

Minutes
Rigging Working Group
Wednesday, 19 November 2014
Westgate Las Vegas Resort & Casino
Las Vegas, NV

Presiding Chairperson: Bill Sapsis; Sapsis Rigging, Inc.; P; U

Recording Secretaries: Karl G. Ruling and Erin Grabe; PLASA NA; exf; G

Members in attendance:

Jesse Adams; Rose Brand; P; DR
Frank Allison; O; G
Matthew Antonucci; Contract Services Administration Trust Fund; P; U
John Van Arsdale; University of Wisconsin - Madison; O; U
Dana Bartholomew; Fisher Technical Services; Tait Towers Manufacturing LLC; P; CP
William Beautyman; Limelight Productions, Inc.; P; DR
Ian Bevan; Walt Disney Parks and Resorts; Walt Disney Company; A; U
Keith Bohn; I; G
Timothy Carlson; Circus Juventas; O; G
Joseph Champelli; Entertainment Project Services, LLC; P; DE
Stu Cox; ZFX Flying Inc.; A; CP
Dan Culhane; SECOA; P; CP
Bruce Darden; Rigging Innovators, Inc.; P; CP
Robert Dean; ZFX Flying Inc.; P; CP
Jonathan Deull; JSD Projects LLC; I; U
Brad Dittmer; Stage Labor of the Ozarks; P; U
Russ Dusek; I Weiss; P; MP
Patrick Finn; J.R. Clancy Inc.; Wenger Corp.; A; CP
Nick Fleming; Walt Disney Parks and Resorts U.S.; Walt Disney Company; A; U
Mike Garl; Mike Garl Consulting LLC; P; DE
Jerry Gorrell; Theatre Safety Programs; P; G
Pat Grenfell; Hoist Sales & Service; P; DR
Don Halchak; Total Structures Inc.; A; MP
Rod Haney; I.A.T.S.E. Local 891; P; U
Tim Hansen; Oasis Stage Werks; P; DR
Pete Happe; Walt Disney Imagineering; Walt Disney Company; P; U
Herb Hart; Columbus McKinnon Corp.; P; MP
Donald Hoffend_III; Avista Designs, LLC; A; G
Christopher Jacobs; Virginia Beach City Public Schools; P; U
Joseph Jeremy; Niscon Inc.; Show Distribution Group; P; MP
Scott Johnson; Tomcat USA, Inc.; Milos Group; A; MP
Ted Jones; Chicago Spotlight, Inc.; P; U
Kent H. Jorgensen; IATSE Local 80; O; G
Christine L. Kaiser; Syracuse Scenery & Stage Lighting Co., Inc.; P; DR
Jerald Kraft; JTH Lighting Alliance; P; CP
Edwin S. Kramer; I.A.T.S.E. Local 1; P; U
Ken P. Lager; LaFace & McGovern Associates; O; DR
Roger Lattin; I.A.T.S.E. Local 728; P; U
Jon Lenard; Applied Electronics; O; MP
Dan Lisowski; University of Wisconsin - Madison; P; U
Bob McVay; Schuler Shook; A; DE
Steven Michelman; Entertainment Project Services, LLC; A; DE
Orestes Mihaly; Production Resource Group; P; DR
Jeff T. Miller; Worldwide Standards and Auditing; Walt Disney Company; A; U
Rick Montgomery; R&M Materials Handling; P; MP

