

Minutes
RIGGING WORKING GROUP

Friday, 14 July 2000
Dallas/Ft. Worth Marriott
Irving, TX

Chair: Mike Garl; James Thomas Engineering, Inc.; Principal; Producer

Recording Secretary: Karl G. Ruling, ESTA

Members attending: Andrew T. Martin; ATM Group, Inc.; Principal; Producer
M. Brad Dittmer; Downhome Productions - Springfield, MO; Principal; User (joined at this meeting)
Edwin S. Kramer; IATSE, Local 1; Principal; User
Perry Langenstein; International Theatre Consultants; Observer; General interest
Rodney F. Kaiser; J.R. Clancy Inc.; Principal; Producer
Nevin Kleege; Kleege Industries; Principal; User (joined at this meeting)
Louis Bradfield; Louis Bradfield; Individual; User
Tim Hansen; Oasis Stage Werks; Principal; User
Tim Cox; PLASA; Principal; General interest
Randall W. A. Davidson; Risk International & Associates, Inc.; Observer; User
Richard Nix; Sacramento Theatrical Lighting; Principal; General interest
Dan Culhane; SECOA; Principal; Producer
Rocky Paulson; Stage Rigging, Inc.; Principal; User (changed voting status from observer at this meeting)
Jerry Gorrell; Theatre Safety Programs; Principal; General interest
Keith Bohn; Tomcat USA, Inc.; Principal; Producer

1 Opening remarks

Mike Garl called the meeting to order at 7:05 p.m.
He thanked all for coming and for making the commitment.

Garl passed around the attendance sheet and explained how to fill it out.

2 Attendance and membership

2.1 Introduction of those present

Mike Garl asked those present to introduce themselves, which they did, starting with Garl and proceeding clockwise around the table.

2.2 Call for quorum

Mike Garl asked for principal members to raise their hands. Eleven voting members were present. From the previous meeting, there were 20 voting member, so the minimum for a quorum was seven. Garl announced that a quorum was present.

2.3 Requirements for membership

Garl reminded the group of the attendance requirement:

Attendance requirement: Every principal member of the working group is required to attend meetings. Any principal member or voting alternate who misses 3 consecutive meetings will have their membership status changed from principal member 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

Mike Garl read the applications.

Nevin Kleege said that George Stingel no longer worked for Kleege Industries, so he was applying as a voting member.

Brad Dittmer reapplied as a voting member, this time representing Downhome Productions, because of a change of employer.

Ray Robins of Kansas Stage, Inc. applied as an observer

Thomas Patterson, an individual from Australia, applied as an observer.

Donald A. Hoffend applied as a principal representing Hoffend and Sons, Inc. and Peter Hoffend, Jeffrey Hoffend, and James Dzakowic applied as alternates.

Eddie Kramer moved that the applications be accepted, except that those who had applied for voting status, but who were not in attendance would be accepted as observers. The motion was seconded. By show of hands, ten voted in favor, the chair abstained. There were no negative votes. The motion carried.

Thus, at this point in the meeting the voting body was:

