

Minutes
Technical Standards Council
Sunday 24 July 2011
Marriott Solana

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

Recording secretary: Karl G. Ruling; PLASA

Members attending: Ron Bonner; PLASA Technical Resources Office; PLASA EU; P
Richard Cadena; PLASA NA; ex officio
Jerry Gorrell; Theatre Safety Programs, representing USITT; P
Matthew Griffiths; PLASA EU; ex officio
Mitch Hefter; Philips Controls; P
Edwin S. Kramer; I.A.T.S.E. Local 1; P
Jules Lauve; Theatre Projects Consultants, Inc., representing the Amer. Society of
Theatre Consultants; P
James Niesel; Arup; Arup; P
Eddie Raymond; IATSE Local 16; P
Lori Rubinstein; PLASA NA; ex officio
Bill Sapsis; Sapsis Rigging, Inc.; P
Larry Schoeneman; DesignLab Chicago, Inc.; P
Ken Vannice; Leviton Manufacturing Co., Inc.; P

Visitors: Kimberly Corbett; Schuler Shook
Roger Lattin; IATSE Local 728
Michael Lay; Royal Philips Electronics
Alan M. Rowe; IATSE Local 728

1 Opening remarks

Mike Garl called the meeting to order at 09:02.

2 Attendance and membership

2.1 Taking attendance

An orange sign-in sheet was circulated. Garl noted that a quorum was present.

2.2 Welcome to visitors

2.3 Introductions

2.4 Consensus body

The full consensus body, including those not present, was:

Name	Company and representation	Voting status
Jules Lauve	Theatre Projects Consultants, Inc., representing ASTC	P
William Conner	Bill Conner Associates LLC, representing ASTC	A
Eugene Leitermann	Theatre Projects Consultants, Inc. representing ASTC	A
James Niesel	Arup	P
Larry Schoeneman	DesignLab Chicago, Inc.	P
Steve Terry	Electronic Theatre Controls	P

Name	Company and representation	Voting status
Edwin S. Kramer	I.A.T.S.E. Local 1	P
Eddie Raymond	IATSE Local 16	P
Mike Garl	James Thomas Engineering, Inc.	P
Ken Vannice	Leviton Manufacturing Co., Inc.	P
Mike Wood	Mike Wood Consulting LLC	P
Ron Bonner	PLASA Technical Resources Office, representing PLASA EU	P
Harry Box	PLASA Production Equipment Rental Group	P
JR Reid	JR Lighting, Inc., representing the PLASA Production Equipment Rental Group	A
Mitch Hefter	Philips Controls	P
Bill Sapsis	Sapsis Rigging, Inc.	P
Jerry Gorrell	Theatre Safety Programs, representing USITT	P
Louis Bradfield	representing USITT	A
	Total	14

3 Approval of minutes from the previous meeting

See *TSCmin03-2011.pdf*

Bill Sapsis moved that the draft minutes be accepted. The motion was seconded and then approved with a show of hands.

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

The following statement was read aloud by Mike Garl:

"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."

Nothing was reported.

5 Anti-trust statement, to be read aloud to the 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 restraint of trade issues were reported.

6 Approval of agenda

Mike Garl suggested that we address the Rigging Working Group actions out of chronological order at the beginning of the working group action items list. We'll handle Fog & Smoke right after Rigging, and then the STEP proposal under other business.

Eddie Kramer moved that the amended agenda be accepted. The motion was seconded and then approved with a voice vote.

7 Reminder about PLASA contact information on the website

Lori Rubinstein reminded people to check their information on the PLASA website

8 Old business and standing reports

8.1 Financial reports

8.1.1 Treasurer's report [Mike Wood]

Mike Wood was not present. Lori Rubinstein presented the treasurer's report.

8.1.2 Status of contributions and pledges

Rubinstein said that the USITT contribution had been received. It's significant. She thanked the USITT representative present.

8.1.3 Accounting of TSP documents sold

Rubinstein noted that someone had bought a copy of every standard.

8.1.4 TSP Marketing

No news. [This item needs to be removed from the agenda.]

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 PrjctsSmmry2011-07.pdf

8.2.1.2 Working group documents or work requiring action by the TSC

8.2.1.2.1 CPWG

8.2.1.2.1.1 Possible project approval. See

An_LED_illumination_identification_control_protocol_for_Entertainment_industry.pdf

Larry Schoeneman moved that the TSC go on record as endorsing the CPWG's exploration of this proposal. The motion was seconded and then approved with a show of hands.