Bartholomew J. Mueller; Recreation Engineering Inc.; O; DE
Reid Neslage; H & H Specialties Inc.; P; MP
Richard J. Nix; Entertainment Structures Group; Steven Schaefer Associates; P; G
Shawn Nolan; Production Resource Group; A; DR
Tracy Nunnally; Hall Associates Flying Effects; P; CP
Gregory Orth; WNP Services, Inc.; P; DR
Edward A. (Ted) Paget; Electronic Theatre Controls, Inc.; A; CP
Miriam Paschetto; Geiger Engineers; P; G
Galen Price; Blue Man Group; P; U
Gregory Quinkert; Motion Laboratories; A; CP
Robert Ramsey; WNP Services, Inc.; A; DR
John Ringelman; Stage Rigging, Inc.; Freeman Companies; P; DR
Jean-Philippe Robitaille; Show Distribution Group, Inc.; A; MP
Shawn Sack; A.C.T. Lighting; P; DR
Chris Schmidt; Stage Rigging, Inc.; Freeman Companies; A; DR
Joseph S. Schuster; Simpson Gumpertz & Heger; P; DE
Steven C. Shaw; Levitating Productions, Inc.; P; MP
John C. Snook; Thermotex Industries Inc.; P; CP
Stephen G. Surratt; Texas Scenic Company; P; DR
Peter V. Svitavsky; J.R. Clancy, Inc.; Wenger Corp.; P; CP
Ken Tilson; Columbus McKinnon Corp.; A; MP
Will Todd; Tomcat USA, Inc.; Milos Group; P; MP
Elmer Veith; Total Structures - Eastern US Sales Office; Total Structures, Inc.; A; MP
Charlie Weiner; Tomcat USA; Milos Group; A; MP
Michael Wells; Xtreme Structures and Fabrication; P; MP
Marty Wesstrom; Mountain Productions Inc.; P; DR
R. Duane Wilson; George C. Izenour Associates; Amer. Society of Theatre Consultants; P; DE
Max A. Wilson; Applied Electronics; P; MP
Robert Young; Arup; P; DE

Visitors present:

Alex Colodner; ARUP
Jeff Reder; Clark-Reder Engineering, Inc.
Jason Shupe
Colin Crawford; WNP Services
Charles Gregory; Production Resource Group

1 Opening remarks

Bill Sapsis called the meeting to order at 19:04 by welcoming everyone to Las Vegas and to the Rigging Working Group. He thanked everyone for their continued efforts and promotion of standards.

2 Attendance and membership

2.1 Introduction of those present

Self-introductions took place around the room.

2.2 Circulation of attendance sign-in sheet

A fluorescent green sign-in sheet was passed around the room for all to sign. Karl Ruling reminded everyone that this sign-in sheet was the official record of attendance. He added that members have more than one opportunity to check that their attendance was recorded properly, and that no exceptions can be made passed those opportunities. Karl asked everyone to double-check the attendance records when the minutes go out.

2.3 Call for quorum

Bill Sapsis counted voters' raised hands, and announced a quorum present.

2.4 Requirements for membership

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

Membership is open to all who are materially affected by the work of the group. People who would be in the designer interest group category are particularly encouraged to join. However, voting members are required to attend meetings and to vote on letter ballots. Any principal member and voting alternate who both miss three consecutive meetings or letter ballots will have their membership status changed to observer.

2.5 Changes of membership status

No voters were in jeopardy of a change in voting status due to lack of attendance at this meeting.

2.6 Processing of new membership requests:

As of 19 November 2014, the following applications have been received and logged:

Michael Parrella; Arup; A; DE
Joseph S. Schuster; Simpson Gumpertz & Heger; P; DE
Patrick Finn; J.R. Clancy Inc.; Wenger Corp.; A; CP
Ken Tilson; Columbus McKinnon Corp.; A; MP
Ian Bevan; Walt Disney Parks and Resorts; Walt Disney Company; A; U
Charlie Weiner; Tomcat USA; Milos Group; A; MP
Magali Marcheschi; Polytechnic Montreal; O; G
Steven Serafin; Chubb Group of Insurance Companies; O; G
Edward A. (Ted) Paget; Daktronics Automated Rigging Solutions; Electronic Theatre Controls, Inc.; A; CP
Karl V. Sutter_III; Kimley-Horn and Associates, Inc.; O; DE
Joseph Jeremy; Niscon; Show Distribution Group; P; MP
Jean-Philippe Robitaille; Show Distribution Group; A; MP
Jon Lenard; Applied Electronics; Applied Electronics; A; MP
Max A. Wilson; Applied Electronics; Applied Electronics; P; MP
Shawn Sack; A.C.T. Lighting; A.C.T. Lighting; P; DE
Tony J. Galuppi; I; U (Not present; accepted as Observer)
Philip Heron; San Francisco Opera Assn.; O; U
Nick Fleming; Walt Disney Parks and Resorts U.S.; Walt Disney Company; A; U
Ted Jones; Chicago Spotlight, Inc.; O; P
Robert Young; Arup; O; P
Pat Grenfell; Hoist Sales & Service; O; P
John C. Snook; Thermotex Industries Inc.; O; P

Dan Culhane moved to approve the applications and requests for change in voting status. The motion was seconded and approved by a unanimous show of hands.

