

Minutes
Technical Standards Council
Tuesday, 25 January 2011
Marriott Solana

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

Recording secretary: Karl G. Ruling; PLASA

Members attending:

James Niesel; Arup; P
Edwin S. Kramer; I.A.T.S.E. Local 1; P
Eddie Raymond; IATSE Local 16; P
Ken Vannice; Leviton Manufacturing Co., Inc.; P
Mike Wood; Mike Wood Consulting LLC; P
Ron Bonner; PLASA Technical Resources Office (PLASA EU); P
Harry Box; PLASA Production Equipment Rental Group; P
Mitch Hefter; Philips Controls (Royal Philips Electronics); P
Bill Sapsis; Sapsis Rigging, Inc.; P
Richard Cadena; Projection, Light & Staging News (Timeless Communications Corp.); P
Jerry Gorrell; Theatre Safety Programs, representing USITT; P
Louis Bradfield, representing USITT; A
Lori Rubinstein; PLASA; ex officio
Matthew Griffiths; PLASA; ex officio
(Membership status represents the results of decisions made at this meeting.)

Visitors:

Alan W. Rowe; IATSE Local 728
Charles Swift; Graham, Swift & Co.
Edward Condit
Jack Schmidt; Special Lighting Solutions, IATSE Local 42
Kimberly Corbett; Schuler Shook
Martin Moore
Michael Lay; Philips Color Kinetics
Roger L. Lattin; IATSE Local 728

1 Opening remarks

Mike Garl called the meeting to order at 9:01. He welcomed all and noted that this is the first meeting after the merger with PLASA, and the first meeting of the newly renamed Technical Standards Council.

2 Attendance and membership

2.1 Taking attendance

A hot pink sign-in sheet was circulated.

2.2 Welcome to visitors

Visitors were welcomed.

2.3 Introductions

Those present introduced themselves.

2.4 Consensus body

Ron Bonner asked how the merger would affect his voting status. Did PLASA still need representation from PLASA on the TSC?

Mike Garl spoke in favor of Bonner's continued voting participation, since the TSC is not managing Bonner's work and Bonner brings the valuable perspective of PLASA members in the EU to the table.

Mike Wood moved that Ron Bonner be the representative of PLASA EU on the TSC with voting rights. The motion was seconded and then approved with a unanimous show of hands.

There was a further discussion of whether PLASA staff should be allowed to join and vote in working groups. Eddie Kramer moved that PLASA staff be allowed to participate in working groups as voting members. The motion was seconded and then approved with a show of hands. There was no opposition.

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

Name	Company and representation	Voting status
William Conner	Bill Conner Associates LLC, representing the Amer. Society of Theatre Consultants	P
Eugene Leitermann	Theatre Projects Consultants, Inc., representing the Amer. Society of Theatre Consultants	A
James Niesel	Arup	P
Larry Schoeneman	Designlab Chicago, Inc.	P
Steve Terry	Electronic Theatre Controls	P
Edwin S. Kramer	I.A.T.S.E. Local 1	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 EU	P
Mitch Hefter	Philips Controls (Royal Philips Electronics)	P
Bill Sapsis	Sapsis Rigging, Inc.	P
Harry Box	PLASA Production Equipment Rental Group	P
JR Reid	JR Lighting, Inc., representing PLASA Production Equipment Rental Group	A
Richard Cadena	Projection, Light & Staging News (Timeless Communications Corp.)	P
Jerry Gorrell	Theatre Safety Programs, representing USITT	P
Louis Bradfield	representing USITT	A
Eddie Raymond	IATSE Local 16	P
	Total votes possible	15

3 Approval of minutes from the previous meeting (09:10)

See *TSCmin10-2010.pdf*

Kramer noted that there is an error in 8.2.1.3 in which the personal pronoun "I" is used to indicate who was speaking. Ruling said he'd change it to "Karl Ruling." Bill Sapsis moved that the corrected minutes be approved. The motion was seconded and then approved with 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."

Nothing was revealed.