8.2.1.2.1.2 E1.33 TSC action: Ron Bonner that it be offered for a first public review. The motion was seconded. It was approved with a unanimous show of hands.

8.2.1.2.2 EPWG

8.2.2.2.2.1 E1.18-1 Portable feeder cable selection

Possible vote for public review, if the working group agrees on the previous review's resolutions and draft standard. The draft standard offered for the working group meeting is incomplete in that it lacks a definition, but that might be crafted at the meeting. See BSRE1-18-1r17.pdf and BSR_E1-18CommentResolution-Draft-r6.pdf.

Mitch Hefter moved that E1.18-1 public review. The motion was seconded and then approved with a unanimous show of hands.

8.2.2.2.2.2 E1.24 stage pin connectors

The last public review netted one serious comment. Two dimensions had been swapped on the drawing for one of the connectors, so the pin spacing specified did not match any real-world connector. Unless someone can convincingly argue that having the wrong dimensions in two places would have been seen by any reader of the document as obvious minor typographical errors, a corrected, revised drawing will need to be offered for public review. The EPWG might vote to accept the comment, to modify the document, and to offer the corrected drawing for public review. If they do, the public review motion passes to your agenda. See E1-24CmmntSmmry2ndRevw.pdf.

Mitch Hefter moved that the changes made to E1.24 as a result of the last review be offered for public review. The motion was seconded and then approved with a unanimous show of hands.

8.2.2.2.3 E1.32 luminaire inspection for maintenance

A revised draft standard and set of public review comment resolutions has been submitted to the EPWG. The working group might vote to accept the comment and the revised draft standard, and to offer the revised draft for public review. If they do, it passes to your agenda. See E1-32_ThrdPblcRvwRsItnsDraft.pdf and BSR_E1-32_2006-7016r9a.pdf.

Jerry Gorrell moved that E1.32 be offered for public review. The motion was seconded and then approved with a unanimous show of hands.

8.2.1.2.3 PhWg

8.2.1.2.3.1 BSR E1.41

BSR E1.41, the draft LED luminaire output reporting standard, was offered for public review and received a few comments that probably will result in changes to the draft document. The working group may vote to offer the revised version of public review at its meeting. See E1-41_FrstRevwRspns_DRAFT.pdf and E1-41SSLDraft0-5_6-23-2011.pdf.

Jerry Gorrell moved that we offer E1.41 for public review. The motion was seconded and then approved with a unanimous show of hands.

8.2.1.2.3.2 BSR E1.25

E1.25 was revised at the Photometrics Working Group meeting.

Jerry Gorrell moved that the TSC endorse the revision project and authorize the public review of the revised standard. The motion was seconded and then approved with a unanimous show of hands.

Karl Ruling noted that he has to announce the revision project first, before we offer the document for public review. It is unlikely that anyone will respond to the project announcement, but if anyone does, we will deal with their comments, objections, or expressed interest in working on the project before the public review.

8.2.1.2.5 RWG

8.2.1.2.5.1 BSR E1.1

The working group might approve the first public review of a revised version of ANSI E1.1, the wire rope ladder standard, and the TSC can then consider the motion. However, the working group might not vote for a public review at this time, or might vote against it. In preparation for its meeting, the working group was sent a new draft of E1.1 that is complete and that has no obvious errors, but right after that was sent, one of the task group members started circulating a "better" version within the task group. The version sent to the working group is BSR_E1-1-201X_2004-2029r3.pdf. It was modified further at the working group meeting.

Bill Sapsis moved that the TSC authorize the public review of the version of BSR E1.1 voted by the RWG to be offered for public review. The motion was seconded and then approved with a unanimous show of hands.

Sapsis said that no action by the TSC was needed now on BSR E1.2, BSR E1.6-1, or BSR E1.6-4.

8.2.1.2.5.2 BSR E1.6-2

Possible vote for an eighth public review of this part of the E1.6 powered rigging standard. See E1-6-2_SvnthRvwResols2011-06-10.pdf and E1_6-2_2005-2040r8_2011-06-09.pdf. This is contingent on what the RWG does at its meeting.

Mitch Hefter moved that BSR E1.6-2 be offered for public review. The motion was seconded and then approved with a unanimous show of hands.

