

Minutes
RIGGING WORKING GROUP

Friday, 14 July 2006
Dallas/Ft. Worth Airport Marriott South
Ft. Worth, Texas

Presiding chairman: Kent H. Jorgensen; IATSE Local 80; P; G

Recording secretary: Karl G. Ruling; ESTA

Members attending:

William Conner; Bill Conner Associates LLC, representing the Amer. Society of Theatre Consultants; P; U
Charlie Weiner; P; U
Wally Blount; Columbus McKinnon Corp.; A; MP
Don Dimitroff; Columbus McKinnon Corp.; P; MP
M. Brad Dittmer; Downhome Productions; P; U
Edwin S. Kramer; I.A.T.S.E. Local 1; P; U
Rodney F. Kaiser; J.R. Clancy Inc.; P; CP
Mike Garl; James Thomas Engineering, Inc.; P; MP
Steven Graham; R&M Materials Handling (KCI Konecranes); P; MP (joined at this meeting)
Harvey Sweet; LA ProPoint, Inc.; P; DR
James B. Evans; Mountain Productions Inc.; P; DR
Tim Hansen; Oasis Stage Werks; P; DR
Ron Bonner; PLASA; P; G
Peter A. Scheu; Scheu Consulting Services; P; G
Jack P. Hagler; Schuler Shook; P; G (joined at this meeting)
Kimberly Corbett; Schuler Shook; A; G (joined at this meeting)
Dan Culhane; SECOA; P; CP
Steve Walker; Steve A. Walker & Associates; P; G
Richard J. Nix; Entertainment Structures Group (Steven Schaefer Associates); P; G
Christine L. Kaiser; Syracuse Scenery & Stage Lighting Co., Inc.; P; DR
Mark Newlin; Texas Scenic Company; P; CP
James Niesel; Theatre Projects Consultants, Inc.; P; G
Jerry Gorrell; Theatre Safety Programs; P; G
John C. Snook; Thermotex Industries Inc.; P; CP
Keith Bohn; Tomcat USA, Inc.; P; MP
Adrian Forbes-Black; Total Structures Inc.; P; MP
Pete Happe; Walt Disney Imagineering (Walt Disney Company); P; U
Robin Crews; Wrightson, Johnson, Haddon & Williams, Inc.; O; G

Visitors: Roger L. Lattin; IATSE Local 728
Tim Wade; IATSE Local 600

1 Opening remarks

Kent Jorgensen called the meeting to order at 19:01.

2 Attendance and membership

2.1 Introduction of those present

Those present introduced themselves.

2.2 Circulation of attendance sign-in sheet

A lavender sign-in sheet was circulated.

2.3 Call for quorum

Kent Jorgensen asked voters to raise their hands. He announced that we have a quorum.

2.4 Requirements for membership

The following requirements for membership was read by Kent Jorgensen:

"Membership is open to all who are affected by the work of the group. People who would be in the dealer/rental company or user interest groups are particularly encouraged to join. 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."

3 Processing of new membership requests

The following people had applied for voting status in the following interest categories:

Lee Peekstok; Newtex Industries; P; CP
Adrian Forbes-Black; Total Structures, Inc.; P; MP
Steven Graham; R&M Materials Handling; parent company, KCI Konecranes; P; MP
Jack Hagler; Schuler Shook; P; G

There was a discussion of the parent company for R&M Materials Handling. The line of hoists they represent is Stagemaker by Verlinde, which is owned by KCI Konecranes. It was agreed that Graham would be listed as principal with Hans van der Moolen as the alternate for KCI Konecranes.

Tim Hansen moved that the applications be accepted, but that Peekstok be accepted as an observer because he is not present and regular meeting attendance is a duty of voting members. The motion was seconded. The motion was approved with a show of hands.

Kimberly Corbett of Schuler Shook then submitted an application to be an alternate to Jack Hagler. Dan Culhane moved that her application be accepted. The motion was seconded. The motion was approved with a show of hands.

