

Minutes
RIGGING WORKING GROUP
Friday, 26 July 2002
Dallas/Ft. Worth Airport Marriott South
Ft. Worth, TX

Chairman: Mike Garl; James Thomas Engineering, Inc.; principal; producer

Recording secretary: Karl G. Ruling, ESTA

Members attending: William Conner; Schuler & Shook Inc., representing the Amer. Society of Theatre Consultants; principal; user
Don Dimitroff; Columbus McKinnon Corp.; principal; producer
M. Brad Dittmer; Downhome Productions; principal; user
Rocky Paulson; Stage Rigging, Inc. (Freeman Companies); observer; user
Tim Franklin; Geiger Engineers; principal; general interest (joined at this meeting)
Edwin S. Kramer; I.A.T.S.E, Local 1; principal; user
Rodney F. Kaiser; J.R. Clancy Inc.; principal; producer
Louis Bradfield; individual; user
Harvey Sweet; LVH Entertainment Systems (LVH Electric, Inc.); principal; user(joined at this meeting)
Bradford A. Kegel; National Production Services Inc.; principal; user (joined at this meeting)
Tim Hansen; Oasis Stage Werks; principal; user
JoAnna Lloyd; Ocean State Rigging Systems Inc.; alternate; user (joined at this meeting)
Richard J. Nix; On Location Lighting Systems Inc.; principal; general interest
Tim Cox; PLASA; principal; general interest
Michael Akrep; Polar Focus, Inc.; principal; producer
Baer Long; Protech Theatrical Rigging Services; principal; user (joined at this meeting. New company.)
Bill Sapsis; Sapsis Rigging, Inc.; principal; user
Peter A. Scheu; Scheu Consulting Services; principal; general interest (joined at this meeting)
Dan Culhane; SECOA; principal; producer
Larry Lutz; Texas Scenic Company; principal; producer
Keith Bohn; Tomcat USA, Inc.; principal; producer
Peter Hind; Total Structures, Inc.; principal; producer
Hans van der Moolen; Verlinde N.L. (Verlinde Spa. France); principal; producer
Robin Crews; Wrightson, Johnson, Haddon & Williams, Inc.; principal; general interest (joined at this meeting)

Visitors: R. Duane Wilson; George C. Izenour Associates
Edward Raymond; IATSE Local 16
James J. Smith; National Production Services

1 Opening remarks

Mike Garl called the meeting to order at 19:06. He welcomed all the Ft. Worth and thanked all for making the trip, and spending the time, the energy, and the money to attend this meeting.

2 Attendance and membership

Garl directed all to sign in on the screaming yellow and pink sign-in sheets.

2.1 Introduction of those present

Garl asked those present to introduce themselves. They did so, proceeding in a counter-clockwise direction around the table.

2.2 Call for quorum

Mike Garl asked for a show of hands of the principals. He noted that more than half the voting body was present.

2.3 Requirements for membership

Garl reminded people that membership is open to all who are affected by the work of the group, but that there are attendance and voting requirements for voting members. Voting members of the working group are required to attend meetings. Any principal member and voting alternate who 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 each meeting and recorded in the minutes of that meeting. A similar requirement applies to letter ballots. If the principal and alternates for a voting entity miss three ballots in a row, they will be moved to observer status.

3 Processing of new membership requests

Mike Garl read the applications. The following people and companies applied in the indicated voting and interest categories:

Robin Crews; Wrightson, Johnson, Haddon & Williams, Inc.; principal; gen. interest
Peter A. Scheu; Scheu Consulting Services; principal; general interest
Harvey Sweet; LVH Entertainment Systems (LVH Electric, Inc.); principal; user
JoAnna Lloyd; Ocean State Rigging; alternate; user
Baer Long; Protech Theatrical Rigging Systems (new affiliation); principal; producer
Tim Franklin; Geiger Engineers; principal; general interest
Bradford A. Kegel; National Production Services Inc.; principal; user
John C. Snook; Thermotex Industries Inc.; observer; producer
Ben Haynes; Freedom Flying; observer; general interest
Buddy Braile; Bestek Lighting & Staging; observer; user
Melvin Wierenga; Wierenga & Assoc.; principal; user

Garl noted that Melvin Wierenga had applied as a principal, but was not present. Mike Garl suggested that Wierenga be brought in as an observer. Wierenga may apply as a voting member when he attends a meeting.

