

Minutes
Followspot Position Working Group Meeting
Thursday, 12 July 2007
Dallas/Ft. Worth Airport Marriott South
Ft. Worth, Texas

Presiding chairman: Charles I. Swift; Graham, Swift & Company, LLC; P; G

Recording secretary: Karl G. Ruling; ESTA

Members attending: Chip Purchase; Jones Hall (Foundation for Jones Hall); P; U
Edwin S. Kramer; I.A.T.S.E. Local 1; P; U
Richard J. Nix; Entertainment Structures Group (Steven Schaefer Associates);
A; G
Jerry Gorrell; Theatre Safety Programs; O; U
William L. Maiman; I; G

Visitors: Mike Garl; James Thomas Engineering

1 Opening remarks

Charles Swift called the meeting to order at 19:05.
He welcomed everyone and thanked them for coming. He explained that Jack Schmidt was not in attendance because he was recovering from surgery.

2 Patent and Anti-Trust statements

2.1 Patent statement

The following statement was read aloud to the assembly by Charles Swift:

"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.

2.2 Anti-trust statement

The following statement was read aloud to the assembly by Charles Swift:

"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 held up some of the easy-to-read pamphlets. Richard Nix requested a copy and was given one.

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

3 Attendance & membership

3.1 Introductions

Those present introduced themselves.

3.2 Taking attendance

A red attendance sign-in sheet was circulated

3.3 Requirements for membership

Swift read the following statement aloud to the assembly:

"Membership in the working group is open to all who are affected by the work of the group. Voting members are required to attend meetings and to vote on letter ballots. Voting members and their alternates may not miss three consecutive meetings without a loss of voting status."

3.4 Determination of quorum (9 voting members: a quorum is 3; a supermajority at least 5)

Swift announced that a quorum was present.

3.5 Processing of new membership requests

Cary Feher of CaRyEATIONS had applied as an observer in the user interest group.

Eddie Kramer moved that Feher's application for membership as an observer be accepted. The motion was seconded and then approved with a unanimous show of hands.

The consensus body during this meeting, including those not present, was:

Name	Company	Representing (This is the sort field.)	Voting status	Int. cat.
Jack Schmidt	Special Lighting Solutions	Ballantyne of Omaha, Inc.	P	MP
Chip Purchase	Jones Hall	Foundation for Jones Hall	P	U
Charles I. Swift	Graham, Swift & Company, LLC	Graham, Swift & Company, LLC	P	G
Edwin S. Kramer	I.A.T.S.E. Local 1	I.A.T.S.E. Local 1	P	U
Richard Logothetis	Lycian Stage Lighting	Lycian Stage Lighting	P	MP
Fred Lindauer	Robert Juliat USA	Robert Juliat SA	P	MP
Stephen Vanciel	Stephen Vanciel	Stephen Vanciel	I	U
Shawn Nolan	Entertainment Structures Group	Steven Schaefer Associates	P	G
Richard J. Nix	Entertainment Structures Group	Steven Schaefer Associates	A	G
William L. Maiman	William L. Maiman	William L. Maiman	I	G
		Total votes possible	9	
		Votes by interest category	0	CP
			3	MP
			0	DR
			3	U
			3	G

4 Approval of minutes from the 16 March 2007 meeting

Document FP/2007-9003, See file FPmin03-2007.pdf.

Eddie Kramer moved that the draft minutes be approved as written. The motion was seconded and then approved with a unanimous show of hands.

5 Approval of agenda

Eddie Kramer moved that the agenda be approved. The motion was seconded and then approved with a unanimous show of hands.

6 Old Business

Discussion of the BSR E1.28r1 and Thomas Paterson's version, r1a. See E1-28Draft2007-06-18.pdf and Patersons_E1-28Draft2007-06-18.pdf.

Document E1-28Draft2007-06-18.pdf was discussed and edited. The document was projected onto a screen to be viewed by the working group as it was being discussed and edited. Paterson's document was not discussed and edited, because Paterson's changes were primarily to change "should" to "shall" to make the recommendations of the draft standard mandatory. The working group felt this was contrary to the intention of the working group, which is to write a recommended practice, a guidance document that offers suggestions--sometimes strong suggestions--but not requirements.

The type classifications were again discussed. It was felt that the two most important parameters for determining type were throw and stage brightness. Karl Ruling looked at the Lycian website and came up with some rough type listings based on throw from the recommendations there:

Type 1: throws up to 80 feet, usually followspots rated up to 1 kW.