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

Mike Garl read the following statement 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 president 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."

The Technical Standards Manager held up some of the easy-to-read pamphlets to show that they were available. No restraint of trade issues were reported.

6 Approval of agenda

Eddie Kramer moved that the agenda be approved. The motion was seconded and then approved with a show of hands.

7 Reminder about PLASA contact information on the website

Lori Rubinstein reminded people and noted that the TSP's website domain is now tsp.plasa.org.

8 Old business and standing reports

8.1 Financial reports

8.1.1 Treasurer's report

Mike Wood said that cash counting shown in the reports, but now we have gone to an accrual accounting method. He explained the reports and the contribution from PLASA to balance the TSP budget.

8.1.2 Status of contributions and pledges

Lori Rubinstein reported on the success of the VAT refund and the dues renewal check-off box in raising funds for the TSP. About 20 companies have us automatically invoice them for a contribution, and these invoices are being paid quickly.

8.1.3 Accounting of TSP documents sold

Lori Rubinstein reported that the report shows a full year of sales for the ESTA Foundation, but only through the third quarter for ANSI.

Mike Garl noted that we do indeed make money selling standards.

8.1.4 TSP Marketing

Lori Rubinstein reported that there is no marketing news, but as we get more into the merger, we'll do more.

Mike Lay reported that the CPWG is looking at other trade shows as possible venues for our connectivity demonstration booths.

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 PrjctsSmmry2011-01.pdf, appended to these minutes.

8.2.1.2 Working group documents or projects requiring action by the TSC

8.2.1.2.1 Approval of Followspot Position motion to accept BSR E1.28, the followspot position planning guidance document, as an American National Standard

In addition to the E1.28 documents provided for the TSC's July and October meetings (available at <http://tsp.plasa.org/tsp/meetingfiles/tsc/listfiles.php>), see Signed-ResponseFloorLoad15Dec2010a.pdf.

Karl Ruling said that the working group accepted this structural engineer's letter at the working group's 11 January evening teleconference meeting. That letter was is also the subject of Curtis Kasefang's email to Steve Terry (see Fw-KasefangEmail.pdf). Adopting the lower floor loading will not remove Kasefang's opposition (see October2010FloorLoadEmail-Kasefang.pdf).

Eddie Kramer moved that BSR E1.28, *Guidance on planning followspot positions in places of public assembly* (document number FP/2007-9000r6), be accepted as an American National Standard. The motion was seconded. There was discussion. The results of the roll call vote were:

Name	Company	Representing	Voting status	Vote
William Conner	Bill Conner Associates LLC	ASTC	P	Not present
Eugene Leitermann	Theatre Projects Consultants, Inc.	ASTC	A	
James Niesel	Arup		P	Yes
Larry Schoeneman	DesignLab Chicago, Inc.		P	Not present
Steve Terry	Electronic Theatre Controls		P	Not present
Edwin S. Kramer	I.A.T.S.E. Local 1		P	Yes
Mike Garl	James Thomas Engineering, Inc.		P	Yes
Ken Vannice	Leviton Manufacturing Co., Inc.		P	Yes
Mike Wood	Mike Wood Consulting LLC		P	Yes
Ron Bonner	PLASA Technical Resources Office	PLASA EU	P	Yes
JR Reid	JR Lighting, Inc.	PLASA PERG	A	
Harry Box	PLASA Production Equipment Rental Group	PLASA PERG	P	Yes
Mitch Hefter	Philips Controls (Royal Philips Electronics)		P	Yes
Bill Sapsis	Sapsis Rigging, Inc.		P	Yes
Richard Cadena	Projection, Light & Staging News (Timeless Communications Corp.)		P	Yes

Name	Company	Representing	Voting status	Vote
Louis Bradfield	Louis Bradfield	USITT	A	
Jerry Gorrell	Theatre Safety Programs	USITT	P	Yes
Eddie Raymond	IATSE Local 16		P	Yes
				12 Yes

The motion was approved on a roll call vote with 12 out of a possible 15 voting Yes. There was no opposition. Three voters were absent.

