

Minutes
Technical Standards Committee
Friday, 13 July 2007
Dallas/Ft. Worth Airport Marriott South
Fort Worth, TX

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

Recording secretary: Karl G. Ruling; ESTA

Members attending:

Eugene Leitermann; Theatre Projects Consultants, Inc., representing the American Society of Theatre Consultants; A
Larry Schoeneman; Designlab Chicago, Inc.; P
Mitch Hefter; Entertainment Technology (Genlyte Group LLC); P
Edwin S. Kramer; I.A.T.S.E. Local 1; P
Ken Vannice; Colortran (Leviton Manufacturing Co., Inc.); P
Mike Wood; Mike Wood Consulting LLC; P
Ron Bonner; PLASA; A (arrived at 15:00)
Bill Groener; PRG Systems Integration Group (PRG); P
Bill Sapsis; Sapsis Rigging, Inc.; P
Jerry Gorrell; Theatre Safety Programs, representing USITT; P (arrived at 15:00)
Lori Rubinstein; ESTA; ex officio

Visitors: Laura Quartuccio; ESTA
Kimberly Corbett; Schuler Shook
Roger L. Lattin; IATSE Local 728

1 Opening remarks

Mike Garl called the meeting to order at 13:03, and welcomed all to Ft. Worth. He asked people to silence their cell phones.

Garl noted that we had a quorum, but there were not many people present, and that generated a discussion. Some people simply had not come to this cycle of meetings in Ft. Worth, and others were in other meetings at the start of this meeting.

2 Attendance and membership

2.1 Taking attendance

A blue attendance sign-sheet was circulated.

2.2 Welcome to visitors

Mike Garl welcomed the visitors

2.3 Introductions

Those present introduced themselves, except for Laura Quartuccio, ESTA's new membership manager and marketing coordinator, who was introduced by Lori Rubinstein.

2.4 Recognition of new USITT representatives

Mike Garl reported that Louis Bradfield and Jerry Gorrell have been appointed as USITT's new representatives to the TSC with the approval of the USITT president. Neither were present at the start of the meeting, but Garl noted that Gorrell was attending the Floors Working Group meeting.

The full consensus body during this meeting, including those voters absent, was:

Name	Company	Representing	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
Larry Schoeneman	Designlab Chicago, Inc.		P
Steve Terry	Electronic Theatre Controls		P
Mitch Hefter	Entertainment Technology (Genlyte Group LLC)		P
Edwin S. Kramer	I.A.T.S.E. Local 1		P
Mike Garl	James Thomas Engineering, Inc.		P
Ken Vannice	Colortran (Leviton Manufacturing Co., Inc.)		P
Mike Wood	Mike Wood Consulting LLC		P
David Johnson	Live Design (Penton Media)		P
Matthew Griffiths	PLASA	PLASA	P
Ron Bonner	PLASA	PLASA	A
Bill Groener	PRG Systems Integration Group (PRG)		P
Mark Engel	Rosco Laboratories		P
Bill Sapsis	Sapsis Rigging, Inc.		P
Jerry Gorrell	Theatre Safety Programs	USITT	P
Louis Bradfield	Louis Bradfield	USITT	A
Florian von Hofen	VPLT	VPLT	P
Eckart Steffens	SOUNDLIGHT	VPLT	A
		Possible votes	15

3 Approval of minutes from the previous meeting

See TSC/2007-0003, file name TSCmin03-2007.pdf

Mike Wood moved that the minutes be accepted as written. The motion was seconded, and then approved with a show of hands.

4 Call for patents

Mike Garl read the following statement aloud to the assembly:

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

No protected intellectual property was brought to the attention of the TSC.

5 Anti-trust statement

Mike Garl read the following statement aloud to the assembly:

"The ESTA Board of Directors and the leadership of this Technical Standards Committee 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 ESTA president immediately.

"ESTA legal counsel has informed us that violations of the anti-trust laws can have serious consequences. Individuals engaged in certain unlawful conduct can be found criminally liable. An individual convicted of a criminal violation of the Sherman Act may be fined as much as \$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."