Garl asked for a show of support for the applications, with Wierenga being brought in as an observer. Support was demonstrated by a unanimous show of hands.

Name	Company	Representing	Voting status	Interest category
Michael G. Wiener	Aerial Rigging & Leasing, Inc.	Aerial Rigging & Leasing, Inc.	P	U
William Conner	Schuler & Shook Inc.	Amer. Society of Theatre Consultants	P	U
Andrew T. Martin	ATM Group, Inc.	ATM Group, Inc.	P	P
Don Dimitroff	Columbus McKinnon Corp.	Columbus McKinnon Corp.	P	P
Wally Blount	Columbus McKinnon Corp.	Columbus McKinnon Corp.	A	P
M. Brad Dittmer	Downhome Productions	Downhome Productions	P	U
Tim Franklin	Geiger Engineers	Geiger Engineers	P	G
Reid Neslage	H & H Specialties Inc.	H & H Specialties Inc.	P	P
Jeffrey Hoffend	Hoffend & Sons, Inc.	Hoffend & Sons, Inc.	P	P
Edwin S. Kramer	I.A.T.S.E, Local 1	I.A.T.S.E. Local 1	P	U
Rodney F. Kaiser	J.R. Clancy Inc.	J.R. Clancy, Inc.	P	P
Jack Suesse	J.R. Clancy, Inc.	J.R. Clancy, Inc.	A	P
Thomas S. Young	J.R. Clancy Inc.	J.R. Clancy, Inc.	A	P
Mike Garl	James Thomas Engineering, Inc.	James Thomas Engineering, Inc.	P	P
Tray Allen	James Thomas Engineering, Inc.	James Thomas Engineering, Inc.	A	P
Nevin Kleege	Kleege Industries	Kleege Industries	P	U
William Beautyman	Limelight Productions, Inc.	Limelight Productions, Inc.	P	U

Louis Bradfield	Louis Bradfield	Louis Bradfield	I	U
Harvey Sweet	LVH Entertainment Systems	LVH Electric, Inc.	P	U
Baer Long	MGM Grand Hotel Casino	MGM-Mirage Inc.	P	U
Bradford A. Kegel	National Production Services Inc.	National Production Services Inc.	P	U
Tim Hansen	Oasis Stage Werks	Oasis Stage Werks	P	U
JoAnna Lloyd	Ocean State Rigging Systems Inc.	Ocean State Rigging Systems Inc.	A	U
Robert A. Grenier Jr.	Ocean State Rigging Systems Inc.	Ocean State Rigging Systems Inc.	P	U
Richard J. Nix	On Location Lighting Systems Inc.	On Location Lighting Systems Inc.	P	G
Tim Cox	PLASA	PLASA	P	G
Tony Douglas-Beveridge	PLASA	PLASA	A	G
Michael Akrep	Polar Focus, Inc.	Polar Focus, Inc.	P	P
Baer Long	Protech Theatrical Rigging Systems	Protech Theatrical Rigging Systems	P	P
Bill Sapsis	Sapsis Rigging, Inc.	Sapsis Rigging, Inc.	P	U
Peter A. Scheu	Scheu Consulting Services	Scheu Consulting Services	P	G
Dan Culhane	SECOA	SECOA	P	P
Larry Lutz	Texas Scenic Company	Texas Scenic Company	P	P
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	P	G
Keith Bohn	Tomcat USA, Inc.	Tomcat USA, Inc.	P	P
Mitch Clark	Tomcat USA, Inc.	Tomcat USA, Inc.	A	P
Mark Newlin	Tomcat USA, Inc.	Tomcat USA, Inc.	A	P
John James	Tomcat USA, Inc.	Tomcat USA, Inc.	A	P
Peter Hind	Total Structures, Inc.	Total Structures, Inc.	P	P
Ian Coles	Total Structures, Inc.	Total Structures, Inc.	A	P
Peter Johns	Total Structures, Inc.	Total Structures, Inc.	A	P
Doug Recher	Total Structures, Inc.	Total Structures, Inc.	A	P
Hans van der Moolen	Verlinde N.L.	Verlinde Spa. France	P	P
Robin Crews	Wrightson, Johnson, Haddon & Williams, Inc.	Wrightson, Johnson, Haddon & Williams, Inc.	P	G
		32 votes possible		13 P
				13 U
				6 G