8.2.1.2.2 Approval of RWG's vote for reaffirmation of the existing ANSI E1.8, speaker enclosure standard *See RWG_BallotResults-Rig_2010-2027r1.pdf*

Mitch Hefter moved that ANSI E1.8 be reaffirmed. The motion was seconded. The motion was approved with a roll call vote, with all present (12 out of a voting body of 15) voting Yes.

Name	Company	Representing	Voting status	Vote
William Conner	Bill Conner Associates LLC	ASTC	P	Not present
Eugene Leitermann	Theatre Projects Consultants, Inc.	ASTC	A	
James Niesel	Arup		P	Yes
Larry Schoeneman	DesignLab Chicago, Inc.		P	Not present
Steve Terry	Electronic Theatre Controls		P	Not present
Edwin S. Kramer	I.A.T.S.E. Local 1		P	Yes
Mike Garl	James Thomas Engineering, Inc.		P	Yes
Ken Vannice	Leviton Manufacturing Co., Inc.		P	Yes
Mike Wood	Mike Wood Consulting LLC		P	Yes
Ron Bonner	PLASA Technical Resources Office	PLASA EU	P	Yes
JR Reid	JR Lighting, Inc.	PLASA PERG	A	
Harry Box	PLASA Production Equipment Rental Group	PLASA PERG	P	Yes
Mitch Hefter	Philips Controls (Royal Philips Electronics)		P	Yes
Bill Sapsis	Sapsis Rigging, Inc.		P	Yes
Richard Cadena	Projection, Light & Staging News (Timeless Communications Corp.)		P	Yes
Louis Bradfield	Louis Bradfield	USITT	A	
Jerry Gorrell	Theatre Safety Programs	USITT	P	Yes
Eddie Raymond	IATSE Local 16		P	Yes
				12 Yes

8.2.2 Review of action items from last meeting not covered above (11:00)

8.2.2.1 Revision of P&P

See 2010 ANSI Essential Requirements.pdf, ANSI_AuditSuggestionsFindings.pdf, p&p-r9-1draft-marked.pdf, and p&p-r9-1draft.pdf

Bill Sapsis moved that the r9.1 version of the P&P be accepted. The motion was seconded and then approved on a roll call ballot with all present voting Yes.

Name	Company	Representing	Voting status	Vote
William Conner	Bill Conner Associates LLC	ASTC	P	Not present
Eugene Leitermann	Theatre Projects Consultants, Inc.	ASTC	A	
James Niesel	Arup		P	Yes
Larry Schoeneman	DesignLab Chicago, Inc.		P	Not present
Steve Terry	Electronic Theatre Controls		P	Not present
Edwin S. Kramer	I.A.T.S.E. Local 1		P	Yes
Mike Garl	James Thomas Engineering, Inc.		P	Yes
Ken Vannice	Leviton Manufacturing Co., Inc.		P	Yes
Mike Wood	Mike Wood Consulting LLC		P	Yes
Ron Bonner	PLASA Technical Resources Office	PLASA EU	P	Yes
JR Reid	JR Lighting, Inc.	PLASA PERG	A	
Harry Box	PLASA Production Equipment Rental Group	PLASA PERG	P	Yes
Mitch Hefter	Philips Controls (Royal Philips Electronics)		P	Yes
Bill Sapsis	Sapsis Rigging, Inc.		P	Yes
Richard Cadena	Projection, Light & Staging News (Timeless Communications Corp.)		P	Yes
Louis Bradfield	Louis Bradfield	USITT	A	
Jerry Gorrell	Theatre Safety Programs	USITT	P	Yes
Eddie Raymond	IATSE Local 16		P	Yes
				12 Yes

8.2.2.2 Camera Crane Project leader

Harry Box reported that they will press forward, somehow. There has been an accident involving a camera crane, so Wendy Holt is pressing for writing the standard to move forward.