Karl Ruling, who is the Technical Standards Manager, held up some of the easy-to-read brochures.

No restraint of trade issues were brought to the attention of the TSC.

6 Approval of agenda

Mike Garl suggested that the agenda items requiring Ron Bonner to be present be held until he is free from the Floors Working Group meeting. The Chinese proposal to translate, adopt, and publish ANSI E1.11 will be held until then, too.

Other items added to the agenda were a Product stewardship program for rigging under new business and revising clause 8.2.3 of the recently approved P&P.

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

7 Reminder about ESTA committee contact information on the website

Lori Rubinstein reminded people to check their ESTA committee contact information on the website.

8 Old business and standing reports

8.1 Financial reports

8.1.1 Treasurer's report

Mike Wood referred to the short form. He said that he'd revised down the projected contributions. There probably will not be a VAT refund in 2007 and contributions have been fewer. Wood said that we need to kick more life into the campaign to raise donations.

Bill Groener noted that we will have to do fundraising for the Certification program, so we will be competing with ourselves in soliciting donations. Certification will not be self-funding as soon as we had hoped.

Wood said that expenses are under control, but we will have a net loss of \$6,500 for the year, and that includes the contribution from the general ESTA fund.

Wood noted that the working group line item is gone. If a working group needs money, the group should ask, said Wood.

Roger Lattin asked about the costs of conference calls. Wood said that we can accept services in kind, so if someone donates conference call services, we can take them.

8.1.2 Status of contributions and pledges

The "Technical Standards Program Fund Raising Campaign" report was distributed.

8.1.3 Accounting of TSP documents sold

The "TSP Publications Sales" report was distributed.

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 Appendix A, "TSM's Report on TSP Projects."

There were questions about the report and some discussion.

Ruling explained the E1.11 German translation problem and DIN. The meeting he had with the DIN representatives at Prolight + Sound was a surprise to him. Ulrich Kunkel had scheduled the meeting with one of the VPLT booth staff, but no one told Karl about the meeting until Ulrich tapped him on the shoulder and told him the others were waiting.

Mike Garl asked about the E1.18 project. The public review was almost a year ago. Has any progress been made? Mitch Hefter explained the timeline for E1.18 worked out at the EPWG meeting.

8.2.1.2 Documents or projects requiring action by the TSC

8.2.1.2.1 PLASA DMX512-A users guide proposal

(This agenda item was covered later in the meeting than implied by the numerical order, after Bonner and Gorrell had joined the meeting.)

See DMX_Guide_Proposal.pdf.

Ron Bonner explained his proposal.

Eddie Kramer moved that the proposal be accepted, contingent upon the CPWG approving it. The motion was seconded. The motion was approved by a unanimous show of hands. During this discussion and vote, Bonner and Jerry Gorrell were present.

8.2.1.2.2 Chinese request

Karl Ruling explained the proposal, the text of which is reproduced in Appendix B. There was a discussion of what would be a reasonable licensing agreement.

Mike Wood moved that Karl Ruling be empowered to negotiate with the China Entertainment Technology Association over their proposal, to get the best licensing agreement possible, with the understanding that we want this deal to go through. The motion was seconded and then approved with a show of hands. There were no negative votes.

There was discussion of the part of the letter asking for a block of Alternate START Codes and Manufacturer IDs. The consensus was that Ruling would not give them a block of either, but that he will work with them to assign codes.

8.2.2 Optional reports by working group leaders present on active projects (and additional discussion)

8.2.2.1 Camera Cranes

Karl Ruling said that the working group now has a meeting scheduled.

8.2.2.2 Control Protocols

No further reports or discussion.

8.2.2.3 Electrical Power

Ken Vannice noted that E1.16 has been moved to be reaffirmed. The vote will be decided by letter ballot. The limited review announcements were discussed, and found to be adequate. The announcements included ANSI's *Standards Action*, which was judged to be the really important listing, and *Standards Watch*. The review materials were posted on the ESTA website in the public review documents area.