Name	Company	Parent company or organization	Voting status	Interest category
Michael G. Wiener	Aerial Rigging & Leasing, Inc.	Aerial Rigging & Leasing, Inc.	P	U
Andrew T. Martin	ATM Group, Inc.	ATM Group, Inc.	P	P
Wally Blount	CM Lodestar	Columbus McKinnon	P	P
M. Brad Dittmer	Downhome Productions - Springfield, MO	Downhome Productions	P	U
Reid Neslage	H & H Specialties Inc.	H & H Specialties Inc.	P	P
Edwin S. Kramer	IATSE, Local 1	I.A.T.S.E. Local 1	P	U
Rodney F. Kaiser	J.R. Clancy Inc.	J.R. Clancy, Inc.	P	P
Jack Suesse	J.R. Clancy, Inc. (NC)	J.R. Clancy, Inc.	A	P
Thomas S. Young	J.R. Clancy Inc.	J.R. Clancy, Inc.	A	P
Mike Garl	James Thomas Engineering, Inc.	James Thomas Engineering, Inc.	P	P
Mervyn Thomas	James Thomas Engineering Ltd.	James Thomas Engineering, Inc.	A	P
Tray Allen	James Thomas Engineering, Inc.	James Thomas Engineering, Inc.	A	P
Andrew Smith	Jeamar Winches Inc.	Jeamar Winches Inc.	P	P
Chuck McClelland	Jeamar Winches Inc.	Jeamar Winches Inc.	A	P
Nevin Kleege	Kleege Industries	Kleege Industries	P	U
Louis Bradfield	Louis Bradfield	Louis Bradfield	I	U
Kent H. Jorgensen	MPS Grips, Local 80	MPS Grips, Local 80	P	G
Tim Hansen	Oasis Stage Werks	Oasis Stage Werks	P	U
Frederick L. Smith	Olaf Soot Associates	Olaf Soot Associates	P	P
Olaf Soot	Olaf Soot Associates	Olaf Soot Associates	A	P
Tim Cox	PLASA	PLASA	P	G
Tony Douglas-Beveridge	PLASA	PLASA	A	G
Richard Nix	Sacramento Theatrical Lighting	Sacramento Theatrical Lighting	P	G
Bill Sapsis	Sapsis Rigging, Inc.	Sapsis Rigging, Inc.	P	U
Dan Culhane	SECOA	SECOA	P	P
Rocky Paulson	Stage Rigging, Inc.	Stage Rigging, Inc.	P	U
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	P	G
Keith Bohn	Tomcat USA, Inc.	Tomcat USA, Inc.	P	P
Mitch Clark	Tomcat USA, Inc.	Tomcat USA, Inc.	A	P
Mark Newlin	Tomcat USA, Inc.	Tomcat USA, Inc.	A	P
John James	Tomcat USA, Inc.	Tomcat USA, Inc.	A	P
Peter Johns	Total Structures, Inc.	Total Structures, Inc.	P	P
Ian Coles	Total Structures, Inc.	Total Structures, Inc.	A	P
Peter Hind	Total Fabrications Ltd.	Total Structures, Inc.	A	P
Doug Recher	Total Structures, Inc.	Total Structures, Inc.	A	P
Peter Happe	Walt Disney Imagineering	Walt Disney	P	U

Twenty-three voting members. Fourteen were present at this meeting, so a supermajority vote was possible.

4 Approval of minutes from the previous meeting

Daniel Culhane moved that the minutes be accepted. The motion was seconded. Unanimous approval by a show of hands.

5 ESTA declarations

Mike Garl read the following.

5.1 Anti-trust statement:

"The ESTA Board of Directors, the Technical Standards Committee, and the leadership of this Working Group will reject or nullify any actions that restrain trade. Anyone who feels that an action restraining trade is being or has been taken is requested to bring the 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 any member of this working group maybe found individually liable for any action that restrains trade taken by this working group. An individual convicted of a violation of the Sherman Act may be fined as much as \$100,000 and be imprisoned for up to three years. An easy to read pamphlet describing restraint of trade is available from the Technical Standards Committee."

Garl held up a copy of the pamphlet.

No issues were raised by the group.

5.2 Call for patents:

Garl read the following, too:

"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 issues were raised.

6 Approval of agenda

Tim Cox asked that a report about the two new BSI standards be added as 7.9, Report on British standards. Kramer move the agenda be accepted with that addition. The motion was seconded. The motion was unanimously accepted by a show of hands.

7 Old business

7.1 E1.2 - Aluminum Truss & Towers – status report

Karl Ruling reported that the BSR-9 form for BSR E1.2 had been filed with ANSI, however there had been some disagreement about whether the one public reviewer whose comments had not been accepted needed to be listed as "unresolved" although the commentor had never replied to the two letters asking him to do so if he did not accept the resolutions to his comments. The handling of this with ANSI had also been slowed by an e-mail Ruling had sent explaining the situation apparently not reaching its intended recipient at ANSI. Ruling noted that his message was sent about the time the ILOVEYOU virus was going around, and that he had received several ILOVEYOU messages from people at ANSI.

We are still waiting for a reply from ANSI.

7.2 E1.4 - Manual Counterweight Rigging Systems

Rod Kaiser said there are some philosophical problems in resolving the comments from the last public review, particularly in regard to trim chains & counterweights. A discussion was held about this.