2.7 Consensus body

The full consensus body of the working group at the time of this meeting, including those not present, was:

| Name | Representing | Voting Status | Interest Category |
|-----------------------|---|---------------|-------------------|
| Shawn Sack | A.C.T. Lighting | P | DR |
| Woody Pyeatt | A V Pro, Inc. | P | DR |
| Ethan William Gilson | Advanced Lighting and Production Services | P | U |
| R. Duane Wilson | Amer. Society of Theatre Consultants | P | DE |
| Max A. Wilson | Applied Electronics | P | MP |
| Jon Lenard | Applied Electronics | A | MP |
| Robert Young | Arup | P | DE |
| Michael Parrella | Arup | A | DE |
| Donald A. Hoffend_Jr. | Avista Designs, LLC | P | G |

| Name | Representing | Voting Status | Interest Category |
|-----------------------|---|---------------|-------------------|
| Donald Hoffend_III | Avista Designs, LLC | A | G |
| Galen Price | Blue Man Group | P | U |
| Ted Jones | Chicago Spotlight, Inc. | P | U |
| Herb Hart | Columbus McKinnon Corp. | P | MP |
| David Carmack | Columbus McKinnon Corp. | A | MP |
| Jennifer O'Leary | Columbus McKinnon Corp. | A | MP |
| Ken Tilson | Columbus McKinnon Corp. | A | MP |
| Matthew Antonucci | Contract Services Administration Trust Fund | P | U |
| Steven Ricks | Electronic Theatre Controls, Inc. | P | MP |
| Michael Lichter | Electronic Theatre Controls, Inc. | A | MP |
| Nils Becker | Electronic Theatre Controls, Inc. | A | MP |
| Edward A. (Ted) Paget | Electronic Theatre Controls, Inc. | A | MP |
| Joseph Champelli | Entertainment Project Services, LLC | P | DE |
| Steven Michelman | Entertainment Project Services, LLC | A | DE |
| Joseph McGeough | Foy Invenenterprises, Inc. | P | CP |
| John Ringelman | Freeman Companies | P | DR |
| Rocky Paulson | Freeman Companies | A | DR |
| Chris Schmidt | Freeman Companies | A | DR |
| Jeremy Hochman | Full Throttle Films/ VER | P | DR |
| Scott M. Blair | Full Throttle Films/ VER | A | DR |
| Miriam Paschetto | Geiger Engineers | P | G |
| Reid Neslage | H & H Specialties Inc. | P | MP |
| Tracy Nunnally | Hall Associates Flying Effects | P | CP |
| John P. Moore | Hall Associates Flying Effects | A | CP |
| Ed Garstkiewicz | Harting KGAA | P | G |
| Howard Forryan | Harting KGAA | A | G |
| Pat Grenfell | Hoist Sales & Service | P | DR |
| Edwin S. Kramer | I.A.T.S.E. Local 1 | P | U |
| Roger Lattin | I.A.T.S.E. Local 728 | P | U |
| Rod Haney | I.A.T.S.E. Local 891 | P | U |
| Russ Dusek | I Weiss | P | MP |
| Jonathan Deull | JSD Projects LLC | I | U |
| Jerald Kraft | JTH Lighting Alliance | P | CP |
| Keith Bohn | Keith Bohn | I | G |
| Steven C. Shaw | Levitating Productions, Inc. | P | MP |
| William Beautyman | Limelight Productions, Inc. | P | DR |
| Steve (BOZ) Bodzioch | LMG Inc. | P | DR |