8.2.1.2.5.3 BSR E1.6-3

Possible vote for an second public review of this part of the E1.6 powered rigging standard. See E1-6-3_1stRevwResols.pdf and BSRE1-6-3_2008-2019r4.pdf. This is contingent on what the RWG does at its meeting.

Larry Schoeneman that BSR E1.6-3 be offered for public review. The motion was seconded and then approved with a unanimous show of hands.

8.2.1.2.5.4 Reaffirmation of ANSI E1.8

The working group, the TSC, and the PLASA NA Executive Committee all voted to reaffirm ANSI E1.8, but ANSI staff pointed out that the Essential Requirements require each objector, including No votes with the working group, to receive a written response to the objections. Therefore, the BSR 9 form for the standard was withdrawn and a set of possible comment and reasons responses has been submitted to the working group. The few changes in the resolutions are not substantive, but the working group may want to offer the nominally unchanged document for public review again. If so, that motion would be before the TSC now. Another public review would at least take care of the risk of ANSI now rejecting the reaffirmation of this standard because too much time has elapsed between the last public review and the submittal of a BSR 9 form. See Resols_RWG_E1-8_Ballot_2010-2027r1.pdf. The existing standard is E1-8_2005.pdf.

Karl Ruling reported that the working group had decided to start the process of revising E1.8 rather than reaffirming it.

Eddie Kramer moved that the TSC authorize the revision project. The motion was seconded and then approved with a unanimous show of hands.

8.2.1.2.5.5 Reaffirmation of ANSI E1.15

The RWG voted to reaffirm it, but there was one No vote, to which ANSI requires us to attempt to respond in writing. If the response makes no change to E1.15, the vote for reaffirmation should stand in the RWG, and the motion would then be before the TSC. See [Resols_RWG_ballot2011-2005r1_Results.pdf](#) for resolutions and [E1-15BoomBase_2006.pdf](#) for the standard you would be reaffirming.

Bill Sapsis moved that the TSC authorize the reaffirmation of E1.15. The motion was seconded and then approved with a unanimous show of hands.

8.2.1.2.5.6 Public review of E1.21 revision

Bill Sapsis moved that the revised E1.21 be offered for public review. The motion was seconded and then approved with a show of hands, with all voting Yes, except for Mitch Hefter who voted to abstain.

8.2.1.2.5.7 Public review of BSR E1.39

Bill Sapsis moved that BSR E1.39 be offered for public review. The motion was seconded and then approved with a unanimous show of hands.

8.2.1.2.5.6 Approval of project to standardize scenery automation show files

See *TSP_ProjectRequest-Showfiles-5-3-2011_R2.PDF*.

Bill Sapsis moved that the TSC approve the show file project. The motion was seconded and then approved with a unanimous show of hands.

8.2.2 Review of action items from last meeting not covered above

None.

9 New business

10 Optional Reports

10.1 Reports by working and task group leaders on active projects

10.1.1 Camera Cranes

No report.

10.1.2 Control Protocols

Lay reported that the CPWG will be voting to accept BSR E1.37-1 bllot to accept in the cpwg WILL be

10.1.3 Electrical Power

10.1.4 Flame Resistance Task Group

The Flame Resistance Task Group is disbanding reported Ruling. See *FireResistanceDead.pdf*.

10.1.5 Floors

No report.

10.1.6 Fog and Smoke

Larry Schoeneman reported that the working group will be voting to accept BSR E1.40, the dust effect standard.

10.1.7 Followspot Position

No report.

10.1.8 Photometrics

No report.

10.1.9 Rigging

No report.

10.1.10 Stage Lifts

No report.

10.2 Reports of affiliated organizations and PLASA EU

10.2.1 ASTC

Jules Lauve reported that ASTC's Summer Forum in St. Louis is soon. He also noted that George Thomas Howard had died recently

10.2.2 USITT

Jerry Gorrell reported no news.

10.2.3 VPLT

No report.

10.2.4 PLASA EU

Ron Bonner reported.

10.2.4.1 CWA 5902 (CWA 25)

There is a push to get it recognized as a full EU standard. BSI will work to push it forward, and Ron Bonner will work with BSI and will be making the business case for making it a European standard.

10.2.4.2 hoist failures

After conversations at the rigging conference in PLASA, Bonner is looking into the frequency of incidents of chain hoist failure. He asked the RWG if it would be okay to poll the working group and had received an affirmative answer.

