

Minutes
RIGGING WORKING GROUP
Friday, 17 January 2003
Dallas/Ft. Worth Airport Marriott South
Ft. Worth, Texas

Chairman: Mike Garl; James Thomas Engineering, Inc.; P; MP

Recording secretary: Karl G. Ruling; ESTA

Members attending: William Conner; Schuler & Shook Inc., representing the Amer. Society of Theatre Consultants; P; U
Wally Blount; Columbus McKinnon Corp.; A; MP
Harry Donovan; Donovan Rigging, Inc.; O; U
M. Brad Dittmer; Downhome Productions - Springfield, MO, (Downhome Productions); P; U
Rocky Paulson; Stage Rigging, Inc. (Freeman Companies); O; DR
Tim Franklin; Geiger Engineers; P; G
Reid Neslage; H & H Specialties Inc.; P; MP
Jeffrey Hoffend; Hoffend & Sons, Inc.; P; CP
Rodney F. Kaiser; J.R. Clancy Inc.; P; CP
Thomas S. Young; J.R. Clancy Inc.; A; CP
Edward Paget; Jones & Phillips Associates, Inc.; P; G (changed to voting status at beginning of meeting)
William Beautyman; Limelight Productions, Inc.; P; DR
Harvey Sweet; LVH Entertainment Systems (LVH Electric, Inc.); P; DR
Tim Hansen; Oasis Stage Werks; P; DR
Richard J. Nix; On Location Lighting Systems Inc.; P; G
Ron Bonner; PLASA; P; G (joined at this meeting)
Randall W. A. Davidson; Risk International & Associates, Inc.; O; U
Dan Culhane; SECOA; P; CP
Jerry Gorrell; Theatre Safety Programs; P; G
John C. Snook; Thermotex Industries Inc.; O (P); CP (changed to voting status at end of meeting)
Jeff Wilkowski; Thern, Inc.; P; MP (joined at this meeting)
Brian Dowd; TMB; P; CP (joined at the end of this meeting)
Keith Bohn; Tomcat USA, Inc.; P; MP
Peter Happe; Walt Disney Imagineering (Walt Disney); P; U (changed to voting status at beginning of meeting)
Robin Crews; Wrightson, Johnson, Haddon & Williams, Inc.; P; G

Key to codes: P principal voting member
A alternate voting member
I individual voting member
O observer, non-voting
MP mass-market producer interest category
CP custom-market producer interest category
DR dealer or rental company interest category
U user interest category
G general-interest interest category

Visitors: Eddie Raymond; IATSE Local 16
Richard Thompson; Thompson Associates

Not attending and sending regrets: Robert Grenier Jr. and JoAnna Lloyd; Ocean State Rigging
Delbert Hall; Hall Associates

1 Opening remarks

Mike Garl called the meeting to order at 19:04. He thanked all for attending to move these standards forward. He said that he appreciated the time and money the attendees had expended to attend.

2 Attendance and membership

A red sign-in sheet was circulated, and Ruling explained how to respond on it.

2.1 Introduction of those present

Mike Garl asked those present to introduce themselves, which they did, proceeding in a clockwise direction around the large hollow-square table.

2.2 Call for quorum

Mike Garl announced that we have a quorum present.

2.3 Requirements for membership

Mike Garl reminded those attending that membership is open to all that are affected by the work of the group and that membership in ESTA is not a requirement. He also reminded them that every principal member of the working group is 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 applications were read by Mike Garl at this time in the meeting:

Ron Bonner; PLASA; principal; general interest
Ted Paget; Jones and Phillips, principal; general interest (change of voting status from observer)
Michael Patterson; Theatre Projects Consultants; principal, user
Dennis Lopez; Automatic Devices Co.; observer, producer
Jeff Willkowski, Thern Inc.; principal, producer

Garl noted that Michael Patterson was not present, and that voting members are required to attend meetings.