| Name | Representing | Voting Status | Interest Category |
|--------------------------|---|---------------|-------------------|
| Douglas M. Eldredge | LMG Inc. | A | DR |
| Marcus Lopez Jr. | LMG Inc. | A | DR |
| William B. Gorlin | M.G. McLaren, P.C. | P | G |
| Mike Adamovich | M.G. McLaren, P.C. | A | G |
| Mike Garl | Mike Garl Consulting LLC | P | DE |
| Will Todd | Milos Group | P | MP |
| Scott Johnson | Milos Group | A | MP |
| Charlie Weiner | Milos Group | A | MP |
| Vincent J. Cannavale | Motion Laboratories | P | CP |
| Peter Herrmann | Motion Laboratories | A | CP |
| David Herrmann | Motion Laboratories | A | CP |
| Gregory Quinkert | Motion Laboratories | A | CP |
| Marty Wesstrom | Mountain Productions Inc. | P | DR |
| Tim Hansen | Oasis Stage Werks | P | DR |
| Orestes Mihaly | Production Resource Group | P | DR |
| Shawn Nolan | Production Resource Group | A | DR |
| Todd Spencer | PSAV Presentation Services | P | U |
| Carlos Ortega | PSAV Presentation Services | A | U |
| Rick Montgomery | R&M Materials Handling | P | MP |
| Bruce Darden | Rigging Innovators, Inc. | P | CP |
| Jesse Adams | Rose Brand | P | DR |
| Bill Sapsis | Sapsis Rigging, Inc. | P | U |
| Peter A. Scheu | Scheu Consulting Services, Inc. | P | DE |
| Kimberly Corbett Oates | Schuler Shook | P | DE |
| Joshua Grossman | Schuler Shook | A | DE |
| Bob McVay | Schuler Shook | A | DE |
| Dan Culhane | SECOA | P | CP |
| Joseph Jeremy | Show Distribution Group | P | MP |
| Jean-Philippe Robitaille | Show Distribution Group, Inc. | A | MP |
| Joseph S. Schuster | Simpson Gumpertz & Heger | P | DE |
| Brad Dittmer | Stage Labor of the Ozarks | P | U |
| Steve Walker | Steve A. Walker & Associates | P | G |
| Richard J. Nix | Steven Schaefer Associates | P | G |
| Kyle Kusmer | Steven Schaefer Associates | A | G |
| Christine L. Kaiser | Syracuse Scenery & Stage Lighting Co., Inc. | P | DR |
| Dana Bartholomew | Tait Towers Manufacturing LLC | P | CP |
| Mark Ager | Tait Towers Manufacturing LLC | A | CP |

| Name | Representing | Voting Status | Interest Category |
|--|------------------------------------|---------------|-------------------|
| Patrick Leigh Bettington | Tait Towers Manufacturing LLC | A | CP |
| Stephen G. Surratt | Texas Scenic Company | P | DR |
| Rick Rosas | Texas Scenic Company | A | DR |
| Joel A Guerra | Texas Scenic Company | A | DR |
| Jyle Nogee | Texas Scenic Company | A | DR |
| Jerry Gorrell | Theatre Safety Programs | P | G |
| John C. Snook | Thermotex Industries Inc. | P | CP |
| Sam Michael | Thern, Inc. | P | MP |
| Jeff Wilkowski | Thern, Inc. | A | MP |
| Adrian Forbes-Black | Total Structures Inc. | P | MP |
| Elmer Veith | Total Structures, Inc. | A | MP |
| Theresa Kelley | Total Structures Inc. | A | MP |
| Don Halchak | Total Structures Inc. | A | MP |
| Dan Lisowski | University of Wisconsin - Madison | P | U |
| Christopher Jacobs | Virginia Beach City Public Schools | P | U |
| Pete Happe | Walt Disney Company | P | U |
| Jeff T. Miller | Walt Disney Company | A | U |
| Earle T. Greene | Walt Disney Company | A | U |
| Ian Bevan | Walt Disney Company | A | U |
| Nick Fleming | Walt Disney Company | A | U |
| Peter V. Svitavsky | Wenger Corp. | P | CP |
| Patrick Finn | Wenger Corp. | A | CP |
| Gregory Orth | WNP Services, Inc. | P | DR |
| Robert Ramsey | WNP Services, Inc. | A | DR |
| Michael Wells | Xtreme Structures and Fabrication | P | MP |
| Mark Newlin | Xtreme Structures and Fabrication | A | MP |
| Robert Dean | ZFX Flying Inc. | P | CP |
| Stu Cox | ZFX Flying Inc. | A | CP |
| Sandy Harned | ZFX Flying Inc. | A | CP |
| Voting Status Key: P = Principal voter, A = Alternate voter, I = Individual voter | | | |
| Custom-market producer | | CP | 10 |
| Designer | | DE | 7 |
| Dealer or rental company | | DR | 14 |
| General interest | | G | 8 |
| Mass-market producer | | MP | 12 |
| User | | U | 14 |
| Total votes possible: | | | 65 |