4 Approval of minutes from the previous meeting

Garl asked for any additions or corrections. There were none. Bill Sapsis moved that the minutes be approved as written. The motion was seconded. The motion was approved unanimously.

5 ESTA declarations

5.1 Anti-trust statement

The following was read aloud by Mike Garl:

"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 \$100,000 and imprisoned for up to three years. An easy to read pamphlet describing restraint of trade issues is available from the Technical Standards Manager."

Bill Sapsis held up the pamphlet. No anti-trust issues were brought to the attention of the assembly.

5.2 Call for patents

The following was read aloud by Mike Garl:

"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 disclosures 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 that might protect material in a standard being developed by the working group. You need not be the holder of the patent in order to notify the working group of its existence."

No protected intellectual property issues were brought to the attention of the assembly.

6 Approval of agenda

Brad Dittmer moved that the draft agenda be accepted as written. The motion was seconded. The motion was approved by a unanimous show of hands.

7 Old business

7.1 E1.4 - Manual Rigging Systems

Richard Nix reported that the task group had agreed on a set of comment resolutions and a new draft document. He asked that the comment resolutions be accepted and the draft standards document sent to another public review.

Dan Culhane moved that the comment resolutions shall be accepted. the motion was accepted. By show of hands, 21 of the 24 present voted in favor, so the motion carried with a super majority.

Dan Culhane moved that the draft BSR E1.4 document (Rig/1997-2002r6) go to another public review. The motion was seconded. By roll call ballot:

Name	Company	Representing	Voting status	Interest category	Accept	Accept in principle	Accept in part	Reject	Abstain
Michael G. Wiener	Aerial Rigging & Leasing, Inc.	Aerial Rigging & Leasing, Inc.	P	U	0	0	0	0	0
William Conner	Schuler & Shook Inc.	Amer. Society of Theatre Consultants	P	U	1	0	0	0	0
Andrew T. Martin	ATM Group, Inc.	ATM Group, Inc.	P	P	0	0	0	0	0
Don Dimitroff	Columbus McKinnon Corp.	Columbus McKinnon Corp.	P	P	1	0	0	0	0
M. Brad Dittmer	Downhome Productions	Downhome Productions	P	U	1	0	0	0	0
Tim Franklin	Geiger Engineers	Geiger Engineers	P	G	1	0	0	0	0
Reid Neslage	H & H Specialties Inc.	H & H Specialties Inc.	P	P	0	0	0	0	0
Jeffrey Hoffend	Hoffend & Sons, Inc.	Hoffend & Sons, Inc.	P	P	0	0	0	0	0
Edwin S. Kramer	I.A.T.S.E, Local 1	I.A.T.S.E. Local 1	P	U	1	0	0	0	0
Rodney F. Kaiser	J.R. Clancy Inc.	J.R. Clancy, Inc.	P	P	1	0	0	0	0
Mike Garl	James Thomas Engineering, Inc.	James Thomas Engineering, Inc.	P	P	1	0	0	0	0
Nevin Kleege	Kleeege Industries	Kleeege Industries	P	U	0	0	0	0	0
William Beautyman	Limelight Productions, Inc.	Limelight Productions, Inc.	P	U	0	0	0	0	0
Louis Bradfield	Louis Bradfield	Louis Bradfield	I	U	1	0	0	0	0
Harvey Sweet	LVH Entertainment Systems	LVH Electric	P	U	1	0	0	0	0
Bradford A. Kegel	National Production Services	National Production Services	P	U	0	0	0	0	1
Tim Hansen	Oasis Stage Werks	Oasis Stage Werks	P	U	1	0	0	0	0
Joanna Lloyd	Ocean State Rigging Systems Inc.	Ocean State Rigging Systems Inc.	P	U	1	0	0	0	0
Richard J. Nix	On Location Lighting Systems Inc.	On Location Lighting Systems Inc.	A	G	1	0	0	0	0
Tim Cox	PLASA	PLASA	P	G	1	0	0	0	0
Michael Akrep	Polar Focus, Inc.	Polar Focus, Inc.	P	P	1	0	0	0	0
Baer Long	Protech Theatrical Rigging Services	Protech Theatrical Rigging Services	P	P	1	0	0	0	0
Bill Sapsis	Sapsis Rigging, Inc.	Sapsis Rigging, Inc.	P	U	1	0	0	0	0
Dan Culhane	SECOA	SECOA	P	P	1	0	0	0	0