9 New business

10 Optional Reports

10.1 Reports by working and task group leaders on active projects

10.1.1 Camera Cranes

10.1.2 Control Protocols

Mike Lay reported good progress on RDM over ACN, BSR E1.33. He also reported that the working group has voted to stop working on some BSR E1.30 EPIs that were not moving forward.

10.1.3 Electrical Power

Mitch Hefter said that an updated pin connector draft (BSR E1.24) will be sent to the TSC for a public review vote. The feeder cable draft standard (BSR E1.18) should move forward after a little cleanup for the USITT meeting. BSR E1.32, luminaire inspection for maintenance, has a few comments that should have resolutions by the time of the USITT meeting.

10.1.4 Flame Resistance Task Group

10.1.5 Floors

Jerry Gorrell reported that the working group will have to reaffirm or revise some of its standards soon.

10.1.6 Fog and Smoke

Mike Wood asked that the TSC approve the second public review of BSR E1.40 dust effect standard, which the Fog & Smoke Working Group had approved at its January 23 meeting. He noted that the document was sent out with less than two weeks lead time. Jim Niesel said he was uncomfortable voting on a motion to approve the public review without time to examine the draft standard and resolutions.

Karl Ruling will issue a letter ballot to the TSC to decide the motion to offer BSR E1.40 for second public review.

10.1.7 Followspot Position

Jack Schmidt offered a thanks to Richard Nix and ESG for their help on the project.

10.1.8 Photometrics

Jerry Gorrell reported that the working group will be voting by letter ballot for the first public review of BSR E1.41, the LED color quality measurement and reporting standard.

10.1.9 Rigging

Bill Sapsis said that an in-depth discussion of E1.6-3 and E1.6-4 had derailed these for a meeting cycle.

10.1.10 Stage Lifts

Martin Moore reported that they are trying to draft the standard by holding webinar meetings the second Monday of each month. It appears that instead of writing a standard from scratch, they will work to offer modifications to one or more of the ANSI A17 standards.

10.2 Reports of affiliated organizations

10.2.1 ASTC

No report.

10.2.2 PLASA EU

Ron Bonner said that he is working on a PLASA voluntary standard about luminaire measuring and labeling for characterizing the artificial optical radiation directive. He's doing this working with the HPA, the Health Protection Agency.

Bonner offered help to Ken Vannice and Leviton on dealing with EU standards and regulations for power line harmonic emissions.

10.2.3 USITT

Jerry Gorrell announced that USITT is working on a grant program for paying for school rigging inspections.

10.2.4 VPLT

No report.

11 Other business

11.1 The New York State Theatre Safety Task Force

Lori Rubinstein reported that a NY State senator introduced bill to establish this task force. We will work to present a effective testimony when they start to have hearings.

11.2 OSHA Initiative

Eddie Raymond reported that the first meeting of the committee working on this initiative was held as part of this meeting cycle. At USITT they will meet with industry representatives, labor, trade and professional associations, and producers to share resources. Many have good safety programs in place. This needs to be pointed out to OSHA, and those organizations that do not have good safety programs will be made aware that good ones exist and they need to have one, too. We will help to disseminate best practices, and will work to clarify the employer-employee relationship to OSHA, so if there is an on-the-job injury the employer responsible is clear.

11.3 ETCP

Lori Rubinstein reported that 94% of the first group certified have applied for recertification. Most of the 6% who did not have retired.

12 Schedule for future meetings

Mike Garl reported that the next meeting is scheduled for Wednesday, 9 March 2011, from 13:00 to 17:00 at the Westin Charlotte in Charlotte, NC.

13 Adjournment

Bill Sapsis moved that the meeting adjourn. The motion was seconded. Hearing no objections, Mike Garl declared the meeting adjourned at 10:23.