3 Approval of minutes from the previous meeting

See the draft minutes of the July meeting, RIGmin07-2014.pdf.

Roger Lattin moved to approve the July minutes as drafted. The motion was seconded and approved by a show of hands, with no objections or abstentions.

4 PLASA declarations

4.1 Reading of the anti-trust statement

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

PLASA and its members take seriously their obligation to comply with all applicable antitrust laws. Therefore, during this meeting and during all PLASA events, all discussions will be limited to those subjects that are permitted by the antitrust laws. All members should refrain from any discussion or mention of competitively sensitive subjects such as the current or future prices charged for any member product or services, current or future marketing plans or strategies, and current or future costs, including employee salaries. There also must be no agreement on the suppliers or customers that members will do business with or the markets in which members will conduct business.

Violations of the antitrust laws can have serious consequences. If you have any questions or concerns about anything that is discussed at a PLASA meeting, please bring your concern to PLASA management. An easy to read pamphlet describing the antitrust laws is available from the PLASA staff.

Karl Ruling held up the pamphlet for the group. Nothing was reported.

4.2 Call for patents

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

PLASA intends not to publish any standard that contains protected intellectual property, unless that information can be licensed by anyone for a reasonable fee. PLASA uses a process of open patent and copyright disclosures to implement its intent. PLASA 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.

Nothing was reported regarding patents or other intellectual property.

5 Approval of the agenda

Eddie Kramer moved to approve the agenda as drafted. Keith Bohn seconded the motion, which passed by a show of hands.

6 New business

6.1 Commenting within the working group

Bill Sapsis pleaded to the group to get comments from within the working group before drafts go to public review. This cannot always be the case, he acknowledged, but admitted that the processes can slow down if the bulk of comments received are coming from within working group.

6.2 Request from Actors' Equity about equipment fall restraint

See Equity-EquipmentFallProtection.pdf.

Bruce Darden volunteered to do research to identify standards that say accessories need to be secured. Jerry Gorrell will help with the task.

6.3 Other new business

No other new business.

7 Old business

7.1 ANSI E1.1 - 2012, wire rope ladders (revision, reaffirmation, or withdrawal by 2017)

No news or action at this time.

7.2 ANSI E1.2 - 2012, Entertainment Technology - Design, Manufacture and Use of Aluminum Trusses and Towers (revision, reaffirmation, or withdrawal by 2017)

No news or action at this time.

7.3 BSR E1.4-1 - 201x, Entertainment Technology--Manual Counterweight Rigging Systems

See *BSR_E1-4-1_201xR1 for RWG review 2014-10-29.pdf*.

The draft document was discussed and revised to require training.

Richard Nix then moved to offer the revised document for public review. The motion was seconded and approved by a show of hands, with 10 opposed and 6 abstentions.

7.4 BSR E1.4-2 - 201x, Entertainment Technology—Statically Suspended Rigging Systems

From the draft July minutes:

Ethan Gilson noted that the group has met and is making headway, but that they will likely not have something for consideration at next meeting.

Jesse Adams reported that the group will be meeting tomorrow (20 November) and that they expect to make some headway.

