

**Meeting Notice****Thursday, September 8, *Ed Treese's Lake House***

Lot U-2; Lake Lotawana, MO; 913-484-4134 or 913-522-1543  
Gather at 6:00 p.m. See page 5 for directions.

*Annual Picnic.* Our annual social gathering takes us to Lake Lotawana for a light evening of fun and food. Ed Treese has graciously invited us to his lake house for our annual social event. The chapter will handle the burgers, dogs, drinks and chips.

There will be some games of chance and skill to compete for prizes donated by our newsletter sponsors. Chapter members and guests are invited, as are their significant others. ☺



Certification Exam Dates		
Exam Date	Location	App. Deadline
Sep 21, 2005	NAB Radio	CLOSED
Oct 20, 2005	SBE Nat'l Mtg.	CLOSED
Nov 11 - 21, 2005	Local Chapter	Sep 23, 2005

**Last Month's Meeting**

*By Ben Weiss*

The August 11 meeting of Chapter 59 was held at Don Chilito's Restaurant in Mission. There were 13 in attendance. Matt Kinnan, chapter chairman, presided over the business meeting.

Regarding future meetings, Mike Rogers remarked that the program that was to be presented at the August meeting by Mike Troje of Continental Electronics has been moved to October with a possible change from our usual second Thursday because of conflicts with Troje's schedule. We were reminded that the annual picnic would be held at Lake Lotawana on Sept. 8.

Bob Schneider, chapter frequency coordinator, told us that it is very important to coordinate RPU and wireless microphone frequencies on NFL game days. He said that the available channels for wireless mics in the 700MHz band are becoming difficult to find because of other services being assigned those channels. Unused TV channels where some wireless mics have existed for years are disappearing as well. The NFL is getting tough on coordination with spectrum users that have not coordinated by denying them access to the games. Schneider also remarked that coordination with NASCAR on race days has been non-existent and has caused problems during past events. He hopes to establish a rapport with NASCAR officials so wireless usage during future racing events can be coordinated. Finally, Schneider stated that Aug. 23 is the date for a meeting in KC with Nextel officials about the timetable for the 2GHz conversion of the TV BAS band.

Commenting on EAS, Kirk Chestnut, KC metro EAS chairman, said that there were two AMBER Alerts issued during July and one was successful in apprehending the suspect. He told us that the software designed to help disseminate AMBER Alerts and the associated details works, and the time taken to issue an alert has been reduced to three minutes. Chestnut again noted that the management of KCSP would like to discontinue being the KC area LP-1 because the station is automated much of the time. He suggested that another AM station, WHB for example, could take over the responsibility.

Chriss Scherer mentioned that certification exams would be given during the fall shows in Dallas and Philadelphia. The deadline for registration for these exams is Aug. 18. Local certification exams will be given in November and the deadline for registration is Sept. 23.

On the national scene, Scherer encouraged all members to return their ballots for the national elections.

Because there was no lunch sponsor, the chapter held a drawing to reimburse one attendee for his. Ed Treese was the lucky winner.

The program was presented by John Beck, who detailed the operation of HCJB, a missionary shortwave station in Quito, Ecuador. For 20 years, Beck served in a variety of positions with HCJB including general manager.

**Chairman's Chat*****Don't Judge a Computer by its OS***

*By Matt Kinnan, CEV CBNT*

For years now I have used many computers, slow ones, fast ones, black ones, white ones, and some clear ones you can see through. Mostly, I've used and fixed personal computers that are designed for basic tasks such as word processing or e-mail, while others have had more specific tasks like editing audio and video or monitoring network traffic.

## Audio Test & Measurement Systems

Kansas & Oklahoma representative:

Ron Fisher & Associates, Inc.  
9802 East 37th Place, Tulsa, OK 74146  
Tel: (918) 665-8899 Fax: (425) 930-9128  
E-mail: rfai@swbell.net

**Audio  
precision**

5750 SW Arctic Drive  
Beaverton, OR 97005  
US Toll Free: 1-800-231-7350  
(503) 627-0832 Fax: (503) 641-8906  
Web site: www.audioprecision.com

**Richardson  
Electronics**  
Engineered Solutions

Christine Chinchilla  
Broadcast Sales Specialist

40W267 Keslinger Road  
P.O. Box 393  
LaFox, IL 60147-0393



Toll Free: (800) 882-3872  
Phone: (630) 208-2401  
Fax: (630) 208-2450  
E-Mail: chris@rell.com

