

Minutes
Photometrics Working Group
Saturday, 20 March 2004
Westin Long Beach
Long Beach, California

Presiding chairman: Jerry Gorrell; Theatre Safety Programs; P; U

Recording secretary: Karl G. Ruling; ESTA

Members attending: Thomas Tyler; Altman Stage Lighting; A; MP
Jim McHugh; Humboldt State University; O; U (voting status changed to P at this meeting)
Ken Vannice; Colortran (Leviton Manufacturing Co., Inc.); P; MP
Bill Klages; New Klages Inc.; O; U (voting status changed to P at this meeting)
Michael Lay; Strand Lighting (Strand Lighting Ltd.); P; MP

Visitors: Matthew Immel; Humboldt State University
Greta Schomburg; Humboldt State University

James Eade of PLASA had sent his regrets for being unable to attend.

1 Opening Remarks

Jerry Gorrell called the meeting to order at 13:12. He welcomed all.

2 Attendance and membership

2.1 Introductions of those present and taking attendance

Gorrell asked those present to introduce themselves, which they did in a clockwise direction.

2.2 Determination of quorum

Jerry Gorrell noted that four voting members were present, which constituted a quorum.

2.3 Recognition of alternate voting members

Tom Tyler was the only alternate present. He was recognized. No other representative from Altman was present, so he was not reminded of the prohibition against double-voting.

2.4 Requirements for membership

Gorrell reminded the group that membership is open to all who are affected by the work of the group, but voting members are required to vote on letter ballots and to attend meetings. If a voting member and his alternate both miss three meetings in a row, they are moved to observer status. This will be done at the end of the third meeting missed.

2.5 Processing of new membership requests

There were no new applications, but two members who had been moved to observer status due to inattendance asked to be reinstated.

Tom Tyler moved that Bill Klages and Jim McHugh be reinstated to principal voting status. The motion was seconded. The motion was accepted by a unanimous show of hands.

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

Name	Company	Representing	Voting status	Int. cat.
John T. Ryan	Altman Stage Lighting	Altman Stage Lighting	P	MP
Thomas Tyler	Altman Stage Lighting	Altman Stage Lighting	A	MP
Rick Loudenburg	Barbizon Light (Denver)	Barbizon Companies	P	DR
Jim McHugh	Humboldt State University	Humboldt State University	P	U
Ken Vannice	Colortran	Leviton Manufacturing Co., Inc.	P	MP
Bill Klages	New Klages Inc.	New Klages Inc.	P	U
James Eade	PLASA	PLASA	P	G
Tony Douglas-Beveridge	PLASA	PLASA	A	G
Michael Lay	Strand Lighting	Strand Lighting Ltd.	P	MP
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	P	U
Larry Lieberman	Vision Quest Lighting	Vision Quest Lighting	P	CP
		total votes	9	
			3	MP
			1	CP
			1	DR
			3	U
			1	G

3 Approval of the minutes from the previous meeting

Tom Tyler moved that the minutes be accepted as written. The motion was seconded. The motion was accepted by a unanimous voice vote.

4 Call for patents

The following was read aloud to the assembly by Jerry Gorrell:

"ESTA intends to publish no standard that contains protected intellectual property, unless that property can be licensed by anyone for a reasonable fee. ESTA uses a process of open patent disclosure to implement this intent. ESTA does not conduct patent searches and does not warrant that its standards contain no protected intellectual property.

"In keeping with the open disclosure policy, I ask if anyone present wishes to notify the working group of the existence of a patent or copyright that might protect material in a standard being developed by the working group. You need not be the holder of the patent or copyright in order to notify the working group of its existence."

No issues were brought to the attention of the group.