Membership and Contact Information as of 19 February 2011

Name	Company	Parent Co. or Representation (This is the sort field.)	Voting status
William Conner	Bill Conner Associates LLC	Amer. Society of Theatre Consultants	P
Eugene Leitermann	Theatre Projects Consultants, Inc.	Amer. Society of Theatre Consultants	A
James Niesel	Arup	Arup	P
Larry Schoeneman	DesignLab Chicago, Inc.	DesignLab Chicago, Inc.	P
Steve Terry	Electronic Theatre Controls	Electronic Theatre Controls, Inc.	P
Edwin S. Kramer	I.A.T.S.E. Local 1	I.A.T.S.E. Local 1	P
Eddie Raymond	IATSE Local 16	IATSE Local 16	P
Mike Garl	James Thomas Engineering, Inc.	James Thomas Engineering, Inc.	P
Ken Vannice	Leviton Manufacturing Co., Inc.	Leviton Manufacturing Co., Inc.	P
Mike Wood	Mike Wood Consulting LLC	Mike Wood Consulting LLC	P
David Johnson	Live Design	Penton Media	O
Marian Sandberg	Live Design	Penton Media	O
Ron Bonner	PLASA Technical Resources Office	PLASA EU	P
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
Mitch Hefter	Philips Controls	Royal Philips Electronics	P
Bill Sapsis	Sapsis Rigging, Inc.	Sapsis Rigging, Inc.	P
Richard Cadena	Projection, Light & Staging News	Timeless Communications Corp.	P
Jerry Gorrell	Theatre Safety Programs	USITT	P
Louis Bradfield	Louis Bradfield	USITT	A
Florian von Hofen	VPLT	VPLT	O

**TSM's Report on TSP Projects
For the 25 January 2011 TSC Meeting**

Possible TSC action items are in green.

1 PUBLISHED DOCUMENTS

- 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 E1.3 – 2001 (R2006), 0-10V analog control specification (CPWG)**
- 1.5 ANSI E1.4 – 2009, manual rigging systems (RWG)**
- 1.6 ANSI E1.5 – 2009, Entertainment Technology - Theatrical Fog Made With Aqueous Solutions Of Di- And Trihydric Alcohols**
- 1.7 ANSI E1.9 – 2007, reporting photometric data revision (PHWG)**
- 1.8 ANSI E1.11 – 2008, DMX512-A revision (CPWG)**
- 1.9 ANSI E1.14 – 2001 (R2007), recommendations for inclusions in fog equipment manuals (FSWG)**
- 1.10 ANSI E1.16 – 2002 (R2006), configuration standard for metal halide ballast power cables (EPWG)**
- 1.11 ANSI E1.19 – 2009, recommended practice for use of Class A GFCIs (EPWG)**
- 1.12 ANSI E1.22 – 2009, fire safety curtain systems (RWG)**
- 1.13 ANSI E1.23 – 2010, Entertainment Technology - Design and Execution of Theatrical Fog Effects (FSWG)**
- 1.14 ANSI E1.25 – 2006, flat-wall photometry basic conditions (PHWG)**
- 1.15 ANSI E1.26 – 2006, floor energy absorption (FLWG)**
- 1.16 ANSI E1.27-1 – 2006, portable DMX512 cabling (CPWG)**
- 1.17 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)**
- 1.18 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)**
- 1.19 ANSI E1.30-3 – 2009, EPI 25, Time Reference in ACN Systems Using SNTP and NTP (CPWG)**

1.20 ANSI E1.30-4 – 2010, EPI 26, (DDL) Extensions for DMX512 and E1.31 Devices (CPWG)

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

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

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

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

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

1.26 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)

1.27 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 AND PENDING PUBLICATION

2.1 ANSI E1.17 – 2010

A revision of the existing ANSI E1.17— 2006, Architecture for Control Networks (commonly called "ACN"). It was approved by ANSI's Board of Standards Review on 6 January 2011.

2.2 ANSI E1.20 – 2010

A revision of the existing ANSI E1.20 —2006, Entertainment Technology -- Remote Device Management over USITT DMX512 Networks (commonly called "RDM"). It was approved by ANSI's Board of Standards Review on 4 January 2011.