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

Name	Company	Representing (This is the primary sort field.)	Voting status	Int. cat.
William Conner	Bill Conner Associates LLC	Amer. Society of Theatre Consultants	P	U
William Bradburn	Clowes Memorial Hall	Butler University	P	U
Charlie Weiner	Charlie Weiner	Charlie Weiner	P	U
Ted Jones	Chicago Spotlight, Inc.	Chicago Spotlight, Inc.	P	U
Don Dimitroff	Columbus McKinnon Corp.	Columbus McKinnon Corp.	P	MP
Wally Blount	Columbus McKinnon Corp.	Columbus McKinnon Corp.	A	MP
Howard R. Ott	D.E.O. Associates, Inc.	D.E.O. Associates, Inc.	P	G
M. Brad Dittmer	Downhome Productions	Downhome Productions	P	U
Joseph Champelli	Fisher Technical Services, Inc.	FTSI	P	CP
Reid Neslage	H & H Specialties Inc.	H & H Specialties Inc.	P	MP
Pat Grenfell	Hoffend & Sons, Inc.	Hoffend & Sons, Inc.	P	CP
Peter Hoffend	Hoffend & Sons, Inc.	Hoffend & Sons, Inc.	A	CP
Damon Atwood	Hoffend & Sons	Hoffend & Sons, Inc.	A	CP
Edwin S. Kramer	I.A.T.S.E. Local 1	I.A.T.S.E. Local 1	P	U
Kent H. Jorgensen	IATSE Local 80	IATSE Local 80	P	G
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

Name	Company	Representing (This is the primary sort field.)	Voting status	Int. cat.
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
Steven Graham	R&M Materials Handling	KCI Konecranes	P	MP
Hans van der Moolen	Stagemaker Division Europe	KCI Konecranes	A	MP
Harvey Sweet	LA ProPoint, Inc.	LA ProPoint, Inc.	P	DR
William Beautyman	Limelight Productions, Inc.	Limelight Productions, Inc.	P	DR
Bob Medve	Limelight Productions, Inc.	Limelight Productions, Inc.	A	DR
Michael J. Carnaby	Mikan Theatricals	Mikan Theatricals	P	DR
James B. Evans	Mountain Productions Inc.	Mountain Productions Inc.	P	DR
Tim Hansen	Oasis Stage Werks	Oasis Stage Werks	P	DR
Ron Bonner	PLASA	PLASA	P	G
Bill Sapsis	Sapsis Rigging, Inc.	Sapsis Rigging, Inc.	P	U
Peter A. Scheu	Scheu Consulting Services	Scheu Consulting Services	P	G
Jack Hagler	Schuler Shook	Schuler Shook	P	G
Kimberly Corbett	Schuler Shook	Schuler Shook	A	G
Dan Culhane	SECOA	SECOA	P	CP
Jerald Kraft	SECOA	SECOA	A	CP
Olan Cottrill	Staging Productions, Inc.	Staging Productions, Inc.	P	DR
Steve Walker	Steve A. Walker & Associates	Steve A. Walker & Associates	P	G
Richard J. Nix	Entertainment Structures Group	Steven Schaefer Associates	P	G
Shawn Nolan	Entertainment Structures Group	Steven Schaefer Associates	A	G
Christine L. Kaiser	Syracuse Scenery & Stage Lighting Co., Inc.	Syracuse Scenery & Stage Lighting Co., Inc.	P	DR
Mark Newlin	Texas Scenic Company	Texas Scenic Company	P	CP
James Niesel	Theatre Projects Consultants, Inc.	Theatre Projects Consultants, Inc.	P	G
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
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
Adrian Forbes-Black	Total Structures, Inc.	Total Structures, Inc.	P	MP
Pete Happe	Walt Disney Imagineering	Walt Disney Company	P	U
		Total votes	37	
			7	MP
			6	CP
		Votes by interest category	7	DR
			8	U
			9	G

4 Approval of minutes from the previous meeting (Rig/2006-2021)

Dan Culhane noted that 9.2 contained an incomplete sentence. Karl Ruling fixed the text and created a Rig/2006-2021r1 version. Culhane moved that the document be accepted. The motion was seconded and then approved by a show of hands.

5 ESTA declarations

5.1 Anti-trust statement

Jorgensen read the following 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 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."

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

5.2 Call for patents

Jorgensen read the following statement aloud to the assembly:

"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 issues were brought to the attention of the assembly.

6 Approval of agenda

7 Old business

7.1 BSR E1.1-200X, wire rope ladders revision

Ruling reported that the ESTA Board had approved it and it had been submitted to ANSI. Approval is pending.

7.2 BSR E1.2-200x, aluminum towers and trusses revision

Ruling reported that the TSC approved the document as an American National Standard on a letter ballot that closed May 25, with 14 out of a possible 16 voting "Yes." Two TSC members did not vote. The ESTA Board approved it, too, and ANSI approved it yesterday, on July 13.

