

Minutes
Fog & Smoke Working Group
Thursday, October 05, 2023
Marriott D/FW Westlake

Chairpersons:

Steve Vanciel; Steve Vanciel; P; DE (presiding)

Recording secretaries:

Richard Nix & Karl Ruling (ESTA)

Attendees:

Daniel Ayers; StageRight Services LLC; P; DE
Margaret Burke, MPH; Warner Brothers Discovery; P; U
Mona Shum; Aura Health and Safety Corporation; I; U
Mike Skinner; Contract Services Administration Trust Fund; A; U
Keith Sklar; Actors' Equity Association; P; G
Nathan Wilkinson; Actors' Equity Association; A; G
Dean Wilson; Look Solutions, USA; P; MP

Visitors:

Nick Saika, Elation
Joe Olaerts, Elation
Alan Rowe; I.A.T.S.E. Local 728, TSC Co-chairperson

1 Opening Remarks

Steve Vanciel called the meeting to order at 12:04. He said there isn't much to say except that it's raining in Florida, and that he's just returned from Okinawa, so is still adjusting to the time zone changes. If he falls asleep, Karl will need to take over.

2 Patent and anti-trust statements

2.1 Reading of the anti-trust statement

Steve Vanciel read the following statement aloud to the assembly:

ESTA and its members take seriously their obligation to comply with all applicable antitrust laws. Therefore, during this meeting and during all ESTA events, all discussions will be limited to those subjects that are permitted by the antitrust laws. All members should refrain from any discussion or mention of competitively sensitive subjects such as the current or future prices charged for any member product or services, current or future marketing plans or strategies, and current or future costs, including employee salaries. There also must be no agreement on the suppliers or customers that members will or will not do business with or the markets in which members will conduct business.

Violations of the antitrust laws can have serious consequences. If you have any questions or concerns about anything that is discussed at an ESTA meeting, please bring your concern to ESTA management. An easy to read pamphlet describing the antitrust laws is available from the ESTA staff.

Richard Nix held up the pamphlet for all to see.

2.2 Reading of the call for patents

Steve Vanciel read the following statement aloud to the assembly:

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, patent application, copyright, or other protected 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.

3 Attendance and Membership

3.1 Requirements for membership

Steve Vanciel read the following statement aloud to the assembly:

Membership is open to all parties who are affected by the work of the group; membership in ESTA is not a requirement, but there is a \$100/person/year participation fee to help fund the costs of running the Technical Standards Program. New applications shall not be processed until the participation fee is paid. Voting members are required to attend meetings and vote on letter ballots. Any principal member and alternate that both miss three consecutive meetings or that miss three consecutive letter ballots will have their membership status changed to observer. This action will be taken at the beginning of the first meeting after such inaction and will be recorded in the minutes of that meeting.

3.2 Introduction of attendees

Everyone introduced themselves.

3.3 Determination of a quorum

A quorum is five voting members, a supermajority is seven voting members.

Richard Nix announced that both requirements had been met.

3.4 Processing of new membership and status change requests

There are none

3.5 Changes to observer status for inactivity

The following voting entities' representatives have missed two consecutive meetings. Their status will be changed to Observer if they are not present at this meeting:

Joseph Kapp; WSP USA Corp.

Joe was not present, so his status was changed as noted.

3.6 Consensus body before any changes resulting from meeting action.

Name	Representing	Status	Int Cat
Keith Sklar	Actors' Equity Association	P	G
M. Nathan Wilkinson	Actors' Equity Association	A	G
Clark James	Alliance of Special Effects and Pyrotechnic Operators (ASEPO)	P	U
Mona Shum	Aura Health and Safety Corporation	I	U
Matthew Antonucci	Contract Services Administration Trust Fund	P	U
Chris Moulton	Contract Services Administration Trust Fund	A	U
Mike Skinner	Contract Services Administration Trust Fund	A	U
Edwin S. Kramer	I.A.T.S.E. Local 1	P	DE
Marco Robles	I.A.T.S.E. Local 80	P	U

Name	Representing	Status	Int Cat
Dean Wilson	Look Solutions, USA	P	MP
Daniel Ayers	StageRight Services LLC	P	DE
Stephen Vanciel	Stephen Vanciel	P	DE
Karl G. Ruling	Unit 12 Productions	I	CP
Margaret Burke	Warner Brothers Discovery Park	P	U
Total votes possible		11	
Custom market producer	Votes by interest category	1	CP
Designer		2	DE
Dealer/Rental company		0	DR
General interest		2	G
Mass marker producer		1	MP
User		5	U

4 Approval of the minutes from the last meeting

[See FSmin07-2023_DRAFT.pdf]

Daniel Ayers moved to approve the minutes. The motion was seconded and carried without objections or abstentions.

5 Approval of agenda

Dan Ayers moved to approve the agenda. The motion was seconded and carried without objections or abstentions.

