

Minutes
Floors Working Group
Thursday 25 January 2024
Wyndham Anaheim – Anaheim, CA

Chairpersons:

Tim Hansen; Oasis Stage Werks; P; MP (presiding)
Jerry Gorrell; Theatre Safety Programs; P; U

Recording secretaries:

Karl Ruling and Richard Nix (ESTA)

Attendees:

Jane Harrington, ARM; The Hartford Group; O; G
William Gillett; Walt Disney Company; P; U
Steve Gough; Harlequin Corporation; P; MP
Shannon Nickerson; Tait Towers Manufacturing LLC; P; DR
Kasper Nyboe; Harlequin Corporation; A; MP
Steven Serafin; The Hartford Group; P; G
Mike Skinner; Alliance of Motion Picture and Television Producers; P; U
Nathan Wilkinson; Actors' Equity Association; A; G
Bruce Darden; InterAmerica Stage, Inc; P; MP

1 Opening remarks

Tim Hansen called the meeting to order at 17:04.

2 ESTA declarations

2.1 Reading of the anti-trust statement

Tim Hansen 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 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.

Richard Nix held up the pamphlet.

2.2 Reading of the call for patents

Tim Hansen 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

Tim Hansen 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 running the Technical Standards Program. New applications shall not be processed until after the participation fee has been paid. Voting members are required to attend meetings. 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; either class of inaction shall result in a loss of voting status. 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 present introduced themselves.

3.3 Determination of a quorum

The voting body as of today's meeting is 11. A quorum is four. A supermajority vote requires at least six.

Karl Ruling announced that enough voters were present to pass a supermajority vote.

3.4 Processing of new membership and status change requests

As of today's meeting, no applications have been received:

3.5 Changes to observer status due to lack of participation

The following voting members have missed the last two meetings, so their status will be changed to Observer if not present at this meeting:

There are none.

3.6 Consensus body

This is the consensus body after today's meeting actions:

Delegate	Representing	Voting status	Int. cat.
Keith Sklar	Actors' Equity Association	P	G
M. Nathan Wilkinson	Actors' Equity Association	A	G
Michael Skinner	AMPTP	P	U
Steve Gough	Harlequin Corporation	P	MP
Kasper Nyboe	Harlequin Corporation	A	MP
Bruce Darden	InterAmerica Stage, Inc.	P	MP
Tim Hansen	Oasis Stage Werks	P	MP
Stephen Spendiff	Rosco Laboratories	P	MP
Shannon Nickerson	Tait Towers Manufacturing LLC	P	DR
Nathaniel Conlin	Tait Towers Manufacturing LLC	A	DR
Michael Freeman	Texas Scenic Company	P	MP
Steven Serafin	The Hartford Group	P	G
Jerry Gorrell	Theatre Safety Programs	P	U
William Gillett	Walt Disney Company	P	U
	Total votes possible:	11	
Votes by interest category	Custom market producer (CP):		0
	Designer (DE):		0
	Dealer or rental company (DR):		1
	General interest (G):		2

	Mass-market producer (MP):	5
	User (U):	3

4 Approval of the minutes from the last meeting

See *FLmin10-2023_DRAFT.pdf*

Bruce Darden moved to approve the draft minutes. The motion was seconded, and approved without objections or abstentions.

5 Approval of agenda

Kasper Nyboe moved to approve the agenda. The motion was seconded, and approved without objections or abstentions.

6 Old business

6.1 ANSI E1.26 - 2006 (R2022), shock absorption of floors (action due in 2027)

No news or action required.

6.2 ANSI E1.34 - 2009 (R2019) floor slipperiness (in reaffirmation PR until 12 December 2023)

By the time this working group meets, the reaffirmation public review and ballot will have both finished.

The TSC will consider it on Sunday. *[TSM note: The TSC approved it.]*

6.3 ANSI E1.46 – 2018 (R202x), Recommended Practice for the Prevention Of Falls from Theatrical Stages and Raised Performance Platforms (reaffirm, revise, or withdraw by 05 September 2028)

It's published!

6.4 ANSI E1.57 – 2016 (R2021), Recommendations to prevent performer and technician falls on or off movable parade floats, movable stages, and similar moving platforms (Reaffirm, revise, or withdraw before 05 May 2026)

6.5 BSR E1.60 - 202x, Guidelines for the use of raked stages in live performance environments

[see BSR_E1.60-202x_FL2017-8009r3.pdf]

The task group has provided a draft for the working group's consideration. Anticipate a motion for first public review.

Steve Serafin reported. He explained the extent of changes, which was slight: They added two definitions: "risk" and "stage floor", and pulled the risk assessment language from ANSI E1.72. Bruce Darden asked to open the document and review the examples to ensure they were appropriate. Slight change were made to remove references to stage machinery – all in section 4 – to everyone's agreement.

Steve moved to send the revised draft to public review. The motion was seconded, and carried without objection or abstention. The revised draft will be sent to the TSC for consideration, then a BSR8 will be filed, and a PR will commence soon thereafter.

6.6 ANSI E1.62 - 2021, Minimum specifications for mass-produced portable platforms, ramps, stairs, and choral risers for live performance events (action needed by 19 January 2026)

No news or action required.

6.7 ANSI E1.76-2023, Wire rope tension grids

(Reaffirm, revise, or withdraw before 12 December 2028)

It's published!

7 New business

None.

8 Other business & announcements

8.1 Above & Beyond Award

Attendees are reminded that the nomination form is at https://tsp.esta.org/tsp/news/award_nomination.html. Past recipients are listed at https://tsp.esta.org/tsp/news/award_recipients.html.

9 Schedule for future meetings

The full meeting schedule is posted at <http://www.esta.org/ESTA/meetings.php>. The next meeting will be held in Seattle, WA in conjunction with USITT during the week of 18 March 2024. The Summer meetings will be held just prior to the NATEAC convention in NYC, during the week of 08 July 2024. The Fall meetings will likely return to Westlake, TX.

10 Adjournment

Having reached the end of the agenda, Tim Hansen declared the meeting adjourned at 17:28 PST.

Floors Working Group Members as of 25 January 2024

Name	Representing	Status	Int cat
Jane Harrington, ARM	The Hartford Group	O	G
Robert Barbagallo	Solotech Inc.	O	DR
Justin Bennett	University of the Incarnate Word	O	U
Nathaniel Conlin	Tait Towers Manufacturing LLC	A	DR
Bob Dagger	Harlequin Corporation	O	MP
Bruce Darden	InterAmerica Stage, Inc.	P	MP
Michael Freeman	Texas Scenic Company	P	MP
William Gillett	Walt Disney Company	P	U
Jerry Gorrell	Theatre Safety Programs	P	U
Steve Gough	Harlequin Corporation	P	MP
Tim Hansen	Oasis Stage Werks	P	MP
Robert Haycock	Robert Haycock	O	U
Shannon Nickerson	Tait Towers Manufacturing LLC	P	DR
Kasper Nyboe	Harlequin Corporation	A	MP
Marcos Vicente Perez	Marcos Perez	O	U
Karl G. Ruling	Unit 12 Productions	O	DE
Steven Serafin	The Hartford Group	P	G
Mike Skinner	Alliance of Motion Picture and Television Producers	P	U
Keith Sklar	Actors' Equity Association	P	G
Stephen Spendiff	Rosco Laboratories	P	MP
Nathan Wilkinson	Actors' Equity Association	A	G