Peter A. Scheu	Scheu Consulting Services	Scheu Consulting Services	P	G	1	0	0	0	0
Larry Lutz	Texas Scenic Company	Texas Scenic Company	P	P	1	0	0	0	0
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	P	G	0	0	0	0	0
Keith Bohn	Tomcat USA, Inc.	Tomcat USA, Inc.	P	P	1	0	0	0	0
Peter Hind	Total Structures, Inc.	Total Structures, Inc.	P	P	1	0	0	0	0
Hans van der Moolen	Verlinde N.L.	Verlinde Spa. France	P	P	1	0	0	0	0
Robin Crews	Wrightson, Johnson, Haddon & Williams	Wrightson, Johnson, Haddon & Williams	P	G	1	0	0	0	0
					23	0	0	0	1

The motion carried with a 23 of the 24 present and a voting body of 32 voting in favor, a clear supermajority.

7.2 E1.6 – Powered Rigging Systems

Don Dimitroff reported that they had worked on resolving the comments and writing a new version. He said they hope to have it done by the next meeting.

Hans van der Moolen said that he was very concerned about the direction the task group was taking. Ruling offered to distribute his concerns to the working group, if he would like and would put those concerns in writing.

7.3 E1.7 - Recommended Practice for Flying Performers

Eddie Kramer read the section of the draft standard that says that the shall statements can be ignored if they conflict with the artistic intent. Kramer says that this runs counter to the requirements that the TSC has insisted with other standards. There was a discussion of whether minimum safety requirements can be ignored if complying with them interferes with achieving an artistic effect. The sense of the group was that a safety standard must have certain minimum requirements that cannot be abrogated for the sake of an artistic effect. Ruling said he would communicate this sentiment to Delbert Hall, who is leading the task group to revise the standard and resolve the public review comments.

7.4 E1.8 - Speaker Enclosures Rigging Standard

Eddie Kramer moved that we accept the comment resolution document. The motion was seconded. The motion was accepted by a supermajority with a show of hands.

Eddie Kramer moved that the revised BSR E1.8 draft standards document (Rig/1997-2021r8) be sent to another public review. The motion was seconded. By roll call ballot:

Name	Company	Representing	Voting status	Interest category	Accept	Accept in principle	Accept in part	Reject	Abstain
Michael G. Wiener	Aerial Rigging & Leasing, Inc.	Aerial Rigging & Leasing, Inc.	P	U	0	0	0	0	0
William Conner	Schuler & Shook Inc.	Amer. Society of Theatre Consultants	P	U	1	0	0	0	0
Andrew T. Martin	ATM Group, Inc.	ATM Group, Inc.	P	P	0	0	0	0	0
Don Dimitroff	Columbus McKinnon Corp.	Columbus McKinnon Corp.	P	P	1	0	0	0	0
M. Brad Dittmer	Downhome Productions	Downhome Productions	P	U	1	0	0	0	0
Tim Franklin	Geiger Engineers	Geiger Engineers	P	G	1	0	0	0	0
Reid Neslage	H & H Specialties Inc.	H & H Specialties Inc.	P	P	0	0	0	0	0
Jeffrey Hoffend	Hoffend & Sons, Inc.	Hoffend & Sons, Inc.	P	P	0	0	0	0	0
Edwin S. Kramer	I.A.T.S.E. Local 1	I.A.T.S.E. Local 1	P	U	1	0	0	0	0
Rodney F. Kaiser	J.R. Clancy Inc.	J.R. Clancy, Inc.	P	P	1	0	0	0	0
Mike Garl	James Thomas Engineering, Inc.	James Thomas Engineering, Inc.	P	P	1	0	0	0	0

Nevin Kleege	Kleege Industries	Kleege Industries	P	U	0	0	0	0	0
William Beautyman	Limelight Productions, Inc.	Limelight Productions, Inc.	P	U	0	0	0	0	0
Louis Bradfield	Louis Bradfield	Louis Bradfield	I	U	1	0	0	0	0
Harvey Sweet	LVH Entertainment Systems	LVH Electric	P	U	1	0	0	0	0
Bradford A. Kegel	National Production Services	National Production Services	P	U	0	0	0	0	1
Tim Hansen	Oasis Stage Werks	Oasis Stage Werks	P	U	1	0	0	0	0
Joanna Lloyd	Ocean State Rigging Systems Inc.	Ocean State Rigging Systems Inc.	P	U	1	0	0	0	0
Richard J. Nix	On Location Lighting Systems Inc.	On Location Lighting Systems Inc.	A	G	1	0	0	0	0
Tim Cox	PLASA	PLASA	P	G	1	0	0	0	0
Michael Akrep	Polar Focus, Inc.	Polar Focus, Inc.	P	P	1	0	0	0	0
Baer Long	Protech Theatrical Rigging Services	Protech Theatrical Rigging Services	P	P	1	0	0	0	0
Bill Sapsis	Sapsis Rigging, Inc.	Sapsis Rigging, Inc.	P	U	1	0	0	0	0
Dan Culhane	SECOA	SECOA	P	P	1	0	0	0	0
Peter A. Scheu	Scheu Consulting Services	Scheu Consulting Services	P	G	1	0	0	0	0
Larry Lutz	Texas Scenic Company	Texas Scenic Company	P	P	1	0	0	0	0
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	P	G	0	0	0	0	0
Keith Bohn	Tomcat USA, Inc.	Tomcat USA, Inc.	P	P	1	0	0	0	0
Peter Hind	Total Structures, Inc.	Total Structures, Inc.	P	P	1	0	0	0	0
Hans van der Moolen	Verlinde N.L.	Verlinde Spa. France	P	P	1	0	0	0	0
Robin Crews	Wrightson, Johnson, Haddon & Williams	Wrightson, Johnson, Haddon & Williams	P	G	1	0	0	0	0
					23	0	0	0	1

The motion was accepted with a supermajority of 23 of the 24 voting members present, from the total voting body of 32, voting in favor.

7.5 E1.15 – Boom & base standard

Richard Nix moved that the draft BSR E1.15 document (Rig/1998-2032r7) be sent to first public review. The motion was seconded. Since this is a motion for the first public review of the draft standard, the motion shall be decided by letter ballot.

7.6 E1.21 – Stage roofs proposal

Keith Bohn said that the task group got together to do homework assignments. They will work on putting those together at task group meeting tomorrow. He hopes to have something for the working group to vet by LDI.

7.7 E1.22 – Fire curtains

Bill Conner reported that the scope of the draft document has been reaffirmed and an outline has been drafted. There was a discussion of the timeline for first public review.

7.8 E1.2 – Aluminum Trusses and Towers revision

Mike Garl reported that there will be a task group meeting tomorrow. Many of the original authors are involved.