8.2.2.4 Floors

No further reports or discussion.

8.2.2.5 Fog and Smoke

No further reports or discussion.

8.2.2.6 Followspot Position

No further reports or discussion.

8.2.2.7 Photometrics

Mike Wood moved that BSR E1.35 - 200x, Lens Quality Measurements for Pattern Projecting Luminaires Intended for Entertainment Use (document number Photo/2006-5010r3) be accepted as an American National Standard, contingent upon the working group accepting it as an ANS as it is, with no changes. The motion was seconded, and then approved with a roll call ballot, with all present voting Yes.

Name	Company	Representing	Voting status	Vote
William Conner	Bill Conner Associates LLC	Amer. Society of Theatre Consultants	P	
Eugene Leitermann	Theatre Projects Consultants, Inc.	Amer. Society of Theatre Consultants	A	Yes
Larry Schoeneman	Designlab Chicago, Inc.		P	Yes
Steve Terry	Electronic Theatre Controls		P	
Mitch Hefter	Entertainment Technology (Genlyte Group LLC)		P	Yes
Edwin S. Kramer	I.A.T.S.E. Local 1	I.A.T.S.E. Local 1	P	Yes
Mike Garl	James Thomas Engineering, Inc.		P	Yes
Ken Vannice	Colortran (Leviton Manufacturing Co., Inc.)		P	Yes
Mike Wood	Mike Wood Consulting LLC		P	Yes
David Johnson	Live Design (Penton Media)		P	
Matthew Griffiths	PLASA	PLASA	P	
Ron Bonner	PLASA	PLASA	A	
Bill Groener	PRG Systems Integration Group (PRG)		P	Yes
Mark Engel	Rosco Laboratories		P	
Bill Sapsis	Sapsis Rigging, Inc.		P	Yes
Jerry Gorrell	Theatre Safety Programs	USITT	P	
Louis Bradfield	Louis Bradfield	USITT	A	
Florian von Hofen	VPLT	VPLT	P	
Eckart Steffens	SOUNDLIGHT	VPLT	A	

This was nine out of a possible 15, a supermajority. Bonner and Gorrell were not present.

Mike Wood then moved that BSR E1.36-200x, 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 (document number Photo/2006-5011r1) be accepted as an ANS contingent upon the working group accepting it as an ANS as it is, with no changes. The motion was seconded, and then approved with a roll call ballot, with all present voting Yes.

Name	Company	Representing	Voting status	Vote
William Conner	Bill Conner Associates LLC	Amer. Society of Theatre Consultants	P	
Eugene Leiternann	Theatre Projects Consultants, Inc.	Amer. Society of Theatre Consultants	A	Yes
Larry Schoeneman	Designlab Chicago, Inc.		P	Yes
Steve Terry	Electronic Theatre Controls		P	
Mitch Hefter	Entertainment Technology (Genlyte Group LLC)		P	Yes
Edwin S. Kramer	I.A.T.S.E. Local 1		P	Yes
Mike Garl	James Thomas Engineering, Inc.		P	Yes
Ken Vannice	Colortran (Leviton Manufacturing Co., Inc.)		P	Yes
Mike Wood	Mike Wood Consulting LLC		P	Yes
David Johnson	Live Design (Penton Media)		P	
Matthew Griffiths	PLASA	PLASA	P	
Ron Bonner	PLASA	PLASA	A	
Bill Groener	PRG Systems Integration Group (PRG)		P	Yes
Mark Engel	Rosco Laboratories		P	
Bill Sapsis	Sapsis Rigging, Inc.		P	Yes
Jerry Gorrell	Theatre Safety Programs	USITT	P	
Louis Bradfield	Louis Bradfield	USITT	A	
Florian von Hofen	VPLT	VPLT	P	
Eckart Steffens	SOUNDLIGHT	VPLT	A	

This was nine out of a possible 15, a supermajority. Bonner and Gorrell were not present.

8.2.2.8 Rigging

No further reports or discussion.

