

Minutes
RIGGING WORKING GROUP
Wednesday, 19 March 2003
Hilton Minneapolis
Minneapolis, MN

Chairman: Mike Garl; James Thomas Engineering, Inc.; P; MP

Recording secretary: Karl G. Ruling; ESTA

Members attending: Baer Long; Ninja Rigging (Act 1 Rigging Inc.); P; G (rejoined at this meeting)
William Conner; Schuler & Shook Inc. representing Amer. Society of Theatre Consultants; P; U
Andrew T. Martin; ATM Group, Inc.; P; MP
M. Brad Dittmer; Downhome Productions; P; U
Rocky Paulson; Stage Rigging, Inc. (Freeman Companies); O; DR
David M. Campbell; Geiger Engineers; P; G (change of status at this meeting)
Reid Neslage; H & H Specialties Inc.; P; MP
Edwin S. Kramer; I.A.T.S.E, Local 1; P; U
Edward Paget; Jones & Phillips Associates, Inc.; P; G
Christopher Purpura; Jones & Phillips Associates, Inc.; A; G (joined at this meeting)
William Beautyman; Limelight Productions, Inc.; P; DR
Harvey Sweet; LVH Entertainment Systems (LVH Electric, Inc.); P; DR
Kent H. Jorgensen; MPS Grips, Local 80; O; G
Richard J. Nix; Performance Systems Integration; P; G (rejoined at this meeting)
Ron Bonner; PLASA; PLASA; P; G
Bill Sapsis; Sapsis Rigging, Inc.; P; U
Peter A. Scheu; Scheu Consulting Services; P; G
Dan Culhane; SECOA; P; CP
Shawn Nolan; Entertainment Structures Group (Steven Schafer Associates); O; G
Michael Patterson; Theatre Projects Consultants, Inc.; O; U
Jeff Wilkowski; Thern, Inc.; P; MP
Richard D. Thompson; Thompson Associates; P; G (joined at this meeting)
Brian Dowd; TMB; P; CP
Hans van der Moolen; Verlinde N.L. (Verlinde Spa. France); P; MP
Pete Happe; Walt Disney Imagineering (Walt Disney); P; U

Visitors: Ed Raymond; IATSE Local 16
Roger L. Lattin; IATSE Local 728
Mark Arthur; R&M Materials Handling Inc.
Woody Pyeatt, AV Pro

1 Opening remarks

Mike Garl called the meeting to order at 19:03. He reminded attendees of the last time the USITT Conference and Stage Expo was held in Minneapolis by holding up 1987 USITT Conference clipboard. He thanked all for attending, and noted that there were many other meetings and conference sessions competing for people's time.

2 Attendance and membership

A chartreuse attendance sign-in sheet was circulated.

2.1 Introduction of those present

Mike Garl asked attendees to introduce themselves, which they did.

2.2 Call for quorum

Mike Garl announced that a quorum was present and business could be conducted.

2.3 Requirements for membership

Garl reminded those in attendance that membership is open to all who are affected by the work of the group. However, voting members 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. Garl also reminded voting members that they have to vote on letter ballots.

3 Processing of new membership requests

The following people had applied for membership:

Andre Broucke; ADB TTV Technologies; observer; mass-market producer (new company ownership)

Robert Barbagallo; Solotech; observer; dealer or rental business (new company)

G. Anthony Phillips; IATSE Local 16; observer; user

Baer Long; Ninja Rigging (Act 1 Rigging Inc.); principal; general interest (new company)

John Jones; PCM/Pfaff Silberblau Ltd.; observer; dealer or rental business

Gregory Collis; IATSE Local 16; observer; general interest

Richard Thompson; Thompson Associates; principal; general interest

Peter Hoffend; Hoffend & Sons, Inc.; alternate; custom producer

Richard Nix; Performance Systems Integration; principal; general interest (new company)

Chris Purpura; Jones & Philips Associates; alternate; general interest

Ted Paget moved that the applications be accepted. The motion was seconded. The motion was accepted by a unanimous show of hands.

David Campbell reported that Tim Franklin, who was principal for Geiger Engineering, was no longer with the company. Campbell asked to be made the principal voting member to represent Geiger Engineering to assume Franklin's role. Campbell's request was approved by acclamation.