10.2.4.3 RF spectrum squeeze

There is a squeeze on the RF spectrum available for live productions in the UK. The mobile phone companies want to gobble up as much of the spectrum as possible. PLASA is lobbying the government to protect part of the spectrum for professional entertainment applications.

10.2.4.4 AOR

Artificial Optical Radiation regulations. Bonner has written documents on (1) assessing the hazard by the end-users of the luminaires and (2) how manufacturers can communicate the possible risks to end-users.

10.2.4.5 LASER scanning crisis meeting

Will have a crisis meeting in September to deal with the conflicts between venues that ban audience scanning and LASER production companies that want to scan the audience.

10.2.4.6 ROHS

RoHS is revised so that control and monitoring equipment is no longer exempt. Now you need to CE mark for RoHS.

11 Other business

11.1 STEP

The STEP program proposal from InfoComm was discussed. This would be a program to award points for sustainability to events.

The consensus was that we think developing specific guidelines for events would be useful, and these could have a point system, but establishing a formal certification program and organization to certify events is not appropriate at this time.

A task group was formed to look into a guidance document or point system. Richard Cadena shall be the leader. He will work with Ron Bonner to establish a task group, and will work with Jules Lauve and Jim Niesel to tap people in Theatre Projects Consultants and Arup to work on this.

11.2 Case law and standards

Mike Garl noted that our standards can gain force by becoming case law. E1.1 and E1.2 have been cited in legal cases.

11.3 FCC mobile broadband bias

Jerry Gorrell talked about the problems with the FCC's bias toward mobile broadband to the detriment of all other forms of communication. There was discussion.

12 Schedule for future meetings

It was announced that the next meeting is scheduled for Wednesday 26 October 2011, from 13:00 to 17:00, at the Hilton Orlando in Orlando, FL.

Rubinstein said that the January dates have been shifted again to avoid conflict with SABRE events in the hotel. The TSC meeting will be Tuesday, January 31.

In July we will be meeting in NYC before the NATEAC conference, which is scheduled for July 21-23.

13 Adjournment (13:00)

Ken Vannice moved that the meeting adjourn. The motion was seconded and then approved by acclamation. Mike Garl declared the meeting adjourned at 11:58.

TSC Membership and Contact Information as of 5 October 2011

Name	Company and representation	Voting status
Ron Bonner	PLASA Technical Resources Office, PLASA EU	P
Harry Box	PLASA PERG	P
Louis Bradfield	representing USITT	A
Richard Cadena	PLASA NA	ex officio
William Conner	Bill Conner Associates LLC, representing ASTC	A
Mark Engel	Rosco Laboratories	O
Mike Garl	James Thomas Engineering, Inc.	P
Jerry Gorrell	Theatre Safety Programs, representing USITT	P
Matthew Griffiths	PLASA EU	ex officio
Mitch Hefter	Philips Controls (Royal Philips Electronics)	P
Florian von Hofen	VPLT	O
David Johnson	Live Design (Penton Media)	O
Edwin S. Kramer	I.A.T.S.E. Local 1	P
Jules Lauve	Theatre Projects Consultants, Inc. representing ASTC	P
Eugene Leitermann	Theatre Projects Consultants, Inc. representing ASTC	A
James Niesel	Arup	P
Eddie Raymond	IATSE Local 16	P
JR Reid	JR Lighting, Inc., representing PLASA PERG	A
Lori Rubinstein	PLASA NA	ex officio
Marian Sandberg	Live Design (Penton Media)	O
Bill Sapsis	Sapsis Rigging, Inc.	P
Larry Schoeneman	DesignLab Chicago, Inc.	P
Steve Terry	Electronic Theatre Controls, Inc.	P
Ken Vannice	Leviton Manufacturing Co., Inc.	P
Mike Wood	Mike Wood Consulting LLC	P

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**TSM's Report on TSP Projects
For the 24 July 2011 TSC Meeting**