7.3 BSR E1.4, manual rigging systems

The proposed comment resolution document Rig/2006-2030, file name E1-4_8thCmmntResols.pdf, was discussed. It was decided to change the proposed resolutions to comments 48 and 53 to "reject" with the reason being:

The document establishes minimum performance and design criteria. Section 3.0 defines performance criteria, and section 6.0 defines design criteria. Other materials are not excluded and must still meet these requirements. The net result is that the proposed change does not significantly impact the overall intent of the standard.

Dan Culhane moved that the changes to resolutions 48 and 53 be accepted. The motion was seconded. The motion carried with a show of hands, with 24 voting in favor, except for two voting No. The Yes votes constituted a supermajority of the working group.

Richard Nix moved that all the other resolutions in the proposed resolution document be accepted. The motion was seconded. There was discussion. One member argued that the industry would be better served without this draft standard as it is than with it. There was further discussion about the worth of the standard, in which some pointed out that questioning the worth of the standard was not relevant to the motion about approving the comment resolutions.

The motion was accepted by a show of hands, with 21 voting Yes, three voting No, and two abstentions. The Yes votes were a supermajority of the working group. The resulting document was Rig/2006-2030r1, file name E1-4_8thCmmntResolsR1.pdf.

Richard Nix moved that an r13 version of the draft E1.4 standard document (one without changes in response to comments 48 and 53, since those are now being rejected) be accepted as an American National Standard. The motion was seconded by Eddie Kramer. The question will be decided by letter ballot, since all voters must be given an opportunity to vote on the final approval of a standard, and the r13 version had not been the subject of the absentee ballots that were solicited before the meeting.

7.4 E1.6-1, powered winch hoist systems

The motion for public review had carried but with two No votes objecting to the comments of the draft standard. See document Rig/2006-2028, file name FinalSmmryE1-6-1WG_PubRvwVote.pdf.

Harvey Sweet moved that the objections be resolved by handling them as public review comments. The motion was seconded. The motion was approved with a show of hands, with 20 voting in favor, two voting against, and four abstentions.

7.5 E1.6-2, electric chain hoist systems

Comments were received during the public review. See document Rig/2006-2027, file name SmmryE1-6-2FrstRevwCommnts.pdf.

Wally Blount reported that the task group has drafted proposed resolutions for all the comments, but that the changes need to be put into the document. The task group proposes starting another part of this project E1.6-3, to deal with the use of chain hoists.

Blount described the great premeeting voting tool that Chris Kaiser developed. Chris Kaiser said that it had been developed by Harvey Sweet, and she simply borrowed it. This allowed task group members to indicate their suggested comment resolutions before the task group met, so that only the comments over which there was disagreement were discussed. This saved a lot of time.

Blount asked that Adrian Black and Don Dimitroff be added to the task group. They were appointed by Kent Jorgensen without objection from the working group.

Mark Newlin moved that the proposed resolutions be accepted and that the revised draft standard be offered for public review. The motion was seconded. The documents shall be circulated when they are ready, and the motion shall be decided by letter ballot.

Wally Blount announced that he is resigning from the task group and the working group and is retiring from the industry. He suggested that Dan Culhane be appointed as the task group leader. The suggestion was approved by the working group by acclamation. The working group also applauded Wally Blount for his contributions to the working group and to the industry.

7.6 ANSI E1.8-2005, speaker enclosures for rigging standard

Karl Ruling reported that he had no news. It's published.

7.7 ANSI E1.15-2006, boom & base assemblies

Karl Ruling reported that he had no news. It's published.

7.7 ANSI E1.21-2006, portable roof systems

Ruling reported that ANSI approved it on 22 May 2006. It's now published.

7.8 BSR E1.22, fire safety curtain systems

The public review ended March 29 and the comments are recorded in the comment summary document Rig/2006-2020, file name E1-22_3rdReviewSummary.pdf.

Harvey Sweet said that the task group had just about finished drafting resolutions and a revised draft standard. He moved that the resolutions be accepted and that the revised draft standard be offered for public review. The motion was seconded. The motion will be decided by letter ballot, which will be distributed with the documents when they are ready.

Jim Niesel and Chris Kaiser were appointed to serve on the fire curtain task group by Kent Jorgensen. There were no objections.