The voting body during the meeting, including those not present, was thus:

Name	Company	Representing	Voting status	Int. cat.
Baer Long	Ninja Rigging	Act 1 Rigging Inc.	P	G
William Conner	Schuler & Shook Inc.	Amer. Society of Theatre Consultants	P	U
Andrew T. Martin	ATM Group, Inc.	ATM Group, Inc.	P	MP
Don Dimitroff	Columbus McKinnon Corp.	Columbus McKinnon Corp.	P	MP
Wally Blount	Columbus McKinnon Corp.	Columbus McKinnon Corp.	A	MP
M. Brad Dittmer	Downhome Productions	Downhome Productions	P	U
David M. Campbell	Geiger Engineers	Geiger Engineers	P	G
Reid Neslage	H & H Specialties Inc.	H & H Specialties Inc.	P	MP
Jeffrey Hoffend	Hoffend & Sons, Inc.	Hoffend & Sons, Inc.	P	CP
Peter Hoffend	Hoffend & Sons, Inc.	Hoffend & Sons, Inc.	A	CP
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	CP
Jack Suesse	J.R. Clancy, Inc. (NC)	J.R. Clancy, Inc.	A	CP
Thomas S. Young	J.R. Clancy Inc.	J.R. Clancy, Inc.	A	CP
Mike Garl	James Thomas Engineering, Inc.	James Thomas Engineering, Inc.	P	MP
Tray Allen	James Thomas Engineering, Inc.	James Thomas Engineering, Inc.	A	MP
Edward Paget	Jones & Phillips Associates, Inc.	Jones & Phillips Associates, Inc.	P	G
Christopher Purpura	Jones & Phillips Associates, Inc.	Jones & Phillips Associates, Inc.	A	G
William Beautyman	Limelight Productions, Inc.	Limelight Productions, Inc.	P	DR

Louis Bradfield	Louis Bradfield	Louis Bradfield	I	U
Harvey Sweet	LVH Entertainment Systems	LVH Electric, Inc.	P	DR
Bradford A. Kegel	National Production Services Inc.	National Production Services Inc.	P	U
Tim Hansen	Oasis Stage Werks	Oasis Stage Werks	P	DR
Robert A. Grenier Jr.	Ocean State Rigging Systems Inc.	Ocean State Rigging Systems Inc.	P	DR
JoAnna Lloyd	Ocean State Rigging Systems Inc.	Ocean State Rigging Systems Inc.	A	DR
Richard J. Nix	Performance Systems Integration	Performance Systems Integration	P	G
Ron Bonner	PLASA	PLASA	P	G
Tony Douglas-Beveridge	PLASA	PLASA	A	G
Michael Akrep	Polar Focus, Inc.	Polar Focus, Inc.	P	MP
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	CP
Jerald Kraft	SECOA	SECOA	A	CP
Larry Lutz	Texas Scenic Company	Texas Scenic Company	P	CP
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	P	G
John C. Snook	Thermotex Industries Inc.	Thermotex Industries Inc.	P	CP
Jeff Wilkowski	Thern, Inc.	Thern, Inc.	P	MP
Richard D. Thompson	Thompson Associates	Thompson Associates	P	G
Brian Dowd	TMB (NJ)	TMB	P	CP
Keith Bohn	Tomcat USA, Inc.	Tomcat USA, Inc.	P	MP
Mitch Clark	Tomcat USA, Inc.	Tomcat USA, Inc.	A	MP
John James	Tomcat USA, Inc.	Tomcat USA, Inc.	A	MP
Peter Hind	Total Structures, Inc.	Total Structures, Inc.	P	MP
Ian Coles	Total Structures, Inc.	Total Structures, Inc.	A	MP
Peter Johns	Total Structures, Inc.	Total Structures, Inc.	A	MP
Doug Recher	Total Structures, Inc.	Total Structures, Inc.	A	MP
Hans van der Moolen	Verlinde N.L.	Verlinde Spa. France	P	MP
Pete Happe	Walt Disney Imagineering	Walt Disney	P	U
Robin Crews	Wrightson, Johnson, Haddon & Williams, Inc.	Wrightson, Johnson, Haddon & Williams, Inc.	P	G
			35 total	9 G 7 U 9 MP 6 CP 4 DR

4 Approval of minutes from the previous meeting

Dan Culhane moved that the minutes of the January 2003 meeting be approved as written. The motion was seconded. The motion was approved by a unanimous show of hands.