7.5 E1.4-3 - 201x - Hand winch rigging

Richard Nix reported that the group will be meeting tomorrow (20 November) and that the document is already making progress.

7.5 ANSI E1.6-1 - 2012, Entertainment Technology--Powered Hoist Systems (revision, reaffirmation, or withdrawal by 2017)

No news or action at this time.

7.6 ANSI E1.6-2 - 2013, Entertainment Technology--Design, Inspection, and Maintenance of Electric Chain Hoists for the Entertainment Industry (revision, reaffirmation, or withdrawal by 2018)

No news or action at this time.

7.7 ANSI E1.6-3 - 2012, Safe Use of Electric Chain Hoists in the Entertainment Industry (revision, reaffirmation, or withdrawal by 2017)

No news or action at this time.

7.8 ANSI E1.6-4 - 2013, Control of Electric Chain Hoists in the Entertainment Industry (revision, reaffirmation, or withdrawal by 2018)

No news or action at this time.

7.9 ANSI E1.8 - 2012, Entertainment Technology--Loudspeaker Enclosures Intended for Overhead Suspension--Classification, Manufacture and Structural Testing (revision, reaffirmation, or withdrawal by 2017)

No news or action at this time.

7.10 ANSI E1.15 - 2006 (R2011), Entertainment Technology--Recommended Practices and Guidelines for the Assembly and Use of Theatrical Boom & Base Assemblies (revision, reaffirmation, or withdrawal by 2016)

No news or action at this time.

7.11 ANSI E1.21 - 2013, Temporary Ground-Supported Overhead Structures Used To Cover Stage Areas and Support Equipment in the Production of Outdoor Entertainment Events (revision, reaffirmation, or withdrawal by 2018)

Tim Hansen reported that PLASA's legal counsel, David Saltiel, had recently attended an American Bar Association event where a copy of this standard was included in the welcome packet.

7.12 BSR E1.22 - 20xx, Entertainment Technology - Fire Safety Curtain Systems (revision, reaffirmation, or withdrawal by 2014)

The draft was in public review through 3 November 2014.

Dan Culhane reported that the group had a great meeting this morning (19 November). Comment resolutions had been drafted, and along with the revised draft standard, they will be distributed to the working group for consideration. They intend to have it ready by January, or March at the latest. Another public review will be required.

7.13 BSR E1.39 - 20xx, Entertainment Technology –Selection and Use of Personal Fall Arrest Systems on Portable Structures Used in the Entertainment Industry

The draft was in public review through 3 November 2014 with a concurrent letter ballot for acceptance as an ANS that went into recirculation through November 18.

Eddie Kramer moved to approve the drafted resolutions to Keith Burgess. The motion was seconded and approved by a show of hands, with one abstention.

The working group spent much time drafting resolutions to Ed Kish's comments.

Brad Dittmer then moved to approve the public review comment resolutions as drafted by the working group at this meeting. The motion was seconded and approved by a show of hands with one abstention.

Dan Culhane withdrew his letter ballot no vote on the grounds that his concerns are satisfied with the above resolutions.

Ted Paget then moved to approve the resolutions drafted in response to the comments and reasons offered on the working group letter ballot. The motion was seconded and approved by a unanimous show of hands.

No substantive changes were made to the draft standard. The motion to accept the document as an American National Standard, approved by letter ballot Rig/2014-2020r2, stood. The draft standard and the motion to accept it as an American National Standard shall be forwarded to the Technical Standards Council.

7.14 BSR E1.43 - 201x, Live performer flying effect standard

See *E1-43_FirstRevwCmmntResols Rev10 2014-10-01.pdf* and *E1-43_LateComments20-Oct-2014+Resols.pdf* for the full list comments and proposed resolutions. There are two documents because late comments were submitted and are being considered. Also see the revised draft standard, file to be forthcoming.

Joe Champelli addressed the group and began a discussion on the comment resolutions that still needed some work beyond what the task group had done. The group addressed each remaining comment and came to a consensus on the resolutions.