8 New business

Bill Conner reported on the five ICC proposals that he thought would be of interest to the working group.

Ron Bonner reported on the CEN Workshop Agreement 25 meeting in London. The contingent from Germany wasn't there because their flight had mechanical problems with the plane. The project has been broken down into little task groups, with Bonner serving on the trusses task group. The British code for trusses was adopted as the base document, which is good because that is based on ANSI E1.2.

9 Other business

Chris Kaiser said she wants a video projector to be available for all the meetings. Karl Ruling said there was no one to mind it and to set it up; he refused to serve as an AV equipment monitor, although he had done that in high school. Roger Lattin and Eddie Kramer offered to deal with video projectors.

10 Schedule for future meetings

It was announced that the next working group meeting is scheduled for 19:00 to 23:00 on Wednesday, 18 October 2006, at the Las Vegas Hilton, 3000 Paradise Road, Las Vegas, Nevada.

11 Changes of membership status resulting from lack of attendance.

Howard R. Ott; D.E.O. Associates, Inc. was not present and had now missed three consecutive meetings. Kent Jorgensen announced that Howard Ott was now an observer, because he had failed to meet the minimum meeting attendance requirement for voting members.

12 Adjournment

Brad Dittmer moved that the meeting adjourn. The motion was seconded. The motion was approved with a voice vote. Kent Jorgensen declared the meeting was adjourned at 20:45.

Working Group Membership and Contact Information as of 24 July 2006

Name	Company	Representing	Voting status	Int. cat.
Baer Long	Ninja Rigging	Act 1 Rigging Inc.	O	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	Bill Conner Associates LLC	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.	O	MP
Dennis J. Lopez	Automatic Devices Co.	Automatic Devices Co.	O	MP
Jiantong Wu	Beijing Special Engineering Design & Research Institute	Beijing Special Engineering Design & Research Institute	O	G
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	MP
Paul Tardue	BML Inc.	BML Inc.	O	MP
William Bradburn	Clowes Memorial Hall	Butler University	P	U
Joachim Stoecker	CAMCO GmbH	CAMCO GmbH	O	MP
Charles E. Gorgen	Charles E. Gorgen	Charles E. Gorgen	O	G
Charlie Weiner	Charlie Weiner	Charlie Weiner	P	U
Mark M. Witteveen	Chicago Flyhouse Inc.	Chicago Flyhouse Inc.	O	U
Ted Jones	Chicago Spotlight, Inc.	Chicago Spotlight, Inc.	P	U
Julie Rogers	City of Phoenix Civic Plaza	City of Phoenix	O	G
Steve Gonnella	City of Phoenix, Theater Division	City of Phoenix	O	U
Don Dimitroff	Columbus McKinnon Corp.	Columbus McKinnon Corp.	P	MP
Mylan Lester	Creation Logics Ltd.	Creation Logics Ltd.	O	U
Howard R. Ott	D.E.O. Associates, Inc.	D.E.O. Associates, 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	Downhome Productions	P	U
F. Robert Bauer	F.R. Bauer & Associates, LLC	F.R. Bauer & Associates, LLC	O	G
Cristina Delboni	Feeling Structures	Feeling Structures	O	MP
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
Joseph Champelli	Fisher Technical Services, Inc.	FTSI	P	CP
David M. Campbell	Geiger Engineers	Geiger Engineers	O	G
Timothy Mills	Geiger Engineers	Geiger Engineers	O	G
Paul Brady	Grand Stage Company, Inc.	Grand Stage Company, Inc.	O	U
Kevin Denis	Gravitec Systems, Inc.	Gravitec Systems, Inc.	O	CP
Reid Neslage	H & H Specialties Inc.	H & H Specialties Inc.	P	MP
Delbert Hall	Hall Associates Inc.	Hall Associates Inc.	O	U
Pat Grenfell	Hoffend & Sons, Inc.	Hoffend & Sons, Inc.	P	CP
Peter Hoffend	Hoffend & Sons, Inc.	Hoffend & Sons, Inc.	A	CP
Damon Atwood	Hoffend & Sons	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
Michael Di Ieso	IATSE Local 481	IATSE Local 481	O	U
Kent H. Jorgensen	IATSE Local 80	IATSE Local 80	P	G

