

MINUTES
Floors Working Group
Thursday, 19 July 2018
D/FW Marriott Solana
Westlake, TX

Presiding chair: Tim Hansen; Oasis Stage Werks; P; MP

Recording secretaries: Erin Grabe, Richard J. Nix, Karl G. Ruling; ESTA

Members attending:

William Gillett; Walt Disney Company; A; U
Jerry Gorrell; Theatre Safety Programs; P; U
Steve Gough; Harlequin Corporation; P; MP
Robert Haycock; UC Berkeley; O; U
Fred Kosiewski; Walt Disney Company; P; U
Pete Menzel; Wenger Corp.; P; MP
Karl G. Ruling; Unit 12 Productions; I; DE
Steven Serafin; Chubb Group of Insurance Companies; P; G
Keith Sklar; Actors' Equity Association; P; G
Stephen Spendiff; Rosco Laboratories; P; MP
Jeong Sik Yoo; Ghost LX; O; DE

1 Opening Remarks

Tim Hansen called the meeting to order at 19:02. He welcomed everyone to Texas, whether in person or via Webex, noting that it is over 100° F outside, but it is not that hot inside the meeting room.

2 Attendance and Membership

2.1 Introduction of those present

A blue sign-in sheet was passed around while people introduced themselves.

2.2 Call for quorum

At the start of the meeting there were eleven votes possible. A quorum was four; supermajority was six.

The voters in attendance were counted; Hansen announced we had a supermajority present.

2.3 Requirements for membership

The following statement was read aloud to the assembly by Tim Hansen:

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 running the Technical Standards Program. Voting members are required to attend meetings. Any principal member and alternate that both miss three consecutive meetings or 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.

2.4 Processing of new membership applications and status change requests

As of 20 June 2018, the following new application had been received:

Pete Menzel; Wenger Corporation; P; MP

Karl Ruling (Unit 12 Productions) moved that Menzel's application be accepted. The motion was seconded and then approved unanimously.

2.5 Changes to observer status due to lack of attendance

There are currently no voters in jeopardy of a change to Observer status due to lack of attendance.

None.

2.6 Consensus body

The full consensus body, during the time of this meeting, was:

Delegate	Representing	Voting status	Int. cat.
Keith Sklar	Actors' Equity Association	P	G
Steven Serafin	Chubb Group of Insurance Companies	P	G
Steve Gough	Harlequin Corporation	P	MP
Bob Dagger	Harlequin Corporation	A	MP
Patricia Basileo	Harlequin Corporation	A	MP
Kasper Nyboe	Harlequin Corporation	A	MP
Tim Hansen	Oasis Stage Werks	P	MP
Gary Justesen	Oasis Stage Werks	A	MP
Pete Happe	Pete Happe	I	G
Dave LaPage	Productions Unlimited, Inc.	P	DR
Robert R. Scales	Robert R. Scales	I	U
Stephen Spendiff	Rosco Laboratories	P	MP
Jerry Gorrell	Theatre Safety Programs	P	U
Karl G. Ruling	Unit 12 Productions	I	DE
Fred Kosiewski	Walt Disney Company	P	U
William Gillett	Walt Disney Company	A	U
Pete Menzel	Wenger Corp.	P	MP
	Total votes possible	12	
		0	CP
		1	DE
		1	DR
	Votes by interest categories	3	G
		4	MP
		3	U

3 Approval of the minutes from the last meeting

See *FLmin03-2018.pdf*.

Karl Ruling (Unit 12 Productions) moved that the minutes be accepted as written. The motion was seconded and then approved unanimously.

4 ESTA declarations

4.1 Reading of the anti-trust statement

The following statement was read aloud to the assembly by Tim Hansen:

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 a ESTA meeting, please bring your concern to ESTA management. An easy to read pamphlet describing the antitrust laws is available from the ESTA staff.

Karl Ruling held up copies of the easy-to-read pamphlet. No anti-trust concerns were reported.

4.2 Reading of the call for patents

The following statement was read aloud to the assembly by Tim Hansen:

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.

No protected intellectual property was reported.

5 Approval of agenda

Steve Serafin moved that the agenda be approved as written. The motion was seconded and then approved unanimously with a combination of a show of hands and voice votes.

6 Old business

6.1 ANSI E1.26 - 2006 (R2017), shock absorption of floors (Revision, reaffirmation, or withdrawal by 23 February 2022)

No news or action at this time.

6.2 ANSI E1.34 - 2009 (R2014) floor slipperiness (Revision, reaffirmation, or withdrawal by 29 May 2019)

No news or action at this time.

6.3 ANSI E1.46 - 2018, Recommended Practice for the Prevention Of Falls from Theatrical Stages and Raised Performance Platforms (Revise, reaffirm, or withdraw by 13 July 2023)

A letter ballot to the ESTA Executive Committee closed on 26 June 2018, with unanimous affirmation. A BSR9 was filed with ANSI on 29 June 2018, so we presently await their acceptance prior to publication.

Karl Ruling reported that E1.46 was approved by ANSI on 13 July 2018 and published that same day.

6.4 ANSI E1.57 – 2016, Recommendations to prevent performer and technician falls on or off movable parade floats, movable stages, and similar moving platforms (Revision, reaffirmation, or withdrawal by 6 May 2021)

Karl Ruling reported he'd been contacted by a lawyer representing someone who had fallen from or on a float. His client's injury occurred before the current edition of ANSI E1.57 was published. He was looking for an earlier edition, if there was one. Ruling had said that there was no earlier edition. Tim Hansen said that he'd gotten the inquiry from the lawyer and had directed him to Karl Ruling, who would have the records.

