

Minutes
Fog and Smoke Working Group
27 July 2002
Dallas/Ft. Worth Airport Marriott South
Ft. Worth, TX

Chairman: Larry Schoeneman; Interesting Products, Inc.; principal; producer

Recording secretary: Karl G. Ruling; ESTA

Members attending: M. Brad Dittmer; Downhome Productions; principal; user
Mike Wood; High End Systems Inc.; principal; producer
Edwin S. Kramer; I.A.T.S.E, Local 1; principal; user (arrived late)
Patrick Boyd; Jauchem & Meeh, Inc.; alternate; user (joined at this meeting)
Adrian Segeren; Le Maitre Special Effects; principal; producer
Marc Gingras; MDG Fog Generators Ltd.; principal; producer
Tim Cox; PLASA; principal; general interest
Nathan Kahn; Theatre Effects, Inc.; principal; producer
Bill Hektner; USITT ; principal; general interest

1 Opening remarks

Larry Schoeneman called the meeting to order at 19:03.

2 Attendance and membership

2.1 Introductions of those present

Schoeneman asked those present to introduce themselves, which they did.

2.2 Determination of quorum

Schoeneman looked around the room and determined that the meeting had a quorum.

2.3 Recognition of alternate voting members

At this time in the meeting, there were no alternates to recognize. (Patrick Boyd was voted in as an alternate later.)

2.4 Requirements for membership

Schoeneman reminded people that membership is open to all who are affected by the work of the group. Membership in ESTA is not a requirement. However, voting members need to attend meetings regularly. Except for organizational members, a member's voting status will be changed to observer if he and his alternate miss two consecutive meetings, pending attendance at another meeting and reapplication.

2.5 Processing of new membership applications

David Honigs of Theatre Effects, Inc. applied as Nathan Kahn's alternate
Patrick Boyd of Jauchem & Meeh, Inc. applied as an alternate for Greg Meeh

Brad Dittmer moved that the applications be accepted. The motion was seconded. The motion was approved unanimously with a show of hands. (Edwin S. Kramer was not yet present.) The meeting now had nine voting members present out of a voting body of 16.

2.6 Processing of changes to observer status

Larry Schoeneman announced that Martin Becker of Reel EFX is now an observer. This reduced the voting body to 15.

The complete voting body, including those not present, was thus:

Name	Company	Representing	Voting status	Interest category
Murray Gellatly	A.C. Lighting Ltd.	A.C. Lighting Ltd.	P	G
F. Lee Iwanski	Big Apple Lights	Big Apple Lights	P	U
Gary Fails	City Theatrical, Inc.	City Theatrical, Inc.	P	P
M. Brad Dittmer	Downhome Productions	Downhome Productions	P	U
Mike Wood	High End Systems Inc.	High End Systems Inc.	P	P
Lowell Fowler	High End Systems Inc.	High End Systems Inc.	A	P
Byron Ziegler	High End Systems Inc.	High End Systems Inc.	A	P
Edwin S. Kramer	I.A.T.S.E, Local 1	I.A.T.S.E. Local 1	P	U
Larry Schoeneman	Interesting Products, Inc.	Interesting Products, Inc.	P	P
Greg Meeh	Jauchem & Meeh, Inc.	Jauchem & Meeh, Inc.	P	U
Patrick Boyd	Jauchem & Meeh, Inc.	Jauchem & Meeh, Inc.	A	U
Adrian Segeren	Le Maitre Special Effects	Le Maitre Special Effects	P	P
Marc Gingras	MDG Fog Generators Ltd.	MDG Fog Generators Ltd.	P	P
Martin Michaud	MDG Fog Generators Ltd.	MDG Fog Generators Ltd.	A	P
Tim Cox	PLASA	PLASA	P	G
Tony Douglas-Beveridge	PLASA	PLASA	A	G
Eric Tishman	Rosco Laboratories	Rosco Laboratories	P	P
Nathan Kahn	Theatre Effects, Inc.	Theatre Effects, Inc.	P	P
David Honigs	Theatre Effects, Inc.	Theatre Effects, Inc.	A	P
Bill Hektner	USITT	USITT	P	G
Florian von Hofen	VPLT	VPLT	P	G
Eckart Steffens	SOUNDLIGHT	VPLT	A	G
Günther Schaidt	Safex Chemie	VPLT	A	G
			7	P
			4	U
			4	G

3 Approval of minutes from the previous meeting

Mike Wood moved that the minutes be approved as written. The motion was seconded. The motion was approved unanimously by a show of hands. (Kramer was not yet present.)

4 Approval of agenda

Tim Cox moved that the draft agenda be approved. The motion was seconded. The motion was approved unanimously by a show of hands. (Kramer was not yet present.)

