

Minutes
Fog and Smoke Working Group
Saturday, 21 November 2009
Rosen Plaza Hotel
9700 International Drive
Orlando, Florida

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

Recording secretary: Karl G. Ruling; ESTA

Members attending:

Wendy Holt; AMPTP/CSATF (Alliance of Motion Picture and Television Producers); P; U
M. Brad Dittmer; Downhome Productions; P; U
Mike Wood; Mike Wood Consulting LLC; P; G
Ron Bonner; PLASA; P; G
Eric Tishman; Rosco Laboratories; P; MP
Don Phillips; Ultratec Special Effects Inc.; P; MP
Florian von Hofen; VPLT; O; G
Mark Elliott; Walt Disney Company; O; U

Visitors:

Kurt Pragman; Pragman Associates
Martin Moore
Paul Jordan; NBC Universal

1 Opening remarks

Larry Schoeneman called the meeting to order at 09:00.

2 Attendance and membership

2.1 Introductions of those present

Those present introduced themselves while a green attendance sign-in sheet was circulated.

2.2 Determination of quorum

Larry Schoeneman announced that a quorum was present and business could be conducted.

2.3 Recognition of alternate voting members

There were none to recognize.

2.4 Requirements for membership

Schoeneman reminded the assembly that 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 he and his alternate miss three consecutive letter ballots or three consecutive meetings. 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

None as of 30 October 2009.

At the request of Tishman and Phillips, Wendy Holt moved that Eric Tishman of Rosco Laboratories and Don Phillips of Ultratec Special Effects be reinstated to voting status. The motion was seconded and then approved with a show of hands.

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

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

- Martin Michaud; MDG Fog Generators
- Greg Meeh and Patrick Boyd; Jauchem & Meeh, Inc.

Boyd, Meeh, and Michaud were not present. Schoeneman announced that they were now moved to observer status.

2.7 Consensus body

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

Name	Company	Representing	Voting status	Int. cat.
Wendy Holt	AMPTP/CSATF	Alliance of Motion Picture and Television Producers	P	U
Larry Schoeneman	Designlab Chicago, Inc.	Designlab Chicago, Inc.	P	DR
M. Brad Dittmer	Downhome Productions	Downhome Productions	P	U
Edwin S. Kramer	I.A.T.S.E. Local 1	I.A.T.S.E. Local 1	P	U
Mike Wood	Mike Wood Consulting LLC	Mike Wood Consulting LLC	P	G
Ron Bonner	PLASA	PLASA	P	G
Eric Tishman	Rosco Laboratories	Rosco Laboratories	P	MP
Don Phillips	Ultratec Special Effects Inc.	Ultratec Special Effects Inc.	P	MP
		Total votes possible	8	
			0	CP
			2	MP
		Votes by interest category	1	DR
			3	U
			2	G

3 Approval of minutes from the previous meeting, the meeting of 17 July 2009

Brad Dittmer moved that the draft minutes of the last meeting (FSmin07-2009.pdf) be accepted as written. The motion was seconded and then approved with a show of hands.

4 Approval of agenda

Brad Dittmer moved that the draft agenda be approved. The motion was seconded and then approved with a unanimous show of hands.

5 Reading of the call for patents

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

"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 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.

6 Reading of the anti-trust statement

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

"The ESTA Board of Directors, the Technical Standards Committee, 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 ESTA president immediately.

"ESTA 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."

Karl Ruling, the Technical Standards Manager, held up one of the easy-to-read pamphlets to show its availability. No restraint of trade issues were reported.

7 Old Business

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

No news or action.

7.2 BSR E1.23-200x, Entertainment Technology - Design and Execution of Theatrical Fog Effects

7.2.1 Addressing the third public review comments

Mike Wood moved that the draft comment resolutions (doc number F&S/2009-3019) be accepted. The motion was seconded and then approved on a roll call ballot, with all present voting in favor.

Name	Company	Representing (This is the sort field.)	Voting status	Int. cat.	Yes	Yes with comments	No with reasons	Abstain
Wendy Holt	AMPTP/CSATF	AMPTP	P	U	Y			
Larry Schoeneman	Designlab Chicago, Inc.	Designlab Chicago, Inc.	P	DR	Y			
M. Brad Dittmer	Downhome Productions	Downhome Productions	P	U	Y			
Edwin S. Kramer	I.A.T.S.E. Local 1	I.A.T.S.E. Local 1	P	U				
Mike Wood	Mike Wood Consulting LLC	Mike Wood Consulting LLC	P	G	Y			
Ron Bonner	PLASA	PLASA	P	G	Y			
Eric Tishman	Rosco Laboratories	Rosco Laboratories	P	MP	Y			
Don Phillips	Ultratec Special Effects	Ultratec Special Effects	P	MP	Y			
		Total possible and actual	8		7	0	0	0
		Votes by interest category possible and actual	0	CP	0	0	0	0
			2	MP	2	0	0	0
			1	DR	1	0	0	0
			3	U	2	0	0	0
			2	G	2	0	0	0

7.2.2 Acceptance of the revised draft standard

Brad Dittmer moved we accept the revised draft standard (document number F&S/2002-3014r14) as an American National Standard. The motion was seconded. The question will be decided by letter ballot.