1 PUBLISHED DOCUMENTS WITH NO ACTION RIGHT NOW

- 1.1 Application Guide for ANSI E1.3 – 2001 Entertainment Technology Lighting Control Systems 0 to 10V Analog Control Specification (CPWG)**
- 1.2 Camera crane operator's handbook (CCWG)**
- 1.3 Introduction to Modern Atmospheric Effects, 4th edition (FSWG)**
- 1.4 ANSI E1.4 – 2009, manual rigging systems (RWG)**
- 1.5 ANSI E1.5 – 2009, Entertainment Technology - Theatrical Fog Made With Aqueous Solutions Of Di- And Trihydric Alcohols (FSWG)**
- 1.6 ANSI E1.9 – 2007, reporting photometric data revision (PHWG)**
- 1.7 ANSI E1.11 – 2008, DMX512-A revision (CPWG)**
- 1.8 ANSI E1.14 – 2001 (R2007), recommendations for inclusions in fog equipment manuals (FSWG)**
- 1.9 ANSI E1.16 – 2002 (R2007), configuration standard for metal halide ballast power cables (EPWG)**
- 1.10 ANSI E1.17 – 2010, Architecture for Control Networks (commonly called "ACN")**
- 1.11 ANSI E1.20 – 2010, Entertainment Technology -- Remote Device Management over USITT DMX512 Networks (commonly called "RDM")**
- 1.12 ANSI E1.19 – 2009, recommended practice for use of Class A GFCIs (EPWG)**
- 1.13 ANSI E1.22 – 2009, fire safety curtain systems (RWG)**
- 1.14 ANSI E1.23 – 2010, Entertainment Technology - Design and Execution of Theatrical Fog Effects (FSWG)**
- 1.15 ANSI E1.27-2 – 2009, Entertainment Technology -- Recommended Practice for Permanently Installed Control Cables for Use with ANSI E1.11 (DMX512-A) and USITT DMX512/1990 Products (CPWG)**
- 1.16 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 (FSWG)**
- 1.17 ANSI E1.30-1 – 2010, EPI 23, Device Identification Subdevice**
- 1.18 ANSI E1.30-3 – 2009, EPI 25, Time Reference in ACN Systems Using SNTP and NTP (CPWG)**
- 1.19 ANSI E1.30-4 – 2010, EPI 26, (DDL) Extensions for DMX512 and E1.31 Devices (CPWG)**

1.20 ANSI E1.30-7 – 2009, EPI 29, Allocation of Internet Protocol Version 4 Addresses to ACN Hosts (CPWG)

1.21 ANSI E1.30-10 – 2009, EPI 32 Identification of Draft Device Description Language Modules (CPWG)

1.22 ANSI E1.31 – 2009, Lightweight streaming protocol for transport of DMX512 using ACN (CPWG)

1.23 ANSI E1.34 – 2009, Entertainment Technology-Measuring and Specifying the Slipperiness of Floors Used in Live Performance Venues (FLWG)

1.24 ANSI E1.35 – 2007, lens quality measurements for pattern projecting luminaires intended for entertainment use (PHWG)

1.25 ANSI E1.36 – 2007, 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 (PHWG)

1.26 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 (CPWG)

2 DOCUMENTS APPROVED BY ANSI AND PENDING PUBLICATION

2.1 ANSI E1.3 - 2001 (R2011), Entertainment Technology - Lighting Control Systems - 0 to 10V Analog Control Specification

2.2 ANSI E1.27-1 - 2006 (R2011), Entertainment Technology-Standard for Portable Control Cables for Use with USITT DMX512/1990 and E1.11 (DMX512-A) Products

3 DOCUMENTS NEEDING BSR9s TO BE FORWARDED TO ANSI FOR APPROVAL

None.

4 ACTIVE PROJECTS AND PROJECTS UNDER CONSIDERATION

4.1 Camera Cranes Working Group

4.1.1 BSR E1.12, camera crane standard

No measurable progress.

4.1.2 Other Camera Cranes Working Group projects

None

4.2 Control Protocols Working Group

4.2.1 BSR E1.33-201x, Extensions to E1.31 for Transport of ANSI E1.20 (RDM)

A first complete draft has been submitted to the working group for the July meeting.

4.2.2 BSR E1.37-1, Additional Message Sets for ANSI E1.20 (RDM) – Part 1, Dimmer Message Sets

It was in public review through February 7. It received a few comments. The RDM task group drafted a set of resolutions that the task group feels make no substantive changes to the standard, and it was accepted on a letter ballot. However, one of the commenters is also a CPWG voter, and he voted against the comment resolutions. He was outvoted. He has drafted a set of motions for the CPWG meeting to achieve what he was trying to get with his public review comments and with the reasons for his no vote against the resolutions to his comments.

We'll see how this goes. The no-voter claims that the changes he wants are non-substantive, but he's insistent on them. The working group so far does not agree that his changes are improvements. If he continues on his present course, he will vote no on the standard's approval, and then the working group will need to draft a response to his no vote. However, if he doesn't offer new objections, the working group's response will be the same as what has already been given!

