

Minutes
Technical Standards Council
Wednesday 20 March 2013
Hyatt Regency Milwaukee
13:00 - 17:00

Presiding chairman: Mike Garl; Tomcat USA, Inc. (Milos Group); P

Recording secretary: Karl G. Ruling; PLASA

Members attending:

Jules Lauve ; Theatre Projects Consultants, Inc., representing ASTC; P
Kimberly Corbett; Schuler Shook, representing ASTC; A
Wendy Holt; AMPTP/CSATF, representing CSATF; P
Larry Schoeneman; DesignLab Chicago, Inc.; P
Steve Terry; Electronic Theatre Controls; P
Edwin S. Kramer; I.A.T.S.E. Local 1; P
Alan M. Rowe; IATSE Local 728, representing the IATSE Crafts Advancement Program; P
Eddie Raymond; IATSE Local 16 (PLASA NA Chairman); P
Ken Vannice; Leviton Manufacturing Co., Inc.; P
Mike Garl; Tomcat USA, Inc. (Milos Group); P
Mitch Hefter; Mitch Hefter; P
Matthew Griffiths; PLASA EU; ex officio
Lori Rubinstein; PLASA NA; ex officio
Erin Grabe; PLASA NA; ex officio
Bill Sapsis; Sapsis Rigging, Inc.; P
Jerry Gorrell; Theatre Safety Programs, represeing USITT; P
Fred Kosiewski; Walt Disney Parks & Creative Entertainment (Walt Disney Company); P
David E. Miller; Walt Disney Parks & Creative Entertainment (Walt Disney Company); A

Visitors:

Roger Lattin; I.A.T.S.E.Local 728

1 Opening remarks

Mike Garl welcomed the Technical Standards Council meeting at 13:13.

2 Attendance and membership

Garl announced that a quorum was present.

2.1 Taking attendance

A hot pink sign-in sheet was passed around clockwise while self-introductions went counterclockwise around the room.

2.2 Welcome to visitors

The participants from the Walt Disney Comapny were welcomed.

Katie McCulloh, PLASA's new Marketing Director, and Erin Grabe, PLASA's new Assitant Technical Standards Manager,were introduced to the TSC.

2.3 Introductions

Those present introduced themselves.

2.4 Consensus body

The complete consensus body during this meeting, including those not present was:

| Name | Representing | Voting Status |
|-----------------------------|---|---------------|
| Jules Lauve | Amer. Society of Theatre Consultants | P |
| Eugene Leitermann | Amer. Society of Theatre Consultants | A |
| Kimberly Corbett | Amer. Society of Theatre Consultants | A |
| Wendy Holt | Contract Services Administration Trust Fund | P |
| Larry Schoeneman | DesignLab Chicago, Inc. | P |
| Steve Terry | Electronic Theatre Controls, Inc. | P |
| Edwin S. Kramer | I.A.T.S.E. Local 1 | P |
| Alan M. Rowe | IATSE Crafts Advancement Program | P |
| Eddie Raymond | IATSE Local 16 (PLASA NA Chairman) | P |
| Ken Vannice | Leviton Manufacturing Co., Inc. | P |
| Mike Wood | Mike Wood Consulting LLC | P |
| Mike Garl | Milos Group | P |
| Mitch Hefter | Mitch Hefter | P |
| Ron Bonner | PLASA EU | P |
| Harry Box | PLASA Production Equipment Rental Group | P |
| JR Reid | PLASA Production Equipment Rental Group | A |
| Bill Sapsis | Sapsis Rigging, Inc. | P |
| Jerry Gorrell | USITT | P |
| Louis Bradfield | USITT | A |
| Fred Kosiewski | Walt Disney Company | P |
| David E. Miller | Walt Disney Company | A |
| Total votes possible | | 16 |

3 Approval of minutes from the previous meeting

Eddie Kramer moved that we accept the minutes of the last meeting as written. The motion was seconded and unanimously approved by a show of hands.

