

Minutes
Technical Standards Council
Wednesday, 26 March 2014
Fort Worth Convention Center
Ft. Worth, TX

Presiding Chairman:

Mike Garl; Mike Garl Consulting LLC; P

Recording secretaries:

Karl G. Ruling; PLASA NA; exf & Erin Grabe; PLASA NA; exf

Members attending:

Matthew Antonucci; Contract Services Administration Trust Fund; P
Louis Bradfield; USITT; A
Jerry Gorrell; USITT; P
Matthew Griffiths; PLASA EU; exf
Mitch Hefter; Mitch Hefter; P
A. Scott Hoyt; Heartland Scenic Studio; exf
Fred Kosiewski; Walt Disney Company; P
Jules Lauve ; Amer. Society of Theatre Consultants; P
David E. Miller; Walt Disney Company; A
Kimberly Corbett Oates; Amer. Society of Theatre Consultants; A
Eddie Raymond; IATSE Local 16 (PLASA NA Chairman); P
Alan M. Rowe; IATSE Crafts Advancement Program ; P
Lori Rubinstein; PLASA NA; exf
Bill Sapsis; Sapsis Rigging, Inc.; P
Larry Schoeneman; DesignLab Chicago, Inc.; P
Steve Terry; Electronic Theatre Controls, Inc.; P
Ken Vannice; Ken Vannice LLC; P
Mike Wood; Mike Wood Consulting LLC; P

Visitors:

Casey Diers; Designlab Chicago
Dena Hanson; Walk Disney Company
William Greeley; InCord
Michael Lay; Royal Philips
Roger Lattin; IATSE Local 728

1 Opening remarks

Mike Garl called the meeting to order at 1:02 p.m., calling people to their seats. He thanked everyone for taking time out of their schedules for this work.

2 Attendance and membership

2.1 Taking attendance

A green sign-in sheet was passed for people to check off their names.

2.2 Welcome to visitors

2.3 Introductions

Self-introductions took place clockwise around the table.

2.4 Call for quorum

After counting voter's raised hands, Mike Garl noted that a quorum was present.

2.5 Consensus body

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

Name	Representing	Voting status
Jules Lauve	Amer. Society of Theatre Consultants	P
Eugene Leitermann	Amer. Society of Theatre Consultants	A
Kimberly Corbett Oates	Amer. Society of Theatre Consultants	A
Matthew Antonucci	Contract Services Administration Trust Fund	P
Larry Schoeneman	DesignLab Chicago, Inc.	P
Steve Terry	Electronic Theatre Controls, Inc.	P
Edwin S. Kramer	I.A.T.S.E. Local 1	P
Alan M. Rowe	IATSE Crafts Advancement Program	P
Eddie Raymond	IATSE Local 16 (PLASA NA Chairman)	P
Ken Vannice	Ken Vannice LLC	P
Mike Garl	Mike Garl Consulting LLC	P
Mike Wood	Mike Wood Consulting LLC	P
Mitch Hefter	Mitch Hefter	P
Bill Sapsis	Sapsis Rigging, Inc.	P
Jerry Gorrell	USITT	P
Louis Bradfield	USITT	A
Fred Kosiewski	Walt Disney Company	P
David E. Miller	Walt Disney Company	A
Total votes possible:		14
Voting Status Key: P = Principal voter, A = Alternate voter, I = Individual voter		

3 Approval of minutes from the previous meeting

See *TSCmin01-2014.pdf*

Bill Sapsis moved to approve the January minutes. The motion was seconded by Jerry Gorrell, and approved by a show of hands.

Mike Garl reminded everyone that the draft minutes are confidential until they are published, and that they are published after they are approved.

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

The following statement was read aloud to the assembly 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 following statement was read aloud to the assembly by Mike Garl:

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

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

The pamphlet was held up by Karl Ruling to show its availability. Nothing was reported.

6 Approval of agenda

Mike Garl added an item to discuss the new CEN committee right after financial reports.

Mike Wood moved to approve the amended agenda. The motion was seconded and approved by a show of hands.

7 Old business and standing reports

7.1 Financial reports

7.1.1 Treasurer's Report and Status of Contributions and Pledges

See TSP Financial Info 2-28-14.pdf, submitted by Lori Rubinstein.

Scott Hoyt reported on the first two months. He noted that some funds are included for Erin Grabe to receive additional hours. The ProSight contribution is coming again this year, but it does not show for next year as of now. Hopes are high.

Lori Rubinstein reported that PLASA is in discussion with ProSight to agree upon deliverables. ProSight is interested in the UK market and is possibly setting up focus groups with members there. ProSight wants to know what other services might benefit our members.