5 ESTA declarations

5.1 The following anti-trust statement was read out loud 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."

Karl Ruling held up copy of the pamphlet and noted that it is a short, easy-read.

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

5.2 The following call for patents was read out loud 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

Ted Paget moved that the agenda be approved as written. The motion was seconded. The motion was approved by a unanimous show of hands.

7 Old business

7.1 E1.2 – Aluminum trusses and towers revision

Karl Ruling reported that the proposed additions are in public review. Few comments have been received so far.

7.2 E1.4 – Manual rigging systems

Richard Nix reported that the task group has only 18 of the 240 public review comments left to process. He expects to have a complete set of suggested resolutions and another draft of the standards document done in time for the July meeting.

7.3 E1.6 – Powered rigging systems

Ruling reported that the comment period closed April 15 but that he has not yet collated the comments.

7.4 E1.7 - Recommended practice for flying performers

Ted Paget moved that draft 12 of BSR E1.7 be sent to a fifth public review. The motion was seconded. The motion was approved by a supermajority of the voting body by roll call ballot:

Name	Company	Representation	Voting status	Int. Cat.	Yes	No	Abstain
Baer Long	Ninja Rigging	Act 1 Rigging Inc.	P	G	1		
William Conner	Schuler & Shook Inc.	Amer. Society of Theatre Consultants	P	U	1		
Andrew T. Martin	ATM Group, Inc.	ATM Group, Inc.	P	MP	1		
Don Dimitroff	Columbus McKinnon Corp.	Columbus McKinnon Corp.	P	MP			
Wally Blount	Columbus McKinnon Corp.	Columbus McKinnon Corp.	A	MP			
M. Brad Dittmer	Downhome Productions - Springfield, MO	Downhome Productions	P	U	1		
David Campbell	Geiger Engineers	Geiger Engineers	P	G	1		
Reid Neslage	H & H Specialties Inc.	H & H Specialties Inc.	P	MP	1		
Jeffrey Hoffend	Hoffend & Sons, Inc.	Hoffend & Sons, Inc.	P	CP			
Peter Hoffend	Hoffend & Sons, Inc.	Hoffend & Sons, Inc.	A	CP			
Edwin S. Kramer	I.A.T.S.E. Local 1	I.A.T.S.E. Local 1	P	U	1		
Rodney F. Kaiser	J.R. Clancy Inc.	J.R. Clancy, Inc.	P	CP			
Jack Suesse	J.R. Clancy, Inc. (NC)	J.R. Clancy, Inc.	A	CP			
Thomas S. Young	J.R. Clancy Inc.	J.R. Clancy, Inc.	A	CP			

Mike Garl	James Thomas Engineering, Inc.	James Thomas Engineering, Inc.	P	MP	1		
Chris Purpura	Jones & Phillips Associates, Inc.	Jones & Phillips Associates, Inc.	A	G	1		
William Beautyman	Limelight Productions, Inc.	Limelight Productions, Inc.	P	DR	1		
Louis Bradfield	Louis Bradfield	Louis Bradfield	I	U			
Harvey Sweet	LVH Entertainment Systems	LVH Electric, Inc.	P	DR	1		
Bradford A. Kegel	National Production Services Inc.	National Production Services Inc.	P	U			
Tim Hansen	Oasis Stage Werks	Oasis Stage Werks	P	DR			
Robert A. Grenier Jr.	Ocean State Rigging Systems Inc.	Ocean State Rigging Systems Inc.	P	DR			
JoAnna Lloyd	Ocean State Rigging Systems Inc.	Ocean State Rigging Systems Inc.	A	DR			
Richard Nix	Performance Systems Integration	Performance Systems Integration	P	G	1		
Ron Bonner	PLASA	PLASA	P	G	1		
Michael Akrep	Polar Focus, Inc.	Polar Focus, Inc.	P	MP			
Bill Sapsis	Sapsis Rigging, Inc.	Sapsis Rigging, Inc.	P	U	1		
Peter A. Scheu	Scheu Consulting Services	Scheu Consulting Services	P	G	1		
Dan Culhane	SECOA	SECOA	P	CP	1		
Larry Lutz	Texas Scenic Company	Texas Scenic Company	P	CP			
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	P	G			
John C. Snook	Thermotex Industries Inc.	Thermotex Industries Inc.	P	CP			
Jeff Wilkowski	Thern, Inc.	Thern, Inc.	P	MP	1		
Richard Thompson	Thompson Associates	Thompson Associates	P	G	1		
Brian Dowd	TMB (NJ)	TMB	P	CP	1		
Keith Bohn	Tomcat USA, Inc.	Tomcat USA, Inc.	P	MP			
Mitch Clark	Tomcat USA, Inc.	Tomcat USA, Inc.	A	MP			
John James	Tomcat USA, Inc.	Tomcat USA, Inc.	A	MP			
Peter Hind	Total Structures, Inc.	Total Structures, Inc.	P	MP			
Ian Coles	Total Structures, Inc.	Total Structures, Inc.	A	MP			
Peter Johns	Total Structures, Inc.	Total Structures, Inc.	A	MP			
Doug Recher	Total Structures, Inc.	Total Structures, Inc.	A	MP			
Hans van der Moolen	Verlinde N.L.	Verlinde Spa. France	P	MP	1		
Peter Happe	Walt Disney Imagineering	Walt Disney	P	U	1		
Robin Crews	Wrightson, Johnson, Haddon & Williams, Inc.	Wrightson, Johnson, Haddon & Williams, Inc.	P	G			
				Totals	21	0	0
				G	7	0	0
				U	5	0	0
				MP	5	0	0
				CP	2	0	0
				DR	2	0	0