Name	Company	Representing	Voting status	Int. cat.
Gian Carlo C. Bartolotti	Ibeam SP / Banco de Eventos	Ibeam SP / Banco de Eventos	O	U
Michael Keppler	Bogen	IFF	O	MP
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
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.	O	G
Christopher Purpura	Jones & Phillips Associates, Inc.	Jones & Phillips Associates, Inc.	O	G
Steven Graham	R&M Materials Handling	KCI Konecranes	P	MP
Hans van der Moolen	Stagemaker Division Europe	KCI Konecranes	A	MP
Nevin Kleege	Kleege Industries	Kleege Industries	O	U
Harvey Sweet	LA ProPoint, Inc.	LA ProPoint, Inc.	P	DR
William Beautyman	Limelight Productions, Inc.	Limelight Productions, Inc.	P	DR
Bob Medve	Limelight Productions, Inc.	Limelight Productions, Inc.	A	DR
Louis Bradfield	Louis Bradfield	Louis Bradfield	O	U
Michael L. Savage, Sr.	Middle Dept. Inspection Agency, Inc.	Middle Dept. Inspection Agency, Inc.	O	G
Michael J. Carnaby	Mikan Theatricals	Mikan Theatricals	P	DR
Todd Petersen	Mixed Productions	Mixed Productions	O	U
James B. Evans	Mountain Productions Inc.	Mountain Productions Inc.	P	DR
Bradford A. Kegel	National Production Services Inc.	National Production Services Inc.	O	U
Lee Peekstok	Newtex Industries	Newtex Industries	O	CP
François Deffarges	Nexo	Nexo	O	MP
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	DR
Robert A. Grenier Jr.	Ocean State Rigging Systems Inc.	Ocean State Rigging Systems Inc.	O	DR
Olaf Soot	Olaf Soot Associates	Olaf Soot Associates	O	CP
Joseph Rapier	Parkhill, Smith & Cooper, Inc.	Parkhill, Smith & Cooper, Inc.	O	CP
Ron Bonner	PLASA	PLASA	P	G
Michael Akrep	Polar Focus, Inc.	Polar Focus, Inc.	O	MP
Michael Patterson	Pook Diemont & Ohl, Inc.	Pook Diemont & Ohl, Inc.	O	CP
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
Heinz Siller	RST Prsentations-systeme	RST Prsentations-systeme	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
Jack P. Hagler	Schuler Shook	Schuler Shook	P	G
Kimberly Corbett	Schuler Shook	Schuler Shook	A	G

Name	Company	Representing	Voting status	Int. cat.
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
Olan Cottrill	Staging Productions, Inc.	Staging Productions, Inc.	P	DR
Roger Barrett	Star Events Group Ltd.	Star Events Group Ltd.	O	DR
Steve Walker	Steve A. Walker & Associates	Steve A. Walker & Associates	P	G
Richard J. Nix	Entertainment Structures Group	Steven Schaefer Associates	P	G
Shawn Nolan	Entertainment Structures Group	Steven Schaefer Associates	A	G
Christine L. Kaiser	Syracuse Scenery & Stage Lighting Co., Inc.	Syracuse Scenery & Stage Lighting Co., Inc.	P	DR
Reuben Goldberg	Technic Services	Technic Services	O	U
Mark Newlin	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
James Niesel	Theatre Projects Consultants, Inc.	Theatre Projects Consultants, Inc.	P	G
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	P	G
Ed Nicholas	Theatrical Lighting Systems, Inc.	Theatrical Lighting Systems, 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
Tim Franklin	Theta-Consulting	Theta-Consulting	O	G
Thomas Paterson	Thomas Paterson	Thomas Paterson	O	G
Richard D. Thompson	Thompson Associates	Thompson Associates	O	G
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
Adrian Forbes-Black	Total Structures Inc.	Total Structures Inc.	P	MP
Ian Coles	Total Structures, Inc.	Total Structures, Inc.	O	MP
Peter Johns	Total Structures, Inc.	Total Structures, Inc.	O	MP
Doug Recher	Total Structures, Inc.	Total Structures, Inc.	O	MP
Peter Hind	Anthony Ward Partnership Ltd.	Total Structures, Inc.	O	MP
JoAnna Kamorin-Lloyd	Vincent Lighting Systems	Vincent Lighting Systems	O	U
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 Company	P	U
Warren A. Bacon	Warren A. Bacon	Warren A. Bacon	O	U
Robin Crews	Wrightson, Johnson, Haddon & Williams, Inc.	Wrightson, Johnson, Haddon & Williams, Inc.	O	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