

**Minutes**  
**RIGGING WORKING GROUP**

Wednesday, 29 March 2006  
Louisville Marriott Downtown  
Louisville, Kentucky

**Presiding chairman:** Bill Sapsis; Sapsis Rigging, Inc.; P; U

**Recording secretary:** Karl G. Ruling; ESTA

**Members present:**

William Bradburn; Clowes Memorial Hall (Butler University); P; U  
Ted Jones; Chicago Spotlight, Inc.; P; U  
Don Dimitroff; Columbus McKinnon Corp.; P; MP  
M. Brad Dittmer; Downhome Productions; P; U  
Joseph Champelli; Fisher Technical Services, Inc. (FTSI); P; CP  
Reid Neslage; H & H Specialties Inc.; P; MP  
Pat Grenfell; Hoffend & Sons, Inc.; P; CP (Joined at the end of the meeting, after all the votes.)  
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  
Mike Garl; James Thomas Engineering, Inc.; P; MP  
Harvey Sweet; LA ProPoint, Inc.; P; DR  
William Beautyman; Limelight Productions, Inc.; P; DR  
Bob Medve; Limelight Productions, Inc.; A; DR  
Michael J. Carnaby; Mikan Theatricals; P; DR  
Tim Hansen; Oasis Stage Werks; P; DR  
Ron Bonner; PLASA; P; G  
Peter A. Scheu; Scheu Consulting Services; P; G  
Dan Culhane; SECOA; P; CP  
Olan Cottrill; Staging Productions, Inc. ; P; DR  
Steve Walker; Steve A. Walker & Associates; P; G  
Richard J. Nix; Performance Systems Integration; P; G (Changed company representation at the end of the meeting, after all the votes. Arrived late.)  
Shawn Nolan; Entertainment Structures Group (Steven Schaefer Associates); P; G (Changed voting status at end of the meeting, after all the votes.)  
Christine L. Kaiser; Syracuse Scenery & Stage Lighting Co., Inc.; P; DR  
Mark Newlin; Texas Scenic Company; P; CP (Arrived late)  
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  
Pete Happe; Walt Disney Imagineering (the Walt Disney Company); P; U (Arrived late)

**Visitors:** Tim Wade; IATSE Local 600  
Steve Vanciel

**1 Opening remarks**

The meeting was called to order at 19:03 by Bill Sapsis. He welcomed all to the Rigging Working Group meeting in Louisville.

**2 Attendance and membership**

## 2.1 Introduction of those present

Those present introduced themselves, going in counterclockwise order around the table.

## 2.2 Circulation of attendance sign-in sheet

A blue attendance sign-in sheet was circulated, moving in a clockwise order around the table.

## 2.3 Call for quorum (36 voting members: 12 needed for quorum, 19 to pass a supermajority vote)

Bill Sapsis asked for a show of hands of the voters present. He then announced that we had a quorum and business could be conducted.

## 2.4 Requirements for membership

Sapsis reminded those present that 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

Christina of Feeling Structures had applied as an observer in the general interest category. Dan Culhane moved that her application be accepted. The motion was seconded. The motion was approved by a unanimous show of hands.

The consensus body during the meeting (until the voting changes at the end) was:

Name	Company	Representing (This is the 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
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
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
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

Name	Company	Representing (This is the sort field.)	Voting status	Int. cat.
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
Steve Walker	Steve A. Walker & Associates	Steve A. Walker & Associates	P	G
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
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
Pete Happe	Walt Disney Imagineering	Walt Disney Company	P	U
		Total votes	36	
		Votes by interest category	6	MP
			6	CP
			7	DR
			8	U
			9	G

**4 Approval of minutes from the previous meeting (Rig/2006-2005)**

Brad Dittmer moved that the draft minutes be accepted as written. The motion was seconded. The motion was approved by a unanimous show of hands. Nix, Newlin, and Happe were not present yet.

**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."

The Technical Standards Manager, Karl Ruling, held up some of the easy-to-read pamphlets.

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

## 6 Approval of agenda

Dan Culhane moved that the draft agenda be approved. The motion was seconded. The motion was approved by a unanimous show of hands. (Nix, Newlin, and Happe were not present yet.)

## 7 Old business

### 7.1 E1.1 — Wire rope ladders

Karl Ruling reported that the working group had approved by letter ballot the motion to accept BSR E1.1-200x, Entertainment Technology—Construction and Use of Wire Rope Ladders (Rig/2004-2029r1) as an American National Standard. The letter ballot that ran from 7 February 2006 through 7 March 2006, with 31 people out of a possible 36 voted "Yes." There were no comments and no negative votes. Five ballots were not returned.