Brad Dittmer moved that the above be accepted to the working group, but that Michael Patterson shall be given observer status. The motion was seconded. The motion was approved by a unanimous show of hands.

At Peter Happe's request, Dan Culhane moved that Peter Happe be made a principal voting member of the working group. The motion was seconded. The motion was approved by a unanimous show of hands.

The complete voting body of record during the meeting, including those not present, was thus:

Name	Company	Representing	Voting status	Interest category
William Conner	Schuler & Shook Inc.	Amer. Society of Theatre Consultants	P	U
Andrew T. Martin	ATM Group, Inc.	ATM Group, Inc.	P	MP
Don Dimitroff	Columbus McKinnon Corp.	Columbus McKinnon Corp.	P	MP
Wally Blount	Columbus McKinnon Corp.	Columbus McKinnon Corp.	A	MP
M. Brad Dittmer	Downhome Productions - Springfield, MO	Downhome Productions	P	U
Tim Franklin	Geiger Engineers	Geiger Engineers	P	G
Reid Neslage	H & H Specialties Inc.	H & H Specialties Inc.	P	MP
Jeffrey Hoffend	Hoffend & Sons, Inc.	Hoffend & Sons, Inc.	P	CP

Edwin S. Kramer	I.A.T.S.E, Local 1	I.A.T.S.E. Local 1	P	U
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
Edward Paget	Jones & Phillips Associates, Inc.	Jones & Phillips Associates, Inc.	P	G
William Beautyman	Limelight Productions, Inc.	Limelight Productions, Inc.	P	DR
Louis Bradfield	Louis Bradfield	Louis Bradfield	I	U
Harvey Sweet	LVH Entertainment Systems	LVH Electric, Inc.	P	DR
Bradford A. Kegel	National Production Services Inc.	National Production Services Inc.	P	U
Tim Hansen	Oasis Stage Werks	Oasis Stage Werks	P	DR
Robert A. Grenier Jr.	Ocean State Rigging Systems Inc.	Ocean State Rigging Systems Inc.	P	DR
JoAnna Lloyd	Ocean State Rigging Systems Inc.	Ocean State Rigging Systems Inc.	A	DR
Richard J. Nix	On Location Lighting Systems Inc.	On Location Lighting Systems Inc.	P	G
Tony Douglas-Beveridge	PLASA	PLASA	A	G
Ron Bonner	PLASA	PLASA	P	G
Michael Akrep	Polar Focus, Inc.	Polar Focus, Inc.	P	MP
Baer Long	Protech Theatrical Rigging Services	Protech Theatrical Rigging Services	P	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
Larry Lutz	Texas Scenic Company	Texas Scenic Company	P	CP
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	P	G
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
Peter Hind	Total Structures, Inc.	Total Structures, Inc.	P	MP
Ian Coles	Total Structures, Inc.	Total Structures, Inc.	A	MP
Peter Johns	Total Structures, Inc.	Total Structures, Inc.	A	MP
Doug Recher	Total Structures, Inc.	Total Structures, Inc.	A	MP
Hans van der Moolen	Verlinde N.L.	Verlinde Spa. France	P	MP
Peter Happe	Walt Disney Imagineering	Walt Disney	P	U
Robin Crews	Wrightson, Johnson, Haddon & Williams, Inc.	Wrightson, Johnson, Haddon & Williams, Inc.	P	G
			32	8 U
				9 MP
				4 CP
				4 DR
				7 G

4 Approval of minutes from the previous meeting

Dan Culhane moved to the minutes of the October 2002 meeting be accepted as written. The motion was seconded. The motion was approved by a unanimous show of hands.

5 ESTA declarations

5.1 The Anti-Trust Statement was read aloud by Mike Garl:

"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 \$100,000 and imprisoned for up to three years. An easy to read pamphlet describing restraint of trade issues is available from the Technical Standards Manager."

Karl Ruling held up some copies of the pamphlets.