5 Reading of the call for patents:

The following was read aloud by Larry Schoeneman:

"ESTA intends to publish no standard that contains protected intellectual property, unless that property can be licensed by anyone for a reasonable fee. ESTA uses a process of open patent disclosures to implement this intent. ESTA does not conduct patent searches and does not warrant that its standards contain no protected intellectual property.

"In keeping with the open disclosure policy, I ask if anyone present wishes to notify the working group of the existence of a patent or copyright that might protect material in a standard being developed by the working group. You need not be the holder of the patent or copyright in order to notify the working group of its existence."

No protected intellectual property issues were brought to the attention of the assembly.

6 Reading of the anti-trust statement

The following was read aloud by 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 \$100,000 and imprisoned for up to three years. An easy to read pamphlet describing restraint of trade issues is available from the Technical Standards Manager."

No protected anti-trust issues were brought to the attention of the assembly.

7 Task group and committee reports

7.1 TSC

Larry Schoeneman reported that he had reported to the TSC about the fog product stewardship implementation and the Protocol article he was writing about it.

7.2 Fog standard E1.5

Tim Cox moved that we accept the draft comment resolutions for the first public review (F&S/2002-3004). The motion was seconded. By a show of hands the motion was approved unanimously, satisfying the supermajority requirement. (Kramer was not yet present.)

Mike Wood moved that the revised version of BSR E1.5 (F&S/1997-3017r7.5) be sent to a second public review. The motion was seconded. The motion was accepted with a supermajority of eight out of a voting body of 15 by a roll call ballot:

Name	Company	Representing	Voting status	Interest cat.	Accept	Accept in principle	Accept in part	Reject	Abstain
Murray Gellatly	A.C. Lighting Ltd.	A.C. Lighting Ltd.	P	G	0	0	0	0	0
F. Lee Iwanski	Big Apple Lights	Big Apple Lights	P	U	0	0	0	0	0
Gary Fails	City Theatrical, Inc.	City Theatrical, Inc.	P	P	0	0	0	0	0
M. Brad Dittmer	Downhome Productions	Downhome Productions	P	U	1	0	0	0	0
Mike Wood	High End Systems Inc.	High End Systems Inc.	P	P	1	0	0	0	0
Edwin S. Kramer	I.A.T.S.E. Local 1	I.A.T.S.E. Local 1	P	U	0	0	0	0	0
Larry Schoeneman	Interesting Products, Inc.	Interesting Products, Inc.	P	P	1	0	0	0	0
Patrick Boyd	Jauchem & Meeh, Inc.	Jauchem & Meeh, Inc.	P	U	1	0	0	0	0
Adrian Segeren	Le Maitre Special Effects	Le Maitre Special Effects	P	P	1	0	0	0	0
Marc Gingras	MDG Fog Generators Ltd.	MDG Fog Generators Ltd.	P	P	0	0	0	1	0
Tim Cox	PLASA	PLASA	P	G	1	0	0	0	0
Eric Tishman	Rosco Laboratories	Rosco Laboratories	P	P	0	0	0	0	0
Nathan Kahn	Theatre Effects, Inc.	Theatre Effects, Inc.	P	P	1	0	0	0	0
Bill Hektner	USITT	USITT	P	G	1	0	0	0	0
Florian von Hofen	VPLT	VPLT	P	G	0	0	0	0	0
Eckart Steffens	SOUNDLIGHT	VPLT	A	G	0	0	0	0	0
Günther Schaidt	Safex Chemie	VPLT	A	G	0	0	0	0	0
					8	0	0	1	0

Brad Dittmer moved that we accept the resolutions offered in "Responses to the Comments on the Fog & Smoke Working Group RECIRCULATED Ballot (F&S/2002-3009) to Accept Comment Resolutions, Revised BSR E1.5, and to Send BSR E1.5 to Public Review" (F&S/2002-3011). The motion was seconded. The motion was approved by a supermajority show of hands of eight in favor, and one against out of a total voting body of 15.

7.3 Generic fog effect guidance project

Larry Schoeneman reported that this document is not finished, but that it has been started.

8 Old Business

Larry Schoeneman reported that he couldn't find to whom to send the fire alarm letter he was assigned to write at the last meeting. He sent two letters to the special effects committee secretary, but got no response. He will look for others in NFPA for guidance.

9 Liaison Reports

9.1 PLASA

Tim Cox reported no new controversy.

9.2 VPLT

Neither Von Hofen nor Steffens was present. No report.

9.3 The Kramer and Fails Report

Eddie Kramer was present to report that there has been some ongoing fog monitoring by Equity, and that some machines have been moved and cues have been changed to keep the exposure for performers below ceiling limits.

9.4 NFPA – Schoeneman or Ruling

(See the fire alarm letter report under old business.)

10 New business

None.