2.3 ANSI E1.30-1 – 2010

EPI 23, Device Identification Subdevice, a new standard. It was approved by ANSI's Board of Standards Review on 6 January 2011.

3 ACTIVE PROJECTS AND PROJECTS UNDER CONSIDERATION

Things meriting possible action by the TSC at this meeting are highlighted in green.

3.1 Camera Cranes Working Group

3.1.1 BSR E1.12, camera crane standard

No measurable progress. The working group hasn't met in over a year. Harry Box and I had a conversation about how to move forward—what could be adapted and turned into a standard, how the standard could be reduced in scope to make it a do-able project—but I am not sure what the working group will do.

3.1.2 Other Camera Cranes Working Group projects

None

3.2 Control Protocols Working Group

3.2.1 ANSI E1.3 – 2001 (R2006), 0-10 V analog contro

The standard as it exists is in public review for reaffirmation through February 28.

3.2.2 ANSI E1.27-1 – 2006 (R201x), Entertainment Technology-Standard for Portable Control Cables for Use with USITT DMX512/1990 and E1.11 (DMX512-A) Products

The standard as it exists is in public review for reaffirmation through February 28.

3.2.3 BSR E1.30-2, EPI 24 Internet Protocol Properties Subdevice

It received one comment in the first public review, which ran from 11 July through 25 August 2008. The comment needs to be resolved. Task Group was optimistic in November 2009 that we would have a document for the USITT meeting. At that meeting, a draft document was promised for the July meeting.

3.2.4 BSR E1.30-5, EPI 27 Operation of SDT on Wireless Networks

The project has been terminated.

3.2.5 BSR E1.30-6, EPI 28 Independent Device Location Properties

The project has been terminated.

3.2.6 BSR E1.30-8, EPI 30 Time Code Properties

It received one comment in the first public review, which ran from 11 July through 25 August 2008. The comment still needs to be resolved.

3.2.7 BSR E1.30-9, EPI 31 MIDI System Exclusive Properties

It received one comment in the first public review, which ran from 11 July through 25 August 2008. The comment still needs to be resolved.

3.2.8 BSR E1.33-200x, Extensions to E1.31 for Transport of ANSI E1.20 (RDM)

Work needs to continue on a first draft.

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

It's in public review through February 7.

3.2.12 Possible New American National Standard Projects

None right now.

3.3 Electrical Power Working Group

3.3.1 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 has been approved by the working group. For this meeting in Westlake, the working group has a revised draft implementing the changes to consider approving. If it is approved, the next step would be another public review and sending the resolutions back to the commenters.

3.3.2 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. It was offered for public review, and several pin connector manufacturers offered comments. A set of resolutions was approved at the last working group meeting. For this meeting in Westlake, the working group has a revised draft implementing the changes to consider approving. If it is approved, the next step would be another public review and sending the resolutions back to the commenters.

3.3.3 BSR E1.32, luminaire maintenance guidance

The document was offered for public review through 25 October 2010. The comments were sent to the working group. We don't have any proposed resolutions yet.

3.4 Fire Resistance Task Group

At the March TSC meeting the TSC decided to reach out to the task group to get them moving again. I contacted Tom Andrews, the de facto leader of the group, and he said he'd work on reviving the task group and would have a report for the TSC for the July meeting. He did, but that's the end of my news about the group. No news since then.

3.5 Floors Working Group

No active projects

3.6 Followspot Position Working Group

3.6.1 BSR E1.28, followspot position planning guidance document

The TSC rejected the working group's justification for rejecting Curtis Kasefang's rebuttal at the July meeting. The working group revised the rebuttal and submitted it for the TSC's October meeting. At the October meeting, the TSC asked for an engineering justification for the floor loading. The working group met last week and unanimously approved an explanation from an engineer explaining the loading.

The working group's voting members are unanimous in wishing the TSC to approve the acceptance of BSR E1.28. The working group has followed procedure. Nothing but a complete rewrite of E1.28 would satisfy Curtis Kasefang. The working group does not see that rewriting the standard to please Kasefang would make the document better but surely would delay its publication.