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

5.2 The Call for Patents was read aloud by Mike Garl:

"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 brought to the attention of the assembly.

6 Approval of agenda

Ted Paget moved that the draft agenda be approved. The motion was seconded. The motion was approved by a show of hands.

7 Old business

7.1 E1.2 – Aluminum trusses and towers revision

Mike Garl reported that TSC had approved the motion to send the revisions to public review.

7.2 E1.4 - Manual rigging systems

Richard Nix reported that the task group was starting work on drafting possible resolutions to the public review comments.

7.3 E1.6 – Powered rigging systems

Mike Garl reported that it's in public review through March 11.

Ruling reported that the working group needed to draft a written response to the two letters that Hans van der Moolen had written to the working group, objecting to provisions in the BSR E1.6 document. Ruling also noted that van der Moolen had submitted a multi-page discourse on risk assessment as part of the last public review, and that a response to that was also needed. The dissertation hadn't apply directly to any text in the draft standard at that time, but a reasoned response still had to be drafted to it, and this had not been done. The working group is not required to accept van der Moolen's comments and to modify the standard accordingly if it does not find the comments acceptable, Ruling explained, but it had to give written reasons for not doing so. The reasons for not accepting the comments had to be judicious and had to show that van der Moolen's comments had been fairly considered but had been rejected on technical grounds or because they were not consistent with the scope of the standard or the way that the working group felt the standard could best offer advice in a form that would be understood by its intended readership.

Dan Culhane moved that the E1.6 task group shall draft a formal response to Hans van der Moolen's two letters and his unresolved comment from the previous public review. The issues raised in these letters and comments will be resolved as part of the current public review. The TSM shall write a letter to Hans to stating that this is how the issues he has raised will be resolved. The motion was seconded. The motion was approved by a unanimous show of hands.

7.4 E1.7 - Recommended practice for flying performers

Continuation of motion to accept comment resolutions

Harvey Sweet moved that we accept the revised comment resolutions to the fourth public review of BSR E1.7 (Rig/2002-2021r1). The motion was seconded. The show of hands revealed 16 voting in

favor and no negative votes, but this 16 did not constitute a supermajority of the voting body of record (32), so the motion did not carry.

The consensus was that the entire voting body should be allowed to vote on this matter, and that some time to further consider the document was reasonable.

Dan Culhane moved that the revised comment resolutions be accepted, and that this be decided by a letter ballot. The motion was seconded. Support for this course of action was shown by a unanimous show of hands. The motion to accept the revised comment resolution document shall be decided by letter ballot.

7.5 E1.8 - Speaker enclosures rigging standard

Mike Garl reported that the task group is working on suggested comment resolutions.

7.6 E1.15 – Boom & base standard

Richard Nix reported that the public review ends on January 28. Karl Ruling says he has received very few public review comments. Mike Garl urged attendees to comment and to urge their customers, clients, and associates to comment.

7.7 E1.21 – Stage roofs standard

Keith Bohn reported that the task group has a complete document with a beginning, middle, and end. He has merged the recently received homework assignments into one document and has sent the document back out to the task group for comment and refinement. He said that he should have it ready for the working group to review before the next meeting.

7.8 E1.22 – Fire curtains

Bill Conner reported on the progress of the project. He said that there is dissent in the task group, and he had promised he wouldn't make a motion to send it out for public review unless there was a unanimous consent within the task group.

The consensus of the working group was that the document should be circulated within the task group again, since not all had seen the latest revision, before the working group votes on a motion to send the document to a first public review.

Tim Hansen moved that the refined version of the draft standard, the version that shall result from this one additional circulation within the task group, shall be sent to public review. The motion was seconded. This public review motion is to be decided by letter ballot.

Ruling said that the standard needs to be sent to him in two weeks if the motion is to be resolved before the March meeting.

It was noted that the draft BSR E1.22 standard refers to BSR E1.4 and BSR E1.6, so the current versions of those shall be made available in the public review.