4 Call for patents, to be read aloud to the assembly

Mike Garl read the following statement aloud to the assembly:

"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 the Technical Standards Council of the existence of a patent or copyright or other intellectual property that might protect material in a standard being developed by a working group. You need not be the holder of the patent or copyright to notify the Technical Standards Council of its existence."

No patent issue were brought to the TSC's attention.

5 Anti-trust statement, to be read aloud to the assembly

Mike Garl read the following statement aloud to that assembly:

"The PLASA Board of Directors and the leadership of this Technical Standards Council 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 PLASA Chair immediately.

"PLASA legal counsel has informed us that violations of the anti-trust laws can have serious consequences. Individuals engaged in certain unlawful conduct can be found criminally liable. An individual convicted of a criminal violation of the Sherman Act may be fined as much as \$1,000,000 and imprisoned for up to ten years. An easy to read pamphlet describing restraint of trade issues is available from the Technical Standards Manager."

No anti-trust issues were brought to the TSC's attention.

6 Approval of agenda

Attendees asked for the following items to be added to the agenda:

- TSP free docs landing page discussion under *Other business*.
- A USITT report.

Bill Sapsis moved that we approve the modified agenda. The motion was seconded and approved by a show of hands.

7 Reminder about PLASA contact information on the website

Mike Garl reminded the group to check known information against the website and report accuracy issues.

8 Old business and standing reports

8.1 Financial reports

8.1.1 Treasurer's report

Lori Rubinstein reported that a sponsorship deal with insurance company, ProSight, had been signed. She reminded the group that this deal will not make the program self-sufficient and that donations will still need to remain a constant source of support.

8.1.2 Status of contributions and pledges

8.1.3 Accounting of TSP documents sold

Lori Rubinstein reported that the 4th quarter sales of TSP documents has not been reported as of the start of this meeting. She warned of donations tapering after the announcement of the ProSight deal. The new TSP document page will track downloaded files on a per user basis. The group consensus is that a report of the downloaded documents would be helpful.

8.2 Old Business

8.2.1 TSM's report

8.2.1.1 Report on status of documents: ones in process, ones stable, ones needing action or of concern

See PrjctsSmmry2013-03.pdf.

8.2.1.2 Working group documents for possible action by the TSC

Karl Ruling reported that there are few documents requiring action now because there have been no working group meetings scheduled other than SLWG and EPWG meetings since the last TSC meetings. Most of the intervening letter ballots have had comments or objections to address at the working group meetings. With the exception of the EPWG meeting, those meetings are scheduled to occur after this meeting.

8.2.1.2.1 EPWG — Approval of a revised BSR E1.19 as an American National Standard

Contingent on working group approval. See BSR_E1-19r15a.pdf.

Steve Terry reported that the working group had voted to abandon the approval at this time to make further changes to the document. Mitch Hefter explained the problem that the EPWG is trying to address: giving good advice for GFCI use in situations where GFCI use might enhance safety, reduce safety, or make no difference.

8.2.1.2.2 Photometrics — Approval of a revised BSR E1.35 as an American National Standard

See E1-35-201x_LensQuality r5.pdf and PhBallot2013-5004results.pdf.

Jerry Gorrell moved that we approve sending BSR E1.35 to ANSI for acceptance as an American National Standard. The motion was seconded and unanimously approved by a show of hands.

8.2.1.2.3 RWG — Possible public review

Contingent on working group approval. See BSR_1-21-ScndRvwResols_r2.pdf and BSR_E1-21_2010-2025r6c.pdf.

Mike Garl reported that the RWG had approved the document for another public review..

Bill Sapsis moved that the document be approved by the TSC for public review. The motion was seconded and approved with a show of hands.

8.2.2 TSP Marketing and outreach

Lori Rubinstein reported on the meeting with Travelers Insurance in New York. Overall it was a good meeting that included more discussion about educating.