8 New business

Peter Hind suggested that we should create a document that incorporates advice for all rigging components. There was some discussion. The consensus was that we can accomplish more of practical value faster working the way we are working, piece by piece. These can be consolidated into a master document at some time in the future.

9 Other business

None.

10 Schedule for future meetings

Mike Garl announced the following schedule of future working group meetings:

Wednesday, 16 October 2002; 19:00 to 23:00 at the Las Vegas Hilton

Friday, 17 January 2003, 19:00 to 23:00 at the Dallas/Ft. Worth Airport Marriott South

There will be a meeting scheduled at some time in conjunction with the USITT Conference and Stage Expo, which is 20 – 23 March 2003 in Minneapolis, MN.

The Summer meeting will be Friday, 25 July 2003, 19:00 to 23:00 at the Dallas/Ft. Worth Airport Marriott South.

Ruling read off a list of action items from this meeting:

- 1) Karl Ruling shall send the TSC the new version of BSR E1.4 with a letter ballot to send it to public review.
- 2) Karl Ruling shall tell Delbert Hall about the working group's sentiment on the balance between artistic effects and safety in BSR E1.7.
- 3) Karl Ruling shall send the TSC the new version of BSR E1.8 with a letter ballot to send it to public review.
- 4) The motion to send BSR E1.15 to public review shall be decided by letter ballot within the working group. Ruling shall send out the ballot. All working group voting members shall vote and send it back in a timely manner.
- 5) The E1.2, E1.6, E1.21, and E1.22 task groups shall keep working on their documents. The E1.22 task group shall have something for the working group to vet and discuss at the LDI meeting.

11 Changes of membership status resulting from lack of attendance.

Mike Garl noted that the following voting members have missed three meetings in a row:

Michael G. Wiener; Aerial Rigging & Leasing, Inc.

Nevin Kleege; Kleege Industries

Garl announced that their voting status is now changed to observer because of their lack of participation.

12 Adjournment

Richard Nix moved that the meeting adjourn. The motion was seconded. The motion was approved by a unanimous show of hands. Mike Garl declared the meeting adjourned at 20:46.

