

Minutes
Fog and Smoke Working Group
Wednesday, 19 November 2014
Westgate Las Vegas
Las Vegas, NV

Presiding Chairperson: Larry Schoeneman; DesignLab Chicago, Inc.; P; DR

Recording Secretaries: Karl G. Ruling and Erin Grabe; PLASA NA; exf; G

Members in Attendance:

Paul Beasley; Walt Disney Imagineering; Walt Disney Company; O; U
Justin Cicerone; Martin Professional; Harman International Industries; O; MP
Matthew R. DeLong; Rosco Laboratories; P; MP
Brad Dittmer; Stage Labor of the Ozarks; P; U
Mark Elliott; Walt Disney Company; P; U
Randy L. Fox; Walt Disney Company; O; U
Paul Jordan; NBC Universal; P; U
Edwin S. Kramer; I.A.T.S.E. Local 1; P; U
Don Phillips; Ultratec Special Effects Inc.; A; MP
Mike Wood; Mike Wood Consulting LLC; P; G

Visitors:

None

1 Opening remarks

Larry Schoeneman called the meeting to order at 9:01 by welcoming everyone.

2 Attendance and membership

A bright orange sign-in sheet went clockwise around the table.

2.1 Introductions of those present

Self-introductions took place clockwise around the table, concluding with an introduction from Matt DeLong, joining the meeting remotely.

2.2 Determination of quorum

Counting the voters in the room, Larry Schoeneman announced that a quorum was present.

2.3 Recognition of alternate voting members

Don Phillips was recognized as an Alternate voter for Ultratec Special Effects Inc.

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

As of 19 November 2014, the following applications have been received and logged:

Ford Sellers; Chauvet Lighting; O; MP
Justin Cicerone; Martin Professional; Harman International Industries; O; MP

Eddie Kramer; Local 1: P; U
 Paul Beasley; Walt Disney Imagineering; Walt Disney Company; O; U
 Randy L. Fox; Walt Disney Company; O; U

Mike Wood moved to approve the new applications. The motion was seconded and approved by a show of hands and a voice vote.

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

There were no voting members in jeopardy of a change in status due to lack of attendance.

2.8 Consensus body

The consensus body of the Fog & Smoke Working 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
Edwin S. Kramer	I.A.T.S.E. Local 1	P	U
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
Voting Status Key: P = Principal voter, A = Alternate voter, I = Individual voter			
Votes by Interest Category:			
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		5
Total votes possible:			9

3 Approval of minutes from the previous meeting

See *Fsmin03-2014.pdf*

Brad Dittmer moved to approve the minutes as drafted. Mike Wood seconded the motion, which was then approved by a show of hands and a voice vote.

4 Approval of agenda

Eddie Kramer moved to approve the agenda as drafted. The motion was seconded by Mark Elliot and approved by a a show of hands and a voice vote.

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 revealed related to patents or any other intellectual property.

6 Reading of the anti-trust statement

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

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 and Erin Grabe both displayed copies of the pamphlet for the group. Nothing was revealed.

7 Old Business

7.1 ANSI E1.5 – 2009 (R2014), Entertainment Technology - Theatrical Fog Made with Aqueous Solutions of Di- and Trihydric Alcohols

It's published! 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, Entertainment Technology - Design and Execution of Theatrical Fog Effects

Under ANSI's standard five-year revision cycle, we must notify them by 20 September 2015 if E1.23 is to be reaffirmed, revised, or withdrawn.

Brad Dittmer moved that we start the process of reaffirming ANSI E1.23. Mike Wood seconded the motion, which was then approved by a show of hands and a voice vote.

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

No news or action at this time.

7.5 ANSI E1.40 - 2011, Recommendations For the Planning of Theatrical Dust Effects

No news or action at this time.

7.6 Introduction to Modern Atmospheric Effects, 4th edition

The consensus of the group is that maybe e-cigarettes fit into this document somehow. Karl Ruling volunteered to draft language that clearly excludes e-cigarettes. Larry Schoeneman appointed Matt DeLong and Karl Ruling to a task group that will look at adding appropriate text. The group feels that USITT is a good time to aim for consideration of any revisions.

8 New business

8.1 E-puffer cigars/cigarettes

Matt DeLong addressed the group about Actors' Equity's use of e-cigarettes. He reported that ENVIRON is including e-cigarettes in their fog guidance documents and noted that Drexel University had published something on the safety on e-cigarettes, citing American Heart Association information. Matt added that the overall concern is peak-exposure of the operator, which is completed upon exhale. He concluded with an opinion that blanket legislation could apply to e-cigarettes that might then apply to fog machines. He recommended that this group attempt to deflect such legislation.

Mike Wood offered to contact ENVIRON. Larry Schoeneman asked Karl Ruling and Matt DeLong to use the opening of the Introduction to Modern Atmospheric Effects to formalize PLASA's position and to report back at USITT.

9 Other business

10 Liaison Reports

10.1 PLASA EU

10.2 NFPA

Larry Schoeneman reported that NFPA SPE-AAA Special Effects Technical Committee had its Second Draft Meeting on 30 October at the Embassy Suites Baltimore Inner Harbor, but that he'd not been able to attend. Karl Ruling reported that he had been able to attend remotely via Adobe Connect. (He and Schoeneman are alternate and principal voters respectively for ESTA. The NFPA has not updated their records.)

Ruling reported that the meeting was long—from 8:10 a.m. to 4:30 p.m.—with much of that being given over to long discussions about how to reconcile hybrid flame effects with the requirements of NFPA 160 and 1126 and the sometimes bizarre interpretations of those requirements by AHJs. There were only five public review comments each for NFPA 160 and 1126. These were resolved. NFPA 160 and NFPA 1126 are on a five-year revision cycle so scheduling of the next meeting was deferred.

10.3 Above & Beyond Awards

Larry Schoeneman reminded the group that the nomination site is open year round at tsp.plasa.org/AboveandBeyond.

10.4 TSP sessions at LDI 2014

Larry Schoeneman reminded the group that some of its members are presenting, "I've Got My Halloween Fog Machine! They're All The Same, Right?" on Saturday 22 November 2014 at 1:30 p.m. The full schedule of PLASA sessions may be found at <http://plasa.me/90minutesessionsldi2014>.

11 Schedule for future meetings

The group consensus was to have a meeting in Cincinnati in March.

12 Adjournment

Brad Dittmer moved to adjourn. After the motion was seconded. Hearing no objections, Larry Schoeneman declared the meeting adjourned at 9:37.

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
Paul Beasley	Walt Disney Imagineering	Walt Disney Company	O	U
Ron Bonner	PLASA Technical Resources Office	PLASA EU	O	G
Justin Cicerone	Martin Professional	Harman International Industries	O	MP
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
Randy L. Fox	Walt Disney Company	Walt Disney Company	O	U
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	P	U
Peggy Lee Martindale	University of Texas, Austin	University of Texas, Austin	O	G

Name	Company	Representing	Voting status	Int. Cat.
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
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
Ford Sellers	Chauvet Lighting	Chauvet Lighting	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, 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