She also reported that the Technical Standards Marketing group was moving forward with help of Erin Gabe and Katie McCulloh. Progress was being made on the equipment demo kit requests.

Erin Grabe added that stories were going to be needed about how standards helped solve a problem. Reminded TSP chairs to keep this in the back of their minds.

8.2.2.1 Outreach to AHJs

Lori Rubinstein said that article written by Randi Minetor to be placed in AHJ-read publications has been accepted by some of those publications, but the timing of the free standards program has made what we say in the article about how to get free copies of the standards a bit awkward.

8.2.2.2 Prosight proposal

Lori Rubinstein said that the announcement to be public will be on April 15. Rubinsteing did demo of the download website where standards will be available for free after the announcement. Work was done to streamline the superseded language and a live search will make documents easy to find for the public.

Discussion ensued of places to announce the agreement and that free standards are available. Also, discussion as to whether or not the DMX recommended practice (a joint publication of USITT and PLASA before the PLASA/ESTA merger took place) should be part of the free download service. Mitch Hefter will find out from USITT what they want to do with the publication, whether they prefer it to continue to be sold rather than distributed for free.

8.2.2.3 Other marketing

8.2.3 P&P revision

Karl reported that PLASA continues to be ANSI Accredited. The changes made include language that reflects the most current time limits to PINS deliberation requirements.

8.2.4 Review of action items from last meeting not covered above

9 New business

9.1 Making the TSP be more international

Mike Garl explained the Wayne Howell letter written to the magazine editor. There will be a response in L&SI. The consensus was that the response shall be circulated among the TSC for comment.

There was a discussion of the RevisingTheTSP.pdf document. Consensus was that we want to make international participation easier. That could mean:

- 1) using modern communications technology to hold the entire meeting online;
- 2) using the technology to allow long distance participants to join face-to-face meetings; or
- 3) holding some meetings in conjunction with PLASA in London, either with or without modern teleconferencing technology.

Mike Garl proposed a task group and asked Fred Kosiewski, David Miller, Bill Sapsis, Alan Rowe, and Kimberly Corbett. The charge of the task group is to look at the teleconferencing technology available and provide an opinion and or guidance to the TSC as to which might be the best way to proceed. Erin Grabe was appointed the staff liaison for the group.

Lori Rubinstein said that if we eliminate face-to-face meetings, they need to be the Texas meetings, because of contractual obligations and long-time relations that require us to continue to meet at LDI and USITT.

The general feeling is that the group is leaning, at this point, toward making it be up to the working groups to decide to use teleconferencing or not.

9.2 Other new business

10 Optional Reports

10.1 Reports by working and task group leaders on active projects

10.1.1 Control Protocols

Kimberly Corbett said that there is nothing big for this group to consider.

10.1.2 Electrical Power

Ken Vannice said that E1.19 will be worked on more and further progress will be shared.

10.1.3 Floors

Jerry Gorrell said that the Floors WG was working on the fall safety document and was making progress.

10.1.4 Fog and Smoke

No meeting and no active projects, Larry Schoeneman reported.

10.1.5 Followspot Position

Ruling reported that a "keep alive" meeting of the Followspot Position group took place. No action required.

10.1.6 Photometrics

The working group will be meeting in August, reported Jerry Gorrell. Gorrell and Ruling discuss the E1.48 standard briefly for the group.

10.1.7 Rigging

Bill Sapsis reported that E1.21 was dealt with today. He mentioned the performer flying and fall arrest task groups as active projects that will be dealt with at the RWG meeting.

10.1.8 Stage Lifts

No news.

10.2 Reports of affiliated organizations and PLASA EU (16:20)

10.2.1 ASTC

Jules Lauve reported that there is a Codes & Standards Committee, but that there was no current news to report.

10.2.2 NFPA

Jerry Gorrell reported that there are meetings scheduled for NFPA 80 and 101. No documents to share, yet, just a notice of meetings.