The TSC approved the motion at its meeting this afternoon (29 March 2006) with a roll call ballot. All present (11 out of a voting body of 15) at the time the roll call ballot was taken voted in favor.

Ruling said the next step is for him to send the draft proposed standard and a synopsis of how it was developed to the ESTA Board for its approval.

### 7.2 E1.2 — Aluminum trusses and towers revised

#### 7.2.1 Motion to accept the comment resolution document

Michael Garl moved that the comment resolutions (Rig/2006-2012) be accepted. The motion was seconded. The motion was approved by a unanimous show of hands, which was a supermajority.

#### 7.2.2 Motion to accept the draft standard that was offered during the last public review (Rig/2002-2019r5) as an American National Standard.

Mike Garl moved that the document be accepted as an American National Standard. The motion was seconded, and then approved with a unanimous roll call ballot. Richard Nix, Mark Newlin, and Pete Happe were late to the meeting, and were not present during the roll call ballot.

Name	Company	Representing (This is the sort field.)	Voting status	Int. cat.	Vote
William Conner	Bill Conner Associates LLC	Amer. Society of Theatre Consultants	P	U	
William Bradburn	Clowes Memorial Hall	Butler University	P	U	Yes

Name	Company	Representing (This is the sort field.)	Voting status	Int. cat.	Vote
Charlie Weiner	Charlie Weiner	Charlie Weiner	P	U	
Ted Jones	Chicago Spotlight, Inc.	Chicago Spotlight, Inc.	P	U	Yes
Don Dimitroff	Columbus McKinnon Corp.	Columbus McKinnon Corp.	P	MP	Yes
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	Yes
Joseph Champelli	Fisher Technical Services, Inc.	FTSI	P	CP	Yes
Reid Neslage	H & H Specialties Inc.	H & H Specialties Inc.	P	MP	Yes
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	Yes
Kent H. Jorgensen	IATSE Local 80	IATSE Local 80	P	G	Yes
Rodney F. Kaiser	J.R. Clancy Inc.	J.R. Clancy, Inc.	P	CP	Yes
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	Yes
Tray Allen	James Thomas Engineering, Inc.	James Thomas Engineering, Inc.	A	MP	
Harvey Sweet	LA ProPoint, Inc.	LA ProPoint, Inc.	P	DR	Yes
William Beautyman	Limelight Productions, Inc.	Limelight Productions, Inc.	P	DR	Yes
Bob Medve	Limelight Productions, Inc.	Limelight Productions, Inc.	A	DR	
Michael J. Carnaby	Mikan Theatricals	Mikan Theatricals	P	DR	Yes
James B. Evans	Mountain Productions Inc.	Mountain Productions Inc.	P	DR	
Tim Hansen	Oasis Stage Werks	Oasis Stage Werks	P	DR	Yes
Richard J. Nix	Performance Systems Integration	Performance Systems Integration	P	G	
Ron Bonner	PLASA	PLASA	P	G	Yes
Bill Sapsis	Sapsis Rigging, Inc.	Sapsis Rigging, Inc.	P	U	Yes
Peter A. Scheu	Scheu Consulting Services	Scheu Consulting Services	P	G	Yes
Dan Culhane	SECOA	SECOA	P	CP	Yes
Jerald Kraft	SECOA	SECOA	A	CP	
Olan Cottrill	Staging Productions, Inc.	Staging Productions, Inc.	P	DR	Yes
Steve Walker	Steve A. Walker & Associates	Steve A. Walker & Associates	P	G	Yes
Shawn Nolan	Entertainment Structures Group	Steven Schafer Associates	P	G	Yes
Christine L. Kaiser	Syracuse Scenery & Stage Lighting Co., Inc.	Syracuse Scenery & Stage Lighting Co., Inc.	P	DR	Yes
Mark Newlin	Texas Scenic Company	Texas Scenic Company	P	CP	
James Niesel	Theatre Projects Consultants, Inc.	Theatre Projects Consultants, Inc.	P	G	Yes
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	P	G	Yes
John C. Snook	Thermotex Industries Inc.	Thermotex Industries Inc.	P	CP	Yes
Jeff Wilkowski	Thern, Inc.	Thern, Inc.	P	MP	Yes
Keith Bohn	Tomcat USA, Inc.	Tomcat USA, Inc.	P	MP	Yes
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	
Pete Happe	Walt Disney Imagineering	Walt Disney Company	P	U	

	Total possible	Yes	No	Abstain	Not present
Total	36	27	0	0	9
MP	6	5	0	0	1
CP	6	4	0	0	2
DR	7	6	0	0	1
U	8	5	0	0	3
G	9	7	0	0	2

The motion had been anticipated, and absentee ballots solicited with the agenda distribution on 9 March 2006. No absentee ballots were received.

