

**Minutes**  
**RIGGING WORKING GROUP**  
19 January 2001  
Dallas/Ft. Worth Airport Marriott  
Irving, TX

**Chair:** Mike Garl; James Thomas Engineering, Inc.; principal; producer

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

**Members attending:** Don Dimitroff; CM Lodestar (Columbus McKinnon); principal; producer  
Wally Blount; CM Lodestar (Columbus McKinnon); alternate; producer  
M. Brad Dittmer; Downhome Productions - Springfield, MO; principal; user  
Reid Neslage; H & H Specialties Inc.; principal; producer  
Jeffrey Hoffend; Hoffend and Sons, Inc.; observer; producer  
Edwin S. Kramer; IATSE, Local 1; principal; user  
Rodney F. Kaiser; J.R. Clancy Inc.; principal; producer  
Andrew Smith; Jeamar Winches Inc.; principal; producer (change of voting status at this meeting)  
Edward Paget; Jones & Phillips Associates, Inc.; observer; gen. interest (joined at this meeting)  
Louis Bradfield; Louis Bradfield; individual; user  
Baer Long; MGM Grand Hotel Casino (MGM-Mirage Inc.); principal; user  
Tim Hansen; Oasis Stage Werks; principal; user  
Richard J. Nix; On Location Lighting Systems Inc.; principal; gen. interest (changed affiliation at this meeting)  
Michael Akrep; Polar Focus, Inc.; principal; producer (changed voting status at this meeting)  
Dan Culhane; SECOA; principal; producer  
Dean Hart; Stage Rigging, Inc. (The Freeman Companies); principal; user (new parent company)  
Jerry Gorrell; Theatre Safety Programs; principal; gen. interest  
Keith Bohn; Tomcat USA, Inc.; principal; producer

**1 Opening remarks**

Mike Garl welcomed all to beautiful Dallas/Ft. Worth at 19:08. Garl asked people to fill out the colored attendance form and to note any changes on the back pages.

**2 Attendance and membership**

**2.1 Introduction of those present**

Mike Garl asked those present to introduce themselves, which they did.

**2.2 Call for quorum (9 needed. 13 for supermajority.)**

Garl announced that we have a quorum after a show of hands showed 12 voting members present. (Those changing voting status or joining at this meeting were excluded from this hand count.)

**2.3 Requirements for membership**

Mike Garl said that the working group is open to all that are materially affected by the work of the group, but that there is an attendance requirement: Every principal member of the working group is required to attend meetings. Any principal member and voting alternate who both miss 3 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

Mike Garl read the applications, which included:

Rocky Paulson of Stage Rigging reapplied for membership as an alternate, user, because stage rigging is now owned by the Freeman Companies

Dean Hart applied as a principal with Stage Rigging (Freeman Companies)

Andrew Smith or Jeamar applied to have is voting status changed back to principal

Michael Reed of Reed Rigging applied as an observer in the user interest category.

Michael Akrep of Polar Focus applied to have his voting status changed to principal in the producer interest category.

Edward (Ted) Paget of Jones & Phillips Associates, Inc. applied as an observer in the general interest category.

Rodney Kaiser moved that the applications be accepted. The motion was seconded. The motion carried unanimously by show of hands. The voting body was thus:

Name	Company	Parent company/ Org. represented	Vote stat.	Int. cat.
Michael G. Wiener	Aerial Rigging & Leasing, Inc.	Aerial Rigging & Leasing, Inc.	P	U
Andrew T. Martin	ATM Group, Inc.	ATM Group, Inc.	P	P
Don Dimitroff	CM Lodestar	Columbus McKinnon	P	P
Wally Blount	CM Lodestar	Columbus McKinnon	A	P
Michael Sandman	Custom Rigging Systems	Custom Rigging Systems	P	P
M. Brad Dittmer	Downhome Productions - Springfield, MO	Downhome Productions	P	U
Dean Hart	Stage Rigging, Inc.	Freeman Companies	P	U
Rocky Paulson	Stage Rigging, Inc.	Freeman Companies	A	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.	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
Nevin Kleege	Kleege Industries	Kleege Industries	P	U
Louis Bradfield	Louis Bradfield	Louis Bradfield	I	U
Kevin Dallmeyer	Mandalay Resort Group	Mandalay Resort Group	P	U

