

Meeting Notice**Thursday, November 10, Jack Stack Barbecue**

The Freight House, 101 W 22nd Ave.; Kansas City, MO; 816-472-7427
Gather at 11:30 a.m., meeting and lunch at noon

IBOC Concepts and System Topologies. Mike Troje, sales manager of Continental Electronics, will provide a recap of IBOC technology and the various transmitter and antenna configurations that are currently available. In addition, he will discuss IBOC exciter development including precorrection and Xgine topology.

Lunch will be provided by Continental.



Certification Exam Dates		
Exam Date	Location	App. Deadline
Feb 10 - 20, 2006	Local Chapter	Dec 30, 2005
Apr 25, 2006	NAB Las Vegas	Mar 3, 2006
Jun 2 - 12, 2006	Local Chapter	Apr 21, 2006

Last Month's Meeting

By Ben Weiss

The October meeting of Chapter 59 of the Society of Broadcast Engineers was held Oct. 10 at the Hereford House Restaurant in downtown Kansas City. There were 18 in attendance. Matt Kinnan, chapter chairman, presided over the business meeting.

Bob Schneider, chapter frequency coordinator, told us that he and Chris Castro are now accredited frequency coordinators. Even though Schneider has moved to Topeka, he will continue to serve as frequency coordinator for the chapter and the KC metro area, and also serve as the NFL game-day coordinator for the Chiefs. Chris Castro serves as his backup.

Further, Schneider remarked that the NFL season continues to progress without any major coordination problems. The NFL is getting very tough on coordination. Spectrum users who have not coordinated for two games are being denied access to the games. Schneider also noted that coordination with NASCAR on race days has been non-existent and that there were problems during the early October weekend event.

Kirk Chestnut, Kansas City EAS chairman, reported that several senators have introduced senate bill 1753 to the Committee on Commerce, Science and Transportation that addresses the needs for an improved national warning system. The bill appropriates \$250 million dollars in grant funding to establish a national all-hazards warning system. This system is designed to use as many technologies as possible to warn as many citizens as pos-

sible to hazardous events nationally, statewide and locally. Administration of the system will be under NOAA with the FCC taking a diminished roll as enforcer. The system will be designed to augment the current EAS system.

On the local front Kirk remarked that the Sept. 27 monthly EAS test issued by KCSP had a malfunction due to memory loss of audio. He also mentioned that the IBAS group is continuing to develop the law enforcement interface for the metro EAS system.

Chriss Scherer mentioned that certification exams would be given locally in February. The deadline to register for them is Dec. 30th.

Scherer again expressed his concern over the future of the chapter's monthly newsletter. The last issue he will produce will be the December issue. Someone will need to take over the responsibility in January. Fortunately, Chris Castro has indicated an interest in doing it.

The motion to adjourn was made by Kirk Chestnut and the second by Chriss Scherer.

Our program featured Ken Dillard of Statmon Technologies, who discussed remote control and facilities management via IP systems.

Lunch was provided by Statmon Technologies.

Chairman's Chat**A Good Supplier**

By Matt Kinnan, CEV CBNT

For years now I have planned, designed and maintained many audio and video systems. I'm sure you have done the same and know that planning and designing are always the most exciting part of the process. Even the installation can be rewarding when everything comes together just as planned. If you have done your planning well and performed a clean installation, you probably won't

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: chrisc@rell.com

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 • 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

www.evsinc.com

e-mail: sales@evsinc.com

have much maintenance other than the routine items. Adding a new system or piece of equipment will always have a few challenges; some will be financial, some logistic, but many times the challenge involves the supplier.

Finding a good supplier is like finding a good car mechanic: once you find a good one consider yourself lucky. A good supplier should be helpful, but not pushy; honest, but not a know-it-all. If you get a call from your supplier making sure your order made it and your installation is going well, then you know you have the right guy. If your supplier returns your phone call even when there's a problem, you have the right guy.

Make sure he fully backs what he sells, and make sure you have a delivery date before you sign the purchase order. A good supplier can make your next project a success or a nightmare, so make sure you have a supplier you can trust. If you're not sure you have a reliable supplier, then ask a colleague—like one of us in the SBE.

Please join us this month for our meeting, we would like to see you there.

SBE Relaunches Website

The Society of Broadcast Engineers launched a newly designed and improved website on Oct. 31. The new site, which retains the www.sbe.org address, features improved navigation, more functionality and modern Web design.

Among the new functions available will be an online application for new members and online ordering capability of SBE books and logo items. The SBE website will continue to feature the popular SBE Jobs Online, SBE Resume Bank and SBE Contract Engineer Directory as well as information about all of the SBE's services and programs. The website will include a number of items for members only, including a member search feature.

