

**Minutes**  
**Floors Working Group**  
 Saturday, 1 April 2006  
 Louisville Marriott Downtown  
 280 West Jefferson Street  
 Louisville, Kentucky.

**Chairman:** Tim Hansen; Oasis Stage Werks; P; MP

**Recording secretary:** Karl G. Ruling; ESTA

**Members attending:** Keith Sklar; Actors' Equity Association; O; G (via telephone)  
 Bob Dagger; American Harlequin Corp.; P; MP  
 Ron Bonner; PLASA; P; G  
 Robert R. Scales; I; U  
 Tracey Cosgrove; Rosco Laboratories; P; MP  
 Steve Rust; Sachs Morgan Studio; P; G  
 Jerry Gorrell; Theatre Safety Programs; P; U  
 Pete Happe; Walt Disney Imagineering (Walt Disney Company); O; U

**Visitor:** Rodney W. Stickrod; City of Bloomington, IL

**1 Opening Remarks**

Tim Hansen called the meeting to order at 08:03, and welcomed all those present.

**2 Attendance and Membership**

**2.1 Introduction of those present**

Those present introduced themselves while an orchid attendance sign-in sheet was circulated.

**2.2 Call for quorum**

Tim Hansen announced that a quorum was present.

**2.3 Requirements for membership**

Hansen reminded the assembly that membership is open to all parties who are affected by the work of the group; membership in ESTA is not a requirement. Voting members are required to attend meetings. Any principal member and alternate that both miss three consecutive meetings will have their membership status changed to observer. This action will be taken as the last item of business at the third missed meeting and will be recorded in the minutes of that meeting.

**2.4** There were no new members joining at this meeting. The consensus body during this meeting was:

Name	Company	Representing (This is the sort field.)	Voting status	Int. cat.
Bob Dagger	American Harlequin Corp.	Harlequin Corporation	P	MP
Tim Hansen	Oasis Stage Werks	Oasis Stage Werks	P	MP
Gary Justesen	Oasis Stage Werks	Oasis Stage Werks	A	MP
Ron Bonner	PLASA	PLASA	P	G
Robert R. Scales	Robert R. Scales	Robert R. Scales	I	U
Tracey Cosgrove	Rosco Laboratories	Rosco Laboratories	P	MP
Steve Rust	Sachs Morgan Studio	Sachs Morgan Studio	P	G
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	P	U
		Total votes possible	7	

Votes by interest category	3	MP
	0	CP
	0	DR
	2	U
	2	G

### 3 Approval of the minutes from the previous meeting

Jerry Gorrell moved that the draft minutes of the previous meeting (Floors/2005-2001) be approved as written. The motion was seconded, and then approved by a unanimous show of hands.

### 4 ESTA Declarations

#### 4.1 Anti-trust statement

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

"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 \$1,000,000 and imprisoned for up to ten years. An easy to read pamphlet describing restraint of trade issues is available from the Technical Standards Manager."

Karl Ruling, the Technical Standards Manager, held up some of the easy-to-read pamphlets to show their availability. He then gave one to Rodney Stickrod, the visitor.

No restraint of trade issues were brought to the attention of the assembly.

#### 4.2 Call for Patents

The following statement was read aloud to the assembly by the 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 or 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."

No protected intellectual property was brought to the attention of the assembly.

### 5 Approval of Agenda

Bob Dagger moved that the agenda be accepted with the addition of a discussion of possible LDI sessions under "Other business." The motion was seconded, and then approved with a voice vote.

### 6 Old Business — E1.26

#### 6.1 Attempt to resolve objections

Other than not publishing the standard, which the working group has voted not to do (it has voted to publish it), what can be done by this working group to resolve the objection that there is not enough data on floors to support the standard?

Steve Rust said that had he known that the data that is in the appendix were going to be in the document, he would have voted Yes. He was not at the meeting and did not understand that the intention was to include the data. "It makes a huge difference," he said. Rust said that he would like to change his vote to approval of the motion.

Rust added that he would still like to see some additional testing done, particularly on some of the floors that are rumored to be the "Gold Standard" for dance floors.