8.2.3 P&P revision

Karl Ruling explained that ANSI staff had suggested a better proposed revision to the P&P, which would be to eliminate the words "and reasons" from the first and last sentences of 8.3.2.2.2, and leave existing language in 8.3.2.1. ANSI only requires that you recirculate unresolved objections (not reasons) from public review and from the ballot to the consensus body in order to afford members the opportunity to respond, revise or reaffirm their votes. The Audit Program has consistently applied this requirement as not requiring the recirculation of reasons accompanying an "abstain" vote.

ANSI staff also recommended an additional change to 8.3.2.2.2 that reflects a recent change to the ANSI Essential Requirement that was approved and incorporated into the current version of the ANSI ER since our last audit. In order to avoid any future audit issues, ANSI staff asked that we consider the following revision to the first sentence of 8.3.2.2.2: "If any comments or reasons are

received during a letter ballot, the comments, attempts at resolution, and any substantive changes shall be delivered to the consensus body..." ANSI only requires that unresolved objections be recirculated to the consensus body, so it was suggested, if we prefer, we could alternately limit the recirculation to unresolved objections with the following proposed change to 8.3.2.2.2 from 2.5 of the ANSI Essential Requirements: "Each unresolved objection and attempt at resolution, and any substantive change made in a proposed American National Standard shall be reported to the consensus body in order to afford all members of the consensus body an opportunity to respond, reaffirm, or change their vote."

In line with what ANSI staff recommended, Karl Ruling proposed that 8.3.2.1 d) read "abstain, with reasons," and that 8.3.2.2.2 read:

If any comments or objections are received during a letter ballot, the comments and objections, attempts at resolution, and any substantive changes shall be delivered to the consensus body voting members, who then shall have, as determined by the working group chairperson in his or her sole and absolute discretion, either (a) 21 days or (b) until the date of the next working group meeting (but in no event less than 14 days), to reconsider and possibly change their votes in light of the comments or objections.

(Changed sections are underlined.)

Mike Wood moved that the proposed new language in P&P version 7.1 be accepted. The motion was seconded, and then approved with a unanimous show of hands, which was a supermajority.

8.3 Reports of affiliated organizations

8.3.1 ASTC

Gene Leitermann highlighted the significant number of ASTC members who are participating in the TSP.

8.3.2 PLASA

Bonner said that RoHS and WEEE are now fully implemented in UK regulations.

British Entertainment Industry Radio Group has made a fairly large amount of noise and has gotten Ofcom to consider the problem. Ofcom has issued a special consultation (the document is on the Ofcom website) to deal with the spectrum needs of the entertainment industry. The document is misleading, said Bonner. Also Microsoft's new intelligent coffee table is working in this same part of the spectrum, so there are lots of devices from companies with bigger check books looking to gobble the spectrum used by radio mics.

Bonner also reported on CWA 25 and told the story of the non-English speaking secretary who couldn't understand the meetings, which were conducted in English, and who therefore took no minutes. The CWA 25 document should be in public review soon.

Gene Leitermann asked about the noise directive. Bonner said it doesn't come into force for performers and stagehands until 2008. Bonner doesn't think anyone knows how to deal with it at this time.

There was a discussion of the physical agents directive dealing with light (2006/25/EC). Bonner says that the impact on the industry is not clear. Mike Wood said that some "back of the envelop" calculations show that a spotlight is not likely to impinge on the limits. However, the directive may require a company to provide more information about spectral power distribution.

8.3.3 USITT

No report.

8.3.4 VPLT

No report.

8.4 Optional reports on liaisons and news from other industry groups by representatives present

8.4.1 CANENA

Vannice reported on the rubber boot mismatch problem discussed at the EPWG meeting. This concern will be fed back to the CANENA group.

8.4.2 ETCP

Lori Rubinstein reported that the number of test takers is lower than anticipated, too low to support the program, so marketing has been stepped up.

