

DRAFT
Minutes
RIGGING WORKING GROUP
Wednesday, 9 November 2005
Rosen Plaza Hotel
Orlando, FL

- Presiding chairman:** Bill Sapsis; Sapsis Rigging, Inc.; P; U
- Recording secretary:** Karl G. Ruling; ESTA
- Members attending:** William Conner; Bill Conner Associates LLC, representing the Amer. Society of Theatre Consultants; P; U
William Bradburn; Clowes Memorial Hall (Butler University); P; U (joined at this meeting)
Ted Jones; Chicago Spotlight, Inc.; P; U
Wally Blount; Columbus McKinnon Corp.; A; MP
Don Dimitroff; Columbus McKinnon Corp.; P; MP
Howard R. Ott; D.E.O. Associates, Inc.; P; G
M. Brad Dittmer; Downhome Productions; P; U
F. Robert Bauer; F.R. Bauer & Associates, LLC; O; G
Rocky Paulson; Stage Rigging, Inc. (Freeman Companies); O; DR
Joseph Champelli; Fisher Technical Services, Inc. (FTSI); P; CP
Reid Neslage; H & H Specialties Inc.; P; MP
Damon Atwood; Hoffend & Sons; A; CP
Edwin S. Kramer; I.A.T.S.E. Local 1; P; U
Kent H. Jorgensen; IATSE Local 80; P; G
Rodney F. Kaiser; J.R. Clancy Inc.; P; CP
Nevin Kleege; Kleege Industries; O; U
Harvey Sweet; LA ProPoint, Inc.; P; DR (joined at this meeting)
Michael J. Carnaby; Mikan Theatricals; P; DR
Richard Nix; Performance Systems Integration; P; G
Ron Bonner; PLASA; P; G
Peter A. Scheu; Scheu Consulting Services; P; G
Dan Culhane; SECOA; P; CP
Shawn Nolan; Entertainment Structures Group (Steven Schafer Assoc.); 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
Jeff Wilkowski; Thern, Inc.; P; MP
Keith Bohn; Tomcat USA, Inc.; P; MP
Hans van der Moolen; Stagemaker Division Europe (Verlinde Spa. France); P; MP
Charlie Weiner; Walt Disney World (Walt Disney Company); P; U (joined at this meeting)
Robin Crews; Wrightson, Johnson, Haddon & Williams, Inc.; O; G
- Visitors:** Eddie Raymond; IATSE Local 16
Tim Wade, IATSE Local 600
Bob Medve; Limelight Productions

1 Opening remarks

Bill Sapsis called the meeting to order at 19:06.

2 Attendance and membership

2.1 Introduction of those present

Those present introduced themselves.

2.2 Circulation of attendance sign-in sheet

A trillium attendance sign-in sheet was circulated.

2.3 Call for quorum (33 voting members: 11 needed for quorum, 17 to pass supermajority votes)

Bill Sapsis asked for a show of hands of voting members. He announced that more than enough voters were present for a quorum.

2.4 Requirements for membership

The following statement was read aloud to the assembly by Bill Sapsis:

"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 membership in the indicated voting and interest categories:

Harvey Sweet; LA ProPoint, Inc.; P; DR

Julie Rogers; City of Phoenix Civic Plaza (City of Phoenix); O; G

William Bradburn; Clowes Memorial Hall (Butler University); P; U

Charlie Weiner; Walt Disney World (Walt Disney Company); P; U

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

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

Name	Company	Representing	Voting status	Int. cat.
William Conner	Bill Conner Associates LLC	Amer. Society of Theatre Consultants	P	U
Andrew T. Martin	ATM Group, Inc.	ATM Group, Inc.	P	MP
William Bradburn	Clowes Memorial Hall	Butler University	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
Jeffrey Hoffend	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
Michael Keppler	Bogen	IFF	P	MP
Rodney F. Kaiser	J.R. Clancy Inc.	J.R. Clancy, Inc.	P	CP