**6.2 Location of appended data for E1.26.**

The consensus was that the data is fine as an appendix.

**7 New Business**

A possible next project, the slip resistance of floors, was discussed.

There was a discussion of the testing methods for measuring coefficient of friction.

The consensus was that we are at the "maybe" stage with this project and are not ready to declare this as a project to write an American National Standard. We have not yet decided that devising a method that will give repeatable measurements, uses a portable device, and is easily understood by the clients is possible. We will discuss this further at the next meeting.

For the next meeting, Bob Scales will have a sketch of the testing device he described verbally at this meeting. Bob Scales also will investigate how the University of Southern California measures slip resistance in its research into falls. Bob Dagger will provide details on the device his company is developing. Also, Bob Dagger will investigate a CEN project on slip resistance and how they are measuring this attribute.

**8 Other Business**

There was a discussion of a possible session at LDI. The consensus was that this group would only produce a session of interest to fewer than ten people at LDI. That would be too small an audience to justify the effort.

**9 Schedule for Future Meetings**

Tim Hansen announced that the next meeting would be at the Dallas/Fort Worth Airport Marriott South in Ft. Worth, TX, Friday, 14 July 2006, from 13:00 to 17:00.

**10 Changes to observer status due to lack of attendance**

The following voting member has missed the last two meetings and will have failed to meet the minimum attendance requirement for voters if this meeting is also missed:

Bob Dagger; American Harlequin

Bob Dagger was present, so there was no change of voting status.

**11 Adjournment**

Jerry Gorrell moved that the meeting adjourn. The motion was seconded, and then approved with a voice vote. Tim Hansen declared the meeting adjourned at 09:36.

## Floors Working Group Membership and Contact Information as of 18 May 2006

Name	Company	Representing (This is the primary sort field.)	Voting status	Int. cat.
Keith Sklar	Actors' Equity Association	Actors' Equity Association	O	G
Ken Greenwood	Actors' Equity Association	Actors' Equity Association	O	G
Tim Williamson	Northern Alberta Jubilee Auditorium	Alberta Government	O	U
Julie Rogers	City of Phoenix Civic Plaza	City of Phoenix	O	G
Fred Allen	Fred Allen & Associates	Fred Allen & Associates	O	U
Bob Dagger	American Harlequin Corp.	Harlequin Corporation	P	MP
Edward Paget	Jones & Phillips Associates, Inc.	Jones & Phillips Associates, Inc.	O	G
Christopher Purpura	Jones & Phillips Associates, Inc.	Jones & Phillips Associates, Inc.	O	G
Nevin Kleege	Kleege Industries	Kleege Industries	O	G
Seth Popper	League of American Theatres and Producers, Inc.	League of American Theatres and Producers, Inc.	O	G
Tim Hansen	Oasis Stage Werks	Oasis Stage Werks	P	MP
Gary Justesen	Oasis Stage Werks	Oasis Stage Werks	A	MP
Ron Bonner	PLASA	PLASA	P	G
Robert R. Scales	Robert R. Scales	Robert R. Scales	I	U
Tracey Cosgrove	Rosco Laboratories	Rosco Laboratories	P	MP
Steve Rust	Sachs Morgan Studio	Sachs Morgan Studio	P	G
Robert Barbagallo	Solotech Inc.	Solotech Inc.	O	DR
David Nash	StoweNash Associates LLC	StoweNash Associates LLC	O	U
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	P	U
Richard D. Thompson	Thompson Associates	Thompson Associates	O	G
Pete Happe	Walt Disney Imagineering	Walt Disney Company	O	U
Mark Elliott	Walt Disney Company	Walt Disney Company	O	U
Steven Wiese	Wenger Corp.	Wenger Corp.	O	MP

### Key to codes

- O Observer, non-voting
- P Principal voting on behalf of an organization or company
- A Alternate voting member representing an organization or company
- I Individual voting member representing only himself or herself
- G General interest
- U User of floors or flooring products
- MP Mass-market producer
- CP Custom-market producer
- DR Dealer or rental company