7.5 E1.8 – Speaker enclosures rigging standard

Ted Paget moved that the proposed comment resolutions (Rig/2003-2005) be accepted. The motion was seconded. There was a discussion. The motion failed on a show of hands with five voting in favor, six voting against, and the rest abstaining.

There was a discussion of what needed to be changed to win a passing vote. Andrew Martin took notes and asked questions until he felt that he had enough guidance to revise the resolutions. The resolutions shall be revised and resubmitted to the working group.

7.6 E1.15 – Boom & base standard

Richard Nix reported that the task group had drafted proposed resolutions to about half the public review comments. He stated that he intends to have a full set of proposed resolutions done in time for the next meeting.

7.7 E1.21 – Stage roofs standard

The task group leader, Keith Bohn, was not present. Task group member Shawn Nolan said that the task group thinks it will have something for the working group to vet at the next meeting.

7.8 E1.22 – Fire safety curtains

Mike Garl reported that the Technical Standards Committee had voted at its meeting to accept the motion to send BSR E1.22 to public review.

7.9 Hoist control connector report

Brian Dowd apologized for not having a report ready for the meeting. He said that he intends to have it ready for the next meeting.

8 New business

None.

9 Other business

Karl Ruling distributed a sheet describing how to sign up for the archived ESTA email reflectors (a.k.a. the ESTA email forums).

10 Schedule for future meetings

Mike Garl announced that the next working group meeting would be at the Dallas/Ft. Worth Airport Marriott South in Ft. Worth, Texas. It is scheduled for Friday, 25 July, at 7:00 at night. The following meeting will be held in conjunction with the LDI trade show and will be at the Sheraton World Resort in Orlando, Florida. It is scheduled for Wednesday, 19 November at 7:00 at night.

11 Changes of membership status resulting from lack of attendance.

The following principals (and their alternates, if they have them) had missed the previous two meetings and had now missed a third:

Louis Bradfield

Bradford A. Kegel; National Production Services Inc.

Mike Garl announced that the above have now been moved to observer status because they had failed to meet the attendance requirements for voting members. Mike Garl noted that Louis Bradfield had wanted to be at this meeting, but he had other commitments that prevented him from attending this meeting.

12 Adjournment

Bill Sapsis moved that the meeting adjourn. The motion was seconded. Mike Garl said that unless there was an objection he would declare the meeting adjourned. There were no objections. Mike Garl declared the meeting adjourned at 20:30.