Rigging Working Group Membership and Contact Information as of 27 September 2002

Name	Company	Representing	Voting status	Int. cat.
Michael G. Wiener	Aerial Rigging & Leasing, Inc.	Aerial Rigging & Leasing, Inc.	O	U
William Conner	Schuler & Shook Inc.	Amer. Society of Theatre Consultants	P	U
Jim Fletcher	American Sling Company, Inc.	American Sling Company, Inc.	O	P
Andrew T. Martin	ATM Group, Inc.	ATM Group, Inc.	P	P
Buddy Braile	Bestek Lighting & Staging	Bestek Lighting & Staging	O	U
Lee J. Bloch	Bloch Design Group Inc.	Bloch Design Group Inc.	O	G
Eric Todd	BML Inc.	BML Inc.	O	P
Paul Tardue	BML Inc.	BML Inc.	O	P
Joachim Stoecker	CAMCO GmbH	CAMCO GmbH	O	P
Mark M. Witteveen	Chicago Flyhouse Inc.	Chicago Flyhouse Inc.	O	U
Ted Jones	Chicago Spotlight, Inc.	Chicago Spotlight, Inc.	O	U
Wally Blount	Columbus McKinnon Corp.	Columbus McKinnon Corp.	A	P
Don Dimitroff	Columbus McKinnon Corp.	Columbus McKinnon Corp.	P	P
Ron Fogel	Creative Realities, Inc.	Creative Realities, Inc.	O	G
Jason Friedman	Creative Realities, Inc.	Creative Realities, Inc.	O	G
Harry Donovan	Donovan Rigging, Inc.	Donovan Rigging, Inc.	O	U
Wes Jenkins	Down Stage Right Industries	Down Stage Right Industries	O	P
M. Brad Dittmer	Downhome Productions - Springfield, MO	Downhome Productions	P	U
Ben Hayes	Freedom Flying	Freedom Flying	O	G
Dean Hart	Stage Rigging, Inc.	Freeman Companies	O	U
Rocky Paulson	Stage Rigging, Inc.	Freeman Companies	O	U
David M. Campbell	Geiger Engineers	Geiger Engineers	O	G
Tim Franklin	Geiger Engineers	Geiger Engineers	P	G
Paul Brady	Grand Stage Company, Inc.	Grand Stage Company, Inc.	O	U
Reid Neslage	H & H Specialties Inc.	H & H Specialties Inc.	P	P
Delbert Hall	Hall Associates Inc.	Hall Associates Inc.	O	U
Jeffrey Hoffend	Hoffend & Sons, Inc.	Hoffend & Sons, Inc.	P	P
Edwin S. Kramer	I.A.T.S.E, Local 1	I.A.T.S.E. Local 1	P	U
Gian Carlo C. Bartolotti	Ibeam SP / Banco de Eventos	Ibeam SP / Banco de Eventos	O	U
Perry Langenstein	International Theatre Consultants	International Theatre Consultants	O	G
Jack Suesse	J.R. Clancy, Inc.	J.R. Clancy, Inc.	A	P
Rodney F. Kaiser	J.R. Clancy Inc.	J.R. Clancy, Inc.	P	P
Thomas S. Young	J.R. Clancy Inc.	J.R. Clancy, Inc.	A	P
Mike Garl	James Thomas Engineering, Inc.	James Thomas Engineering, Inc.	P	P
Tray Allen	James Thomas Engineering, Inc.	James Thomas Engineering, Inc.	A	P
Jay O. Glerum	Jay O. Glerum & Associates, Inc.	Jay O. Glerum & Associates, Inc.	O	U
Chuck McClelland	Jeamar Winches Inc.	Jeamar Winches Inc.	O	P
John Kaes	John Kaes	John Kaes	O	U
John R. Burgess	John R. Burgess	John R. Burgess	O	U
Edward Paget	Jones & Phillips Associates, Inc.	Jones & Phillips Associates, Inc.	O	G
Ray Robins	Kansas Stage Inc.	Kansas Stage Inc.	O	U
Nevin Kleege	Kleege Industries	Kleege Industries	O	U
William Beautyman	Limelight Productions, Inc.	Limelight Productions, Inc.	P	U
Louis Bradfield	Louis Bradfield	Louis Bradfield	I	U
Harvey Sweet	LVH Entertainment Systems	LVH Electric, Inc.	P	U
Kevin Dallmeyer	Mandalay Resort Group	Mandalay Resort Group	O	U
Charles E. Gorgen	Midwest Crane Corp.	Midwest Crane Corp.	O	P
Kent H. Jorgensen	MPS Grips, Local 80	MPS Grips, Local 80	O	G