Baer Long	MGM Grand Hotel Casino	MGM-Mirage Inc.	P	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
Richard Nix	On Location Lighting Systems	On Location Lighting Systems	P	G
Tim Cox	PLASA	PLASA	P	G
Tony Douglas-Beveridge	PLASA	PLASA	A	G
Michael Akrep	Polar Focus, Inc.	Polar Focus, Inc.	P	P
Bill Sapsis	Sapsis Rigging	Sapsis Rigging	P	U
Dan Culhane	SECOA	SECOA	P	P
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
Tim Madrid	Total Structures, Inc.	Total Structures, Inc.	A	P
Doug Recher	Total Structures, Inc.	Total Structures, Inc.	A	P
Peter Happe	Walt Disney Imagineering	Walt Disney	P	U
			27	12 P 11 U 4 G

Garl announced that more than half the voting body was present, so motions requiring a supermajority could be passed.

### 4 Approval of minutes from the previous meeting

Dan Culhane moved that the minutes of the October meeting be accepted as written. The motion was seconded. The motion was accepted unanimously by a show of hands.

## **5 ESTA declarations**

The following (5.1 and 5.2) were read aloud by Mike Garl:

### **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."

No issues were raised by any member of the working group.

### **5.2 Call for patents:**

"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 intellectual property issues were raised by any member of the working group in attendance.

## **6 Approval of agenda**

Mike Garl proposed that three items be added: Stage roofs under "New business," and a discussion of due diligence and hotel reservations under "Other business."

Eddie Kramer moved that the agenda be accepted with these additions. Brad Dittmer seconded the motion. The motion was accepted unanimously by a show of hands.

## **7 Old business**

### **7.1 E1.4 - Manual Counterweight Rigging Systems**

Rodney Kaiser reported that no recent progress had been made on the comment resolutions, but that the task group was planning to meet after this working group meeting.

### **7.2 E1.6 & E1.13 – Powered Rigging Systems and Arena Scoreboards and Speakers**

Wally Blount reported that J.R. Clancy had hosted a task group meeting last week. The only real disagreement was on what to cover. The original powered rigging task document (BSR E1.6) covered the building structure and load, but the original BSR E1.13 only did hook to hook. The combined document will cover all powered rigging systems in entertainment venues, regardless of the load.

Ted Paget read the new title for BSR E1.6: "Design and effect of lifted systems in places of public assembly." The new scope statement reads: "The standard establishes requirements for design, manufacture, installation, inspection, and maintenance of powered hoisting systems for overhead lifting and suspension of equipment located in places of assembly."

Blount moved that the E1.13 project be abandoned. The motion was seconded. The reason will be that the scope overlaps the scope of BSR E1.6. By show of hands: 15 in favor, none opposed. One abstention, the Chair. Carried by a supermajority

### **7.3 E1.7 - Recommended Practice for Flying Performers**

Tim Hansen moved that the proposed resolutions offered by Delbert Hall be accepted. The motion was seconded. By show of hands, there were 12 in favor, four abstaining, and none against. The motion failed for lack of a supermajority (14).

Tim Hansen moved that the proposed resolutions be accepted by letter ballot and that the revised document incorporating these resolutions be sent to another public review. The motion was seconded. A letter ballot will be issued.

### **7.4 E1.8 - Speaker Enclosures Rigging Standard**

Michael Akrep moved that the proposed responses to the public review comments on E1.8 be rejected. The motion was seconded. There was extended discussion in which the absence of Andrew Martin, the task group chair, hampered the discussion.

Wally Blount moved that further discussion be postponed until the next meeting. The motion was seconded. By show of hands, 15 were in favor of postponement, none were against, and the Chair abstained.

### **7.5 E1.10 - Building Structural Requirements**

Jerry Gorrell said that he had been leaning toward abandoning the project, but that he has fresh hopes of involving the American Society of Theatre Consultants in the project. If this is possible, he feels that we can go ahead with the project.

### **7.6 E1.15 – Boom & base standard**

#### **7.6.1 Status report**

Richard Nix reported that the document is in the midst of a rewrite – certainly more than a tweaking. He expects to have the rewrite done by the end of February.

#### **7.6.2 DIN 15560-27**

Karl Ruling reported that ESTA had bought a copy of DIN 15560-27 and had it translated into English. The DIN standard is relevant to our project because it covers a wide range of luminaire stands, including boom & base assemblies. It should be reviewed by interested working group members because we may want to adopt some of the approaches it takes to ensuring safety, or we may want to reference it in our standard.

