

Minutes
Floors Working Group
Wednesday, 18 October 2006
Las Vegas Hilton
3000 Paradise Road
Las Vegas, NV

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. (Harlequin Corporation); P; MP
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 (the Walt Disney Company); O; U

Visitors: None.

1 Opening Remarks

Tim Hansen called the meeting to order at 08:01.

2 Attendance and Membership

2.1 Introduction of those present

The usual self-introductions was omitted because everyone present knew each other.

2.2 Call for quorum

Tim Hansen announced that a quorum was present and business could be conducted.

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. 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 none.

The consensus body, including those not present, 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

Name	Company	Representing (This is the sort field.)	Voting status	Int. cat.
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	P	U
		Total votes	7	
		Votes by interest category	0	CP
			3	MP
			0	DR
			2	U
			2	G

4 Approval of the minutes from the previous meeting

See FLmin07-2006.pdf. Jerry Gorrell moved that the draft minutes for the July meeting be accepted as written. The motion was seconded and then approved with a show of hands.

5 ESTA Declarations

5.1 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 a couple of copies of the pamphlet to show that it was readily available.

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

5.2 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."

The call for patents statement generated a series of jokes about the Harlequin dragsled, but Bob Dagger did not say it was protected by a patent nor suggest that it would be.

6 Approval of Agenda

Tracey Cosgrove moved that the draft agenda be accepted. The motion was seconded, and then approved by a unanimous voice vote.

7 Old Business

7.1 **ANSI E1.26-2006 Status**

Hansen announced that it's published.

7.2 **BSR E1.34 floor slipperiness project**

There was a discussion about the vagueness of the working group's decision to start this project at the last meeting. Pete Happe suggested that the working group formally go on record as starting this project as one to draft an American National Standard. This was so moved by Jerry Gorrell, seconded, and then approved with a unanimous voice vote. This motion clarifies the actions of the last meeting.

There was a discussion of the draft document, BSR E1.34-200x, Entertainment Technology-- Measuring and Specifying the Slipperiness of Floors Used in Live Performance Venues (Floors/2006-8013).

The current sled with the stainless steel pads gives a coefficient of sliding friction, but this number probably is not the same as, or even related to, the number that would be generated if the contact pad were shoe leather or hard rubber. Karl Ruling suggested that we may need two test procedures: one to give a number for marketing purposes (with a standardized contact material on the sled) and one to solve show-specific disputes (with samples of shoe sole as the contact material). The consensus was to have another section describing tests with specific shoe sole surfaces.

There was also a discussion of whether the weight per unit of contact area in the draft document is close to what it would be for a person standing on one foot. Karl said he would look into this. [After the meeting, he and Tim Hansen calculated that the 5 kg on the dragsled is almost exactly the same mass per unit of contact area as a 75 kg person standing on the ball of one foot.]

It was agreed that the dragsled's platform material is not important. Dagger said it would be nice if the sled could be carried onboard an aircraft without being spotted as a suspicious object in the screened carry-on baggage.

Ruling offered to do the next version of E1.34, a version with two test procedures.

8 **New Business**

None.

9 **Other Business**

None.

10 **Schedule for Future Meetings**

It was announced that the next meeting is scheduled for 19 January 2007, from 13:00 to 17:00, at the Dallas/Ft. Worth Airport Marriott South in Ft. Worth, Texas.

11 **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:

No one

12 **Adjournment**

Jerry Gorrell moved that the meeting adjourn. The motion was seconded, and then approved with a unanimous voice vote. Tim Hansen declared the meeting adjourned at 09:27.

Floors Working Group Membership and Contact Information as of 07 November 2006

Name	Company	Representing (This is the sort field.)	Vote stat.	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