Dana Bartholomew moved to approve the comment resolutions as previously drafted and then amended during this meeting (the entire body of comment resolutions). The motion was seconded and approved by a show of hands, with one abstention.

Dana Bartholomew then made a motion to offer the revised draft for a second public review. The motion was seconded by Dan Culhane and approved by a show of hands with one abstention.

7.15 ANSI E1.44 – 2014, Common Show File Exchange Format for Entertainment Industry Automation Control Systems -- Stage Machinery (revision, reaffirmation, or withdrawal by 2019)

No news or action at this time.

7.16 Rigging Glossary

From the July draft minutes:

Chris Kaiser addressed the group by suggesting the addition of a group-sanctioned definition for design factor and working load limit. Shawn Nolan agreed with the usefulness of such definitions and volunteered to craft language for Chris Kaiser and task group.

Shawn Nolan apologized for not having drafted any text about design factors and working load limits, but said that he will be doing so very soon. He will offer the text to Christine Kaiser for inclusion in the document.

7.17 BSR E1.47 - 201x Recommended Guidelines for Entertainment Rigging System Inspections

See *BSR_E1-47_CommentSummary.pdf*. Resolutions need to be drafted.

Pete Svitavsky said that the group has received comments are meeting tomorrow (November 20) to begin drafting resolutions.

7.18 BSR E1.50—Video wall project

See *E1-50_DisplaySystems2014-10-26 R2 for RWG review.pdf*, emailed to the WG on 28 October 2014.

Comments from the working group have been included into the draft.

Jerry Gorrell offered further comments and the working group made changes to the document per those comments. Having satisfied Jerry Gorrell's concerns, Charlie Wiener moved to offer the draft for public review. The motion was seconded and approved by a show of hands with one abstention.

7.19 BSR E1.56, Rigging Support Points Design, Fabrication, Installation, and Testing

From the draft July minutes:

Bill Sapsis assigned Pete Happe, Carlos Ortega, Jonathan Deull, Chris Schmidt, Shawn Nolan, and Mike Wells to be on the task group.

Shawn Nolan announced that the task group is to meet twice during this meeting cycle, and that they have a skeleton document to work from already. Now that Tony J. Galuppi is a member of the working group, Shawn requested that he be added to the task group. Bill Sapsis approved.

8 Other business and announcements

8.1 Remembering Jay Glerum

Bill Sapsis reminded the group that PLASA is hosting a gathering to honor Jay Glerum on Friday, November 21st from 5pm - 6:30pm at the Westgate Las Vegas (formerly the Las Vegas Hotel) in Conference Room 2. He asked member to come and share their stories and memories of Jay.

8.2 The TSP Turns 20

Bill Sapsis reminded the group that this year marks 20 years of the TSP. He pointed the group to an article by Mike Garl, Karl Ruling, and Mike Wood, from the latest issue of Protocol, which can be read online at <http://na.plasa.org/publications/protocol.html>.

8.3 Technical marketing group

From the draft July minutes:

Bill Sapsis reported that PLASA is looking for a representative from the RWG to be on this committee to develop marketing campaigns to promote rigging standards. Chris Kaiser objected to the timing of the meeting. Bill Sapsis said that he will see about moving the meeting time. Scott Blair suggested Friday night.

Bill Sapsis reported that Jennifer O'Leary has offered to work with Lori Rubinstein on this.

8.4 Above & Beyond Awards

Bill Sapsis reminded the group that the nomination site is open year round at tsp.plasa.org/AboveandBeyond.

8.5 TSP sessions at LDI 2014

Bill Sapsis reminded the group that links to the full schedule of TSP-related 90-minute sessions, as well as the schedule for Standards on the Stage at PLASA booth 1469, are available at the TSP homepage, tsp.plasa.org.

8.6 CEN standards update

Karl Ruling read from Ron Bonner's report from the first Plenary meeting of TC/433 at DIN, Berlin 13 August 2014:

This was the first plenary meeting of the newly formed TC/433 and DIN hosted the meeting at their offices in Berlin. Mr Michael Schmitt from DIN provided secretariat support and will be the TC/433 secretary.