[broadcast.rell.com](http://broadcast.rell.com)

**Comet** **GENERAC**  
Industrial Products, Inc. POWER SYSTEMS, INC.

**Rick Jennings**  
Power Systems Manager

2405 Nicholson, Kansas City, MO 64120-1671 • 816-245-5400 • Fax 816-245-5435  
[www.cometind.com](http://www.cometind.com) • [rjennings@cometind.com](mailto:rjennings@cometind.com)

Stand-by, Special Application & Prime Power Systems  
Mobile, RV, Marine & Portable Generators  
24 Hour Generator Service & Maintenance

**EVS**  
ELECTRONIC  
VIDEO SYSTEMS



- BROADCAST
- INDUSTRIAL
- CCTV
- AUDIO VISUAL

**Raun Hamilton**

Vice President & General Manager

2029 Woodland

Springfield, MO 65807

Phone: Toll-free 800-299-4387

417-881-4677

e-mail: [raunh@evsinc.com](mailto:raunh@evsinc.com)

[www.evsinc.com](http://www.evsinc.com)

e-mail: [sales@evsinc.com](mailto:sales@evsinc.com)

The one thing that I have noticed about all computers is that sooner or later they will have problems. No operating system or computer is perfect, and no one system is better than the other. Don't ever fall into the trap of thinking that one OS is better than another, because they all have their weaknesses. Some operating systems work more efficiently than others when asked to perform certain tasks. The trick is to know which operating system is best for the task at hand.

If you're not comfortable with an operating system, don't just bad-mouth it because you don't understand it, learn what makes it different. Try to get a hold of an old PC or Mac from the back room at the office, or you might get lucky and find one at a garage sale. Load the operating system you want to learn, and if you get stuck, look for help on the Web.

The more you understand about an operating system the more valuable you'll be to your employer. Learn how to make different operating systems network to one another. I've noticed that all of these systems are similar, you just have to learn the differences. So before you judge an operating system, make sure you really understand what makes one different from the other.

I've become very comfortable working on just about any computer, no matter what OS. So keep an open mind and try not to show bias towards any one OS or computer. This has helped me to become more valuable to my company. Like being a member of the SBE or becoming certified in your field, it's all about learning and making yourself move forward. Good luck and enjoy what you do.

### Dallas, Boston to Host Ennes Workshops

Ennes Workshops are being planned for presentation in suburban areas of Dallas and Boston in October. The first will be held as a part of the Broadcast Engineering Expo (BEE), sponsored by Chapter 67, at the Hilton DFW Lakes Executive Conference Center on Oct. 19. Cost will be \$25 and includes lunch along with a special viewing of the BEE broadcast equipment trade show following the workshop.

The second workshop will be held Oct. 25 at the Best Western Royal Plaza Hotel and Trade Center in Marlborough, MA. The workshop is part of the Bos-Con SBE Regional Convention being held on Oct. 25 and 26. The cost is \$25 and includes lunch and a preview of the Bos-Con trade show.

Both workshops are full-day programs with most of the day dedicated to separate sessions for radio and televi-

sion engineers. Radio presentation topics will include implementation of HD Radio, storage schemes for HD Radio, audio cable and more. Television topics will include passive RF systems and mask filters for TV transmitters, DTV transport system, Program Metadata Communication Protocol, DTV closed captioning and more.

To register for the Dallas Ennes Workshop, visit the Chapter 67 website, [www.sbe67.org](http://www.sbe67.org). To register for the Boston Ennes Workshop, call or e-mail Linda Baun at the SBE National Office, 317-846-9000 or [lbaun@sbe.org](mailto:lbaun@sbe.org).

### SBE Announces Accreditation Program for Frequency Coordinators

The SBE has begun a new Frequency Coordinator Accreditation program. Accreditation will give the hardworking, volunteer coordinators the opportunity to demonstrate that they are part of a standards-based, nationally recognized program of local voluntary broadcast-auxiliary frequency coordination. At the same time, it will allow the SBE to demonstrate to the broadcasting industry the widespread acceptance of a voluntary set of standards guiding local coordination.

SBE accreditation is not SBE certification. There is no test to take and no cost to become accredited. SBE accreditation addresses the commitment of the individual to the task of providing frequency coordination services.