Name	Company	Representing	Voting status	Int. cat.
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
Harvey Sweet	LA ProPoint, Inc.	LA ProPoint, Inc.	P	DR
William Beautyman	Limelight Productions, Inc.	Limelight Productions, Inc.	P	DR
Michael J. Carnaby	Mikan Theatricals	Mikan Theatricals	P	DR
Tim Hansen	Oasis Stage Werks	Oasis Stage Werks	P	DR
Richard J. Nix	Performance Systems Integration	Performance Systems Integration	P	G
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
Dan Culhane	SECOA	SECOA	P	CP
Jerald Kraft	SECOA	SECOA	A	CP
Olan Cottrill	Staging Productions, Inc.	Staging Productions, Inc.	P	DR
Shawn Nolan	Entertainment Structures Group	Steven Schafer Associates	P	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
Larry Lutz	Texas Scenic Company	Texas Scenic Company	A	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
Hans van der Moolen	Stagemaker Division Europe	Verlinde Spa. France	P	MP
Carlos Garcia	R&M Materials Handling	Verlinde Spa. France	A	MP
Charlie Weiner	Walt Disney World	Walt Disney Company	P	U
		Total votes	35	
		Votes by interest category	8	MP
			6	CP
			6	DR
			7	U
			8	G

4 Approval of minutes from the previous meeting

Eddie Kramer moved that the minutes of the previous meeting (Rig/2005-2025) be accepted as written. The motion was seconded and then approved with a unanimous show of hands.

5 ESTA declarations

5.1 Anti-trust statement

The following statement was read aloud to the assembly by Bill Sapsis:

"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.

No anti-trust issues were brought to the attention of the assembly.

5.2 Call for patents

The following statement was read aloud to the assembly by Bill Sapsis:

"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 patents or other intellectual property was disclosed.

6 Approval of agenda

A TSC report from the chairman and a discussion of NFPA 80 were added to the draft agenda. Dan Culhane moved that the modified agenda be adopted. The motion was seconded. The motion was approved with a unanimous show of hands

7 TSC report

Bill Sapsis reported that there had been a discussion of the recent NFPA 80 technical committee meeting and the actions taken, and that the TSC will consider doing whatever the Rigging Working Group recommends it do.

8 Old business

8.1 E1.1 — Wire rope ladders

Karl Ruling reported that the document is now in public review.

8.2 E1.2 — Aluminum trusses and towers revised

Karl Ruling reported that the document is now in public review.

8.3 E1.4 — Manual rigging systems

Karl Ruling reported that the document is now in public review.

The people effectively working as the task group on the project were identified as Richard Nix, Reid Neslage, Ted Jones, Rod Kaiser, and Dan Culhane.

8.4 E1.6-1, powered winch hoist systems

Harvey Sweet reported that the task group is close to having a document ready for consideration for public review. He had hoped to have it ready for this meeting, but issues arose. He plans to have it ready by the Ft. Worth meetings.

The people effectively working as the task group on the project were identified as Harvey Sweet, Dan Culhane, Pete Happe, Joe Champelli, Shawn Nolan, Jeff Wilkowski, Peter Scheu, Richard Nix, Chris Kaiser, and Tom Young.

8.5 E1.6-2, electric chain hoist systems

Wally Blount showed a printout of the document and said that it needed a few editorial corrections, but once those were done, he would like the working group to consider offering it for public review.

Keith Bohn moved that the document be offered for public review. The motion was seconded. The edited document will be sent with a letter ballot to the working group to decide the question.

The people effectively working as the task group on the project were identified as Keith Bohn, Wally Blount, Chris Kaiser, Dan Culhane, Charlie Weiner, Carlos Garcia.

8.6 E1.8 — Speaker enclosures

Karl Ruling reported that the standard had been accepted by ANSI on November 3. It will be published as soon as possible, but that probably will be at the beginning of next year.

8.7 E1.15 – Boom & base standard

Karl Ruling reported that the ESTA Board had voted in favor of accepting the document as a standard, but there was one set of negative comments that had been recirculated, and the Board members had until the end of the day, November 24, to change their votes if they wished. There had been no objections from any of the last public review commenters.

8.8 E1.21 – Stage roofs

The people effectively working as the task group on the project were identified as Keith Bohn, Trey Allen, David Campbell, Tim Franklin, Nevin Kleege, Pete Happe, and Shawn Nolan.

Keith Bohn moved that the public review comment resolutions document (Rig/2005-2036) be accepted. The motion was seconded. The motion was approved by a unanimous show of hands, which was a supermajority of the working group.

Keith Bohn moved that the revised document draft standard, BSR E1.21, Entertainment Technology—Temporary Ground-Supported Overhead Structures Used to Cover the Stage Areas and Support Equipment in the Production of Outdoor Entertainment Events (Rig/2002-2003r6), be approved as an American National Standard. The motion was seconded. The motion will be decided by letter ballot to allow all voting members an opportunity to vote on accepting the document as a standard.