4.2.3 Possible Projects

We have a project proposal from R&D staff from ETRI for "An LED illumination identification control protocol for Entertainment industry." I've read the proposal and I'm still not sure exactly what the proposal is, but we will find out more at the CPWG meeting. Three staff members from ETRI in Korea will be attending the meeting to explain it to us. I am not sure if we are a group that does the work they seem to think we do, but it is notable that a Korean R&D firm is reaching out to us.

4.3 Electrical Power Working Group

4.3.1 BSR E1.18, Recommended practice for selection, installation, and use of portable feeder cable

The E1.18 project was split into two parts: an E1.18-1 covering conventional star-topology distribution systems and an E1.18-2 part covering ring systems—or something else. E1.18-2 has been put on hold indefinitely.

The E1.18-1 part was in public review from 9 January through 23 February 2009. A set of comment resolutions had been approved by the working group, but further discussions and editing of the document necessitates reconsidering those comments. That's on the EPWG meeting agenda.

4.3.2 BSR E1.24, pin connector intermatability standard

ANSI E1.24 – 2006 has been revised to make it more palatable to the UL 498 standards panel. The working group has addressed all the issues—but the version last offered for public review had two dimensions swapped on a drawing of a connector, so it didn't describe any real-world connector. It needs to be fixed, and offered for public review again. I don't think we can credibly argue that anyone reading the document would have understood that the dimensions were swapped and that this was just a typographical error. All the members of the working group missed the error, so the swap was not obvious.

4.3.3 BSR E1.32, luminaire maintenance guidance

The document was offered for public review through 25 October 2010. There have been several rounds of comment resolutions and document revision. A new version of the resolutions and the draft standard is on the EPWG agenda.

4.4 Fire Resistance Task Group

They are disbanding.

4.5 Floors Working Group

ANSI E1.26 – 2006, floor energy absorption, is in public review right now for reaffirmation. The working group is using the new, compressed reaffirmation procedure, so the working group has already approved the

reaffirmation. Public review comments will trigger a circulation of the comments and a reconsideration of the working group votes, but, as of now, the working group has voted to reaffirm it.

4.6 Followspot Position Working Group

No active projects now. BSR E1.28 has been submitted to ANSI, and the ANSI clerk at the receiving end has gone over it as though we were being audited. I have responded to all her questions, but I don't think I have heard the last from her.

4.7 Fog & Smoke Working Group

4.7.1 BSR E1.40, dust effects

The second public review netted no comments. The working group can now accept it, unless they want to change it some more.

4.7.2 Other active projects

None.

4.8 Photometrics Working Group

4.8.1 ANSI E1.25 - 2006, Entertainment Technology - Recommended Basic Conditions for Measuring the Photometric Output of Stage and Studio Luminaires by Measuring Illumination Levels Produced on a Planar Surface

It's approaching its fifth anniversary and needs to be reaffirmed, revised, or withdrawn. It's on the working group's meeting agenda.

4.8.2 BSR E1.41, Recommendations for Measuring and Reporting Photometric Performance Data for Entertainment Luminaires Utilizing Solid State Light Sources

BSR E1.41 was offered for public review, and two people commented. The working group has a set of draft resolutions and a revised standard. They need to decide if they want to approve the resolutions and draft standard, and have another public review, or do something else.

4.9 Rigging Working Group

4.9.1 ANSI E1.1 – 2006, wire rope ladders

The working group has voted to revise the standard to raise the load limits. A revised draft document has been sent to the RWG. They might vote to offer it for public review.

4.9.2 ANSI E1.2 – 2006, aluminum towers and trusses

It was offered for public review for reaffirmation. Objections were received from working group members responding as public commenters. The working group needs to address the objections and to decide whether the standard needs to be revised or not.

4.9.3 BSR E1.6-1, powered winch hoist systems

It's in public review through July 11. A few people have commented.

4.9.4 BSR E1.6-2, powered serially produced chain hoist systems

A set of draft comment resolutions for the seventh public review and a revised draft standard have been forwarded to the Rigging Working Group. The task group wants an eighth public review.

4.9.5 BSR E1.6-3, safe use of serial manufactured electric chain hoists in the entertainment industry

A set of draft comment resolutions for the first public review and a revised draft standard have been forwarded to the Rigging Working Group.