8 New business

8.1 Motor controller connectors.

Brian Dowd reviewed the issue of three-pole connectors being used on motor controls. The issue had been discussed in the Electrical Power Working Group meeting. The EPWG decided that this was an issue for the Rigging Working Group to handle if it chooses, but the EPWG offered help in code research and asked to be allowed to review the draft document before it goes to any public review.

Ted Paget moved that Brian Dowd shall draft a proposed scope statement for a document recommending motor control connector selection and wiring and a list of interested parties, and that

he bring this information back to the Rigging Working Group for consideration at the next meeting. The motion was seconded. The motion was accepted by a unanimous show of hands.

8.2 Additional working group applications and changes of voting status

Brian Dowd submitted a working group application. Ted Paget moved that Brian Dowd be accepted as a principal voting member of the working group in the custom-manufacturer interest category. The motion was seconded. The motion was accepted with a unanimous show of hands.

At John Snook's request, Dan Culhane moved that John C. Snook be moved from observer to principal. The motion was seconded. The motion was accepted with a unanimous show of hands.

9 Other business

Mike Garl distributed ESTA Bucks to the meeting participants.

10 Schedule for future meetings

Mike Garl announced that the next Rigging Working Group meeting is scheduled for Wednesday, 19 March 2003, from 19:00 to 23:00 at the Hilton Minneapolis, 1001 Marquette Avenue South, Minneapolis, MN 55403.

The following meeting is scheduled for Friday, 25 July 2003, from 19:00 to 23:00 at this hotel, the Dallas/Ft. Worth Marriott South, 4151 Centrepont Drive, Ft. Worth, Texas.

11 Changes of membership status resulting from lack of attendance.

None.

12 Adjournment

Brad Dittmer moved that the meeting adjourn. The motion was seconded. The motion was approved by acclamation. Mike Garl declared the meeting adjourned at 20:40.

Working Group Membership and Contact Information as of 2003-01-29

Name	Company	Representing	Voting status	Int. cat.
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	Schuler & Shook Inc.	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.	P	MP
Dennis J. Lopez	Automatic Devices Co.	Automatic Devices Co.	O	MP
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
Joachim Stoecker	CAMCO GmbH	CAMCO GmbH	O	MP
Mark M. Witteveen	Chicago Flyhouse Inc.	Chicago Flyhouse Inc.	O	U
Ted Jones	Chicago Spotlight, Inc.	Chicago Spotlight, Inc.	O	U
Don Dimitroff	Columbus McKinnon Corp.	Columbus McKinnon Corp.	P	MP
Wally Blount	Columbus McKinnon Corp.	Columbus McKinnon Corp.	A	MP
Jason Friedman	Creative Realities, Inc.	Creative Realities, Inc.	O	G
Ron Fogel	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	CP
M. Brad Dittmer	Downhome Productions - Springfield, MO	Downhome Productions	P	U
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
David M. Campbell	Geiger Engineers	Geiger Engineers	O	G
Tim Franklin	Geiger Engineers	Geiger Engineers	P	G
Paul Brady	Grand Stage Company, Inc.	Grand Stage Company, Inc.	O	U
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
Edwin S. Kramer	I.A.T.S.E., Local 1	I.A.T.S.E. Local 1	P	U
Gian Carlo C. Bartolotti	Ibeam SP / Banco de Eventos	Ibeam SP / Banco de Eventos	O	U
Perry Langenstein	International Theatre Consultants	International Theatre Consultants	O	G
Jack Suesse	J.R. Clancy, Inc. (NC)	J.R. Clancy, Inc.	A	CP
Rodney F. Kaiser	J.R. Clancy Inc.	J.R. Clancy, Inc.	P	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.	P	G
Nevin Kleege	Kleege Industries	Kleege Industries	O	U
William Beautyman	Limelight Productions, Inc.	Limelight Productions, Inc.	P	DR
Louis Bradfield	Louis Bradfield	Louis Bradfield	I	U
Harvey Sweet	LVH Entertainment Systems	LVH Electric, Inc.	P	DR
Kevin Dallmeyer	Mandalay Resort Group	Mandalay Resort Group	O	U
Charles E. Gorgen	Midwest Crane Corp.	Midwest Crane Corp.	O	MP
Kent H. Jorgensen	MPS Grips, Local 80	MPS Grips, Local 80	O	G
Bradford A. Kegel	National Production Services Inc.	National Production Services Inc.	P	U
Tracy Nunnally	Northern Illinois University	Northern Illinois University	O	U
Ted Hickey	OAP Audio Products	OAP Audio Products	O	MP
Gary Justesen	Oasis Stage Werks	Oasis Stage Werks	O	U
Tim Hansen	Oasis Stage Werks	Oasis Stage Werks	P	DR
JoAnna Lloyd	Ocean State Rigging Systems Inc.	Ocean State Rigging Systems Inc.	A	DR
Robert A. Grenier Jr.	Ocean State Rigging Systems Inc.	Ocean State Rigging Systems Inc.	P	DR
Olaf Soot	Olaf Soot Associates	Olaf Soot Associates	O	CP
Joseph Rapier	Parkhill, Smith & Cooper, Inc.	Parkhill, Smith & Cooper, Inc.	O	CP
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	CP