Lary Schoeneman reported that the most recently scheduled SPE-AAA meeting was cancelled due to the leader having laryngitis. There are two task groups to deal with combined effects.

10.2.3 PLASA EU

Matthew Griffiths said Bonner has presented a business case to BSI for making CWA 25 an EN. They will take it to Brussels. Bonner is working on a guidance document for lasers in our industry. Griffiths also reported that an HSE Guidance note for the industry has been issued on the use of long-link chain and alloy chain in lifting. New guidance documents to be uploaded to the PLASA. site.

Griffiths also announced that Ron Bonner is working on a Technical Resources Office news letter.

Griffiths says he has been pursuing a professor to talk at Leeds about using visual light communications.

Steve Terry says his people in Germany are putting forth a rigging standard counter to CWA 25 to be adopted as an EN standard and asked, "Shouldn't we have a say in this?" Karl Ruling said that Ron Bonner is our person to speak for PLASA, and he has the better argument in putting forth a CWA, rather than a national standard, as an EN standard.

10.2.4 USITT

Jerry Gorell spoke on the project to have people write commentaries on PLASA standards. The USITT Commissioners will take the idea back to their commissions. They meet again on Saturday. We will have a sense of the future of this project by end of this Conference.

11 Other business

The website preview was handled under 8.2.2.2.

12 Schedule for future meetings

It was announced that the next meeting is scheduled for Sunday 4 August 2013, from 09:00 to 13:00, at the Marriott Solana in Westlake, Texas. The following meeting will be at LDI in Las Vegas, specifically at the Las Vegas Hotel, Wednesday, November 20.

13 Adjournment

Larry Schoeneman made a motion to adjourn. The motion was seconded. Hearing no objections, Mike Garl declared the meeting adjourned at 15:30.

| Name | Company | Representing (Sort field) | Voting Status |
|-------------------|------------------------------------|---|---------------|
| Jules Lauve | Theatre Projects Consultants, Inc. | Amer. Society of Theatre Consultants | P |
| Eugene Leitermann | Theatre Projects Consultants, Inc. | Amer. Society of Theatre Consultants | A |
| Kimberly Corbett | Schuler Shook | Amer. Society of Theatre Consultants | A |
| Wendy Holt | AMPTP/CSATF | Contract Services Administration Trust Fund | P |
| Larry Schoeneman | DesignLab Chicago, Inc. | DesignLab Chicago, Inc. | P |
| Steve Terry | Electronic Theatre Controls | Electronic Theatre Controls, Inc. | P |
| A. Scott Hoyt | PLASA NA Treasurer | Heartland Scenic Studio | exf |
| Edwin S. Kramer | I.A.T.S.E. Local 1 | I.A.T.S.E. Local 1 | P |
| Alan M. Rowe | IATSE Local 728 | IATSE Crafts Advancement Program | P |
| Eddie Raymond | IATSE Local 16 | IATSE Local 16 (PLASA NA Chairman) | P |
| Ken Vannice | Leviton Manufacturing Co., Inc. | Leviton Manufacturing Co., Inc. | P |
| Mike Wood | Mike Wood Consulting LLC | Mike Wood Consulting LLC | P |
| Mike Garl | Tomcat USA, Inc. | Milos Group | P |
| Mitch Hefter | Mitch Hefter | Mitch Hefter | P |
| David Johnson | Live Design | Penton Media | O |
| Marian Sandberg | Live Design | Penton Media | O |
| Ron Bonner | PLASA Technical Resources Office | PLASA EU | P |
| Matthew Griffiths | PLASA EU | PLASA EU | exf |
| Lori Rubinstein | PLASA NA | PLASA NA | exf |
| Erin Grabe | PLASA NA | PLASA NA | exf |
| Katie McCulloh | PLASA NA | PLASA NA | exf |

