

Minutes
Fog and Smoke Working Group
Friday, 23 July 2010
Dallas/Ft. Worth Marriott Solana
Westlake, TX

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

Recording secretary: Karl G. Ruling; ESTA

Members attending:

M. Brad Dittmer; Downhome Productions; P; U
Mike Wood; Mike Wood Consulting LLC; P; G
Paul Jordan; NBC Universal; P; U
Ron Bonner; PLASA; P; G
Mark Elliott; Walt Disney Company; P; U

Visitors: None

1 Opening remarks

Larry Schoeneman called the meeting to order at 19:00. He thanked Brad Dittmer for running the meeting at USITT.

2 Attendance and membership

2.1 Introductions of those present

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

2.2 Determination of quorum

There were six voting members present at the start of the meeting. Schoeneman announced that a quorum was present.

2.3 Recognition of alternate voting members

There are no alternate voting members in the working group, so there were none to recognize.

2.4 Requirements for membership

Larry 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.

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

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

Don Phillips; Ultratec Special Effects Inc.

Larry Schoeneman announced that Don Phillips is now an observer due to his lack of regular meeting attendance.

2.7 Consensus body

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

Name	Company	Representing (This is the primary sort field.)	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
Paul Jordan	NBC Universal	NBC Universal	P	U
Ron Bonner	PLASA	PLASA	P	G
Eric Tishman	Rosco Laboratories	Rosco Laboratories	P	MP
Mark Elliott	Walt Disney Company	Walt Disney Company	P	U
		Total votes possible	9	
		Votes by interest categories	0	CP
			1	MP
			1	DR
			5	U
			2	G
			0	DE

3 Approval of minutes from the previous meeting, the meeting of 31 March 2010

See FSmin03-2010.pdf

Ron Bonner moved that the draft minutes be accepted as written. The motion was seconded and then approved with a show of hands.

4 Approval of agenda

Larry Schoeneman added under "New business" discussions of staff voting rights and possible work on a smoke standard.

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

5 Reading of the call for patents

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

"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."

No protected intellectual property was reported.

6 Reading of the anti-trust statement

Read aloud to the assembly by Larry Schoeneman, the chairman:

"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, help up some of the easy-to-read pamphlets to show that they were available. No one asked for a copy, and no one reported any restraint of trade problems.

7 Old Business

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

It's published. There was no news about it, and no motions were offered on it.

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

Progress toward acceptance.

Karl Ruling reported that motion to accept it was on the ESTA Board's agenda.

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

It's published. There was no news about it, and no motions were offered on it.

7.4 BSR E1.40, dust effects

Consideration of second draft. See E1-40DustDraft0-3_30Jun2010.pdf.

Mike Wood explained the changes that had been made since the LDI meeting to the draft standard. There was a discussion of fuller's earth and its position in the standard.

Brad Dittmer moved that the draft be offered for public review. The motion was seconded. The question will be decided by letter ballot.

8 New business

8.1 Staff voting

There was a discussion of whether staff should be allowed working group voting membership. It was noted that Ron Bonner now represents PLASA on this working group and many others. After the ESTA/PLASA merger, the TSP will be part of PLASA and he will be staff. It would be a disadvantage to lose his vote, since he represents a large European constituency that cannot easily attend TSP meetings in the US.

No motions were offered.

8.2 Smoke standard

Larry Schoeneman asked if we wanted to work on a standard for smoke effects. There was discussion. Karl Ruling explained that smoke is a very complicated mixture compared to fog. With a good fog machine, the fog created is the same as the fluid that goes into the machine. With smoke, the heat and combustion creates lots of new compounds, and the compounds that are created are a function of the initial starting materials and the conditions of the fire, which are highly variable. Mike Wood said that no one had requested a smoke one yet.

No motions were offered.

9 Other business

None.

10 Liaison Reports

10.1 PLASA

Ron Bonner noted the parallel between the studies modeling the fire on stage and the activation of sensors triggering fire safety curtains and smoke doors and the experience people have with fog setting off smoke detectors. The movement of air in fly lofts is complicated.

10.2 NFPA

No report.

11 Schedule for future meetings

Larry Schoeneman announced that the next working group meeting is scheduled for Saturday, 23 October 2010, from 9:00 to 11:00, at the Las Vegas Hilton.

12 Adjournment

Ron Bonner moved that the meeting adjourn. The motion was seconded. Hearing no objections, Larry Schoeneman declared the meeting adjourned at 19:47.

Fog & Smoke Membership and Contact Information as of 13 August 2010

Name	Company	Representing (This is the primary 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
Paul Jordan	NBC Universal	NBC Universal	P	U
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

Name	Company	Representing (This is the primary sort field.)	Voting status	Int. cat.
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	O	G
Colin Waters	TMB	TMB	O	G
Adrian Segeren	Ultratec Special Effects Inc.	Ultratec Special Effects Inc.	O	MP
Don Phillips	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	P	U

Key to codes:

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