Though voluntary, the hope is that every frequency coordinator will want to become accredited. Frequency coordinators will subscribe to the Accreditation Pledge which assures that consistent services will be provided. Information about the SBE Frequency Coordination Accreditation Program, including the text of the pledge and application form, can be found at the SBE website at [www.sbe.org](http://www.sbe.org).

### Chapter Certification Update

Congratulations to Kirk Chestnut for obtaining his CPBE. Congratulations also go to Chris Castro for obtaining his CBT.

### Upcoming SBE Regional Conventions

September 15: Sea-Con 2005, presented by SBE Chapter 16, VMI and Emedia Ministries. Boeing Museum of Flight, Seattle, WA

September 28: 33<sup>rd</sup> Annual SBE22 Broadcast & Technology Expo, Turning Stone Casino, Verona, NY

October 11-13: Broadcasters Clinic, presented by the Wisconsin Broadcasters Assn. and SBE Chapter 24, Marriott Madison West, Middleton, WI



**BELDEN**Cable™

### Duane Selby

Sales Representative

Belden CDT Inc.  
Electronics Division  
2844 SW Carlton Drive  
Lees Summit, MO 64082  
[www.belden.com](http://www.belden.com)

Telephone: 816-525-2323  
Facsimilie: 816-525-2241  
Cell: 816-665-2445  
[duane.selby@belden.com](mailto:duane.selby@belden.com)



**BURST**  
COMMUNICATIONS

JIM SHAW

SALES ENGINEER

12012 W. 100 TERRACE

LENEXA, KANSAS 66215

PHONE 913-492-2877 • FAX 913-492-2877

[www.burstvideo.com](http://www.burstvideo.com)

[jshaw@everestkc.net](mailto:jshaw@everestkc.net)

*Continental Electronics™*



Michael Troje

Regional Sales Manager



4212Buckner Blvd.  
Dallas, TX 75227  
[mtroje@contelec.com](mailto:mtroje@contelec.com)

Phone: 214-275-2319  
Fax: 214-381-3250  
Cell: 651-295-7121

### Northland Electrical Services LLC

Serving Kansas City  
and the Surrounding Area

Tom Presley  
6103 N.W. Klamm  
Kansas City, MO 64151

*New Generator & ATS Installations  
Panel Breakers, ATS & Genset Replacement  
After-Hours Scheduling for Broadcast Work*

[www.NorthlandElectrical.com](http://www.NorthlandElectrical.com)

[Tpresley@kc.rr.com](mailto:Tpresley@kc.rr.com)

816-510-3437 cell 816-746-6718 office 816-746-3803 fax

October 19-20: 2<sup>nd</sup> Annual Broadcast Engineering Expo (sponsored by SBE Chapter 67) and SBE National Meeting, Hilton DFW Lakes Executive Conference Center, Grapevine, TX

October 20: SBE Chapter 20 Pittsburgh Regional Broadcast Expo, Radisson Pittsburgh, Greentree, PA

October 25-26: Bos-Con 2005, sponsored by SBE Chapter 11, Best Western Royal Plaza & Trade Center, Marlborough, MA

### NAB Calls for Speakers for NAB2006

The NAB is looking for technology speakers to keynote and participate in panel sessions to be scheduled during NAB2006. Speakers will have the opportunity to express their opinions concerning the opportunities and challenges of the new media age. Interested individuals should submit a 200-word summary of the topic, a brief biography and contact information by Oct. 7.

The NAB is also looking for presenters for the NAB Broadcast Engineering Conference. This is a technical conference where presenters deliver technical papers ranging over a variety of topics relevant to the broadcast and allied industries. Presentations are limited to 30 minutes in

length, including five or 10 minutes for questions from the audience. The NAB invites interested individuals to submit a proposal to present a technical paper at the conference. Proposals should be clearly written and be no more than 200 words in length. The proposal should explain what conference attendees can expect to learn from the paper. Papers are due Oct. 7, 2005. The selection process will begin at that time.

For more information on the speaking opportunities visit [www.nabshow.com/speakers\\_default.asp](http://www.nabshow.com/speakers_default.asp).

### BMW to Offer HD Radio Receivers as Installed Option in 2006

*Autoweek* reports that BMW of North America will offer HD Radio receivers as a factory option in its 2006 7 Series models. The sedans begin production this fall. BMW has not announced the price of the option.