11 Other business

The ESTA fog testing program was discussed. Eddie Kramer described the experiments at the Radio City Music Hall. The audible alarm on the CO2 machine kept it from being used. Kramer suggested that no alarm was acceptable. The monitor must be silent. Karl Ruling said he'd look for a silent, portable monitor, but he was not hopeful of finding one, since portable CO2 monitors are designed to protect workers from atmospheres that are immediately hazardous to life.

The LDI fog session was discussed. Participants shall be Mike Wood, Karl Ruling, and Brad Dittmer. Mike Wood will supply a fog machine.

12 Schedule for future meetings

Larry Schoeneman announced that the next meeting will be Saturday, 19 October at 7:00 in the morning at the Las Vegas Hilton. The following one will be Saturday, 18 January 2003 at 19:00 at this hotel, the Dallas/Ft. Worth Airport Marriott South.

13 Adjournment

Mike Wood moved that the meeting adjourn. The motion was seconded. The motion was accepted unanimously with a show of hands. Schoeneman declared the meeting adjourned at 21:08.

Working Group Membership and Contact Information as of 2002-10-1

Name	Company	Representing	Voting status	Interest category
Murray Gellatly	A.C. Lighting Ltd.	A.C. Lighting Ltd.	P	G
Patrick O'Rourke	Big Apple Lights	Big Apple Lights	O	U
F. Lee Iwanski	Big Apple Lights	Big Apple Lights	P	U
Gary Crawford	C.I.T.C.	C.I.T.C.	O	P
Gary Fails	City Theatrical, Inc.	City Theatrical, Inc.	P	P
M. Brad Dittmer	Downhome Productions - Springfield, MO	Downhome Productions	P	U
Norman Wright	Group One Ltd.	Group One	O	P
Mike Wood	High End Systems Inc.	High End Systems Inc.	P	P
Lowell Fowler	High End Systems Inc.	High End Systems Inc.	A	P
Byron Ziegler	High End Systems Inc.	High End Systems Inc.	A	P
Edwin S. Kramer	I.A.T.S.E, Local 1	I.A.T.S.E. Local 1	P	U
Larry Schoeneman	Interesting Products, Inc.	Interesting Products, Inc.	P	P
Jack Suesse	J.R. Clancy, Inc.	J.R. Clancy, Inc.	O	G
Greg Meeh	Jauchem & Meeh, Inc.	Jauchem & Meeh, Inc.	P	U
Patrick Boyd	Jauchem & Meeh, Inc.	Jauchem & Meeh, Inc.	A	U
Adrian Segeren	Le Maitre Special Effects	Le Maitre Special Effects	P	P
Marc Gingras	MDG Fog Generators Ltd.	MDG Fog Generators Ltd.	P	P
Martin Michaud	MDG Fog Generators Ltd.	MDG Fog Generators Ltd.	A	P
Monona Rossol	Arts, Crafts & Theater Safety	Monona Rossol	O	G
Kent H. Jorgensen	MPS Grips, Local 80	MPS Grips, Local 80	O	G
Tony Douglas-Beveridge	PLASA Standards Office	PLASA	A	G
Tim Cox	PLASA	PLASA	P	G
Robert Barbagallo	Proximo Inc.	Proximo Inc.	O	U
Douglas Franz	QVC Network	QVC Network	O	U
Jim Gill	Reel EFX, Inc.	Reel EFX	O	P
Martin Becker	Reel EFX, Inc.	Reel EFX	O	P
Eric Tishman	Rosco Laboratories	Rosco Laboratories	P	P
Heinz Siller	RST Präsentationssysteme	RST Präsentationssysteme	O	G
Beverly Huggins	SFX Design, Inc.	SFX Design, Inc.	O	P
Nathan Kahn	Theatre Effects, Inc.	Theatre Effects, Inc.	P	P
David Honigs	Theatre Effects, Inc.	Theatre Effects, Inc.	A	P
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	O	G
Thomas Costello	TJC and Associates	TJC and Associates	O	G
Colin Waters	TMB	TMB	O	G
James F. Foley	UCISCO, Inc.	UCISCO, Inc.	O	P
Bill Hektner	USITT	USITT	P	G
Florian von Hofen	VPLT	VPLT	P	G
Eckart Steffens	SOUNDLIGHT	VPLT	A	G
Gunther Schaidt	Safex Chemie	VPLT	A	G
Mark Elliott	Walt Disney Company	Walt Disney Company	O	U
Michael Zilz	Zilz International GmbH	Zilz International GmbH	O	G
		Voters	7	P
			4	U
			4	G
		Observers	5	P
			4	U
			8	G

Voting Status

- P Principal voting representative for a company or organization
- A Alternate voting representative for a company or organization
- I Individual representing no organization other than himself or herself
- O Observer; non-voting

Interest Categories

- P Producer (manufacturer) of fog or smoke effects
- U User of fog or smoke effects
- G General interest