| Name | Company | Representing (Sort field) | Voting Status |
|-------------------|--|---|---------------|
| Harry Box | PLASA Production Equipment Rental Group | PLASA Production Equipment Rental Group | P |
| JR Reid | JR Lighting, Inc. | PLASA Production Equipment Rental Group | A |
| Mark Engel | Rosco Laboratories | Rosco Laboratories | O |
| Bill Sapsis | Sapsis Rigging, Inc. | Sapsis Rigging, Inc. | P |
| Jerry Gorrell | Theatre Safety Programs | USITT | P |
| Louis Bradfield | Louis Bradfield | USITT | A |
| Florian von Hofen | VPLT | VPLT | O |
| Fred Kosiewski | Walt Disney Parks & Creative Entertainment | Walt Disney Company | P |
| David E. Miller | Walt Disney Parks & Creative Entertainment | Walt Disney Company | A |

Key to Voting Status: P= Principal voting member; A = Alternate voting member; O = Observer non-voting member

**TSM's Report on TSP Projects
For the 27 January 2013 TSC Meeting**

| Alphanumeric | Title | Working Group | Status |
|--------------------------|--|----------------------|--|
| ANSI E1.1 – 2012 | Construction and Use of Wire Rope Ladders | Rigging | Published. No action needed now. |
| ANSI E1.2 -2012 | Design, Manufacture, and Use of Aluminum Trusses and Towers (a revision) | Rigging | Published, but I need to fix the picture, which lacks density. |
| ANSI E1.3 (R2011) | Lighting Control Systems - 0 to 10 V Analog Control Specification | Control Protocols | Published. No action needed now. |
| ANSI E1.4 – 2009 | Manual Counterweight Rigging Systems | Rigging | Working group is considering starting a revision. |
| ANSI E1.5 – 2009 | Theatrical Fog Made with Aqueous Solutions of Di- and Trihydric Alcohols | Fog & Smoke | Published. No action needed now. |
| ANSI E1.6 -1 – 2012 | Powered Hoist Systems | Rigging | Published. No action needed now. |
| BSR E1.6-2 | Design, Inspection, and Maintenance of Electric Chain Hoists for the Entertainment Industry (new standard) | Rigging | Only one public review comment: Yes. Ready for working group acceptance. |
| ANSI E1.6-3 – 2012 | Safe Use of Electric Chain Hoists in the Entertainment Industry | Rigging | Published. No action needed now. |
| BSR E1.6-4 | Control of Electric Chain Hoists in the Entertainment Industry (new standard) | Rigging | Public review netted some comments that need consideration. |
| ANSI E1.8 - 2012 | Loudspeaker enclosures (a revision) | Rigging | Published. |
| ANSI E1.9 - 2007 (R2012) | Reporting Photometric Performance Data | Photometrics | Published. No action needed now. |
| BSR E1.11 – 2008 (R2013) | DMX-512A | Control Protocols | Submitted to ANSI. Approval pending. |
| BSR E1.14 – 2001 (R2013) | Recommendations for Inclusions in Fog Equipment Manuals | Fog & Smoke | Submitted to ANSI. Approval pending. |