Bill Sapsis expressed his faith that the program will grow, but the advantages of certification and the consequences of not being certified need to be magnified. Rubinstein said that Neil Huff is working on insurance discounts for companies that use certified technicians. Gene Leitermann said that he was confident that the need for certified technicians could be written into specifications produced by ASTC members. There was further discussion of getting the message out. Mike Wood explained that this is a cash flow problem. The program will make money and will support itself eventually.

8.4.3 ICC

Jerry Gorrell reported that the International Code Council is using same language will be referencing NFPA 80 Chapter 20 for fire safety curtains as part of the International Building Code.

8.4.4 NFPA

8.4.4.1 NFPA 101 (Life Safety Code) and 5000 (building code)

No report.

8.4.4.2 NFPA 1126 (proximate pyro) and 160 (flame effects)

No report.

8.4.4.3 NFPA 70 (NEC)

Mitch Hefter reported that the latest edition of NFPA 70 should be adopted next month by the Standards Council. There are no objections that affect chapters relevant to our industry.

8.4.4.4 NFPA 80

No report.

8.4.5 SAE/FAA

No report.

8.4.6 Others

None.

8.5 Review of action items from last meeting not covered above

None.

9 New Business

9.1 Requiring email addresses

Karl Ruling explained his plan to require email addresses for all TSP participants. (See the final paragraph of Appendix A.) He will send out a letter stating that email addresses are required, and saying that no response by a deadline 30 days in the future will be taken as a show of no interest and a termination of membership. In all the working groups, there is only one voting member, an alternate, without an email address. All the others are observers. Having to mail hard-copy is time-consuming and expensive, and it is not unreasonable to expect or require people to have email addresses. Virtually no business runs without email, and email accounts can be had for free and Internet access also is free at public libraries.

Bill Sapsis moved that Ruling send out a letter as described, requiring email addresses of those without email. The motion was seconded and then approved by a simple majority with a show of hands. Seven voted in favor, and one against.

9.2 Product stewardship for rigging.

Mike Garl said that he has received a call for a product stewardship program for rigging, particularly for rigging inspections. The product stewardship concept was explained by Mike Wood, who explained that product stewardship was a program of defining a tree of information dissemination and responsibilities for giving information.

It was explained that the pressure is really for recommending annual inspections with the weight of ESTA behind this.

The consensus was that the standards we are writing in rigging address the need for inspection and the proper scheduling of inspection. These standards will provide the backup for any campaign someone else would like to mount to encourage regular inspections.

10 Other business

Mike Garl talked about his desire to have working group chairs come to the January meeting.

11 Schedule for future meetings

Mike Garl announced that the next TSC meeting is scheduled for Wednesday, 14 November 2007, from 1:00 to 5:00 in the afternoon.

12 Adjournment 17:00

Larry Schoeneman moved that the meeting adjourn. The motion was seconded, and then approved with a unanimous show of hands. Mike Garl declared the meeting adjourned at 16:00.

Membership and Contact Information as of 20 August 2007

Name	Company	Parent company/ representation	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
Larry Schoeneman	Designlab Chicago, Inc.	Designlab Chicago, Inc.	P
Steve Terry	Electronic Theatre Controls	Electronic Theatre Controls, Inc.	P
Mitch Hefter	Entertainment Technology	Genlyte Group LLC	P
Edwin S. Kramer	I.A.T.S.E. Local 1	I.A.T.S.E. Local 1	P
Mike Garl	James Thomas Engineering, Inc.	James Thomas Engineering, Inc.	P
Ken Vannice	Colortran	Leviton Manufacturing Co., Inc.	P
Mike Wood	Mike Wood Consulting LLC	Mike Wood Consulting LLC	P
David Johnson	Live Design	Penton Media	P
Matthew Griffiths	PLASA	PLASA	P
Ron Bonner	PLASA	PLASA	A
Bill Groener	PRG Systems Integration Group	PRG	P
Mark Engel	Rosco Laboratories	Rosco Laboratories	P
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	P
Eckart Steffens	SOUNDLIGHT	VPLT	A

**TSM's Report on TSP Projects
Friday, 06 July 2007**

PUBLISHED DOCUMENTS WITH NO WORK NEEDED AT THIS TIME

Application Guide for ANSI E1.3 - 2001 Entertainment Technology Lighting Control Systems 0 to 10V Analog Control Specification (CPWG)

Camera crane operator's handbook (CCWG)

Introduction to Modern Atmospheric Effects, 4th edition (FSWG)

Nothing significant has happened in the field since this edition was published.