**7.3 E1.4 — Manual rigging systems — Ruling, Nix**

Richard Nix was now present and reported that 77 or so comments had been received during this draft standard's eighth public review.

There was a discussion of the desire to bring this project to closure so something can be published to help people in the field.

**7.4 E1.6-1, powered winch hoist systems**

Harvey Sweet moved that the draft BSR E1.6-1 document (Rig/2006-2011) be offered for public review. The motion was seconded. The question will be decided by letter ballot, since this is effectively the first public review of this document, since the BSR E1.6 project was split in two.

**7.5 E1.6-2, electric chain hoist systems**

Karl Ruling reported that the TSC had approved the public review of BSR E1.6-2, Entertainment Technology--Serial Manufactured Electric Chain Hoists (Rig/2005-2040) on a letter ballot that closed March 14. The document has been posted on the ESTA website for public review

**7.6 E1.8 — Speaker enclosures**

Ruling reported that the document has been laid out for publication and will be for sale on the ANSI and ESTA Foundation websites soon.

**7.6 E1.15 – Boom & base standard**

Ruling reported that he'd submitted the files for the approval of BSR E1.15, Entertainment Technology—Recommended Practices and Guidelines for the Assembly and Use of Theatrical Boom & Base Assemblies (Rig/1998-2032r12) to ANSI for acceptance as an American National Standard and was now waiting for a response.

**7.7 E1.21 – Stage roofs**

Ruling reported that the TSC had accepted 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) as an ANS on a letter ballot that closed March 14. He forwarded the motion to the ESTA Board on March 15, with the request that the Board consider the motion at its meeting on Thursday, March 30.

**7.8 E1.22 – Fire safety curtain systems comment**

Ruling reported that the public review closed last night. He has not had a chance to collate the comments.

There was a discussion of the fire modeling project. Rodney Kaiser said that he'd found a second possible provider of the services, but has not received a formal bid yet. Harvey Sweet said he is working on getting some people in line to fund the TSP.

## **8 New business**

### **8.1 IBC proposal 1**

Bill Conner had asked for an agenda item "to support reference to and changes in the International Building Code to correlate with the incorporation of fire safety curtains in NFPA 80" and submitted some text. There was a brief discussion.

### **8.2 IBC proposal 2**

Bill Conner had asked for an agenda item to support "change the reference in the International Building Code from NFPA 701-1999 to NFPA 701-2004" and submitted some text. There was a brief discussion.

**8.3** Tim Hansen moved that the Rigging Working Group go on record as thanking Mr. Conner for bringing these IBC proposals to the working group's attention. The motion was seconded and approved on a voice vote.

## **9 Other business**

### **9.1 CEN stage machinery project**

Mike Garl announced the existence of a CEN Workshop Agreement to craft a pan-European stage machinery standard. Bonner explained the project and its very short time scale. He offered to be the liaison to forward to us the documents and we can see what is going on.

### **9.2 Late applications for changes in membership status**

Richard Nix submitted an application because of a change of employer. He asked to be the principal for Entertainment Structures with Shawn Nolan as the alternate. Kent Jorgensen moved that Nix's application be accepted. The motion was seconded. The motion was approved by a unanimous show of hands.

Pat Grenfell submitted an application to be the principal voter for Hoffend and Sons and announced that Jeffrey Hoffend is no longer with the company. Kent Jorgensen moved that Grenfell's application be accepted. The motion was seconded. The motion was approved by a unanimous show of hands.

## **10 Schedule for future meetings**

Bill Sapsis announced that the next meeting is scheduled for 19:00 to 23:00 on Friday, 14 July 2006, at the Dallas/Ft. Worth Airport Marriott South in Ft. Worth, Texas.

## **11 Changes of membership status resulting from lack of attendance.**

Principals (and alternates) who have missed the previous two meetings:

Olan Cottrill, Staging Productions

Olan Cottrill was present, so he had not missed three consecutive meetings, and no change of voting status was warranted.

## **12 Adjournment**

Kent Jorgensen moved that the meeting adjourn. The motion was seconded and then approved by acclamation. Bill Sapsis announced that the meeting was adjourned at 20:15.

### Rigging Working Group Members and Contact Information as of 09 May 2006

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 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
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 Reaoch	RC Consultoria e Representação Ltda.	Feeling Structures	O	MP
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



Name	Company	Representing (This is the primary sort field.)	Voting status	Int. cat.
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
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
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 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

Name	Company	Representing (This is the primary sort field.)	Voting status	Int. cat.
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
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
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 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