Type 2: throws of 80 to 150 feet, usually followspots rated 1 kW to 2 kW.

Type 3: throws over 150, usually followspots rated for more than 2 kW.

These rough classifications seemed acceptable to the working group as a first approximation, and public review will help the working group refine them. Words were added to the draft document to note that these are rough classifications, and one should move up a type number if the stage is expected to be particularly brightly illuminated.

Steve Rust's drawings of followspot positions of 20 September 2005 were reviewed. They were fundamentally good, but some changes were needed:

- (1) "Type 1," "Type 2," "Type 3," et cetera should be removed from the title blocks.
- (2) The plumbing fixtures should be moved from the audience chamber wall. (No flushing noises, please!)
- (3) The stage centerline should be removed from each drawing. Followspot positions are not necessarily or optimally on the centerline.
- (4) The booth lighting should be changed to match what is specified in clause 6.5 and its subclauses.
- (5) The arena catwalk picture should show a lifting point near the followspot position.
- (6) The scale statements (e.g., 1/2 inch = 1 foot) should be removed so we can expand or shrink the pictures as needed. The dimensional notes are enough.

Charles Swift agreed to provide an additional drawing showing the followspot booth, the target, and indicating the throw distance and tilt angle, with the primary purpose of making the concepts of "throw distance" and "tilt angle" clear.

The language of some of the definitions was modified for clarity and a number of definitions were eliminated as they were no longer referenced in the body of the document.

The edited BSR E1.28 r1 file was given to Richard Nix, who was directed to smooth out the edited version and to insert the modified Steve Rust drawings in the Annex, and to have this all done in 30 days.

Eddie Kramer moved that the BSR E1.28 document after being edited by Richard Nix be offered for public review. The motion was seconded. The vote will be decided by letter ballot. The supporting documentation for the motion will be the revised BSR E1.28 draft standard, so the ballot will be issued when the document is ready. The editing work is to be completed in 30 days, by August 11.

7 New Business

None.

8 Other Business

None.

9 Schedule of future meetings

The consensus of the group was that there shall be no November meeting at LDI. The next meeting shall be in January 2008.

10 Changes of voting status

There were no changes. Chip Purchase, the only person in danger of losing voting status due to lack of attendance, was present.

11 Adjournment

Richard Nix moved that the meeting adjourn. The motion was seconded. Hearing no objections, Charles Swift declared the meeting adjourned at 22:22.

Working Group Members and Contact Information as of 20 July 2007

Name	Company	Representing (This is the sort field.)	Voting status	Int. cat.
Jack Schmidt	Special Lighting Solutions	Ballantyne of Omaha, Inc.	P	MP
Cary Feher	CaRyEATIONS	CaRyEATIONS	O	U
Chip Purchase	Jones Hall	Foundation for Jones Hall	P	U
Charles I. Swift	Graham, Swift & Company, LLC	Graham, Swift & Company, LLC	P	G
Edwin S. Kramer	I.A.T.S.E. Local 1	I.A.T.S.E. Local 1	P	U
Edward Paget	Jones & Phillips Associates, Inc.	Jones & Phillips Associates, Inc.	O	G
Thomas Paterson	Lux Populi SA de CV	Lux Populi SA de CV	O	G
Richard Logothetis	Lycian Stage Lighting	Lycian Stage Lighting	P	MP
Fred Lindauer	Robert Juliat USA	Robert Juliat SA	P	MP
Steve Rust	Sachs Morgan Studio	Sachs Morgan Studio	O	G
Stephen Vanciel	Stephen Vanciel	Stephen Vanciel	I	U
Shawn Nolan	Entertainment Structures Group	Steven Schaefer Associates	P	G
Richard J. Nix	Entertainment Structures Group	Steven Schaefer Associates	A	G
John Tedesco	The Phoebus Company, Inc.	The Phoebus Company, Inc.	O	MP
Curtis Kasefang	Theatre Consultants Collaborative, LLC	Theatre Consultants Collaborative, LLC	O	CP
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	O	U
William L. Maiman	William L. Maiman	William L. Maiman	I	G

Key to codes:

P	principal	MP	mass-market producer
A	alternate	CP	custom-market producer
I	individual	DR	dealer or rental company
O	observer	U	user
		G	general interest