

Minutes
Fog and Smoke Working Group
20 November 2013
9:00-11:00
The Las Vegas Hotel
Las Vegas, NV

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

Recording secretaries: Erin Grabe; PLASA
Karl G. Ruling; PLASA

Members attending:

Matthew Antonucci; Contract Services Administration Trust Fund; P; U
Mike Wood; Mike Wood Consulting LLC; P; G
Brad Dittmer; Stage Labor of the Ozarks; P; U
Mark Elliott; Walt Disney Company; P; U

Visitors: None

1 Opening remarks

The meeting was opened by discussion of fog machines and calibration factors of manufacturers at 8:59. Larry Schoeneman formally gave opening remarks at 9:08, and announced that a quorum was present.

2 Attendance and membership

A pink sign-in sheet was passed clockwise; Introductions followed clockwise.

2.1 Introductions of those present

2.2 Determination of quorum

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

Matthew Antonucci; Contract Services Administration Trust Fund; P; U

Mike Wood moved to accept the application. Brad Dittmer seconded the motion and it carried by a unanimous show of hands. Karl added that with this addition, there is a supermajority present.

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

The following voting members have missed the last two consecutive meetings and will be moved to observer status if this meeting is also missed:

Matthew DeLong, Eric Tishman, & Joshua Alemany; Rosco Laboratories
These members were not present and were moved to observer status.

2.6 Consensus body

The full consensus body during 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
Brad Dittmer	Stage Labor of the Ozarks	P	U
Mark Elliott	Walt Disney Company	P	U

	Total
CP (Custom-market Producer)	0
DE (Designer)	0
DR (Dealer or Rental company)	1
G (General interest)	1
MP (Mass-market Producer)	0
U (User)	5
Total votes possible	7

3 Approval of minutes from the previous meeting, the meeting of 17 October 2012

See *FSmin10-2012.pdf*

Brad Dittmer moved to approve the minutes. The motion was seconded and approved by a show of hands.

4 Approval of agenda

Brad Dittmer moved to approve the agenda. The motion was seconded and 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 anti-trust statement

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

The PLASA Board of Directors, the Technical Standards Council, and the leadership of this working group will reject or nullify any actions that unlawfully restrain trade. Anyone who feels that such an action is being or has been taken is requested to bring that matter to the attention of the chair

immediately. Anyone who feels that actions in restraint of trade have been taken and not properly annulled is requested to notify the TSC chair or PLASA chair immediately.

PLASA legal counsel has informed us that violations of the anti-trust laws can have serious consequences. Individuals engaged in certain unlawful conduct can be found criminally liable. An individual convicted of a criminal violation of the Sherman Act may be fined as much as \$1,000,000 and imprisoned for up to ten years. An easy to read pamphlet describing restraint of trade issues is available from the Technical Standards Manager.

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)

Mike Wood moved that we start the process of reaffirming E1.5. The motion was seconded and approved by a unanimous show of hands. The first step would be a public review; the consensus was that this would be done without a concurrent letter ballot to reaffirm the standard.

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)

Brad Dittmer moved to reaffirm the standard. Mike Wood seconded, and it was unanimously approved. The first step would be a public review; the consensus was that this would be done without a concurrent letter ballot to reaffirm the standard.

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

Larry Schoeneman brought up the topic of dealing with smoke detectors being triggered by fog in the air and initiating fire alarms. Karl Ruling spoke on the types of detectors available and noted that the problem is already addressed in the relevant standards. The problem of false alarms is one of inattention to the problem in assembly occupancies, not a lack of standards or appropriate fire detection equipment. The group is in consensus that this issue should not be taken up any more than is already written into the standards.

9 Other business

No other business.

10 Liaison Reports

No reports at this time.

10.1 PLASA EU

Nothing to report.

10.2 NFPA

Larry Schoeneman reported on the task group conference call. Nothing to add that had to do with fog.

11 Schedule for future meetings

The next Fog & Smoke working group meeting will be held in conjunction with USITT in March 2014.

12 Adjournment

Brad Dittmer moved to adjourn. Matt Antonucci offered his first Fog & Smoke second to a motion, and with that the meeting was adjourned by unanimous voice vote at 9:31.

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	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
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
Florian von Hofen	VPLT	VPLT	O	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
Greg Meeh	Jauchem & Meeh, Inc.	Jauchem & Meeh, Inc.	O	DR
Martin Michaud	MDG Fog Generators Ltd.	MDG Fog Generators Ltd.	O	MP

Name	Company	Representing	Voting Status	Int. Cat.
Don Phillips	Ultratec Special Effects Inc.	Ultratec Special Effects Inc.	O	MP
Monona Rossol	Arts, Crafts & Theater Safety	Monona Rossol	O	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.	O	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 and Interest Category Legend

P principal voting member	CP custom-market producer
A alternate voting member	MP mass-market producer
I individual voting member	DE designer
O observer non-voting member	DR dealer/rental company
	U user
	G general interest