### **8 New business**

Tim Hansen asked the Rigging Working Group to undertake writing a standard for temporary roof structures. The request was being made on behalf of Neil Huff, ESTA's insurance agent.

Mike Garl directed Tim Hansen to ask Neil Huff to provide a project scope statement and to suggest a leader for the project. Garl asked if this is the consensus of the group. He received a response of nodding heads in the affirmative from the working group.

### **9 Other business**

#### **9.1 Due diligence**

Mike Garl reminded people that they need to read and thoroughly vet the documents. Ted Paget pointed out that the TSC can not be expected to vet the documents; the rigging experts are in this group, and not there.

#### **9.2 Hotel reservations**

Ruling distributed Lori Rubinstein's open letter urging working group members to book rooms for the Irving meetings through the ESTA office, rather than going to the hotel directly or using some other agency. He reiterated that this helps us negotiate the best rates for the sleeping rooms and meeting rooms and

services, and helps us anticipate how many will be attending the meetings so we can take appropriate action if achieving a quorum appears unlikely.

**10 Schedule for future meetings**

Garl announced that the next meeting is scheduled for March 21 at Westin Hotel in Long Beach, CA from 19:00 to 23:00. The following meeting will be July 13, back in Irving, Texas. There will be no January meeting in 2002.

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

Mike Garl noted that the representatives from the following companies and organizations had failed to meet the attendance requirement and that the companies would now become observers:

- Aerial Rigging
- MPS Grips Local 80
- Walt Disney Imagineering

**12 Adjournment**

Brad Dittmer moved that the meeting adjourn. The motion was seconded. The motion was approved unanimously by a voice vote. Mike Garl declared the meeting adjourned at 21:20.



## Rigging Working Group Membership at Close of 19 January 2001 Meeting

Name	Company	Parent comp./Org. represented	Voting status	Int. cat.
Michael G. Wiener	Aerial Rigging & Leasing, Inc.	Aerial Rigging & Leasing, Inc.	O	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	A	P
Don Dimitroff	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
Michael Sandman	Custom Rigging Systems	Custom Rigging Systems	P	P
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
Dean Hart	Stage Rigging, Inc.	Freeman Companies	P	U
Rocky Paulson	Stage Rigging, Inc.	Freeman Companies	A	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
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.	O	U
Andrew Smith	Jeamar Winches Inc.	Jeamar Winches Inc.	P	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
Edward Paget	Jones & Phillips Associates, Inc.	Jones & Phillips Associates, Inc.	O	G
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
Kevin Dallmeyer	Mandalay Resort Group	Mandalay Resort Group	P	U
Baer Long	MGM Grand Hotel Casino	MGM-Mirage Inc.	P	U
Charles E. Gorgen	Midwest Crane Corp.	Midwest Crane Corp.	O	P
Kent H. Jorgensen	MPS Grips, Local 80	MPS Grips, Local 80	O	G
Ted Hickey	OAP Audio Products	OAP Audio Products	O	P
Gary Justesen	Oasis Stage Werks	Oasis Stage Werks	O	P
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
Richard J. Nix	On Location Lighting Systems Inc.	On Location Lighting Systems Inc.	P	G
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
Tony Douglas-Beveridge	PLASA Standards Office	PLASA	A	G
Tim Cox	PLASA	PLASA	P	G
Michael Akrep	Polar Focus, Inc.	Polar Focus, Inc.	P	P
George Sabbi	PRG Lighting and Audio Group	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
Michael Reed	Reed Rigging, Inc.	Reed Rigging, Inc.	O	U
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
Heinz Siller	RST Presentations-systeme	RST Presentations-systeme	O	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
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
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
Keith Bohn	Tomcat USA, Inc.	Tomcat USA, Inc.	P	P
Ian Coles	Total Structures, Inc.	Total Structures, Inc.	A	P
Peter Hind	Total Fabrications Ltd.	Total Structures, Inc.	A	P
Peter Johns	Total Structures, Inc.	Total Structures, Inc.	P	P
Doug Recher	Total Structures, Inc.	Total Structures, Inc.	A	P
Tim Madrid	Total Structures Inc.	Total Structures, Inc.	A	P
Eckart Steffens	SOUNDLIGHT	VPLT	O	G
Peter Happe	Walt Disney Imagineering	Walt Disney	O	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