| Alphanumeric | Title | Working Group | Status |
|---------------------------|---|-------------------|---|
| ANSI E1.15 (R2011) | Recommended Practices and Guidelines for the Assembly and Use of Theatrical Boom & Base Assemblies | Rigging | Published. No action needed now. |
| ANSI E1.16 — 2002 (R2012) | Configuration Standard for Metal Halide Ballast Power Cables | Electrical Power | Published. No action needed now. |
| ANSI E1.17 – 2010 | Architecture for Control Networks (ACN) | Control Protocols | Opened by the CPWG for revision. |
| BSR E1.18 | A Recommended Practice For The Selection, Assembly, And Use Of Single-Conductor Portable Power Feeder Cable Systems For Use At 600 Volts Nominal Or Less For The Distribution Of Electrical Energy In The Entertainment, Broadcast And Live-Event Industries (new standard) | Electrical Power | Project abandoned by working group, but the Canadian members want to develop a Canadian version. |
| BSR E1.19 | Recommended Practice for the Use of Class A Ground-Fault Circuit Interrupters (GFCIs) Intended for Personnel Protection in the Entertainment Industry | Electrical Power | The working group is voting to accept it as an ANS, but there are a couple of No votes. If they are resolved, approving this is on your agenda. |
| ANSI E1.20 – 2010 | Remote Device Management over USITT DMX512 Networks | Control Protocols | Published. No action needed now. |
| BSR E1.21 | Temporary Ground-Supported Overhead Structures (a revision of ANSI E1.21 - 2006) | Rigging | The working group is voting on a third public review. If it passes, you could approve that review. |
| ANSI E1.22 – 2009 | Fire Safety Curtain Systems | Rigging | Published. No action needed now. |
| ANSI E1.23 – 2010 | Design and Execution of Theatrical Fog Effects | Fog & Smoke | Published. No action needed now. |
| ANSI E1.24 – 2012 | Dimensional Requirements for Stage Pin Connectors | Electrical Power | Published. No action needed now. |
| ANSI E1.25 – 2012 | Recommended Basic Conditions for Measuring the Photometric Output of Stage and Studio Luminaires by Measuring Illumination Levels Produced on a Planar Surface | Photometrics | Published. No action needed now. |
| ANSI E1.26 – 2006 (R2012) | Recommended Testing Methods and Values for Shock Absorption of Floors Used in Live Performance Venues | Floors | Published. No action needed now. |

| Alphanumeric | Title | Working Group | Status |
|-----------------------------|--|---------------------|--|
| ANSI E1.27-1 – 2006 (R2011) | Standard for Portable Control Cables for Use with USITT DMX512/1990 and E1.11 (DMX512-A) Products | Control Protocols | Published. No action needed now. |
| ANSI E1.27-2 – 2009 | Recommended Practice for Permanently Installed Control Cables for Use with ANSI E1.11 (DMX512-A) and USITT DMX512/1990 Products | Control Protocols | Published. No action needed now. |
| ANSI E1.28 – 2011 | Guidance on planning followspot positions in places of public assembly | Followspot Position | Published. No action needed now. |
| ANSI E1.29 – 2009 | Product Safety Standard for Theatrical Fog Generators that Create Aerosols of Water, Aqueous Solutions of Glycol or Glycerin, or Aerosols of Highly Refined Alkane Mineral Oil | Fog & Smoke | Published. No action needed now. |
| ANSI E1.30-1 – 2010 | EPI 23, Device Identification Subdevice | Control Protocols | Published. No action needed now. |
| ANSI E1.30-3 – 2009 | EPI 25, Time Reference in ACN Systems Using SNTP and NTP | Control Protocols | Published. No action needed now. |
| ANSI E1.30-4 – 2010 | EPI 26. Device Description Language (DDL) Extensions for DMX512 and E1.31 Device | Control Protocols | Published. No action needed now. |
| ANSI E1.30-7 – 2009 | EPI 29, Allocation of Internet Protocol Version 4 Addresses to ACN Hosts | Control Protocols | Published. No action needed now. |
| ANSI E1.30-10 – 2009 | EPI 32, Identification of Draft Device Description Language Modules | Control Protocols | Published. No action needed now. |
| BSR E1.30-12 | EPI 34, E1.31 Universe Synchronization | Control Protocols | Rolled into a revision of E1.31 |
| ANSI E1.31 – 2009 | Lightweight streaming protocol for transport of DMX512 using ACN | Control Protocols | Opened for revision to accommodate Universe Synchronization. |
| ANSI E1.32 – 2012 | Recommended Practice For The Inspection Of Entertainment Industry Luminaries | Electrical Power | Published. No action needed now. |
| BSR E1.33 | Transport of ANSI E1.20 messages in an E1.31 environment (new standard) | Control Protocols | In public review through May 14. |