7.3 E1.6 – Powered Rigging Systems

Ruling reported that it's in public review until October 10.

7.4 E1.7 - Recommended Practice for Flying Performers

Ruling reported that it's in public review until September 12.

7.5 E1.8 - Speaker Enclosures Rigging Standard

Andrew Martin gently scolded the group for taking no action on the revised comment resolutions and the new version of the draft standard. He pointed out that we all can't attend all the meetings, but that if we work together we can all move our projects forward.

7.5.1 Revised comment resolutions

Andrew Martin moved that the revised comment resolutions (Rig/2000-2010) be accepted. The motion was seconded. By a show of hands, the motion was accepted with 14 in favor, none opposed, and no abstentions. The motion was accepted with a supermajority.

7.5.2 Revised draft document

Rocky Paulson moved that the revised document be sent to another public review. The motion was seconded. The following people voted as indicated on the motion.

Name	Company	Parent company or organization	Voting status	Interest category	Vote
Michael G. Wiener	Aerial Rigging & Leasing, Inc.	Aerial Rigging & Leasing, Inc.	P	U	
Andrew T. Martin	ATM Group, Inc.	ATM Group, Inc.	P	P	Accept
Wally Blount	CM Lodestar	Columbus McKinnon	P	P	
M. Brad Dittmer	Downhome Productions - Springfield, MO	Downhome Productions	P	U	Accept
Reid Neslage	H & H Specialties Inc.	H & H Specialties Inc.	P	P	
Edwin S. Kramer	IATSE, Local 1	I.A.T.S.E. Local 1	P	U	Accept
Rodney F. Kaiser	J.R. Clancy Inc.	J.R. Clancy, Inc.	P	P	Accept
Jack Suesse	J.R. Clancy, Inc. (NC)	J.R. Clancy, Inc.	A	P	
Thomas S. Young	J.R. Clancy Inc.	J.R. Clancy, Inc.	A	P	
Mike Garl	James Thomas Engineering, Inc.	James Thomas Engineering, Inc.	P	P	Accept
Mervyn Thomas	James Thomas Engineering Ltd.	James Thomas Engineering, Inc.	A	P	
Tray Allen	James Thomas Engineering, Inc.	James Thomas Engineering, Inc.	A	P	
Andrew Smith	Jeamar Winches Inc.	Jeamar Winches Inc.	P	P	
Chuck McClelland	Jeamar Winches Inc.	Jeamar Winches Inc.	A	P	
Nevin Kleege	Kleege Industries	Kleege Industries	P	U	Accept
Louis Bradfield	Louis Bradfield	Louis Bradfield	I	U	Accept
Kent H. Jorgensen	MPS Grips, Local 80	MPS Grips, Local 80	P	G	
Tim Hansen	Oasis Stage Werks	Oasis Stage Werks	P	U	Accept
Frederick L. Smith	Olaf Soot Associates	Olaf Soot Associates	P	P	
Olaf Soot	Olaf Soot Associates	Olaf Soot Associates	A	P	
Tim Cox	PLASA	PLASA	P	G	Accept
Tony Douglas-Beveridge	PLASA	PLASA	A	G	
Richard Nix	Sacramento Theatrical Lighting	Sacramento Theatrical Lighting	P	G	Accept
Bill Sapsis	Sapsis Rigging, Inc.	Sapsis Rigging, Inc.	P	U	
Dan Culhane	SECOA	SECOA	P	P	Accept
Rocky Paulson	Stage Rigging, Inc.	Stage Rigging, Inc.	P	U	Accept
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	P	G	Accept
Keith Bohn	Tomcat USA, Inc.	Tomcat USA, Inc.	P	P	Accept
Mitch Clark	Tomcat USA, Inc.	Tomcat USA, Inc.	A	P	
Mark Newlin	Tomcat USA, Inc.	Tomcat USA, Inc.	A	P	
John James	Tomcat USA, Inc.	Tomcat USA, Inc.	A	P	
Peter Johns	Total Structures, Inc.	Total Structures, Inc.	P	P	
Ian Coles	Total Structures, Inc.	Total Structures, Inc.	A	P	
Peter Hind	Total Fabrications Ltd.	Total Structures, Inc.	A	P	
Doug Recher	Total Structures, Inc.	Total Structures, Inc.	A	P	
Peter Happe	Walt Disney Imagineering	Walt Disney	P	U	
					14 Accept

The motion was accepted with a supermajority.