6.5 BSR E1.60, Guidelines for the use of rakes in live performance environments

See E1-60_PublicReviewSummary-NoComments.pdf. The draft standard was in review through 9 April. No comments were received. Would the group like to tinker with the document some more, or move to approve it as an American National Standard via letter ballot?

Steve Serafin moved that we approve BSR E1.60 as an American National Standard. The motion was seconded by Keith Sklar. The question will be decided by letter ballot.

The ballot process was explained to Pete Menzel, the newest voting member of the working group.

6.6 BSR E1.62, Minimum specifications for mass-produced portable platforms, ramps, stairs, and choral risers for live performance events

See BSR_E1-62_201x_r4.pdf as distributed to the working group on 24 April 2018. No further comments were received from within the working group, so a motion may be entertained to send this document for a first public review, or the working group could decide here to continue making changes. If the first public review is approved at this meeting, the TSC will be able to vote on the public review at their meeting this weekend.

Pete Menzel had several questions about some of the references and requirements. These were discussed among the working group. Some changes were made to the document, particularly to the lateral loading minimum specification. Menzel described Wenger's work on assessing impact loads on portable platforms—loads such as a chorus bouncing in time to music—but no specific changes were suggested for the draft standard at this time.

Steve Serafin moved that we offer the draft standard with the changes made at this meeting for public review. The motion was seconded and approved unanimously. Since this is the first public review of the draft standard, the TSC will have to approve it, too.

7 New business

None.

8 Other business

8.1 Flooring specifications

See Pages from Junckers Brochure.pdf.

From the draft March 2018 minutes:

Keith Sklar said that a dance studio came to him asking about flooring for their studio. There were specifications pertaining to resilience, and he asked if this group wanted to do anything with this specification. The consensus was to share the document with the rest of the group and revisit the topic in July.

From an email dated 15 March 2018 from Keith Sklar to Karl Ruling:

Hopefully, we could start a discussion why floor companies could provide these details in their spec sheets as a next step to getting the resilience values out into the world.

There was discussion but no motions were offered.

8.2 Above & Beyond Awards

Hansen pointed out that the nomination site is open year round at http://tsp.esta.org/tsp/news/award_nomination.html. It's a chance for working group members to recognize their hard-working peers.

9 Schedule for future meetings

Hansen said that the full meeting schedule is at <http://www.esta.org/ESTA/meetings.php>.

9.1 Fall meetings

The fall meeting cycle is scheduled for 4-8 October 2018 at the D/FW Marriott Solana in Westlake, TX. The group consensus in March was to schedule a meeting for October. One will be scheduled.

The March sentiment was confirmed. The next meeting will be October 5.

9.2 January 2019 meetings

The January ESTA meetings are taking place in conjunction with the NAMM show in Anaheim, California, which is scheduled for 24-27 January 2019, but no Floors Working Group meeting is currently scheduled for that cycle. Should there be one?

There was discussion. The consensus was that a January meeting should be scheduled. It can be canceled if later appears to be unnecessary.

10 Adjournment

Jerry Gorrell moved that the meeting adjourn. The motion was seconded. Hearing no objections, Tim Hansen declared the meeting adjourned at 20:24.

Members as of 24 July 2018

Delegate	Company	Representing	Voting status	Int. cat.
Robert Barbagallo	Solotech Inc.	Solotech Inc.	O	DR
K.J. Bartosh	K.J. Bartosh	K.J. Bartosh	O	U
Patricia Basileo	American Harlequin Corp.	Harlequin Corporation	A	MP
Bob Dagger	American Harlequin Corp.	Harlequin Corporation	A	MP
Mark Elliott	Walt Disney Company	Walt Disney Company	O	U
William Gillett	Walt Disney Parks and Resorts	Walt Disney Company	A	U
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	P	U
Steve Gough	American Harlequin Corporation	Harlequin Corporation	P	MP
Erin Grabe	ESTA	ESTA	exf	G
Tim Hansen	Oasis Stage Werks	Oasis Stage Werks	P	MP
Pete Happe	Pete Happe	Pete Happe	I	G
Robert Haycock	Cal Performances	UC Berkeley	O	U
Gary Justesen	Oasis Stage Werks	Oasis Stage Werks	A	MP
Nevin Kleege	Kleege Industries	Kleege Industries	O	G
Fred Kosiewski	Walt Disney Parks & Creative Entertainment	Walt Disney Company	P	U
Dave LaPage	Productions Unlimited, Inc.	Productions Unlimited, Inc.	P	DR
Pete Menzel	Wenger Corp.	Wenger Corp.	P	MP
Richard J. Nix	ESTA	ESTA	exf	G
Kasper Nyboe	American Harlequin Corporation	Harlequin Corporation	A	MP
Karl G. Ruling	Unit 12 Productions	Unit 12 Productions	I	DE
Karl G. Ruling	ESTA	ESTA	exf	G
Robert R. Scales	Robert R. Scales	Robert R. Scales	I	U
Steven Serafin	Chubb Group of Insurance Companies	Chubb Group of Insurance Companies	P	G

Members as of 24 July 2018

Delegate	Company	Representing	Voting status	Int. cat.
Keith Sklar	Actors' Equity Association	Actors' Equity Association	P	G
Stephen Spendiff	Rosco Canada	Rosco Laboratories	P	MP
Jeong Sik Yoo	Ghost LX	Ghost LX	O	DE

Voting status key: P = Principal voter, A = Alternate voter, I = Individual voter, O = Observer member, exf = Ex Officio member (staff)

Interest Category Key: CP = Custom-market producer, DE = Designer, DR = Dealer/rental company, G = General interest, MP = Mass-market producer, U = User