Jerry Gorrell then read the following anti-trust statement aloud to the assembly:

"The ESTA Board of Directors, the Technical Standards Committee, and the leadership of this Working Group will reject or nullify any actions that restrain trade. Anyone who feels that an action restraining trade is being or has been taken is requested to bring the 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 any member of this working group may be found individually liable for any action that restrains trade taken by this working group. An individual convicted of a violation of the Sherman Act may be fined as much as \$100,000 and be imprisoned for up to three years. An easy to read pamphlet describing restraint of trade is available from the Technical Standards Committee."

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

5 Approval of agenda

Tom Tyler moved that the agenda be approved. The motion was seconded. The motion was accepted by a unanimous voice vote.

6 Old Business

6.1 Public review of BSR E1.25 or further modification

Jim McHugh moved that the draft BSR E1.25 document (Photo/2003-5001r4) be sent to public review without further modification. The motion was seconded. By roll call ballot, six out of a consensus body of nine voted "Yes," with no dissenting votes. The motion was approved by a supermajority.

Name	Company	Representing	Voting status	Int. cat.	Vote
John T. Ryan	Altman Stage Lighting	Altman Stage Lighting	P	MP	
Thomas Tyler	Altman Stage Lighting	Altman Stage Lighting	A	MP	Yes
Rick Loudenburg	Barbizon Light (Denver)	Barbizon Companies	P	DR	
Jim McHugh	Humboldt State University	Humboldt State University	P	U	Yes
Ken Vannice	Colortran	Leviton Manufacturing Co., Inc.	P	MP	Yes
Bill Klages	New Klages Inc.	New Klages Inc.	P	U	Yes
James Eade	PLASA	PLASA	P	G	
Tony Douglas-Beveridge	PLASA	PLASA	A	G	
Michael Lay	Strand Lighting	Strand Lighting Ltd.	P	MP	Yes
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	P	U	Yes
Larry Lieberman	Vision Quest Lighting	Vision Quest Lighting	P	CP	
					6 Yes

By interest category, this vote was 3:3 MP (mass-market producer), 3:3 U (user). None of the members of the CP (custom-market producer), G (general interest), or DR (dealer or rental company) interest groups were present. There was only one member in each of these interest categories.

6.2 Humboldt State University datasheets

The sample datasheets developed by Jim McHugh, Matthew Immel, and Todd Adams of Humboldt State University were discussed.

Bill Klages moved that the sheets be put on the ESTA website in Word format for free download. The motion was seconded. The motion was approved with a unanimous voice vote.

Karl G. Ruling said that he will have to add a note that ESTA does not approve products or certify compliance with any of its standards, and that these examples are being provided only as an aid to companies, but not as an assurance that copying these examples will constitute conformance with the E1.9 standard—or something to this effect. What we don't want is someone copying the forms and then claiming that, since they used our forms, we say that they comply with the standard. We don't say anything about compliance.

Ken Vannice moved that Jim McHugh, Matthew Immel, and Todd Adams of Humboldt State University be thanked on the website for providing these examples. The motion was seconded. The motion was approved with a unanimous show of hands.

7 New business

None.

8 Other business

Jerry Gorrell noted several interesting recent articles. One is about a shop-built goniophotometer in *TD&T*, the other is for a linear motion goniophotometer in the *Journal of the IESNA*. Both projects struck the members of the working group attending this meeting as hard ways to collect data.

9 Schedule for future meetings

The group decided that because of the likely schedule for the public review of BSR E1.25, that a meeting in July in Ft. Worth would not be useful.

The next meeting is now scheduled for 09:00 to noon on October 22 in Las Vegas. The group discussed this starting and ending time, and decided that a two-hour meeting would be long enough and that an earlier starting time would reduce the conflict with the trade show hours. Therefore, Karl Ruling will request that the meeting be rescheduled to 08:00 to 10:00 on the same day.

The group discussed what might be on the agenda, and decided that the possible reaffirmation, revision, or withdrawal of ANSI E1.9-2001 will be discussed, as well as the comments from the public review of BSR E1.25.