6 Old Business

6.1 ANSI E1.5 – 2009 (R2018), Entertainment Technology - Theatrical Fog Made with Aqueous Solutions of Di- and Trihydric Alcohols (Reaffirmation, revision, or withdrawal by 29 November 2023)

Action must be taken at this meeting.

Karl Ruling asked the people who knew the most if anything needed to change. Mona said “No.”

Karl then moved to reaffirm the standard. The motion was seconded. A public review will commence after the BSR8 is filed, with the letter ballot following close of public review, provided the review yields no actionable comments.

6.2 ANSI E1.14 – 2018 (R2023), Entertainment Technology—Recommendations for Inclusions in Fog Equipment Manuals (Revise, reaffirm, or withdraw by 16 May 2028).

6.3 BSR E1.23 - 202x, Entertainment Technology - Design and Execution of Theatrical Fog Effects

By the time this working group meets, the public review will have ended on 26 September.

Karl Ruling said there were no public review comments, so we could either decide to make revisions and send it to another public review, or move to approve as an ANS.

Mike Skinner moved to approve as an ANS. The motion was seconded. A letter ballot will commence soon after the meeting minutes are distributed.

6.4 ANSI E1.29 – 2009 (R2018), 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 06 November 2023)

Action must be taken at this meeting.

Karl Ruling gave a brief history of this standard's evolution. He said the project was originally proposed by Rosco, and may be used as part of a UL approval process. Rosco is no longer on the TSP, so we could choose to reaffirm it, or withdraw it.

Dan Ayers moved to reaffirm it. The motion was seconded. A public review will commence after the BSR8 is filed, with the letter ballot following close of public review, provided the review yields no actionable comments.

6.5 ANSI E1.40 – 2016 (R2021), Recommendations For the Planning of Theatrical Dust Effects (Reaffirmation, revision, or withdrawal by 9 September 2026)

Any news or action? No.

6.6 Introduction to Modern Atmospheric Effects, 6th edition

Any news or action? No.

7 New business

8 Other business and announcements

8.1 Above & Beyond Awards

Information about the Above & Beyond Awards may be found at http://tsp.esta.org/tsp/news/award_recipients.html.

8.2 Other announcements

9 Schedule for future meetings

The full meeting schedule is posted at <http://www.esta.org/ESTA/meetings.php>. Winter meetings will return to Anaheim, CA in conjunction with the NAMM Show 2024, during the week of 22 January 2024. Spring meetings will be held in conjunction with the USITT Conference, in Seattle, WA during the week of 18 March 2024. Summer meetings will co-locate with NATEAC, in New York City in July of 2024. Fall meetings will likely return to Westlake, TX.

Richard Nix said that NATEAC is looking for presentation materials, and suggested that ventilation might be an interesting topic. If anyone has suggestions, go to ESTA's home page, and click the NATEAC banner to submit a proposal.

10 Adjournment

The agenda business being completed, with no other business having been brought forth, Steve Vanciel declared the meeting adjourned at 12:27 Central Time.

Working Group roster as of 05 October 2023

Name	Representing	Status	Int cat
Matthew Antonucci	Contract Services Administration Trust Fund	P	U
Daniel Ayers	StageRight Services LLC	P	DE
Robert Barbagallo	Solotech Inc.	O	U
Paul Beasley	Walt Disney Company	O	U
Justin Bennett	University of the Incarnate Word	O	U
Brad Dittmer	Stage Labor of the Ozarks	O	U
Jeff Egan	NBC Universal	O	U
Jerry Gorrell	Theatre Safety Programs	O	G
Robert Haycock	Robert Haycock	O	U
Clark James	Alliance of Special Effects and Pyrotechnic Operators (ASEPO)	P	U
Nathan Kahn	Look Solutions USA Ltd.	O	MP
Joseph Kapp	WSP USA Corp.	O	G
Edwin S. Kramer	I.A.T.S.E. Local 1	P	DE
Tyler Mickley	Look Solutions, LLC.	O	MP
Chris Moulton	Contract Services Administration Trust Fund	A	U
Margaret Burke, MPH	Warner Brothers Discovery	P	U
Marco Robles	I.A.T.S.E. Local 80	P	U
Karl G. Ruling	Unit 12 Productions	I	CP
Larry Schoeneman	Larry Schoeneman	O	G
Ford Sellers	Chauvet Lighting	O	MP
Mona Shum	Aura Health and Safety Corporation	I	U
Mike Skinner	Contract Services Administration Trust Fund	A	U
Keith Sklar	Actors' Equity Association	P	G
Marnie Styles	Ultratec Special Effects Inc.	O	MP
Stephen Vanciel	Stephen Vanciel	I	G
Colin Waters	TMB	O	G
Nathan Wilkinson	Actors' Equity Association	A	G
Dean Wilson	Look Solutions, USA	P	MP

Key to codes

CP = Custom market producer

DE = Designer

DR = Dealer/Rental company

Working Group roster as of 05 October 2023

- G = General interest
- MP = Mass marker producer
- U = User

- P = Principal voting member
- A = Alternate voting member
- I = Individual voting member
- O = Observer non-voting member