of Texas, Austin	O	G
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

Name	Company	Representing	Voting status	Int. Cat.
Monona Rossol	Arts, Crafts & Theater Safety	Monona Rossol	O	G
Karl G. Ruling	PLASA NA	PLASA NA	exf	G
Larry Schoeneman	DesignLab Chicago, Inc.	DesignLab Chicago, Inc.	P	DR
Adrian Segeren	Ultratec Special Effects Inc.	Ultratec Special Effects Inc.	O	MP
Marnie Styles	Ultratec Special Effects Inc.	Ultratec Special Effects Inc.	P	MP
Eric Tishman	Rosco Laboratories	Rosco Laboratories	O	MP
Stephen Vanciel	Stephen Vanciel	Stephen Vanciel	O	U
Colin Waters	TMB	TMB	O	G
Mike Wood	Mike Wood Consulting LLC	Mike Wood Consulting LLC	P	G
Norman Wright	Group One Ltd.	Group One	O	DR

**Voting Status Key:**

**P = Principal voter, A = Alternate voter, I = Individual voter, O = Observer member**

**Interest Category Key:**

**CP = Custom-market producer, DE = Designer, DR = Dealer or rental company, G = General interest, MP = Mass-market producer, U = User**