10 Changes to observer status

Principal who had missed the last two meetings:

Larry Lieberman; Vision Quest Lighting

Jerry Gorrell noted that Larry Lieberman had now missed three consecutive meetings, and therefore had not met the attendance requirements for voting members. Ken Vannice moved that Lieberman's voting status be changed to observer. The motion was seconded. The motion was approved by a unanimous voice vote.

11 Adjournment

Ken Vannice moved that the meeting adjourn. The motion was seconded. The motion was approved by a unanimous voice vote. Jerry Gorrell declared the meeting adjourned at 14:16.

Photometrics Working Group Membership and Contact Information as of 08 April 2004

Name	Company	Representing (This is the sort field.)	Voting status	Int. cat.
Andre Broucke	ADB - TTV Technologies	ADB-TTV Group	O	MP
John T. Ryan	Altman Stage Lighting	Altman Stage Lighting	P	MP
John Luk	Altman Stage Lighting	Altman Stage Lighting	O	MP
Thomas Tyler	Altman Stage Lighting	Altman Stage Lighting	A	MP
Rick Loudenburg	Barbizon Light (Denver)	Barbizon Companies	P	DR
Lee J. Bloch	Blue Sky Design, Ltd.	Blue Sky Design, Ltd.	O	U
Ed Hyatt	Boston Illumination Group, Inc.	Boston Illumination Group	O	CP
Bill Ellis	Candela Controls, Inc.	Candela Controls, Inc.	O	U
Francesco Romagnoli	Clay Paky S.P.A.	Clay Paky S.P.A.	O	MP
Woody Smith	Coemar USA Inc.	Coemar USA Inc.	O	MP
David Bertenshaw	David Bertenshaw	David Bertenshaw	O	G
A C Hickox	Domingo Gonzalez Associates	Domingo Gonzalez Associates	O	U
Gregg Esakoff	ETC West	Electronic Theatre Controls, Inc.	O	MP
Mitch Hefter	Entertainment Technology	Genlyte Thomas Group LLC	O	G
Dawn K. Crosby	Vari-Lite	Genlyte Thomas Group LLC	O	MP
Mike Wood	High End Systems Inc.	High End Systems Inc.	O	MP
Jim McHugh	Humboldt State University/IES	Humboldt State University	P	U
Robert Mokry	I C Lighting	I C Lighting	O	G
Jim Grosh	Jim Grosh Associates	Jim Grosh Associates	O	G
Ken Vannice	Colortran	Leviton Manufacturing Co., Inc.	P	MP
Afsan Quazi	Lighting & Electronics, Inc.	Lighting & Electronics, Inc.	O	G
Ashley Rice	Lighting & Electronics, Inc.	Lighting & Electronics, Inc.	O	G
Hiroshi Kita	Marumo Electric Co., Ltd.	Marumo Electric Co., Ltd.	O	MP
Tom Pincu	Moodie, Pincu & Associates, Inc.	Moodie, Pincu & Associates, Inc.	O	MP
Bill Klages	New Klages Inc.	New Klages Inc.	P	U
Tim Hansen	Oasis Stage Werks	Oasis Stage Werks	O	U
James Eade	PLASA	PLASA	P	G
Tony Douglas-Beveridge	PLASA	PLASA	A	G
Ron Rykowski	Radiant Imaging, Inc.	Radiant Imaging, Inc.	O	G
David Jenkins	Radiant Imaging, Inc.	Radiant Imaging, Inc.	O	G
Robert Mumm	Robert Mumm	Robert Mumm	O	G
Andrew Nichols	Selecon	Selecon NZ Ltd.	O	MP
Robert Barbagallo	Solotech Inc.	Solotech Inc.	O	DR
Joseph M. Good, III	Spectrum Professional Services	Spectrum Professional Services	O	G
Michael Lay	Strand Lighting	Strand Lighting Ltd.	P	MP
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	P	U
Larry Lieberman	Vision Quest Lighting	Vision Quest Lighting	O	CP
Eckart Steffens	SOUNDLIGHT	VPLT	O	G

Key to codes:

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