



**Meeting Notice**

**Thursday, December 10, Zarda Barbecue**

11931 W 87 Street; Lenexa, KS; 913-492-2330

Gather at 11:30 a.m., lunch served at 11:45, meeting at noon

*IP Audio Coding.* Chris Crump from Comrex will discuss IP audio coding for transmission of broadcast-quality audio. The discussion will include an overview of BRIC (Broadcast Reliable Internet Codec) Technology and how it enables broadcasters to use the public Internet to transmit reliable, real-time, high quality and fully bi-directional audio. Since BRIC Technology was first introduced in 2005, Comrex has added several features to its Access product line, including the BRIC Traversal Server and the new BRIC-Link codec for dedicated links. Applications such as STL/dedicated studio links utilizing ISM band radios, satellite data services and high-speed wired or wireless dedicated IP data circuits will also be discussed. Crump will also cover the Comrex BRIC UDP Transmission Enhancement (BRUTE ), which provides UDP reliability and congestion avoidance on difficult data circuits such as Wi-fi and 3G wireless data services.

Lunch will be provided by Comrex. Join us in the meeting room located in the back of the restaurant. ○

**Last Month's Meeting**

*By Ben Weiss, CPBE*

The November meeting of SBE59 of the Society of Broadcast Engineers was held Nov. 12, 2009 at Don Chilito's Restaurant in Mission, KS. There were 9 in attendance. Dave Buell, chapter vice chairman, was in charge.

Buell opened the business meeting at 12:09 p.m. Ben Weiss read the minutes of the October meeting. Then Weiss provided the treasurer's report. The motion to accept the minutes and the financial report was by Kirk Chestnut and the second was by Chriss Scherer. Passed.

Kirk Chestnut, KC area EAS chairman, remarked that there have been no recent EAS issues in the market. There was a brief discussion regarding the NAL issued by the FCC to San Clemente, CA, station KWVE for failing to properly execute an EAS RMT. KWVE is the LP-1 for the area and the station operator inadvertently sent a RMT without the closing EOM. The FCC considered the error an infraction serious enough to stick the station with a \$5,000 fine. Since stations across the nation agree to be LP1 or LP2 stations on a voluntary basis the question was posed as to why any station would want to subject themselves to a potential FCC fine if something goes wrong with a monthly test. [Note – the FCC has since rescinded the fine and admonished the licensee for the error.]

Chriss Scherer, chapter certification chairman, indicated that Dec. 31 is the deadline to register for the February certification exams. Scherer, who serves on the SBE national board of directors and is the chapter liaison to SBE59, then presented the SBE award for best chapter website to John Gray. Scherer had accepted the award on behalf of Gray and the chapter at the annual SBE national convention in Verona, NY.

The motion to adjourn was by Chriss Scherer and the second by John Gray.

Greg Best, consulting engineer and chapter member, pre-

sented the program that addresses the proposed FM IBOC digital power increase and he demonstrated FM IBOC mask measurements using a Rohde & Schwartz ETL spectrum analyzer.

**Next EAS Required Monthly Test: Dec 29**

The RMT is sent on the last Tuesday of the month.

**Chairman's Chat**

**Season's Greetings**

*By Robin Cross*

As I am writing this it is Turkey Day eve. Then Christmas will be upon us. I hope your station has had an abundance of commercials in preparation for the shopping season. We thank the sponsors of SBE59 for their support. I hope that you had a wonderful Thanksgiving and will have wonderful holidays. Member number 10563: Congratulations. Contact me for your prize.

**Newsletter Changes in 2010**

This is the last issue of The Communicator as a full newsletter. The main function of the newsletter has always been to inform chapter members and guests of upcoming meetings, with the added benefit of sharing news and information about chapter events and activities as well as SBE activities. This information is still important, and has always been available at the chapter website, sbe59.org, and the website allows us to provide the information in a more timely fashion.