Rigging Membership and Contact Information

Name	Company	Representing (soft field)	Voting status	Interest cat.
Baer Long	Ninja Rigging	Act 1 Rigging Inc.	P	G
Andre Broucke	ADB - TTV Technologies	ADB-TTV Group	O	MP
Michael G. Wiener	Aerial Rigging & Leasing, Inc.	Aerial Rigging & Leasing, Inc.	O	U
Andy Sutton	AFX UK Ltd.	AFX UK Ltd.	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	MP
Andrew T. Martin	ATM Group, Inc.	ATM Group, Inc.	P	MP
Dennis J. Lopez	Automatic Devices Co.	Automatic Devices Co.	O	MP
Buddy Braile	Bestek Lighting & Staging	Bestek Lighting & Staging	O	U
Lee J. Bloch	Blue Sky Design, Ltd.	Blue Sky Design, Ltd.	O	G
Eric Todd	BML Inc.	BML Inc.	O	MP
Paul Tardue	BML Inc.	BML Inc.	O	MP
Joachim Stoecker	CAMCO GmbH	CAMCO GmbH	O	MP
Mark M. Witteveen	Chicago Flyhouse Inc.	Chicago Flyhouse Inc.	O	U
Ted Jones	Chicago Spotlight, Inc.	Chicago Spotlight, Inc.	O	U
Don Dimitroff	Columbus McKinnon Corp.	Columbus McKinnon Corp.	P	MP
Wally Blount	Columbus McKinnon Corp.	Columbus McKinnon Corp.	A	MP
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	G
Wes Jenkins	Down Stage Right Industries	Down Stage Right Industries	O	CP
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	DR
David M. Campbell	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	MP
Delbert Hall	Hall Associates Inc.	Hall Associates Inc.	O	U
Jeffrey Hoffend	Hoffend & Sons, Inc.	Hoffend & Sons, Inc.	P	CP
Peter Hoffend	Hoffend & Sons, Inc.	Hoffend & Sons, Inc.	A	CP
Edwin S. Kramer	I.A.T.S.E. Local 1	I.A.T.S.E. Local 1	P	U
G. Anthony Phillips	I.A.T.S.E. Local 16	I.A.T.S.E. Local 16	O	U
Gregory C. Collis	I.A.T.S.E. Local 16	I.A.T.S.E. Local 16	O	G
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
Rodney F. Kaiser	J.R. Clancy Inc.	J.R. Clancy, Inc.	P	CP
Jack Suesse	J.R. Clancy, Inc.	J.R. Clancy, Inc.	A	CP
Thomas S. Young	J.R. Clancy Inc.	J.R. Clancy, Inc.	A	CP
Mike Garl	James Thomas Engineering, Inc.	James Thomas Engineering, Inc.	P	MP
Tray Allen	James Thomas Engineering, Inc.	James Thomas Engineering, Inc.	A	MP
Jay O. Glerum	Jay O. Glerum & Associates, Inc.	Jay O. Glerum & Associates, Inc.	O	U
Chuck McClelland	Jeamar Winches Inc.	Jeamar Winches Inc.	O	MP
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.	P	G
Christopher Purpura	Jones & Phillips Associates, Inc.	Jones & Phillips Associates, Inc.	A	G