| Alphanumeric | Title | Working Group | Status |
|---------------------------|--|-------------------|--|
| ANSI E1.34 – 2009 | Measuring and Specifying the Slipperiness of Floors Used in Live Performance Venues | Floors | Published. No action needed now. |
| BSR E1.35 | Standard for Lens Quality Measurements for Pattern Projecting Luminaires Intended for Entertainment Use (revision) | Photometrics | Approved by working group as an ANS. On your agenda. |
| ANSI E1.36 – 2007 (R2012) | Model Procedure for Permitting the Use of Tungsten-Halogen Incandescent Lamps and Stage and Studio Luminaires in Vendor Exhibit Booths in Convention and Trade Show Exhibition Halls | Photometrics | Published. No action needed now. |
| ANSI E1.37-1 – 2012 | Additional Message Sets for ANSI E1.20 (RDM) – Part 1, Dimmer Message Sets | Control Protocols | Published. No action needed now. |
| BSR E1.37-2 | Additional Message Sets for ANSI E1.20 (RDM) – Part 2, IPv4 & DNS Configuration Messages (new standard) | Control Protocols | Public review ended 1 October. In comment resolution. |
| BSR E1.37-x | Additional Message Sets for ANSI E1.20, LED walls and video displays (new standard maybe) | Control Protocols | Awaiting a first draft |
| BSR E1.39 | Selection and Use of Personal Fall Arrest Systems on Portable Structures Used in the Entertainment Industry (new standard) | Rigging | 3rd review ended 24 September 2012. New resolutions sent to working group. |
| ANSI E1.40 – 2011 | Recommendations for the Planning of Theatrical Dust Effects | Fog & Smoke | Published. No action needed now. |
| ANSI E1.41 – 2012 | Recommendations for Measuring and Reporting Photometric Performance Data for Entertainment Luminaires Utilizing Solid State Light Sources | Photometrics | Published. No action needed now. |
| BSR E1.42 | Installed Lift Safety Standard (new standard) | Stage Lifts | Working on first review comment resolutions. |
| BSR E1.43 | Live Performer Flying Effect Systems (new standard) | Rigging | Working on 1st draft |
| BSR E1.44 | Common Show File Exchange Format for Entertainment Industry Automation Control Systems -- Stage Machinery (new standard) | Rigging | In public review through 1 April. |

| Alphanumeric | Title | Working Group | Status |
|--------------|---|-------------------|--|
| BSR E1.45 | Transport of IEEE 802 data frames over ANSI E1.11 (new standard) | Control Protocols | In public review through 1 April with simultaneous CPWG vote for approval. So far no public review comments, but one fairly benign "Yes with comments" in the working group. |
| BSR E1.46 | Recommended Practice for the Prevention of Falls from Theatrical Stages and Raised Performance Platforms (new standard) | Floors | Working on 1st draft. |
| BSR E1.47 | Recommended Guidelines for Entertainment Rigging System Inspections | Rigging | Working on 1st draft. |
| BSR E1.48 | A Recommended Luminous Efficiency Function for Stage and Studio Luminaire Photometry | Photometrics | In public review through 1 April. |
| | Application Guide for ANSI E1.3 - 2001, Lighting Control Systems 0 to 10V Analog Control Specifications | Control Protocols | Published. No action needed now. |
| | Introduction to Modern Atmospheric Effects, 4th edition | Fog & Smoke | Being reprinted with the PLASA badge & updated contact info. |
| | Recommended Practice for Ethernet Cabling Systems in Entertainment Lighting Applications and the Supplement to the Recommended Practice for Ethernet Cabling Systems in Entertainment Lighting Applications | Control Protocols | It's old, but it's free. We've stopped promoting it because it's so old. |
| | Camera Crane Operator's Handbook | Camera Cranes | Published. No action needed now. |