7.6 E1.10 - Building Structural Requirements

Karl G. Ruling reported that it's in public review until September 12.

Mike Garl read Kyle Smith's letter stating his unhappiness with the working group's failure to abandon the project, as he had suggested in the last public review. [Text of letter is appended to these minutes.]

Jerry Gorrell responded that, contrary to what Smith writes, BSR E1.10 is not a design standard. Gorrell complained that too many buildings, one of which is part of the performing arts complex he manages, are not strong enough for the loads. A number of people in the working group agreed that many theatres are woefully under-designed.

7.7 E1.13 - Arena Scoreboards and Speakers

Wally Blount was not present. Mike Garl reported that the group had not had a chance to get together, so there was not any proposed comment resolution yet.

Perry Langenstein offered to help in revising the document.

7.8 E1.15 – Boom & base standard

Richard Nix moved that the draft document [Rig/1998-2032r2] go to public review. Eddie Kramer seconded the motion. This is a vote for the first public review of the draft document, so the motion will be decided by letter ballot.

7.9 British standards update

Tim Cox reported that there are two new British standards that cover aluminum towers and trusses: BS 7906-2:2000 and BS 7905-2:2000. These are closely modeled on BSR E1.2.

8 New business

None.

9 Other business

9.1 Report on Stage Floor Working Group

Tim Hansen reported that the TSC had voted to form a new working group to work on stage floors. Slipperiness and resilience will be the main issues. The working group will have its first meeting Wednesday, October 18, 2000 at 8:00 a.m. at Harrah's Las Vegas. All interested are to contact him.

9.2 Garl announced that ESTA swag is available.

10 Schedule for future meetings

Mike Garl announced that the next rigging working group meeting shall be Wednesday, October 18, 2000, starting at 7:00 p.m. at Harrah's Las Vegas.

The following meeting will be January 19th, at this location and time of day.

Perry Langenstein offered tours of several facilities in Las Vegas: the Orleans (wire motor), the new facility at Paris (line shaft), and the Bellagio (winch designed to accommodate the Cirque requirements).

11 Changes of membership status resulting from lack of attendance.

Ruling checked the attendance records and found that Jeamar Winches had failed to meet the attendance requirements for a voting member. Garl announced that the representatives of Jeamar Winches are now moved to observer status.

12 Adjournment

Jerry Gorrell moved we adjourn. The motion was seconded. The motion was unanimously approved by a show of hands. Mike Garl adjourned the meeting at 9:01 p.m.

TRANSCRIBED TEXT OF 22 MAY 2000 FAX FROM KYLE SMITH:

Kyle Smith, ASTC
Auerbach + Associates

Dear Mr. Ruling,

Thank you for the recent update on the status of BSR E1.10. The perpetuation of this reckless design standard is of great concern to those interested in theatre design and technology.

It's interesting to note that several of the most respected theatre architecture designers have firmly denounced this document. Auerbach & Associates, Pelton Marsh Kinsella, Schuler & Shook, Inc., Artec Consultants Inc. all work as theatre architecture designers and all reject the proposed standard. These are firms that have been involved in the preeminent theatre buildings of the last 25 years. These firms understand how the design process works, how imperative it is to understand the application of rigging loads and how diverse these applications may be. Again, these firms reject the proposed standard.

Your proposed standard will likely incur senseless additional costs for the small theatre company that needs a few simple dead hung pipes. It will likely give architects and structural engineers a false sense of security, applying a minimum "standard" for a concept that is custom in nature. Ultimately, your proposed standard may be specifying loads that could put many peoples [sic] lives at risk.

Your proposed standard is imminently disastrous. Good luck.