Nevin Kleege	Kleege Industries	Kleege Industries	O	U
William Beautyman	Limelight Productions, Inc.	Limelight Productions, Inc.	P	DR
Louis Bradfield	Louis Bradfield	Louis Bradfield	O	U
Harvey Sweet	LVH Entertainment Systems	LVH Electric, Inc.	P	DR
Kevin Dallmeyer	Mandalay Resort Group	Mandalay Resort Group	O	U
Charles E. Gorgen	Midwest Crane Corp.	Midwest Crane Corp.	O	MP
Kent H. Jorgensen	MPS Grips, Local 80	MPS Grips, Local 80	O	G
Bradford A. Kegel	National Production Services Inc.	National Production Services Inc.	O	U
Tracy Nunnally	Northern Illinois University	Northern Illinois University	O	U
Ted Hickey	OAP Audio Products	OAP Audio Products	O	MP
Tim Hansen	Oasis Stage Werks	Oasis Stage Werks	P	DR
Gary Justesen	Oasis Stage Werks	Oasis Stage Werks	O	U
Robert A. Grenier Jr.	Ocean State Rigging Systems Inc.	Ocean State Rigging Systems Inc.	P	DR
JoAnna Lloyd	Ocean State Rigging Systems Inc.	Ocean State Rigging Systems Inc.	A	DR
Olaf Soot	Olaf Soot Associates	Olaf Soot Associates	O	CP
Joseph Rapier	Parkhill, Smith & Cooper, Inc.	Parkhill, Smith & Cooper, Inc.	O	CP
Patrick Stansfield	Patrick Stansfield Assoc., Inc.	Patrick Stansfield Assoc., Inc.	O	U
John Jones	PCM/Pfaff Silberblau Ltd.	PCM/Pfaff Silberblau Ltd.	O	DR
Richard J. Nix	Performance Systems Integration	Performance Systems Integration	P	G
Peter Letzelter-Smith	Peter Letzelter-Smith	Peter Letzelter-Smith	O	U
Billy Phillips	Phillips Rigging	Phillips Rigging	O	CP
Ron Bonner	PLASA	PLASA	P	G
Tony Douglas-Beveridge	PLASA	PLASA	A	G
Michael Akrep	Polar Focus, Inc.	Polar Focus, Inc.	P	MP
Marc Hendriks	Prolyte	Prolyte	O	MP
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
Thomas M. Granucci	Associated Students, Cox Arena	San Diego State University	O	U
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	CP
Jerald Kraft	SECOA	SECOA	A	CP
Luigi Sbalzarini	Selvolina SNC	Selvolina SNC	O	MP
Robert Barbagallo	Solotech Inc.	Solotech Inc..	O	DR
Jon Lagerquist	South Coast Repertory	South Coast Repertory	O	U
Jerrold S. Tiers	St. Louis Music Inc.	St. Louis Music Inc.	O	MP
Shawn Nolan	Entertainment Structures Group	Steven Schafer Associates	O	G
Reuben Goldberg	Technic Services	Technic Services	O	U
Larry Lutz	Texas Scenic Company	Texas Scenic Company	P	CP
Richard C. Mecke	Texas Scenic Company	Texas Scenic Company	O	CP
Alan Broadhurst	The Broadhurst Partnership	The Broadhurst Partnership	O	P
Michael Patterson	Theatre Projects Consultants, Inc.	Theatre Projects Consultants	O	U
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	P	G
Ed Nicholas	Theatrical Lighting Systems, Inc.	Theatrical Lighting Systems, Inc.	O	DR

F. Robert Bauer	Theatrix Inc.	Theatrix Inc.	O	DR
John Van Lennep	Theatrix Inc.	Theatrix Inc.	O	DR
John C. Snook	Thermotex Industries Inc.	Thermotex Industries Inc.	P	CP
Jeff Wilkowski	Thern, Inc.	Thern, Inc.	P	MP
Thomas Paterson	Thomas Paterson	Thomas Paterson	O	G
Richard D. Thompson	Thompson Associates	Thompson Associates	P	G
Brian Dowd	TMB	TMB	P	CP
Keith Bohn	Tomcat USA, Inc.	Tomcat USA, Inc.	P	MP
Mitch Clark	Tomcat USA, Inc.	Tomcat USA, Inc.	A	MP
John James	Tomcat USA, Inc.	Tomcat USA, Inc.	A	MP
Peter Hind	Total Structures, Inc.	Total Structures, Inc.	P	MP
Ian Coles	Total Structures, Inc.	Total Structures, Inc.	A	MP
Peter Johns	Total Structures, Inc.	Total Structures, Inc.	A	MP
Doug Recher	Total Structures, Inc.	Total Structures, Inc.	A	MP
Hans van der Moolen	Verlinde N.L.	Verlinde Spa. France	P	MP
Eckart Steffens	SOUNDLIGHT	VPLT	O	G
Hank Miller	W.E. Palmer Co.	W.E. Palmer Co.	O	CP
Rand Goddard	W.E. Palmer Co.	W.E. Palmer Co.	O	CP
Pete Happe	Walt Disney Imagineering	Walt Disney	P	U
Warren A. Bacon	Warren A. Bacon	Warren A. Bacon	O	U
Melvin Wierenga	Wierenga & Assoc.	Wierenga & Assoc.	O	DR
Robin Crews	Wrightson, Johnson, Haddon & Williams, Inc.	Wrightson, Johnson, Haddon & Williams, Inc.	P	G
Ray Robins	XS Lighting, Inc.	XS Lighting, Inc.	O	CP
Robert Dean	ZFX Inc.	ZFX Inc.	O	CP

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