Ron Bonner	PLASA	PLASA	P	G
Tony Douglas-Beveridge	PLASA Standards Office	PLASA	A	G
Michael Akrep	Polar Focus, Inc.	Polar Focus, Inc.	P	MP
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
Roo Dunn	Pennsylvania Convention Center	Roo Dunn	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
Jon Lagerquist	South Coast Repertory	South Coast Repertory	O	U
Jerrold S. Tiers	St. Louis Music Inc.	St. Louis Music Inc.	O	MP
Shawn Nolan	Entertainment Structures Group	Steven Schafer Associates	O	G
Reuben Goldberg	Technic Services	Technic Services	O	U
Larry Lutz	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
Michael Patterson	Theatre Projects Consultants, Inc.	Theatre Projects Consultants	O	U
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	P	G
Ed Nicholas	Theatrical Lighting Systems, Inc.	Theatrical Lighting Systems, Inc.	O	DR
F. Robert Bauer	Theatrix Inc.	Theatrix 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
Thomas Paterson	Thomas Paterson	Thomas Paterson	O	G
Brian Dowd	TMB (NJ)	TMB	P	CP
John James	Tomcat USA, Inc.	Tomcat USA, Inc.	A	MP
Keith Bohn	Tomcat USA, Inc.	Tomcat USA, Inc.	P	MP
Mitch Clark	Tomcat USA, Inc.	Tomcat USA, Inc.	A	MP
Doug Recher	Total Structures, Inc.	Total Structures, Inc.	A	MP
Ian Coles	Total Structures, Inc.	Total Structures, Inc.	A	MP
Peter Hind	Total Structures, Inc.	Total Structures, Inc.	P	MP
Peter Johns	Total Structures, Inc.	Total Structures, Inc.	A	MP
Hans van der Moolen	Verlinde N.L.	Verlinde Spa. France	P	MP
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
Peter Happe	Walt Disney Imagineering	Walt Disney	P	U
Warren A. Bacon	Warren A. Bacon	Warren A. Bacon	O	U
Melvin Wierenga	Wierenga & Assoc.	Wierenga & Assoc.	O	DR
Robin Crews	Wrightson, Johnson, Haddon & Williams, Inc.	Wrightson, Johnson, Haddon & Williams, Inc.	P	G
Ray Robins	XS Lighting, Inc.	XS Lighting, Inc.	O	CP
Robert Dean	ZFX Inc.	ZFX Inc.	O	CP

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