

Minutes
Fog and Smoke Working Group
Wednesday, 31 March 2010
Marriott Kansas City Downtown
Kansas City, MO

Presiding chairman:

M. Brad Dittmer; Downhome Productions; P; U

Recording secretary:

Karl G. Ruling; ESTA

Members attending:

Wendy Holt; AMPTP/CSATF, representing the Alliance of Motion Picture and Television Producers; P; U

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

Ron Bonner; PLASA; P; G

Eric Tishman; Rosco Laboratories; P; MP

Mark Elliott; Walt Disney Company (the Walt Disney Company); P; U

Visitor: Alan Rowe; IATSE Local 728

1 Opening remarks

Brad Dittmer called the meeting to order at 13:00. He welcomed all to Kansas City

2 Attendance and membership

2.1 Introductions of those present

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

2.2 Determination of quorum

Brad Dittmer noted that a quorum was present. Working group business could be conducted.

2.3 Recognition of alternate voting members

There were none to recognize.

2.4 Requirements for membership

Dittmer 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

Mark Elliot asked to be made a principal voting member. Wendy Holt so moved. The motion was seconded and then approved with a show of hands.

Paul Jordan of NBC Universal submitted an application to join as a principal voting member in the user interest category. Eddie Kramer moved that his application be accepted. 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:

None.

2.7 Consensus body

The full consensus body, including those not present, 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
Don Phillips	Ultratec Special Effects Inc.	Ultratec Special Effects Inc.	P	MP
Mark Elliott	Walt Disney Company	Walt Disney Company	P	U
		Total	10	
			0	CP
			2	MP
			1	DR
		Subtotals by interest categories	5	U
			2	G
			0	DE

3 Approval of minutes from the previous meeting, the meeting of January 2010

See FSmin01-2010.pdf.

Eddie Kramer 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

Wendy Holt moved that the draft agenda be approved. 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 chairman, Brad Dittmer:

"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 brought to the attention of the assembly.

6 Reading of the anti-trust statement

The following statement was read aloud to the assembly by the chairman, Brad Dittmer:

"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 that copies were available.

No restraint of trade issues were brought to the attention of the assembly.

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 on it.

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

Progress toward acceptance vote.

Karl Ruling reported that a letter ballot had been sent to working group voting members. He encouraged them to vote.

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 taken on E1.29.

There was a discussion of whether UL knows the standard exists. Ruling said they should, since they gave us copies of the UL Humidifier standard to review and to cite in E1.29.

7.4 BSR E1.40, dust effects

Consideration of first draft. See RecommendationFrDust_Propsl.pdf and E1-40DustDraft0-1_08Mar2010.pdf
Mike Wood asked if this is the style of document wanted? He noted that it's chatty. The consensus was that the style was fine.

Eddie Kramer asked for some text recommending that the audience be notified of the use of a dust effect. Mike Wood said he'll add the note.

Eddie Kramer then asked about the size of dust particles. What makes something dust and not grit?
Ruling said he would do some research to see if there is a definition of dust by particle size.

There was a discussion of how to solicit more comments. Wood said that he expects to receive written comments from Greg Meeh and Monona Rossol, and he will try to incorporate them into a revised document for the next Fog & Smoke Working Group meeting.

8 New business

None.

9 Other business

9.1 LDI sessions

Is there anything we want to offer?

It was suggested that we could do a session on ANSI E1.23, with the panelists being Brad Dittmer, Eric Tishman, and Karl Ruling.

9.2 Other other business

Eric Tishman reported that AGMA has objected to fog use at the New York Metropolitan Opera. However, the concentration of fog chemicals in the air was measured per "A Test Is Worth a Thousand Words" with AGMA representatives present, and exposure for performers was found to be well below recognized guidelines.

10 Liaison Reports

10.1 PLASA

No news, reported Ron Bonner.

10.2 NFPA

No report from Larry Schoeneman

11 Schedule for future meetings

Wendy Holt announced that the next working group meeting is scheduled for the evening of Friday, July 23 at the Marriott Solana in Westlake, TX.

12 Adjournment

Wendy Holt moved that the meeting adjourn. The motion was seconded and then approved with a unanimous show of hands. Brad Dittmer declared the meeting adjourned at 13:57.

Working Group Membership and Contact Information as of 6 April 2010

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
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
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	O	G
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

Name	Company	Representing (This is the sort field.)	Voting status	Int. cat.
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	D	designer interest category
I	individual voting member	DR	dealer or rental company interest category		
O	observer, non-voting	U	user interest category		