Mike Garl thanked Lori Rubinstein for her work with ProSight to encourage their continued sponsorship.

7.1.2 Accounting of TSP documents sold

See Sales Report for TSC_03-2014.pdf

There is a bigger push on developing the Investors in Innovation contributors list, reported Lori Rubinstein. There has been work on a small ad campaign about why companies--particularly small dealers--might give to the TSP year after year.

Over 21,000 downloads, reported Erin Grabe, although some copies are still sold through ANSI.

7.2 CEN committee update

Matthew Griffiths spoke on the CEN project initiated by DIN (the German standards body). Matthew Griffiths said that the group will take on converting CWA 15902-1 and CWA 15902-2 in EN standards. Karl Ruling added that the agenda is larger, per the committee application.

A discussion ensued with respect to the PLASA point of view and the mechanism(s) to be put in place to create a unified voice in this matter. With many questions from the group, Karl Ruling noted that this is new territory. No committee for stage machinery or other entertainment equipment and practices has existed before in the international standards organizations CEN, CENELEC, IEC, or ISO.

7.3 Old Business

7.3.1 TSM's report

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

7.3.1.2 Working group documents for possible action by the TSC

7.3.1.2.1 Public reviews

7.3.1.2.1.1 BSR E1.43, flying performer effect standard

See E1-43PubRevw_FinalBallotResults_Rig-2014-2009.pdf.

Mike Wood moved to offer the document for public review. The motion was seconded and approved by a show of hands.

7.3.1.2.1.2 BSR E1.42, Stage lift standard

See E1-42PubRevw_FinalBallotResults_SL-2014-10002r1.pdf

Steve Terry moved to offer the document for public review. The motion was seconded and approved by a show of hands.

7.3.1.2.1.3 BSR E1.51, Canadian feeder cable standard

See EPWG_E1-51_Ballot2014-7002r1results.pdf.

Mitch Hefter noted a single change to the document that was approved by the working group: adding "in Canada" to the scope statement consistent with the document's title. He then moved to offer the document for public review. The motion was seconded and approved by a show of hands.

7.3.1.2.2 New projects

BSR E1.37-3, Support for E1.45 devices and VLC Luminaires with E1.20 RDM protocol

See E1-37-3_TSP_ProjectRequest_Sang-Kyu Lim.pdf, a new standard proposal.

BSR E1.37-5, General Purpose Messages for ANSI E1.20 RDM (PID extensions)

See E1-37-5_GeneralPIDSPProjectForm.pdf.

Mike Wood moved to accept both BSR E1.37-3 and BSR E1.37-5 as new CPWG projects. The motion was seconded and approved by a show of hands.

7.3.2 TSP Marketing

Erin Grabe reported that a marketing committee meeting is scheduled for tonight. Their agenda includes the "Why we participate" ad campaign, RDM training kits, and the LDI sessions. Also, ICAP members will be joining the meeting to discuss outreach to IATSE members.

7.3.3 Outreach to AHJs

No news.

7.3.4 Making the TSP be more international

See *TSI_Progress_Report_13 March 2014.pdf*

Erin Grabe reported. She said the progress report that the TSC received is out of date. The camera included in the report is being recalled, and a new, better camera was found and acquired.

The idea was to have Ron Bonner participate during the CPWG meeting. She tried it out and talked to Ron Bonner this morning. She was able to talk to him, but he reported that he won't be able to make the test call during the CPWG meeting because he had scheduled another meeting. She will try to contact others to see who can participate.

ClickMeeting doesn't recognize the USB mixers. A service tag was created, but the ClickMeeting support is in Poland, so no response yet, and the time difference makes help difficult. Webex does recognize the USB mixers, and that was what worked this morning. More investigation into reliable services will be done.

7.3.5 Review of action items from last meeting not covered above

None.

8 New business

8.1 Parade float fall protection project

See *ParadeFloatFallProtection.pdf*

Jerry Gorrell described the project. There was discussion about whether there needs to be a new working group for this, or if it can be a Floors project. Kimberly Corbett Oates suggested that perhaps we need a new working group to deal with fall protection/worker restraint. Bill Sapsis argued that fall protection is covered well by ASSE standards.

Steve Terry said that the project has merit, but asked which group had the gumption to take it on.

Jules Lauve said it should be a different working group, because Floors isn't really about safety.

Jerry Gorrell said that the Floors Working Group can take this on, citing the stage-edge safety standard being worked on now, and volunteered to have his group do it. Mike Garl charged Jerry Gorrell and the floors working group to proceed with talks about this project. Karl Ruling asked if this was the consensus of the TSC, and it was.

8.2 Other new business

No other new business at this time.