There were 8 countries in attendance which included:

- Austria
- Belgium
- Denmark
- France
- Germany
- Netherlands
- Spain
- UK

The UK and Germany were the only members that provided a full delegation, and in some instances the representatives sent to the meeting were Standards bodies' representatives only and not industry subject matter experts.

Mr. Andreas Bickel from Germany was nominated as the chair by DIN without opposition and elected unanimously.

After the election of the chair, a drafting committee was created from volunteers from the committee.

Following the committee formalities Michael Schmitt gave a brief presentation of the CCMC (CEN/CENELEC Management Centre) and procedures for Standards creation.

There was agreement that for the purposes of nomenclature, TC433 will be titled TC433 *Entertainment Technology – Machinery: Equipment and installations*.

The remainder of the meeting was given over to discussing the formulation of the New Work Items as part of the business plan to send to CEN with the intended work programme. Included within this discussion was a request for as many indications of the value of the business of entertainment technology/national value of entertainment.

The meeting agreed that the first order of work should be the adoption of CWA15902 parts 1 and 2 (*Lifting and Load-bearing Equipment for Stages and other Production Areas within the Entertainment Industry - Part 1: General requirements (excluding aluminium and steel trusses and towers)*) and

Lifting and Load-bearing Equipment for Stages and other Production Areas within the Entertainment Industry - Part 2: Specifications for design, manufacture and for use of aluminium and steel trusses and towers)

A good deal of discussion prevailed regarding the content and documentation with Germany suggesting that the existing document (CWA) be laid against other standards and a new document be created. The UK was strongly against this as we felt that the CWA document was the document with a mandate to adopt as a standard and that the work, time and expense that the original drafting committee had committed to would be a waste of good work. The UK was asked to provide proof of the mandate from CEN to adopt the document (The vote taken at the end of CWA15902's first 3 year period) This can be provided in the CEN summary of the votes cast at this time.

Germany feels that the new Standard cannot contain Codes of Practices so there is a move to split the document to reflect this.

There are plans to form 2 working groups (WG) with WG 1 responsible for Machinery as per part one of the CWA and WG2. For Aluminium Trusses and Towers etc. Although there is no title assigned for this WG.

There was a suggestions that a further 2 working groups could be formed to look at *Definitions* and *Codes of Practice*

There was also a great deal of discussion regarding the harmonisation of this document with the Machinery Directive and even after the Denmark representative pointed out that the requirements for harmonisation of EN standards has to come from the European Commission, Germany was insistent that a reference to the future consideration that this EN be a harmonised standard to comply with the Machinery Directive. As yet no indication has been given by Germany on what that conformity applies too as the machinery in question within CWA15902 is already required to meet the Low Voltage Directive, EMC and now the RoHS requirements along with the Machinery Directive.

A request for a convener of WG1 was made by the Chair and as The UK had already gone a good way to set this WG up under TC/10 the UK has again agreed to convene it. There is no other support other than editing services to a WG from BSI, so this WG cannot be confirmed until the logistics of the WG is agreed and support in place.

Other work items were briefly explained by Germany but these subjects were not discussed.

The meeting came to a close with commitment that the executive summary of the work will be sent to all delegations.

The date of the next meeting was set as the 19th of February 2015 and Spain has offered to host the next meeting in Madrid (subject to confirmation). The suggested meeting periods are initially every six months and then eventually every 12 months.

Action points

- Confirm the formulation of the support functions to convene WG1
- Provide business proof of the value of national entertainment value

Bill Sapsis added that these efforts have no effect in North America; CEN standards have legal weight only in the European Union.

Mike Garl reported that E1.2 had been included in the part of CWA 15902 for aluminium truss, and that BSI was possibly going to be taking on a wire rope ladder standard. If they proceed, they will be using E1.1 as a starting point.

9 Schedule for future meetings

The group agreed to try to meet via teleconference on 30 January 2015 at noon EST. Details to be distributed when available.

10 Adjournment

Ted Paget moved the meeting adjourn. The motion was seconded. Hearing no objections or further discussion, Bill Sapsis declared the meeting adjourned at 22:27.