(signed Kyle Smith)

Rigging Working Group Membership at the End of the Meeting

Name	Company	Parent Co./Org Represented	Vot. Stat.	Int. Cat.
Michael G. Wiener	Aerial Rigging & Leasing, Inc.	Aerial Rigging & Leasing, Inc.	P	U
Jim Fletcher	American Sling Company, Inc.	American Sling Company, Inc.	O	P
Andrew T. Martin	ATM Group, Inc.	ATM Group, Inc.	P	P
Lee J. Bloch	Bloch Design Group Inc.	Bloch Design Group Inc.	O	G
Eric Todd	BML Inc.	BML Inc.	O	P
Paul Tardue	BML Inc.	BML Inc.	O	P
Joachim Stoecker	CAMCO GmbH	CAMCO GmbH	O	P
Mark M. Witteveen	Chicago Flyhouse Inc.	Chicago Flyhouse Inc.	O	U
Ted Jones	Chicago Spotlight, Inc.	Chicago Spotlight, Inc.	O	U
Marty Lazarus	Chicago Spotlight, Inc.	Chicago Spotlight, Inc.	O	U
Wally Blount	CM Lodestar	Columbus McKinnon	P	P
Ron Fogel	Creative Realities, Inc.	Creative Realities, Inc.	O	G
Jason Friedman	Creative Realities, Inc.	Creative Realities, Inc.	O	G
Harry Donovan	Donovan Rigging, Inc.	Donovan Rigging, Inc.	O	U
Wes Jenkins	Down Stage Right Industries	Down Stage Right Industries	O	P
M. Brad Dittmer	Downhome Productions - Springfield, MO	Downhome Productions	P	U
David M. Campbell	Geiger Engineers	Geiger Engineers	O	G
Paul Brady	Grand Stage Company, Inc.	Grand Stage Company, Inc.	O	U
Reid Neslage	H & H Specialties Inc.	H & H Specialties Inc.	P	P
Delbert Hall	Hall Associates Inc.	Hall Associates Inc.	O	U
Donald A. Hoffend, Jr.	Hoffend and Sons, Inc.	Hoffend and Sons, Inc.	O	P
James Dzakowic	Hoffend and Sons, Inc.	Hoffend and Sons, Inc.	O	P
Jeffrey Hoffend	Hoffend and Sons, Inc.	Hoffend and Sons, Inc.	O	P

Name	Company	Parent Co./Org Represented	Vot. Stat.	Int. Cat.
Peter Hoffend	Hoffend and Sons, Inc.	Hoffend and Sons, Inc.	O	P
Edwin S. Kramer	IATSE, Local 1	I.A.T.S.E. Local 1	P	U
Perry Langenstein	International Theatre Consultants	International Theatre Consultants	O	G
Jack Suesse	J.R. Clancy, Inc. (NC)	J.R. Clancy, Inc.	A	P
Thomas S. Young	J.R. Clancy Inc.	J.R. Clancy, Inc.	A	P
Rodney F. Kaiser	J.R. Clancy Inc.	J.R. Clancy, Inc.	P	P
Mike Garl	James Thomas Engineering, Inc.	James Thomas Engineering, Inc.	P	P
Mervyn Thomas	James Thomas Engineering Ltd.	James Thomas Engineering, Inc.	A	P
Tray Allen	James Thomas Engineering, Inc.	James Thomas Engineering, Inc.	A	P
Jay O. Glerum	Jay O. Glerum & Associates, Inc.	Jay O. Glerum & Associates, Inc. (USITT on TSC)	O	U
Andrew Smith	Jeamar Winches Inc.	Jeamar Winches Inc.	O	P
Chuck McClelland	Jeamar Winches Inc.	Jeamar Winches Inc.	O	P
John Kaes	John Kaes	John Kaes	O	U
John R. Burgess	John R. Burgess	John R. Burgess	O	U
Ray Robins	Kansas Stage Inc.	Kansas Stage Inc.	O	U
Nevin Kleege	Kleege Industries	Kleege Industries	P	U
Ian J. Warhurst	Lite Structures (GB) Ltd.	Lite Structures (GB) Ltd.	O	P
Louis Bradfield	Louis Bradfield	Louis Bradfield	I	U
Charles E. Gorgen	Minnesota Crane Corp.	Minnesota Crane Corp.	O	P
Kent H. Jorgensen	MPS Grips, Local 80	MPS Grips, Local 80	P	G