9 Optional Reports

9.1 Optional reports by working and task group leaders on active projects

9.1.1 Control Protocols

No report.

9.1.2 Electrical Power

Ken Vannice reported that progress on the 19-pin connector standard is held up by the advocates for it having disappeared. That is, no work is being done because the people working on it have stopped contributing any work and stopped responding to email.

There was a discussion of a new class of GFCIs with higher trip point. Ken Vannice said that there was a task group working on this. They decided that the first thing to do was to find out what these devices really are.

Mitch Heffer reported on some progress being made on the grounding and bonding project. They have decided to change the title by swapping the key words to make it be "bonding and grounding."

9.1.3 Floors

Jerry Gorrell reported that the group is meeting on Saturday.

9.1.4 Fog and Smoke

Larry Schoeneman reported that the group is meeting on Friday morning. They had two standards come back from public review with no comments and so can consider reaffirming the standards without opposition to consider.

9.1.5 Followspot Position

Erin Grabe noted that this meeting is scheduled for Friday and that the group is in maintenance mode.

9.1.6 Photometrics

Jerry Gorrell reported that this group will meet in July.

9.1.7 Rigging

Bill Sapsis reported on the group's work, noting that two new documents, E1.39 & E1.47, were of particular interest. The group meets Friday.

9.1.8 Stage Lifts

Erin Grabe reported that the TSC had just approved their second public review. It will be offered shortly.

9.2 Reports of affiliated organizations and PLASA EU

9.2.1 ASTC

Jules Lauve reported that, the annual meeting will be Saturday. They are exploring notifying the public about the use of strobes in performance. They will also address stage collapses, noting the high school group that was jumping up and down on a fore-stage platform when it collapsed. The group expects there will be some ramifications about that.

There was further discussion about the need to write standards for scenery to avoid collapses and to prevent the extension of building codes for permanent structures to scenery.

9.2.2 NFPA

9.2.2.1 FDW-AAA committee

NFPA 80 is open for comments, Jerry Gorrell reported. Fusible links have been removed from the fire safety curtain section. The addition of design, maintenance, inspection and installation to be done by "certified riggers", was made.

9.2.2.2 SPE-AAA

Larry Schoeneman reported that there is no news for this group at this time.

9.2.2.3 SAF-AXM

Jerry Gorrell reported that there is no news for this group at this time.

9.2.3 PLASA EU

Lori Rubinstein said that Ron Bonner had sent a report, which she read from aloud. It read as follows:

DIN [sic] approves Technical Committee.

CEN approved DIN's application for the Entertainment TC for stage engineering after conducting an EU wide ballot of Standards writing bodies.

They (DIN) have 6 months to prepare a business case. When this has been accepted then the committee will be formed. Only 3 experts are allowed from any one nation on the TC and the representatives from the UK will more than likely be sponsored through MHE/3 at BSI. I have asked BSI to organise a meeting of MHE/3/13 (committee responsible for BS7905 & 7906) to discuss the representation work ahead.

As a reminder for your benefit and should you need to explain at the TSC – Standards in the EU when applied, show conformity to National/EU Regulations. So in other words if you follow a standard you will have conformed to the Regulations governing the particular discipline the standard was written for. In the case of a stage engineering standard such as CWA15902, The Management of Health and Safety at Work Regulations, The Provision of Work Equipment Regulations (PUWER) and the Lifting Operations Lifting Equipment Regulations (LOLER) are the prime Regulations involved – the standard itself isn't a Regulation.

RDM Plugfest

Registrations are now being taken for the now annual RDM & sACN developer's conference and plugfest. The event, sponsored by the PLASA TRO, has been organised for those in lighting manufacture, lighting control or lighting design. Personal invitations to the event which is taking part at Gatwick Manor just south of Gatwick airport on April 24th, April 25th and April 26th have been sent and registrations are being received

The registration details and information are available at www.plasa.org/rdm

Fog testing demonstration

I have been asked to present the research documentation on the health effects of Fogs for the ABTT event for Equity at the Playhouse Theatre in London (21st March)

My presentation will highlight the report on the investigation into safety of smoke machines conducted by PLASA in 1990, the joint evaluation of theatrical smoke, haze and pyrotechnics by the Mount Sinai School of Medicine in 2000 and the Health and Safety Executives research and testing on fogs in 2003. It will also reference the 3 Fog standards E1.5 Theatrical Fog made with Aqueous Solutions of Di- and Trihydric Alcohols, E1.14 Recommendations for Inclusions in Fog Equipment Manual, E1.23 Design and Execution of Theatrical Fog effects and Introduction to modern atmospheric effects guidance.