Recommended Practice for Ethernet Cabling Systems in Entertainment Lighting Applications (CPWG)

This document is getting old and the working group has discussed revising it, but it's not obsolete yet. It covers 10 megabit/second systems, which are not state of the art but are still used.

Supplement to the Recommended Practice for Ethernet Cabling Systems in Entertainment Lighting Applications (CPWG)

This document is getting old and the working group has discussed revising it, but it's not obsolete yet. It covers 100 megabit/second systems, which are so common as to be ho-hum. There are some faster versions of Ethernet and wireless, but this supplement plus the base Recommended Practice is adequate for most Ethernet systems used in the entertainment industry today.

ANSI E1.1-2006, wire rope ladders revision (RWG)

ANSI E1.2-2006, aluminum towers and trusses revision (RWG)

ANSI E1.3 - 2001 (R2006), 0-10V analog control specification (CPWG)

ANSI E1.5-2003, glycol and glycerin fog exposure standard (FSWG)

No action needed yet, but we should start work to reaffirm it later this year. It's fifth anniversary will be in June 2008.

ANSI E1.8-2005, speaker enclosures for rigging standard (RWG)

ANSI E1.9-2007, reporting photometric data revision (PHWG)

ANSI E1.14-2001 (R2007), Recommendations for Inclusions in Fog Equipment Manuals (FSWG)

ANSI E1.15-2006, boom & base assemblies (RWG)

ANSI E1.21-2006, portable roof systems (RWG)

ANSI E1.23-2006, general fog effect planning standard (FSWG)

ANSI E1.24-2006, pin connector intermatibility standard (EPWG)

ANSI E1.25-2006, flat-wall photometry basic conditions (PHWG)

ANSI E1.26-2006, floor energy absorption (FLWG)

ANSI E1.27-1-2006 (portable DMX512 cabling) (CPWG)

PUBLISHED DOCUMENTS WITH WORK NEEDED

ANSI E1.11-2004, DMX512-A (CPWG)

We received several questions from a person in China. These have highlighted errors in the published document and some text that is unclear. The Protocol Implementation Conformance Statement (the PICS) section of the document is confusing. It sometimes uses twisted language to make the response showing compliance be "Yes." It is hard for a native American English-speaker to understand and almost completely opaque to someone who speaks English as a second language. James Eade, working on the PLASA recommended practice, has also found errors. Mitch Hefter has been compiling a list of errors and vague bits. It will be presented to the CPWG at the July 14 meeting, but I don't think the list is complete.

ANSI E1.17-2006, ACN (CPWG)

The portions of the document created by Philip Nye are not searchable on most computers. The fonts he used are two-byte Unicode fonts, and most people's Acrobat applications use one-byte ASCII in the search field. He's working on a solution.

Dan Antonuk says he has found some errors and is creating a list of errata.

ANSI E1.20-2006, Remote Device Management (CPWG)

Scott Blair has reported that a few problems have been found in the document, mainly with the examples in that the examples do not match the actual requirements. The consensus of the working group has been that a full list of errata should be developed.

ACTIVE PROJECTS

BSR E1.4, manual rigging systems (RWG)

The task group is working on drafting resolutions to the issues raised by the James L. Read, Jr. letter.

BSR E1.6-1, powered winch hoist systems (RWG)

The last public review ran from 10 November 2006 through the end of the day UTC 25 December 2006. The task group is working on draft resolutions.

BSR E1.6-2, powered serially produced chain hoist systems (RWG)

The document is in public review through August 27.

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

The first draft is still being developed. It's been underway for less than a year, and the topic is fairly complex.

ANSI E1.11-2004, DMX512-A recommended practice (CPWG)

PLASA's proposal to get this project done is on the TSC and CPWG agendas.