3.6.2 Other Followspot Position Working Group projects

None.

3.7 Fog & Smoke Working Group

3.7.1 BSR E1.40, dust effects

The first draft was in public review through 22 November. We had very few comments—none from outside the working group. The working group has a set of proposed comment resolutions and a revised draft standard to consider at their meeting in Westlake, Texas.

3.7.2 Other active projects

None.

3.8 Photometrics Working Group

The Photometrics Working Group has been circulating within it a draft of BSR E1.41, a standard to describe the output of LED-based luminaires. That circulation has reaped some constructive comments that have been worked into a revised version. That revised version is to be considered for public review at the working group's meeting in Westlake, Texas.

3.9 Rigging Working Group

3.9.1 ANSI E1.1 – 2006, wire rope ladders

The working group has voted to revise the standard to raise the load limits. Some work has been done on this. A partially revised draft document has been sent to the RWG for this meeting.

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

The working group is voting to offer the document for public review for reaffirmation. The vote closes February 3.

The letter ballot procedure would proceed more smoothly if some of the working group members kept in mind the meaning of "reaffirmation." Some voters fairly consistently vote No on public review for reaffirmation motions (on this document and others), giving as their reason that we should revise the standard to make it better before we offer it for public review for reaffirmation. Shunryu Suzuki-roshi is famous for having said, "All of you are perfect just as you are and you could use a little improvement." It's brilliant Zen, but that idea doesn't really make sense in standards-writing.

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

It was in public review through 15 February 2010. Fifteen responses were received: 14 from individuals and one from staff at Stagecraft Industries. Three-hundred sixty-six comments were offered. A task group is working on drafting resolutions.

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

It is in public review through 7 February 2011. This is its seventh public review as BSR E1.6-2; its eleventh if we count the reviews of E1.6 before it was split into parts.

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

It was in public review until May 3. That was its first public review as BSR E1.6-3. Three people responded during the public review period and offered 57 comments. The working group has a draft set of resolutions and a revised draft standard to consider at its January Westlake meeting.

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

The working group voted to offer the standard for public review, and you, the TSC, did too, but the standard had errors in it. At the last working group meeting, the task group agreed to revise the standard to correct the obvious errors. The fixed document is back before the working group for reconsideration at this January Westlake meeting.

3.9.7 ANSI E1.8 – 2005, loud speaker enclosures

The existing standard was offered for public review from 6 August through 20 September 2010. No one commented. The working group has voted by letter ballot to reaffirm the existing standard. There is significant disagreement, but the motion to reaffirm the standard earned enough Yes votes to have met the supermajority requirement. I recommend that the TSC approve the reaffirmation.

The disagreement is not unified. The criticisms are largely that (a) the standard should be rewritten for clarity, (b) the design factors should be revisited with an eye to lowering them, and (c) the standard should be expanded to

cover the support structures for speaker arrays. Lowering the design factors without good reason would not be a good idea. They were discussed repeatedly and in detail during the eight years it took to develop the original standard, and I do not know of any data to suggest that what was finally decided was wrong. The support structures outside the enclosures are outside the scope of the existing standard. Were we to add them, we would be adding material that should be within the scope of the BSR E1.21 project.

None of the Rigging Working Group voters at this time have a material interest in speaker enclosures or in hardware/rigging designed specifically for speakers. While some RWG members have strongly stated their opinion that we should not reaffirm anything that is less than perfect, it is unlikely that this project would be at the top of their to-do list, so revising it would be at a glacial pace. If we were to revise the standard, we'd have to recruit people to work on it. The total lack of public review responses suggests that would be difficult. Better to leave this document alone and simply reaffirm it, as the working group has voted.

We could abandon the project, but that would require the working group changing its vote and another public review. It also would reduce our standards portfolio and take this standard, with which no one has indicated a fatal flaw, off the market. While there is not much evidence that the standard is being used, if we withdraw it, certainly no one would be able to use it.