8.9 E1.22 – Fire safety curtain systems comment

The people effectively working as the task group on the project were identified as Bill Conner, Harvey Sweet, Ted Paget, Dan Culhane, Ted Jones, Bob Bauer, William Beautyman, Mike Carnaby, Randy Davidson, Pete Happe, Rod Kaiser, Richard Nix, Howard Ott, John Snook, Peter Scheu, and David Gisbourne

Keith Bohn moved that all the task groups identified at this meeting be accepted. The motion was seconded. The motion was approved by a unanimous show of hands, except for one abstention.

Dan Culhane moved that the BSR E1.22 comment resolutions document (Rig/2005-2034) be accepted. The motion was seconded and approved by a unanimous show of hands. This was a supermajority of the working group.

There was a discussion of the language in 10.3 in the draft standard in which it appears that two different types of detectors must be used together. It was decided that one type alone would be sufficient.

Dan Culhane moved that revised draft BSR E1.22 standard (Rig/2002-2032r6) be offered for a third public review. The motion was seconded. The motion was approved by a supermajority of the working group on a roll call ballot.

Name	Company	Representing	Voting status	Int. cat.	Yes	No	Abstain
William Conner	Bill Conner Associates LLC	Amer. Society of Theatre Consultants	P	U	X		
Andrew T. Martin	ATM Group, Inc.	ATM Group, Inc.	P	MP			
William Bradburn	Clowes Memorial Hall	Butler University	P	U	X		
Ted Jones	Chicago Spotlight, Inc.	Chicago Spotlight, Inc.	P	U	X		
Don Dimitroff	Columbus McKinnon Corp.	Columbus McKinnon Corp.	P	MP	X		
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	X		
M. Brad Dittmer	Downhome Productions	Downhome Productions	P	U	X		
Joseph Champelli	Fisher Technical Services, Inc.	FTSI	P	CP	X		
Reid Neslage	H & H Specialties Inc.	H & H Specialties Inc.	P	MP	X		
Jeffrey Hoffend	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	X		
Edwin S. Kramer	I.A.T.S.E. Local 1	I.A.T.S.E. Local 1	P	U	X		
Kent H. Jorgensen	IATSE Local 80	IATSE Local 80	P	G	X		
Michael Keppler	Bogen	IFF	P	MP			
Rodney F. Kaiser	J.R. Clancy Inc.	J.R. Clancy, Inc.	P	CP	X		
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			
Harvey Sweet	LA ProPoint, Inc.	LA ProPoint, Inc.	P	DR	X		
William Beautyman	Limelight Productions, Inc.	Limelight Productions, Inc.	P	DR			
Michael J. Carnaby	Mikan Theatricals	Mikan Theatricals	P	DR	X		
Tim Hansen	Oasis Stage Werks	Oasis Stage Werks	P	DR			
Richard J. Nix	Performance Systems Integration	Performance Systems Integration	P	G	X		
Ron Bonner	PLASA	PLASA	P	G	X		
Bill Sapsis	Sapsis Rigging, Inc.	Sapsis Rigging, Inc.	P	U	X		
Peter A. Scheu	Scheu Consulting Services	Scheu Consulting Services	P	G	X		
Dan Culhane	SECOA	SECOA	P	CP	X		
Jerald Kraft	SECOA	SECOA	A	CP			
Olan Cottrill	Staging Productions, Inc.	Staging Productions, Inc.	P	DR			
Shawn Nolan	Entertainment Structures Group	Steven Schafer Associates	P	G	X		
Christine L. Kaiser	Syracuse Scenery & Stage Lighting Co., Inc.	Syracuse Scenery & Stage Lighting Co., Inc.	P	DR	X		
Mark Newlin	Texas Scenic Company	Texas Scenic Company	P	CP	X		
Larry Lutz	Texas Scenic Company	Texas Scenic Company	A	CP			
James Niesel	Theatre Projects Consultants, Inc.	Theatre Projects Consultants, Inc.	P	G	X		
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	P	G	X		
John C. Snook	Thermotex Industries Inc.	Thermotex Industries Inc.	P	CP	X		
Jeff Wilkowski	Thern, Inc.	Thern, Inc.	P	MP	X		
Keith Bohn	Tomcat USA, Inc.	Tomcat USA, Inc.	P	MP	X		
Mitch Clark	Tomcat USA, Inc.	Tomcat USA, Inc.	A	MP			
John James	Tomcat USA, Inc.	Tomcat USA, Inc.	A	MP			
Hans van der Moolen	Stagemaker Division Europe	Verlinde Spa. France	P	MP	X		
Carlos Garcia	R&M Materials Handling	Verlinde Spa. France	A	MP			
Charlie Weiner	Walt Disney World	Walt Disney Company	P	U	X		
		Total votes	35		29	0	0
		Votes by interest category	8	MP	5	0	0
			6	CP	6	0	0
			6	DR	3	0	0
			7	U	7	0	0
			8	G	8	0	0