4.9.6 BSR E1.6-4, Control of Serially Manufactured Electric Chain Hoists in the Entertainment Industry

It was offered for public review from 13 May through 27 June 2011. One person responded "No with reasons" Gary Mardling of Kish Rigging offered seven pages of reasons.

4.9.7 ANSI E1.8 – 2005, loud speaker enclosures

There had been no public review comments, the majority of RWG members voted 3:1 to approve it, but some of the working group members voted against reaffirming it because they want to improve it. I filed the BSR9 with ANSI and informed those who voted No on the reaffirmation of their right to appeal. However, the ANSI clerk noted that per the ANSI Essential Requirements, each objector, including voters within the consensus body, need to receive written responses explaining the disposition of their objections. The clerk did not find a detailed discussion of the objections in our minutes, and so suggested that we had not met the requirements. I withdrew the BSR9 and drafted a set of possible resolutions to the comments and reasons on the letter ballot. That has been submitted to the working group. The resolutions make some changes, but none are substantive, I think.

4.9.8 ANSI E1.15 – 2006, boom & base assemblies

The working group drafted a response to the one public review comment. I sent it back to the commenter and received no reply, so it's resolved. The working group then voted by letter ballot to reaffirm the standard, but there was one "Yes with comments" (the comments are easy to resolve) and one "No with reasons" from a voter who wrote:

I think the document is superflous

If a boom or stand looks like it's going to tip, people either put a line on it to the grid, or add bracing/weights if there's no grid available

The recommendations are spurious and merely psuedo techniical cya

Because of the problems with objections in the consensus body for the E1.8 project, I have held off submitting the BSR9 form for reaffirming E1.15, and have sent the working group has a set of resolutions to the comments and the reason. They make no substantive change, but do explain the utility of the standard.

4.9.9 BSR E1.21 – 2006, portable roof systems

The RWG has voted to fold the BSR E1.38 - 20xx, Temporary Ground-Supported Structures Used to Support Equipment in the Production of Outdoor Entertainment Events, Excluding Stage Roofs, project into a revision of E1.21. The two standards really cover the same sorts of structures. E1.21 would need to be revised, reaffirmed, or withdrawn next year anyway, so why not expand it to cover non-roof structures?

The working group voted by letter ballot to offer BSR E1.21 for public review. The vast majority voted Yes, but some voted No and offered reasons, with some of those reasons being that it would be a better document in their estimation if it were changed, and other reasons being that there were mistakes in clause references, the names of standards, and that a statement that had left out "not" when clearly "not" was the intention.

After consulting with Bill Sapsis, I created a very slightly revised draft standard, one that takes care of the errors pointed out that were clearly errors, but that does not implement the changes felt by some voters as making the document better. Making changes to improve the document before the public review would require some more discussion, but agreeing that the document should not contain errors (e.g., references to non-existent clauses) should be relatively uncontroversial. In any case, the working group will have a one last time at the working group meeting in July to look at this and to discuss whether correcting the errors is enough or whether the document needs to be further improved with other changes before it is offered for public review.

It's a tap dance. We don't want to subvert majority rule, but it seems silly to offer something for public review that will get objections because the clause numbers are wrong.

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

This project is intended to establish minimum requirements for the selection and use of personal fall arrest systems on portable structures in the entertainment industry. The working group has a complete draft standard to consider at its meeting.

4.9.11 Possible new project

We have a proposal for a project to create a "Common Show File Exchange Format for Automated Entertainment Machinery Control Systems." It seems that just about every manufacturer is storing cue information in an XML format, so the people proposing the project think it would be do-able in some reasonable length of time.

4.10 Stage Lifts Working Group

The Stage Lifts Working Group has had seven meetings by Webex and one practice meeting. Kurt Pragman is serving as the Webex meeting facilitator. Martin Moore is serving as the secretary. The meeting minutes are months in arrears.

5 Other working group meeting documents

All the July 2011 working group meeting documents except Stage Lifts are available at

<http://tsp.plasa.org/tsp/meetingfiles/cpwg/listfiles.php>

<http://tsp.plasa.org/tsp/meetingfiles/epwg/listfiles.php>

<http://tsp.plasa.org/tsp/meetingfiles/fs/listfiles.php>

<http://tsp.plasa.org/tsp/meetingfiles/photo/listfiles.php>

<http://tsp.plasa.org/tsp/meetingfiles/rwg/listfiles.php>

<http://tsp.plasa.org/tsp/meetingfiles/tsc/listfiles.php>

Respectfully submitted,



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