Remarking on the new website during the Society's recently completed national meeting, SBE President Chriss Scherer, CSRE CBNT, said, "The relaunch of the SBE website provides a better organization of the information already available, and it allows us to enhance the services to our members and the industry. It's not simply a cosmetic update; it creates a new foundation for us to build upon."

Battle Over Digital Broadcast Flag Back on Hold

Opponents of the digital broadcast anti-copy flag received a reprieve last week as Congress moved a bill mandating a hard analog TV cut-off forward without a proposed amendment that would have attached a digital copy flag

requirement for TV and radio broadcasters. But a pledge to support separate legislation requiring use of the flag by a bipartisan group of congressional representatives left little doubt that the issue won't surface again—and soon.

Congress took up the anti-piracy flag issue in the wake of an appellate court's decision that the FCC exceeded its authority when it required TV broadcasters to apply flag security technology to digital TV content.

Gigi Sohn, president of the lobby group Public Knowledge, expressed her pleasure that the flag amendment had not moved forward, suggesting that "the [Commerce] Committee should have an in-depth examination of [the] issues as part of its regular order" and that her group would welcome such a debate.

Public Knowledge, along with other consumer and industry groups, opposes the flag requirement, saying that it would unduly restrict fair use of broadcast programming by end users.

WBUZ Adds FM Extra

Interested observers in America's country music capitol received a different slant on IBOC digital radio this week, courtesy of WBUZ, a Class C FM broadcast station operating with a Digital Radio Express (DRE) FM Extra digital encoder.

WBUZ Chief Engineer David Wilson installed the Digital Radio Express encoder to demonstrate the system's digital multicast capability before a fall meeting of the International Idea Bank. Also in attendance at the installation were Bernie Wise, president of Energy-Onix, and Bud Walters, president of Cromwell Radio Group, owner of WBUZ.

Transmitting two digital stereo program channels and one RBDS signal, in addition to analog stereo program audio, WBUZ's signal was reportedly received and decoded successfully in an area said to be prone to multipath reception. The transmission chain consisted of the station's existing Mosley analog STL, Energy-Onix 25kW transmitter and analog studio equipment.

The WBUZ transmitter is located about 40 miles from the site of the meeting in downtown Nashville.

FCC Updates FRN Features

The FCC implemented two online enhancements at the end of September.

- Online FRN Password Reset allows users to reset their FCC Registration Number (FRN) password online via the



BELDENCable™

Duane Selby

Sales Representative

Belden CDT Inc.
Electronics Division
2844 SW Carlton Drive
Lees Summit, MO 64082
www.belden.com

Telephone: 816-525-2323
Facsimilie: 816-525-2241
Cell: 816-665-2445
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
jshaw@everestkc.net

Continental Electronics™



Michael Troje

Regional Sales Manager



4212Buckner Blvd.
Dallas, TX 75227
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 Tpresley@kc.rr.com

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

Commission Registration System (CORES)

• Call Sign/FRN Association provides users with self-service tools within the Universal Licensing System (ULS) to help manage the association of call signs, antenna registration numbers and FRNs.

To reset an FCC Registration Number (FRN) password, users previously had to contact the FCC support staff. A forgotten password can be reset by establishing and then using a personal security question (PSQ) and answer. To register for an FRN or to update a current FRN with a new PSQ and answer visit www.fcc.gov/frnreg.

There are ULS call signs and antenna structure registration (ASR) numbers that are not currently associated with an FRN. Licensees who wish to update or renew licenses and ASR numbers must associate their call signs and registration numbers with their FRN.

To ensure that call signs or ASR numbers are accurately associated with the FRN, visit wireless.fcc.gov/uls. Click the License Search button for ULS call signs and the ASR button, then Search Registrations button for ASR numbers.

PROFESSIONAL VIDEO SUPPLY INC

Brad Bartholemew
President



9201 Cody
Overland Park, KS 66214 E-mail: bradb@pvske.com

(913) 492-1787
FAX (913) 859-0787



RF Specialties®
OF MISSOURI

Christopher L. Kreger
Vice President & Secretary

22406 NE 159th 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.

Petition Seeks to Create Low Power AM Service

On Aug. 19, 2005, five parties filed a petition for rulemaking with the FCC to establish a low-power AM (LPAM) radio service. The FCC has opened Docket RM-11287 to address the petition. Similar to low-power FM in some ways, the AM proposal asks for the service to allow commercial operation. LPFM service is noncommercial. An official rulemaking has not yet been issued, but the FCC is accepting comments through Nov. 21.