9 New business—NFPA 80

Bill Conner reported that Jerry Gorrell (representing USITT on the NFPA 80 technical committee) and he (representing ASTC on the committee) attended a recent NFPA 80 technical committee meeting in San Antonio and that the committee members present had made some decisions in regard to fire safety curtain systems that, per NFPA procedure, will need to be ratified by a letter ballot. Conner indicated that he disagreed with the committee's decisions. The decisions, after they are approved by the larger committee, will be reported in a published Report On Comments.

There was a long discussion of what to do about the ROC when it is made public. Bill Sapsis summarized the consensus, which was that we will consider what to do when the ROC is published and we have had a chance to look at it. The E1.22 task group will work on evaluating the ROC to advise the working group. The ROC publication schedule should allow us to respond in a timely manner, if it is appropriate.

10 Other business

Wally Blount suggested that we define what "fail-safe" means. Bill Sapsis appointed Bill Conner to develop a definition of "fail-safe." The appointment was confirmed by a simple majority vote of the members attending.

11 Schedule for future meetings

Bill Sapsis announced that the next meeting is scheduled to be held at the Dallas/Ft. Worth Airport Marriott South in Ft. Worth, Texas, on Friday, 20 January 2006, from 7:00 to 11:00 in the evening.

12 Changes of membership status resulting from lack of attendance.

Principals (and alternates) who have missed the previous two meetings:
Andrew T. Martin; ATM Group
Michael Keppler; Bogen (IFF)

Bill Sapsis announced the Martin and Keppler were now observers, since they were not present and had now missed three consecutive meetings.

13 Adjournment

Dan Culhane moved that the meeting adjourn. The motion was seconded. The motion was approved with a unanimous voice vote. Bill Sapsis declared the meeting adjourned at 21:16.

Rigging Working Group Members and Contact Information as of 17 November 2005

Name	Company	Representing (This is the primary sort field.)	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 Braille	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
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
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
Don Dimitroff	Columbus McKinnon Corp.	Columbus McKinnon Corp.	P	MP
Wally Blount	Columbus McKinnon Corp.	Columbus McKinnon Corp.	A	MP
Mylan Lester	Creation Logics Ltd.	Creation Logics Ltd.	O	U
Howard R. Ott	D.E.O. Associates, Inc.	D.E.O. Associates, Inc.	P	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
Thomas Reaach	RC Consultoria e Representação Ltda.	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
Jeffrey Hoffend	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
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
Nevin Kleege	Kleege Industries	Kleege Industries	O	U

Name	Company	Representing (This is the primary sort field.)	Voting status	Int. cat.
Harvey Sweet	LA ProPoint, Inc.	LA ProPoint, Inc.	P	DR
William Beautyman	Limelight Productions, Inc.	Limelight Productions, Inc.	P	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
Bradford A. Kegel	National Production Services Inc.	National Production Services Inc.	O	U
David Gisbourne	Newtex Industries, Inc.	Newtex Industries, Inc.	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
Richard J. Nix	Performance Systems Integration	Performance Systems Integration	P	G
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
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
Shawn Nolan	Entertainment Structures Group	Steven Schafer Associates	P	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
Larry Lutz	Texas Scenic Company	Texas Scenic Company	A	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	Theatrx Inc.	Theatrx 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
Peter Hind	Anthony Ward Partnership Ltd.	Total Structures, Inc.	O	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
Hans van der Moolen	Stagemaker Division Europe	Verlinde Spa. France	P	MP

Name	Company	Representing (This is the primary sort field.)	Voting status	Int. cat.
Carlos Garcia	R&M Materials Handling	Verlinde Spa. France	A	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
Charlie Weiner	Walt Disney World	Walt Disney Company	P	U
Pete Happe	Walt Disney Imagineering	Walt Disney Company	O	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 MP mass-market producer interest category G general-interest interest category
A alternate voting member CP custom-market producer interest category
I individual voting member DR dealer or rental company interest category
O observer, non-voting U user interest category