Next month, you will receive a postcard with the details of the monthly meeting. The chapter thanks the sponsors who have supported this newsletter over the years. Please support them and thank them for their past support of SBE59. ○

| Certification Exam Dates |               |               |
|--------------------------|---------------|---------------|
| Exam Date                | Location      | App. Deadline |
| Feb 5 - 15, 2010         | Local Chapter | Dec 31, 2009  |
| Apr 13, 2010             | NAB Show      | Mar 26, 2010  |
| Jun 4 - 14, 2010         | Local Chapter | Apr 16, 2010  |



**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.

**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




**STEPHEN DINKEL**  
 Director of  
 North American Sales

800-255-8090 EXT. 700  
 816-554-7081 DIRECT  
 816-554-7086 FAX  
 steve@burk.com

2120 SW CEDAR HILL LANE  
 LEE'S SUMMIT, MO 64081



**Miranda Technologies Inc.**  
 3499 Douglas-B.-Floreani  
 Montréal (Québec)  
 Canada - H4S 2C6

**Kurt Caruthers**  
 Director of Sales, Central Region  
 10842 West 156th Terrace  
 Overland Park, KS 66221

Tel: 514.333.1772  
 1.800.224.1772  
 Fax: 514.333.9828  
 www.miranda.com

Tel: 913.814.0304  
 Cell: 913.558.8543  
 Fax: 913.814.0516  
 kcaruthe@miranda.com

**Ellis Terry**  
 Regional Sales Manager, Western US



5053 Dancing Lights Ave  
 Las Vegas, NV 89130-7202  
 US Toll Free: 1 800 766 8817  
 US Office Direct: 1 702 395 3036  
 Nautel Office: 1 877 662 8835 x5764  
 Fax: 1 702 395 3071  
 ellis.terry@nautel.com

**Making Digital Radio Work.**

**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

| Upcoming Chapter Meetings and Events  |   |
|---|---|
| <p><b>December 10</b><br/> <i>IP Audio Coding</i><br/>                     Chris Crump, Comrex<br/>                     Zarda Barbecue Lenexa</p> | <p><b>February 11</b><br/> <b>March 11</b><br/> <i>Chapter Elections</i><br/>                     Entercom Communications</p> |
| <p><b>January 14</b><br/> <i>KCPD Crime Lab Tour</i><br/>                     Kansas City Police Department</p>                                   | <p><b>April 8</b><br/> <b>May 13</b></p>  |
| <p>Do you have a suggestion for a program topic? Please share it with John Gray.</p>  |   |

**SBE59 Officers**

**Chairman** ..... Robin Cross ..... KCUR-FM ... 816- 235-2880 ..... crossr@umkc.edu  
**Vice Chairman** ..... Dave Buell, CEV ..... University of Central Missouri ... 660-441-7421 ..... dbuell@ucmo.edu  
**Secretary/Treasurer** ..... Ben Weiss, CPBE ..... Weiss Enterprises ... 816-353-1792 ..... bhweiss@comcast.net  
**Past Chairman** ..... Matt Kinnan, CEV CBNT ..... Taketwo Productions ... 816-471-6554 ..... mkinnan@taketwo.tv

**SBE59 Committees**

**Certification** ..... Chriss Scherer, CPBE CBNT ..... Radio magazine ... 913-967-7201 ..... cscherer@sbe.org  
**EAS K.C. Operational Area** ..... Kirk Chestnut, CPBE ..... Entercom Kansas City ... 913-744-3903 ..... kchestnut@entercom.com  
**Frequency Coordination** ..... Chris Castro, CBT ..... KSHB-TV ... 816-932-4304 ..... castro@kshb.com  
**Newsletter** ..... Chriss Scherer, CPBE CBNT ..... Radio magazine ... 913-967-7201 ..... cscherer@sbe.org  
**Programs** ..... John Gray ..... V-Soft Communications ... 913-871-9405 ..... jgray@v-soft.com  
**Website** ..... John Gray ..... V-Soft Communications ... 913-871-9405 ..... jgray@v-soft.com

Chapter 59 e-mail: sbe59@yahoo.com

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



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