ANSI E1.11-2004, DMX512-A in German (CPWG)

The project seems to be stalled. Florian von Hofen has a document, which I was supposed to look at Prolight + Sound in Frankfurt in March, but he was extremely busy at the show, and we were not able to get together to review the document.

DIN has expressed an interest in writing a DIN document regarding this standard. I've had heated words with Ulrich Kunkel (E3 Engineering & Education for Entertainment, representing DIN) over any suggestion that DIN should make its own version of ANSI E1.11. Our agreed compromise,

discussed at a meeting at Prolight + Sound, would be to have DIN make an interpretation document, a German recommended practice, that points to ANSI E1.11 as the definitive standard and to the VPLT translation as the authorized German translation. No work has been done on this as far as I know, and the three DIN stage technology committee members who were supposed to join the CPWG as observer members have not done so yet. Hans Leiter of ETC was part of the DIN meeting, and he is an observer member of the CPWG, but he seems to be unaware of what the CPWG does or how it works.

There is a market for a German translation of E1.11 document, although perhaps not a large one. German is the most common non-English language used in email messages I receive about DMX512-A and RDM. (That said, Korean, Japanese, and Chinese shows up as complete gibberish with my email client, so I don't know what messages in those languages are about.) Recent Manufacturer ID code registrations also suggest that there are a fair number of small companies in what used to be East Germany working on DMX512-A and RDM projects.

BSR E1.12 camera crane standard (CCWG)

Work continues on this slowly, however, the plan that came out of the last working group meeting seems reasonable to me. A professional writer was hired by one of the crane companies to write a manual, and she will be working with Kent Jorgensen on the draft standard. They are essentially the task group. The next CCWG meeting needs to be scheduled. The group last met in early March.

ANSI E1.16-2002, Configuration Standard for Metal Halide Ballast Power Cables (EPWG)

This is up for reaffirmation. There were no comments received during the last public review. My only concern is that I did not publicize the public review as widely as I usually do. It was on our website, in Standards Watch, ESTA Essentials, and ANSI's Standards Action only. Was this enough? Did that limit the comments?

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

The last public review ended 28 August 2006. The task group is working on possible comment resolutions.

BSR E1.19, Recommended practice for use of Class A GFCIs (EPWG)

It's in public review through July 30.

BSR E1.22, fire safety curtain systems (RWG)

The last public review ran until the end of the day Monday, 12 March. The task group is working on writing some proposed resolutions. There is no consensus in the task group about whether to include, and if so, how, examples of conventional fire safety curtain designs, so this will be discussed at the working group meeting. Harvey Sweet has submitted a document that lays out the issues, and this was sent to the working group.

BSR E1.27-2, permanent DMX512 cabling (CPWG)

The document needs to have a set of resolutions for the last public review developed and approved. There was a set of resolutions presented at the last CPWG meeting, and a majority of those present voted to accept them, but that majority of those present was not a majority of the whole consensus body, so it did not constitute a supermajority and the motion to accept the resolutions failed. We'll talk more about the resolutions at the next CPWG meeting.

BSR E1.28, followspot position planning guidance document (FPWG)

The group is committed to having a document ready for a first public review report at this July meeting, but the document circulated for the meeting is about 90% complete. It has some notes embedded in it, and the last section says "Drawings," but there are no drawings in the document. Drawings do exist. They have been shown and discussed at some of the meetings, but they are not in the document.

BSR E1.29, fog equipment product safety standard (FSWG)

The working group is slowly making progress on this. The working group has been meeting as a task group to work on it, which results in some progress with each TSP meeting cycle, but progress is only made with each meeting cycle.

BSR E1.30, Application level equipment interoperability for control of commonly encountered entertainment technology devices using E1.17 (CPWG)

This is moving slowly, with the main author, Dan Antonuk, questioning whether we should be putting our effort into this right now. Some feel that ACN is useful now without additional interoperability profiles. There is no consensus on tabling or killing this project.

