

Minutes
Fog & Smoke Working Group
5 July 2017
13:00 to 15:00 EDT
Via WebEx

Members attending:

Matthew Antonucci, Contract Services Administration Trust Fund, P, U
Brad Dittmer, Stage Labor of the Ozarks, P, U (logged in late)
Mark Elliott, Walt Disney Company, P, U
Paul Jordan, NBC Universal, P, U
Edwin S. Kramer, I.A.T.S.E. Local 1, P, DE
Karl G. Ruling, Unit 12 Productions, I, CP
Stephen Vanciel, IATSE Local 631, P, U
Mike Wood, Mike Wood Consulting LLC, P, G

Recording secretaries: Erin Grabe and Karl Ruling, ESTA staff

There were no visitors.

1 Opening remarks

Neither of the working group leaders was on-line at the beginning of the meeting. With the consent of the working group members present, Karl Ruling served as chairman and called the meeting to order at 13:05.

2 Attendance and membership

2.1 Introductions of those present

Karl Ruling noted that all those on-line were known members. Introductions were omitted.

2.2 Determination of quorum

There are currently 9 possible votes. A quorum is 3; supermajority is 5.

Ruling noted that at the top of the meeting seven voting members were present. Business could be conducted that required a supermajority vote.

2.3 Recognition of alternate voting members

2.4 Requirements for membership

The following statement was read aloud to the assembly by Karl Ruling:

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 three consecutive letter ballots or three consecutive meetings are missed. 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. There is a \$100 per person per year participation fee.

2.5 Processing of new membership applications and change in status requests

As of 30 May 2017, no applications or status changes were received. Members moved to Observer status and wishing to be accepted as voters should voice their request at this time.

There were no applications or voting status change requests to process.

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

Stephen Vanciel, IATSE Local 631, has missed the last two meetings and will be moved to observer status if this meeting is also missed.

Vanciel was present, so he maintained voting status.

2.7 Consensus body

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

Delegate	Representing	Voting status	Int. cat.
Matthew Antonucci	Contract Services Administration Trust Fund	P	U
Edwin S. Kramer	I.A.T.S.E. Local 1	P	DE
Peter T. Donovan	I.A.T.S.E. Local 1	A	DE
Stephen Vanciel	IATSE Local 631	P	U
Mike Wood	Mike Wood Consulting LLC	P	G
Paul Jordan	NBC Universal	P	U
Brad Dittmer	Stage Labor of the Ozarks	P	U
Marnie Styles	Ultratec Special Effects Inc.	P	MP
Don Phillips	Ultratec Special Effects Inc.	A	MP
Karl G. Ruling	Unit 12 Productions	I	CP
Mark Elliott	Walt Disney Company	P	U
	Total	9	
	Subtotals by interest categories	1	CP
		1	DE
		0	DR
		1	G
		1	MP
		5	U

3 Approval of minutes from the previous meeting

See FSmin07-2016.pdf

Mike Wood moved that the minutes be approved as written. The motion was seconded and then approved with a unanimous voice vote.

4 Approval of agenda

Ruling asked that we add an item to address Justin Cicerone's negative comments on E1.14.

Mark Elliott moved to approve the agenda as amended. The motion was seconded. There were no objections or abstentions; the motion carried unanimously by voice votes.

5 Reading of the call for patents

The following statement was read aloud to the assembly by Karl Ruling:

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 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 Karl Ruling:

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 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.

Ruling explained that there is a new, orange "easy to read pamphlet." Hard copies would be available at the meetings later in July in Texas. It includes prohibitions against negative comment campaigns.

7 Old Business

7.1 ANSI E1.14 - 2001 (R2013), Entertainment Technology - Recommendations for Inclusions in Fog Equipment Manuals

7.1.1 Results of reaffirmation vote and public review

No public review comments. See BSR_E1-14_RevwSmmry.pdf.

The reaffirmation motion failed with a supermajority of the votes being "No." The No votes mentioned the need to revise the standard. (See WG_E1-14_FINAL_BallotResults_2017-3002r1.pdf.) ESTA staff have taken the No votes with comments saying the standard should be revised as a vote to revise the standard. Accordingly, a PINS announcing the revision was filed with ANSI on 31 May 2017.

7.1.2 Response to Justin Cicerone's objections to E1.14

Mike Wood suggested we address Justin Cicerone's objections before we discuss a revision of E1.14.

The working group noted that the standards Cicerone cited (UL 998; CSA C.22.2 No. 104.01, EN 60 335-1+A15; and EN 6223) are not relevant to this standard for instruction manuals. They are product certification standards, and have no bearing on E1.14. E1.14 specifies the contents of equipment manuals; it does not specify testing or performance requirements for product certification.

Mike Wood moved that the above be our response to Justin Cicerone. The motion was seconded and unanimously approved on a voice vote.

7.1.3 Consideration of a revised standard and possible public review

See BSR_E1-14_201x.pdf and supporting document, UltratecSafetyBook.pdf.

Karl Ruling asked what the working group would like to do with this draft standard. Think about it, modify it, or offer it for public review?

Eddie Kramer said he had some changes he wanted made to the r4 draft:

- 3.2 Delete “paper, sheet metal, or other” and simply cite “a suitable substrate.”
- add 5.7.4 to require an email address and website for additional information.

Karl Ruling modified the draft standard, thus making an r5 draft.

Mike Wood moved to offer the r5 draft for public review. The motion was seconded. The motion carried unanimously by voice votes, with no objections or abstentions. This was a supermajority of the working group voting for public review of a revision. Karl Ruling said that the TSC would need to approve of the public review first.