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

It was offered for public review through 3 January 2011. One person commented with one comment objecting to the standard requiring a "read the instructions" label be put on every pipe in the shop. The standard does not require that. The working group needs to draft a response.

3.9.9 ANSI 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? A draft document exists, but is not close to being ready for public review.

3.9.10 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. It also establishes minimum requirements for manufacturers and owners of these structures being used as work platforms. Rocky Paulson is the main-man behind the project. The working group has seen several working drafts, but I don't think it is ready to be considered for public review yet.

3.10 Stage Lifts Working Group

The Stage Lifts Working Group has had two successful meetings by Webex. Martin Moore is serving as the secretary. Kurt Pragman is serving as the Webex meeting facilitator. The last meeting focused on further refining the scope of the project. The main need seems to be giving a standard for AHJs inspecting lifts, often in schools, designed mainly to move seating units out of storage, or to turn an extended apron into an orchestra pit. However, some of the working group members make high-speed lifts for use in performance, so the discussion has dealt with whether they should be included. The discussions have also been about how to deal with the common practice of people riding lifts that are intended only for moving seating units or reconfiguring a floor.

4 FYI on other standards work and *Standards News*

4.1 ISO PC 250 US TAG

I've been participating in the US Technical Advisory Group meetings on the ISO PC 250 project. This is a project to make the British standard for event management for sustainability into an ISO standard. My main interest has been in seeing if there are any substantive changes that would make the standard less useful or more rigid and speaking out against such changes. So far, the US TAG spends most of its energy arguing about word choices that, given the way the standard is written, don't make any difference. The teleconference meetings are conducted without motions or votes, so there doesn't seem to be any way to end pointless discussions without further discussions. It's an amiable group, but the discussions are endless.

4.2 NFPA

I serve as the alternate to Larry Schoeneman as ESTA's representative [*sic. Not changed yet.*] on the NFPA SPE-AAA special effects committee (flame and pyrotechnics). I am the principal representing USITT on the NFPA SAF-AXM public assembly committee. Jerry Gorrell is my alternate, and has been attending most of the meetings and doing the vast majority of the work. I do not see any conflict between the interests of USITT and PLASA on the SAF-AXM committee.

4.3 UL

I am on the UL STPs for

- ▲ UL 1419 - Standard for Professional Video and Audio Equipment
- ▲ UL 1573 - Standard for Stage and Studio Luminaires and Connector Strips
- ▲ UL 1640 - Standard for Portable Power-Distribution Equipment
- ▲ UL 1691 - Standard for Single Pole Locking-Type Separable Connectors
- ▲ UL 8750 - Light Emitting Diode (LED) Light Sources For Use In Lighting Products
- ▲ ULE 106 - Sustainability for Lighting

4.4 *Standards News*

The first issue of *Standards News* went out late Friday of last week to TSP participants. It's a lot like *Standards Watch*, except that there is a deliberate attempt to be more international. Ron Bonner is contributing news articles. It is formatted to a custom page that will fit on A4 and letter—a trick borrowed from Stage Technologies—in case someone wants to print it, but it is assumed that the document will usually be read on-screen where the page size is irrelevant. The distribution is now by an email of a link to a folder on our website. That folder will also serve as an archive for past issues.

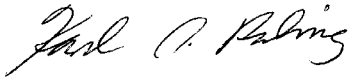
The distribution to the larger PLASA membership has been delayed. We don't have a distribution list for all PLASA members who should receive *Standards News* available in New York. Ryan Swearingen requested one from Ruth Rossington on Monday, but, as I write this on Tuesday morning, he has not received it yet. I'm sure we will eventually get it, and we will work out the procedure for distributing this newsletter. It's published twice a month, so the procedure has to be simple. The next issue is on my to-do list to go out late next week.

5 Other working group meeting documents

All the January 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/fp/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,

A handwritten signature in black ink, appearing to read "Karl G. Ruling". The signature is written in a cursive style with a large, stylized initial 'K'.

Karl G. Ruling
Technical Standards Manager