### AES Convention Includes Broadcast Events

The AES has announced the broadcast-related events to be held at the 119th AES convention in New York, Oct. 7 to 10. Here is an overview of these events.

The Digital Radio Broadcast Forum will be chaired by David Bialik, AES broadcast events chairman. Now in its 14<sup>th</sup> year, the panel will host Leonard Kahn of Kahn Communications, David Wilson of the Consumer Electronics Association, Mike Lyons of Ibiquity, David Layer of the NAB, Tony Massiello of XM Radio, Mark Kalman of Sirius, a representative of the Digital Radio Mondiale Consortium and others. This year's panel will focus on digital radio—terrestrial and satellite—in terms of receiver availability and growth. DRM will be covered for the first time.

Surround Sound for Digital Radio is chaired by Herb Squire of DSI. The panel will examine station implementation of and listener reactions to the format. Participants include Robert Reems of Neural Audio, Stephan Geyersberger of Fraunhofer, Alan Kraemer of SRS Labs, Frank Foti of Omnia Audio, Tony Massiello of XM Radio, Rocky Graham of Dolby Labs and Mike Pappas of KUVU-FM. Demonstrations are being arranged for this session.

Two tutorials are scheduled. Mike Pappas will present Mixing a Live Broadcast in Surround, which will pull from his experience with surround broadcasts on KUVU. Pappas will be joined by *Radio* magazine editor Chriss

## PROFESSIONAL VIDEO SUPPLY INC

**Ned Soseman**  
Sales Engineer



9201 Cody  
Overland Park, KS 66214  
Cell: (913) 558-4870

(913) 492-1787  
FAX (913) 859-0787  
E-mail: neds@pvske.com



**RF Specialties®**  
OF MISSOURI

**Christopher L. Kreger**  
Vice President & Secretary

22406 NE 159<sup>th</sup> Street  
Kearney, MO 64060

fax (816) 628-4508  
(800) 467-RFRF  
rfmo@uniteone.net  
www.rfspec.com

'RF IS GOOD FOR YOU!'

Part Of The C.L. Kreger Companies, Inc.

**Next EAS Required Monthly Test: September 27**  
The RMT is sent on the last Tuesday of the month

Scherer to present Designing a Broadcast Facility for 5.1.

An event to mark the 70th anniversary of FM Radio is planned. A panel of Edwin Armstrong's relatives and co-workers are expected to participate.

A live performance of an audio drama will be produced on stage at the Javits Center by Himan Brown. Brown is 93 years old and has produced many radio dramas in his career. He is completing a script and hiring actors to present this program.

The Audio for HDTV panel will examine shifts and advances in the evolution of this technology. The chairman of the panel is Andy Butler, CPBE, director of engineering of PBS. The panel will consider the many complex issues facing broadcast engineers transitioning to HDTV. Initial panelists include Rocky Graham of Dolby Laboratories, Alan Kraemer of SRS Labs and Geir Skaaden of Neural Audio.

**FCC Sets Air Date for Educational Bugs**

Broadcasters must begin displaying on-screen educational/informational (E/I) bugs during children's television programs beginning Sept. 19, according to a new ruling from the FCC. To get credit toward the FCC's mandatory three-hour weekly requirement to air educational children's programming, the bug must air through the entire show.

The E/I obligation is part of a larger bill introduced by the FCC last November. The bug requirement applies to commercial and non-commercial broadcasters.

**Wanted: Your News and Information**

The SBE59 newsletter, *The Communicator*, is published every month as a service to the members, sponsors and guests of SBE Chapter 59. We are always looking for information on what is happening at stations and facilities around Kansas City. Have you hired someone new? Have you received a promotion? Have you installed some new equipment? Tell us about it and share it with your engineering colleagues. Send any of your stories or ideas to a chapter officer or e-mail them to [sbe59@broadcast.net](mailto:sbe59@broadcast.net). Articles published in *The Communicator* will qualify for SBE recertification points.

**Directions to the Picnic**

From the Grandview Triangle follow I-470 East. Take the exit for US 50 East. Follow US 50 to MO 7 North. Follow MO 7 to the Gate 3 entrance for Lake Lotawana on the east side of the road. Enter through the gate, and then go straight. You will be in T block. Continue around the bend to the left to U block. The Treese house is on the right.