The LPAM proposal was submitted by a group led by the Amherst Alliance of Michigan that includes the Michigan Music is World Class Campaign, the LPAM Network of Maine, Nikolaus E. Leggett of Virginia and Don Schellhardt of Hollins University. Schellhardt and Leggett also participated in the creation of the LPFM service in 2000. The filing can be read at www.recnet.com/fcc/RM-11287_petition.pdf.

The petitioners suggest that the low-power AM radio service would complement LPFM. LPAM should serve localities with better community coverage, expanded exposure for local performers and affordable radio advertising for small, local businesses. The petition cites the need to make LPAM a commercial service because the AM band is not as popular as the FM band, and stations will need the commercial revenue to survive. The petition also argues that commercial rates on LPAM must be affordable to the potential local advertisers.

The petitioners agree on many of their operational points for LPAM, but disagree on the maximum licensed power level, which varies from 100 watts to 250 watts.

Radio magazine sees this latest petition as an effort to obtain the type of low-power service that was originally sought when LPFM was created. Unfortunately, the AM band is already plagued by interference from electrical noise and other factors, which the petitioners seem to have ignored. The proposal to license stations by using an assumed power level that is five to 10 times more than the licensed power level provides some margin to reduce potential interference.

The FCC docket is RM-11287.

Cumulus to Acquire Susquehanna Radio

Cumulus Media has formed Cumulus Media Partners, a

Next EAS Required Monthly Test: November 29
The RMT is sent on the last Tuesday of the month

private partnership of Cumulus Media, Bain Capital, The Blackstone Group and Thomas H. Lee Partners, to acquire the radio broadcasting business of Susquehanna Pfaltzgraff Co. Cumulus Media Partners has entered into a definitive agreement to acquire Susquehanna Radio for about \$1.2 billion. Cumulus Media will provide management services to the partnership. The transaction is expected to be completed in the first half of 2006.

Susquehanna Radio is the largest privately owned radio broadcasting company in the United States and the 11th largest radio station operator in terms of revenue. The group consists of 33 radio stations in eight markets including San Francisco, Dallas, Houston, Atlanta, Cincinnati, Kansas City, Indianapolis and York, PA.

Cumulus Media will contribute its two FM stations in Houston and two FM stations in Kansas City in return for its membership interest in the partnership. Cumulus Media will initially own about 25 percent of Cumulus Media Partners, with performance incentives that can increase that stake to about 40 percent. Pursuant to a management agreement, Cumulus Media will be paid a quarterly management fee.

Following the announcement, the BIA Financial Network revised its expected sales value of radio stations in 2005 from the previously projected \$2.0 billion range to a projected \$3.2 billion.

Separately, it was also announced that Susquehanna Pfaltzgraff has agreed to sell Susquehanna Communications, the cable TV and broadband services division of Susquehanna Pfaltzgraff, to Comcast.

FCC Amends EAS Rules, Seeks Further Comments

Washington - Nov 3, 2005 - The Federal Communications Commission issued a First Report and Order to help ensure that consumers using digital broadcast and subscription television and radio services have access to emergency alert and warning information. Noting the ever-increasing use of digital technologies, the First Report and Order expands the Commission's current EAS rules to include providers of digital broadcast and cable TV, digital audio broadcasting, satellite radio and direct broadcast satellite services. With the exception of Direct Broadcast Satellite (DBS) service, all affected entities must comply with these new requirements by Dec. 31, 2006. DBS services must comply no later than May 31, 2007.

The Commission also adopted a Further Notice of Proposed Rulemaking that seeks comment on how the Com-

mission can best help develop a next-generation alert and warning system that takes full advantage of digital media's potential. The Commission seeks comment on the type of system architecture and common protocols that would be required in such a system. In addition, the Further Notice seeks comment on issues relating to the participation of state and local authorities in the EAS system, and also asks how a next-generation EAS can more effectively reach individuals with hearing and vision disabilities. Finally, the Commission seeks comment on how the EAS rules should be revised to more effectively reach non-English speaking individuals. ☺



RICHLAND
T O W E R S

The Location. The Tower. The Technology.

Paul G. Raymond
National Sales

Two Urban Centre 4890 W. Kennedy Blvd., Ste 920 Tampa, FL 33609 www.RichlandTowers.com	Phone 765-215-7320 Fax 813-286-4130 Cell 765-215-7320 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

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
913.307.0333
545 E. John Carpenter Frwy, Ste 200
Irving, TX 75062



BROADCAST AUTOMATION SOLUTIONS

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 (913) 634-3071 bschneider@kcnet.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

November 10

IBOC Concepts and System Technologies
 Jack Stack Barbecue, Freight House

Upcoming meeting dates

Mark your calendar now

December 8

January 12

February 9

March 9

April 13

May

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