7.3 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

No news or action.

7.4 Dust effects

7.4.1 Mike Wood's report (see DUST_Nov2009.pdf)

Mike Wood reported the results of his investigation.

7.4.2 Other actions relevant to a dust effects standard

Mike wood moved that we write a proposal for a dust standard that is a recommendation. The motion was seconded and then approved with a show of hands, with all present voting in favor.

Schoeneman appointed a task group of Mike Wood and Karl Ruling to write a proposal for the TSC. The consensus was that if the TSC accepts it that Wood, Holt, and Ruling will write a first draft.

8 New business

There was some discussion of marketing by other companies that claim that triethylene glycol is carcinogenic. Karl Ruling suggested that he could remind people in *Standards Watch* that the Equity docs and our docs do not identify any carcinogenic risk.

9 Other business

None.

10 Liaison Reports

10.1 PLASA

No report from Ron Bonner.

10.2 NFPA

Larry Schoeneman reported that the SPE-AAA committee wants to restructure the flame effects and pyro standards into a single document, thus making it easier to add chapters for various effects. If there is a fog section, it could reference our standards or use language from our standards. There was discussion.

11 Schedule for future meetings

It was announced that the next meeting is scheduled for Friday, 22 January 2010, from 13:00 to 17:00, at the Dallas/Ft. Worth Marriott Solana in Westlake, Texas.

12 Adjournment

Ron Bonner moved that the meeting adjourn. The motion was seconded. Hearing no objections, Larry Schoeneman declared the meeting adjourned at 10:07.

Working Group Membership and Contact Information as of 16 December 2009

Name	Company	Representing (This is the sort field.)	Voting status	Int. cat.
Wendy Holt	AMPTP/CSATF	Alliance of Motion Picture and Television Producers	P	U
Gary Crawford	C I T C	C I T C	O	MP
Stephanie Kelly	Phoenix Stages/Convention Center	City of Phoenix	O	G
Gary Fails	City Theatrical, Inc.	City Theatrical, Inc.	O	MP
Larry Schoeneman	Designlab Chicago, Inc.	Designlab Chicago, Inc.	P	DR
M. Brad Dittmer	Downhome Productions	Downhome Productions	P	U
Norman Wright	Group One Ltd.	Group One	O	DR
Lowell Fowler	High End Systems Inc.	High End Systems Inc.	O	MP
Edwin S. Kramer	I.A.T.S.E. Local 1	I.A.T.S.E. Local 1	P	U
Kent H. Jorgensen	IATSE Local 80	IATSE Local 80	O	G
Greg Meeh	Jauchem & Meeh, Inc.	Jauchem & Meeh, Inc.	O	DR
Nathan Kahn	Look Solutions USA Ltd.	Look Solutions USA Ltd.	O	MP
Ulrich Borup Hansen	Martin Professional A/S	Martin Professional A/S	O	MP
Martin Michaud	MDG Fog Generators Ltd.	MDG Fog Generators Ltd.	O	MP
Mike Wood	Mike Wood Consulting LLC	Mike Wood Consulting LLC	P	G
Monona Rossol	Arts, Crafts & Theater Safety	Monona Rossol	O	G
Ron Bonner	PLASA	PLASA	P	G
Douglas Franz	QVC Network	QVC Network	O	U
Eric Tishman	Rosco Laboratories	Rosco Laboratories	P	MP
Marty Clausen	SHAPE	Safety & Health in Arts Production Entertainment	O	G
Robert Barbagallo	Solotech Inc.	Solotech Inc.	O	U
Stephen Vanciel	Stephen Vanciel	Stephen Vanciel	O	U
Reuben Goldberg	Technic Services	Technic Services	O	U
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	O	G

Name	Company	Representing (This is the sort field.)	Voting status	Int. cat.
Colin Waters	TMB	TMB	O	G
Don Phillips	Ultratec Special Effects Inc.	Ultratec Special Effects Inc.	P	MP
Adrian Segeren	Ultratec Special Effects Inc.	Ultratec Special Effects Inc.	O	MP
Marnie Styles	Ultratec Special Effects Inc.	Ultratec Special Effects Inc.	O	MP
Thomas V. Korder	Krannert Center for the Performing Arts	University of Illinois	O	U
Peggy Lee Martindale	University of Texas, Austin	University of Texas, Austin	O	G
Jim Cooper	Palomar College	USITT	O	U
Florian von Hofen	VPLT	VPLT	O	G
Mark Elliott	Walt Disney Company	Walt Disney Company	O	U

Key to codes:

- P principal voting member
- A alternate voting member
- I individual voting member
- O observer, non-voting

- MP mass-market producer interest category
- CP custom-market producer interest category
- DR dealer or rental company interest category
- U user interest category
- G general-interest interest category