Bradford A. Kegel	National Production Services Inc.	National Production Services Inc.	P	U
Shawn Nolan	Nolan Entertainment Structures	Nolan Entertainment Structures	O	G
Ted Hickey	OAP Audio Products	OAP Audio Products	O	P
Gary Justesen	Oasis Stage Werks	Oasis Stage Werks	O	U
Tim Hansen	Oasis Stage Werks	Oasis Stage Werks	P	U
Robert A. Grenier Jr.	Ocean State Rigging Systems Inc.	Ocean State Rigging Systems Inc.	P	U
JoAnna Lloyd	Ocean State Rigging Systems Inc.	Ocean State Rigging Systems Inc.	A	U
Frederick L. Smith	Olaf Soot Associates	Olaf Soot Associates	O	P
Olaf Soot	Olaf Soot Associates	Olaf Soot Associates	O	P
Richard J. Nix	On Location Lighting Systems Inc.	On Location Lighting Systems Inc.	P	G
Joseph Rapier	Parkhill, Smith & Cooper, Inc.	Parkhill, Smith & Cooper, Inc.	O	P
Patrick Stansfield	Patrick Stansfield Assoc., Inc.	Patrick Stansfield Assoc., Inc.	O	U
Peter Letzelter-Smith	Peter Letzelter-Smith	Peter Letzelter-Smith	O	U
Billy Phillips	Phillips Rigging	Phillips Rigging	O	P
Tony Douglas-Beveridge	PLASA	PLASA	A	G
Tim Cox	PLASA	PLASA	P	G
Michael Akrep	Polar Focus, Inc.	Polar Focus, Inc.	P	P
Marc Hendriks	Prolyte	Prolyte	O	P
Baer Long	Protech Theatrical Rigging Services	Protech Theatrical Rigging Services	P	U
Robert Barbagallo	Proximo Inc.	Proximo Inc.	O	U
Douglas Franz	QVC Network	QVC Network	O	U
Scott Mohr	R&R Cases and Cabinets	R&R Cases and Cabinets	O	G
Michael Reed	Reed Rigging, Inc.	Reed Rigging, Inc.	O	U
Rinus Bakker	Rhino Rigs B.V.	Rhino Rigs B.V.	O	G
Rikki Newman	Rikki Newman	Rikki Newman	O	U
Randall W. A. Davidson	Risk International & Associates, Inc.	Risk International & Associates, Inc.	O	U
Roo Dunn	Pennsylvania Convention Center	Roo Dunn	O	U
Heinz Siller	RST Präsentationssysteme	RST Präsentationssysteme	O	G
Bill Sapsis	Sapsis Rigging, Inc.	Sapsis Rigging, Inc.	P	U
Peter A. Scheu	Scheu Consulting Services	Scheu Consulting Services	P	G
Dan Culhane	SECOA	SECOA	P	P
Luigi Sbalzarini	Selvolina SNC	Selvolina SNC	O	P
Jon Lagerquist	South Coast Repertory	South Coast Repertory	O	U
Jerrold S. Tiers	St. Louis Music Inc.	St. Louis Music Inc.	O	P
Richard C. Mecke	Texas Scenic Company	Texas Scenic Company	O	P
Larry Lutz	Texas Scenic Company	Texas Scenic Company	P	P
Alan Broadhurst	The Broadhurst Partnership	The Broadhurst Partnership	O	P
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	P	G
Ed Nicholas	Theatrical Lighting Systems, Inc.	Theatrical Lighting Systems, Inc.	O	U
F. Robert Bauer	Theatrix Inc.	Theatrix Inc.	O	U
John Van Lennep	Theatrix Inc.	Theatrix Inc.	O	U
John C. Snook	Thermotex Industries Inc.	Thermotex Industries Inc.	O	P
Thomas Paterson	Thomas Paterson	Thomas Paterson	O	G
Mitch Clark	Tomcat USA, Inc.	Tomcat USA, Inc.	A	P
John James	Tomcat USA, Inc.	Tomcat USA, Inc.	A	P
Keith Bohn	Tomcat USA, Inc.	Tomcat USA, Inc.	P	P
Ian Coles	Total Structures, Inc.	Total Structures, Inc.	A	P
Peter Hind	Total Structures, Inc.	Total Structures, Inc.	P	P
Peter Johns	Total Structures, Inc.	Total Structures, Inc.	A	P
Doug Recher	Total Structures, Inc.	Total Structures, Inc.	A	P
Hans van der Moolen	Verlinde N.L.	Verlinde Spa. France	P	P

Eckart Steffens	SOUNDLIGHT	VPLT	O	G
Peter Happe	Walt Disney Imagineering	Walt Disney	O	U
Warren A. Bacon	Warren A. Bacon	Warren A. Bacon	O	U
Melvin Wierenga	Wierenga & Assoc.	Wierenga & Assoc.	O	U
Robin Crews	Wrightson, Johnson, Haddon & Williams, Inc.	Wrightson, Johnson, Haddon & Williams, Inc.	P	G

Voting Status

- P Principal voting representative for a company or organization
- A Alternate voting representative for a company or organization
- I Individual representing no organization other than himself or herself
- O Observer; non-voting

Interest Categories

- P Producer (manufacturer) of rigging equipment
- U User of rigging equipment
- G General interest in rigging equipment