Laser guidance revision work

The work to revise the Health and Safety Executives document for Laser safety in the entertainment industry continues on target. The second meeting took place in early March and good progress has been achieved. The TRO is leading this project and acting as secretariat. 2/3 of the document has been reviewed and revised with the last section expected to be finished at the end of April. The draft

document will compiled by the TRO for the next meeting in June where it will be reviewed and if accepted released as a document for consultation. As an addition the revision committee have voted to also produce an onsite guide to accompany the guidance note as an easy reference to some of the more technical aspects of Laser power and safety provisions to apply for audience exposures etc.

Lori Rubinstein also reported on the NRAG meeting and the concern about CDM regulations, which deal with regulating construction sites. One concern is that trade show booths would be considered individual construction sites.

9.2.4 USITT

Jerry Gorrell reported that the 2014 Conference is happening.

Lori Rubinstein added that the ESET program has been turned over to USITT. All seminars and training are now being done by USITT, not The ESTA Foundation, which is now solely a charity.

10 Other business

10.1 Rigging International Code of Practice

Lori Rubinstein reported that Ed Kish is moving forward with the North American data gathering, but that the other regional groups are lagging in productivity.

10.2 Above & Beyond Award

Next set to be given out next at the January 2015 meetings.

Michael Lay reported that the awards are an on-going endeavor. .

10.3 Richard Cadena request

The book was supposed to have been published in February. Any news?

The book is for sale here at the USITT Conference, Steve Terry reported. He asked if anyone had seen the table for which permission was asked, and granted, to reprint, under the condition that this body review the content before printing. No one in this group had reviewed it, but the table looks okay.

11 Schedule for future meetings

The next meeting is scheduled to be on Sunday 27 July 2014, at the D/FW Marriott Solana in Westlake, TX, from 9am – 1pm.

12 Adjournment

Larry Schoeneman moved that the meeting be adjourned. The motion was seconded. Hearing no objections, Mike Garl declared the meeting adjourned at 3:11 p.m.

Name	Company	Representing	Voting status
Matthew Antonucci	Contract Services Administration Trust Fund	Contract Services Administration Trust Fund	P
Ron Bonner	PLASA Technical Resources Office	PLASA EU	O
Harry Box	PLASA Production Equipment Rental Group	PLASA Production Equipment Rental Group	O
Louis Bradfield	Louis Bradfield	USITT	A
Mark Engel	Rosco Laboratories	Rosco Laboratories	O
Mike Garl	Mike Garl Consulting LLC	Mike Garl Consulting LLC	P
Jerry Gorrell	Theatre Safety Programs	USITT	P
Erin Grabe	PLASA NA	PLASA NA	exf
Matthew Griffiths	PLASA EU	PLASA EU	exf
Mitch Hefter	Mitch Hefter	Mitch Hefter	P
A. Scott Hoyt	PLASA NA Treasurer	Heartland Scenic Studio	exf
David Johnson	Live Design	Penton Media	O
Fred Kosiewski	Walt Disney Parks & Creative Entertainment	Walt Disney Company	P
Edwin S. Kramer	I.A.T.S.E. Local 1	I.A.T.S.E. Local 1	P
Jules Lauve	Theatre Projects Consultants, Inc.	Amer. Society of Theatre Consultants	P
Eugene Leitermann	Theatre Projects Consultants, Inc.	Amer. Society of Theatre Consultants	A
Katie McCulloh	PLASA NA	PLASA NA	exf
David E. Miller	Walt Disney Parks & Creative Entertainment	Walt Disney Company	A
Kimberly Corbett Oates	Schuler Shook	Amer. Society of Theatre Consultants	A
Eddie Raymond	IATSE Local 16	IATSE Local 16 (PLASA NA Chairman)	P
JR Reid	JR Lighting, Inc.	PLASA Production Equipment Rental Group	O
Alan M. Rowe	IATSE Local 728	IATSE Crafts Advancement Program	P
Lori Rubinstein	PLASA NA	PLASA NA	exf

Name	Company	Representing	Voting status
Karl G. Ruling	PLASA NA	PLASA NA	exf
Marian Sandberg	Live Design	Penton Media	O
Bill Sapsis	Sapsis Rigging, Inc.	Sapsis Rigging, Inc.	P
Larry Schoeneman	DesignLab Chicago, Inc.	DesignLab Chicago, Inc.	P
Steve Terry	Electronic Theatre Controls	Electronic Theatre Controls, Inc.	P
Ken Vannice	Ken Vannice LLC	Ken Vannice LLC	P
Mike Wood	Mike Wood Consulting LLC	Mike Wood Consulting LLC	P

Voting Status Key:

P = Principal voter, A = Alternate voter, I = Individual voter, O = Observer member