BSR E1.31, Lightweight streaming protocol for transport of DMX512 using ACN (CPWG)

The most recent public review ended EOD, March 19. Eight people commented, and offered 115 comments.

The task group leader, Charles Reese, says that he cannot continue with the project due to his work load. The working group needs another task group leader.

BSR E1.32, luminaire maintenance guidance (EPWG)

It's in public review through July 30.

BSR E1.33, RDM over ACN (CPWG)

Progress is slow, virtually non-existent. Effort has been focused on BSR E1.31.

BSR E1.34-200x, Entertainment Technology-Measuring and Specifying the Slipperiness of Floors Used in Live Performance Venues (FLWG)

The group has a draft document that is fundamentally in good shape, but the description of the drag sled to be used when shoe sole material is tested on a floor needs to be modified. There is a description in the draft standard, but it doesn't match the sled now being used. Also, the working group has been thinking about specifying the relative humidity for tests, but so far no text has been written for this requirement.

BSR E1.35, Lens Quality Measurements for Pattern Projecting Luminaires Intended for Entertainment Use (PHWG)

The last public review, the second one, ran until the end of the day 25 June 2007. There was one response: Yes. The group can choose to accept the document as an ANS or decide to work on it some more.

BSR E1.36, 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)

The last public review, the second one, ran until the end of the day 25 June 2007. There were three responses: Yes, Yes with comments, and simply comments. The working group has a set of possible resolutions. The resolutions, if accepted, do not require any changes to the draft standard, so the document could be accepted as an ANS.

BSR E1.37, Additional Message Sets for ANSI E1.20, Remote Device Management (CPWG)

Work continues, but the same group that is working on this is working on BSR E1.31, so there is competition for resources.

OTHER THINGS OF NOTE

FYI: Steve Terry's two-year term leading the CPWG is about up. The working group will be voting by instant run-off ballot for a replacement to recommend to you. Steve Terry could serve again, if he is willing and the working group asks him to do so; there are no term limits.

For action: I would like to send a letter to all those for whom I do not have an email address, telling them that they must provide an email address if they wish to continue in the TSP, if this is alright with you. This will allow me to get rid of the paper distribution and probably shed a lot of people who have simply disappeared or lost interest. I find it difficult to believe that anyone in our business does not have email. (The Amish don't but they are not in our business.)

Appendix B
The text of the China Entertainment Technology Association proposal

CHINA ENTERTAINMENT TECHNOLOGY ASSOCIATION

Mr. Karl G Ruling
Technical Standards Manager
The ESTA Technical Standards Office
875 Sixth Avenue, Suite 1005
New York, NY 10001
USA

July 4 2007

Dear Mr. Ruling

I appreciate ESTA's work in developing technical standard of entertainment industry. In the past decade entertainment technology has achieved great progress in the world and the same happened in China. Drawing up technical standard is also an important work of Performing Venue and Equipment Committee of China Entertainment Technology Association (PVEC-CETA).

E1.11 - 2004 DMX512-A Asynchronous Serial Digital Data Transmission Standard for Controlling Lighting Equipment and Accessories is a very important standard to lighting control equipment. In order to promote lighting control system as well as carry out the DMX-512-A protocol better in China, I'd like to transform the E1.11 - 2004 into a Chinese standard (Identical). I have noticed the words of " Any parties wishing to translate and publish this document in another language must receive permission from the copyright holder" in your document so I hope to receive the permission from your Association and have a good disposal of the register of Alternate START Codes and Manufacturer IDS. It would be better if some Alternate START Codes and Manufacturer IDS could be distributed to PVEC-CETA just as the IP address policy in network.

I still remembered that days you visited CETA in Beijing and gave us a good deal of useful information about ESTA standards in the summer of 2004. I wish further cooperation could be developed between our two Associations.

I am looking forward to hearing from you.

Sincerely yours,

Zhang Yongjia
President
China Entertainment Technology Association
10 Floor, C Block, East Building, Yonghe Plaza,
No.28, Andingmen Dongdajie, Dongcheng District,
Beijing, 100007
China