It's a light gray house with vinyl siding and two white garage doors. There is a sign over the the garage doors with the address U-2 and the Treese's name. Park in the driveway, the grass directly above the driveway or the parking area up at the street with the empty boat trailer. Ed notes that the neighbor on the right is especially touchy about people parking on his property, so avoid that at all costs. Ed estimates that it should take 30 minutes from I-435.

If you come from I-70, take the exit for MO 7 South. Follow the directions above once you come to Gate 3. ☺



**RICHLAND  
T O W E R S**

**The Location. The Tower. The Technology.**

**Paul G. Raymond**  
*National Sales*

Two Urban Centre Phone 765-215-7320  
4890 W. Kennedy Blvd., Ste 920 Fax 813-286-4130  
Tampa, FL 33609 Cell 765-215-7320  
[www.RichlandTowers.com](http://www.RichlandTowers.com) [PRaymond@RichlandTowers.com](mailto:PRaymond@RichlandTowers.com)

**STARK RAVING  
solutions**

video and media solutions

**Production Solutions**  
**Editing Systems**  
**Systems Integration**  
**Consulting**  
**Technical Support**

**Dan Stark**  
owner

[www.starkravingsolutions.com](http://www.starkravingsolutions.com)  
[dan@starkravingsolutions.com](mailto:dan@starkravingsolutions.com)  
913.383.0243 office  
913.219.0243 mobile  
10205 Ensley Lane  
Leawood, KS 66206

**Kurt Caruthers**  
Director of Sales, Central Region

[kcaruthers@sundig.com](mailto:kcaruthers@sundig.com)  
913.307.0333  
545 E. John Carpenter Frwy, Ste 200  
Irving, TX 75062



**BROADCAST AUTOMATION SOLUTIONS** [www.sundancedigital.com](http://www.sundancedigital.com)

**SBE59 Officers**

**Chairman** ..... Matt Kinnan, CEV CBNT ..... Taketwo Productions ..... (816) 471-6554 ..... mkinnan@taketwo.tv  
**Vice Chairman** ..... Ken Cox, CBT CBNT ..... Susquehanna Kansas City ..... (913) 514-3000 ..... kcox@susqkc.net  
**Secretary/Treasurer** ..... Ben Weiss, CPBE ..... KMXV-FM/KSRC-FM ..... (816) 931-5506 x546 ..... benw@infinitykc.com  
**Past Chairman** ..... Steve Epstein, CPBE CBNT ..... BroadcastBuyersGuide.com ..... (816) 582-4604 . steve@BroadcastBuyersGuide.com

**SBE59 Committees**

**Programs** ..... Michael Rogers ..... Rogers Broadcast Service ..... (913) 486-6122 ..... mrogers@everestkc.net  
**EAS K.C. Operational Area** .. Kirk Chestnut, CSRE ..... Entercom Kansas City ..... (913) 677-6462 ..... kchestnut@entercom.com  
**Certification, Newsletter** ..... Chriss Scherer, CSRE CBNT ... *Radio* magazine ..... (913) 967-7201 ..... cscherer@sbe.org  
**Frequency Coordination** ..... Bob Schneider ..... KSMO-TV62 ..... (913) 621-6262 ..... bschneid@ksmo.sbgnet.com  
**Website** ..... Chris Castro, CBT ..... KSHB-TV ..... (816) 932-4304 ..... castro@kshb.com

**Chapter 59 e-mail:** sbe59@broadcast.net

**Chapter 59 list server:** sbe-kc@yahoogroups.com

**Upcoming Meetings and Events**

**September 8 - Annual Picnic**  
 Treese's Lake House

**Upcoming meeting dates**  
 Mark your calendar now  
**October 13 (subject to change)**

**November 10**  
**December 8**  
**January 12**  
**February 9**  
**March 9**  
**April 13**

Do you have a suggestion for a program topic?  
 Please share it with Mike Rogers.

**Synchronized Certification**

The SBE National Certification Committee adopted an item of interest to individuals who hold multiple Certifications. In most cases, the different Certifications were awarded at different times, which results in the Certified individual having to recertify various items at various times. In many cases, the same point credits are claimed for the various Certifications.

To reduce the burden of tracking various periods concurrently, a method has been devised to allow various levels of Certification to be synchronized in their renewal cycle. Doing this is at the option of the Certification holder. It is not mandatory. Contact the SBE National Office for details on synchronizing your Certifications.



SBE Chapter 59  
 c/o Radio magazine (Scherer)  
 9800 Metcalf  
 Overland Park, KS 66212