

Minutes
Floors Working Group
Friday, 14 July 2006
Dallas/Ft. Worth Airport Marriott South
Ft. Worth, Texas

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

Recording secretary: Jerry Gorrell; Theatre Safety Programs; P; U

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 (via telephone)
Pete Happe; Walt Disney Imagineering (Walt Disney Company); O; U

Visitor: Patricia A. Basileo, American Harlequin Corp.

1 Opening Remarks

Tim Hansen called the meeting to order at 01:03 p.m. 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 Determination of a quorum

The minimum quorum requirement for the working group was three voting members. Tim Hansen announced that a quorum was present.

2.3 Requirements for membership

The following statement was read 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. 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 Processing of new membership requests

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

Bob Dagger moved that the draft minutes of the previous meeting 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."

No restraint of trade or anti-trust issues were brought to the attention of the assembly.

4.2 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 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. The motion was seconded, and then approved with a voice vote.

6 Old Business

6.1 E1.26 Status

Hansen announced that the ESTA Board has approved it and ANSI has approved it and is now a American National Standard. The next step is to publish it.

6.2 Sketch of testing device verbally described at the last meeting

Bob Scales displayed drawing of a couple of devices of different configurations.

6.3 Report on how the University of Southern California measures slip resistance in its fall research

See file BobScalesReport.pdf. The working group reviewed Bob's report and discussed other possible sources of slip and fall studies and/or data.

Bob agreed to find what the lowest rake of racked stages is in Europe.

6.4 Bob Dagger report on the device his company is developing

Bob Dagger demonstrated a device for testing the slipperiness of a floor. The device was based on dragging the spring-loaded metal end of a mechanical pencil across a surface.

There was discussion of the device as a possible tool allowing floor slipperiness to be measured easily and to be specified. The consensus was that that the device provided a way forward, so the group should start a project for measuring and specifying performance floor slipperiness. The Technical Standards Manager will be directed to file a PINS form announcing the project to ANSI.

Bob Dagger agreed to write a draft document describing this device. This description may be a starting point for the draft standard.

6.5 Report on CEN project on slip resistance and how they are measuring slip resistance

Bob Dagger will provide copy of the test method. It is basically a drag sled test. According to Dagger, the device is cumbersome and expensive.

6.6 Project scope - Slipperiness of stage floors

See item 6.4. A scope statement was not drafted, but the consensus of the group was that work could start and should start on some sort of performance floor slipperiness standard.

7 New Business

None.

8 Other Business

None.

9 Schedule for Future Meetings

It was announced that the next meeting is scheduled for Wednesday, 18 October 2006, 08:00 to noon, at the Las Vegas Hilton, 3000 Paradise Road, Las Vegas, Nevada.

10 Changes to observer status due to lack of attendance

None.

11 Adjournment

The meeting was adjourned by acclamation at 2:05 p.m.

Working Group Membership and Contact Information as of 25 July 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