7.2 ANSI E1.5 – 2009 (R2014), Entertainment Technology - Theatrical Fog Made with Aqueous Solutions of Di- and Trihydric Alcohols (Reaffirmation, revision, or withdrawal by 9 June 2019)

No news or action at this time.

7.3 ANSI E1.23 – 2010 (R2015), Entertainment Technology - Design and Execution of Theatrical Fog Effects (Reaffirmation, revision, or withdrawal by 13 February 2020)

No news or action at this time.

7.4 ANSI E1.29 – 2009 (R2014), 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 9 June 2019)

No news or action at this time.

7.5 ANSI E1.40 – 2016, Recommendations For the Planning of Theatrical Dust Effects

(Reaffirmation, revision, or withdrawal by 16 September 2021)

No news or action at this time.

7.6 Introduction to Modern Atmospheric Effects, 5th edition

This document was updated with ESTA's information and published.

No news or action at this time.

(Brad Dittmer joined the meeting at this point in the agenda. Mike Wood left. The voting body present remained at seven, which was a supermajority.)

8 New business

None.

9 Other business

9.1 Above & Beyond Awards

Ruling noted that the nomination site is open year round at

http://tsp.esta.org/tsp/news/award_nomination.html. He urged people to nominate a deserving peer.

9.2 Other other business

9.2.1 Innova

Erin Grabe urged people to check out the INNOVA offerings at <http://www.usitt.org/ondemand/>. She suggested that people with training courses could offer them here. Ruling noted that these on-line courses generate some money for the presenters as well as USITT and ESTA.

9.2.2 Please direct people to ESTA's website for standards

Ruling asked that working group members please direct people to http://tsp.esta.org/tsp/documents/published_docs.php rather than providing copies of our standards on their own website or direct links to the published standards. There are several reasons for this.

1. The free downloads are sponsored by ProSight Specialty Insurance, which benefits from the promotion and from the opportunity people have to click on "Please send me more information about entertainment insurance." We need to earn their continued support by helping their sponsorship to return some value to them.
2. Some of the websites offering our standards are not up to date and list superseded standards as though they are the latest version. This could cause problems for the host company and our industry, because requirements in an old standard may not be the same as the requirements in a later version of that standard. Superseded standards are still available from ESTA, but they are watermarked, "Superseded," so people can get them if they need them, but it is clear that the old standards are not the current editions.
3. If you direct people to ESTA's site, they might also see the plea to help support the TSP as an Investor in Innovation. We need continuing support from the industry, and the broader that support is, the more secure we are and the less the burden is on any individual donor.
4. If you direct people to ESTA's site, they might see some other standards that will help them in their work. At a minimum, they will see the depth of the offerings and understand that there is standards work being done in a number of areas affecting our industry.

10 Liaison Reports

None.

11 Schedule for future meetings

11.1 November meetings

Ruling said these meetings are scheduled for November 15 through 20 at the Tropicana Las Vegas, 3801 Las Vegas Blvd. South, Las Vegas, NV 89109. The Fog & Smoke Working Group meeting is scheduled for 15:00 to 17:00 on Friday, November 17.

11.2 January meetings

Ruling noted that the January meetings will be held in conjunction with the NAMM Show, which will take place 25-28 January 2018 at the Anaheim Convention Center.

12 Adjournment

Steve Vanciel moved the meeting adjourn. The motion was seconded and carried unanimously by voice votes, with no objections or abstentions. Karl Ruling declared the meeting adjourned at 13:36.

Fog & Smoke Working Group Members as of 5 July 2017

Name	Company	Representing	Voting status	Int. cat.
Matthew Antonucci	Contract Services Administration Trust Fund	Contract Services Administration Trust Fund	P	U
Robert Barbagallo	Solotech Inc.	Solotech Inc.	O	U
Paul Beasley	Walt Disney Imagineering	Walt Disney Company	O	U
Justin Cicerone	Martin Professional	Harman International Industries	O	MP
Brad Dittmer	Stage Labor of the Ozarks	Stage Labor of the Ozarks	P	U
Peter T. Donovan	I.A.T.S.E. Local 1	I.A.T.S.E. Local 1	A	DE
Mark Elliott	Walt Disney Company	Walt Disney Company	P	U
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	O	G
Erin Grabe	ESTA	ESTA	exf	G
Paul Jordan	NBC Universal	NBC Universal	P	U
Kent H. Jorgensen	IATSE Local 80	IATSE Local 80	O	G
Nathan Kahn	Look Solutions USA Ltd.	Look Solutions USA Ltd.	O	MP
Edwin S. Kramer	I.A.T.S.E. Local 1	I.A.T.S.E. Local 1	P	DE
Don Phillips	Ultratec Special Effects Inc.	Ultratec Special Effects Inc.	A	MP
Karl G. Ruling	Unit 12 Productions	Unit 12 Productions	I	CP
Karl G. Ruling	ESTA	ESTA	exf	G
Larry Schoeneman	DesignLab Chicago, Inc.	DesignLab Chicago, Inc.	O	DR
Ford Sellers	Chauvet Lighting	Chauvet Lighting	O	MP
Marnie Styles	Ultratec Special Effects Inc.	Ultratec Special Effects Inc.	P	MP
Stephen Vanciel	IATSE Local 631	IATSE Local 631	P	U
Colin Waters	TMB	TMB	O	G
Mike Wood	Mike Wood Consulting LLC	Mike Wood Consulting LLC	P	G

Voting status: P = Principal; A = Alternate, I = Individual, O = Observer, exf = Ex Officio

Interest categories: DE = Designer; G = General interest; U = User; DR = Dealer or Rental company;
MP = Mass-market Producer; CP = Custom-market Producer