Name	Company	Parent Co./Org Represented	Vot. Stat.	Int. Cat.
Ted Hickey	OAP Audio Products	OAP Audio Products	O	P
Tim Hansen	Oasis Stage Werks	Oasis Stage Werks	P	U
Gary Justensen	Oasis Stage Werks	Oasis Stage Werks	O	P
Frederick L. Smith	Olaf Soot Associates	Olaf Soot Associates	P	P
Olaf Soot	Olaf Soot Associates	Olaf Soot Associates	A	P
Joseph Rapier	Parkhill, Smith & Cooper, Inc.	Parkhill, Smith & Cooper, Inc.	O	P
Patrick Stansfield	Patrick Stansfield Assoc., Inc.	Patrick Stansfield Assoc., Inc.	O	U
Peter Letzelter-Smith	Peter Letzelter-Smith	Peter Letzelter-Smith	O	U
Billy Phillips	Phillips Rigging	Phillips Rigging	O	P
Tim Cox	PLASA	PLASA	P	G
Tony Douglas-Beveridge	PLASA	PLASA	A	G
Michael Akrep	Polar Focus, Inc.	Polar Focus, Inc.	O	P
George Sabbi	PRG Lighting Group	PRG	O	U
Teddy Van Bommel	PRG Lighting Division	PRG	O	U
Robert Barbagallo	Proximo Inc.	Proximo Inc.	O	U
Scott Mohr	R&R Cases and Cabinets	R&R Cases and Cabinets	O	G
Mark Fitch	Renkus-Heinz, Inc.	Renkus-Heinz, Inc.	O	P
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

Name	Company	Parent Co./Org Represented	Vot. Stat.	Int. Cat.
Heinz Siller	RST Präsentationssysteme	RST Präsentationssysteme	O	G
Richard Nix	Sacramento Theatrical Lighting	Sacramento Theatrical Lighting	P	G
Bill Sapsis	Sapsis Rigging, Inc.	Sapsis Rigging, Inc.	P	U
Dan Culhane	SECOA	SECOA	P	P
Luigi Sbalzarini	Selvolina SNC	Selvolina SNC	O	P
Michael Wood	Slick Systems International (UK)	Slick Systems International (UK)	O	P
Jon Lagerquist	South Coast Repertory	South Coast Repertory	O	U
Jerrold S. Tiers	St. Louis Music Inc.	St. Louis Music Inc.	O	P
Rocky Paulson	Stage Rigging, Inc.	Stage Rigging, Inc.	P	U
Dean Hart	Stage Rigging, Inc.	Stage Rigging, Inc.	O	U
Richard C. Mecke	Texas Scenic Company	Texas Scenic Company	O	P
Alan Broadhurst	The Broadhurst Partnership	The Broadhurst Partnership	O	P
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	P	G
Ed Nicholas	Theatrical Lighting Systems, Inc.	Theatrical Lighting Systems, Inc.	O	U
F. Robert Bauer	Theatrix Inc.	Theatrix Inc.	O	U
Thomas Paterson	Thomas Paterson	Thomas Paterson	O	G
Keith Bohn	Tomcat USA, Inc.	Tomcat USA, Inc.	P	P
Mitch Clark	Tomcat USA, Inc.	Tomcat USA, Inc.	A	P
Mark Newlin	Tomcat USA, Inc.	Tomcat USA, Inc.	A	P
John James	Tomcat USA, Inc.	Tomcat USA, Inc.	A	P
Peter Johns	Total Structures, Inc.	Total Structures, Inc.	P	P

Name	Company	Parent Co./Org Represented	Vot. Stat.	Int. Cat.
Ian Coles	Total Structures, Inc.	Total Structures, Inc.	A	P
Peter Hind	Total Fabrications Ltd.	Total Structures, Inc.	A	P
Doug Recher	Total Structures, Inc.	Total Structures, Inc.	A	P
Eckart Steffens	SOUNDLIGHT	VPLT	O	G
Peter Happe	Walt Disney Imagineering	Walt Disney	P	U
Warren A. Bacon	Warren A. Bacon	Warren A. Bacon	O	U

Voting Status

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

Interest Categories

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