

Meeting Notices**Thursday, August 14, Lake Jacomo Shelter 6**

Blue Springs, MO

Gather at 5:00 p.m.; Dinner at 6:00p.m.

Annual Picnic. Our annual social gathering takes us to Lake Jacomo for a light evening of fun and food. Bring a lawn chair and a side dish, the chapter will handle the burgers, dogs, drink and the rest. Please RSVP by August 12 to Mike Douthat at 816-235-2880 or douthatm@umkc.edu.

Be sure to include the number of people joining you and tell us what your side dish will be. The Lake rents various water craft. If 15 people or more attend, a pontoon boat may be rented for a lake tour. A map of the lake area is included in this newsletter.

**Tuesday, August 26, KSMO-TV**

10 E. Cambridge Circle, Kansas City, KS

(913) 621-6262

3:00 p.m. to 7:00p.m.

Orban Mobile Lab Tour. The 33-foot Orban/CRL Mobile Broadcast Laboratory (MBL) provides tests and demonstrations of Orban and CRL products, and provides comparisons with other products. This vehicle is making stops around the country through the end of the year. The demonstrations will cover the basics of processing on-air audio and allow visitors to better understand the nuances of audio processing. ☺

Certification Dates		
Exam Date	Location	App. Deadline
August 15-25	Local Chapter	June 13
November 7-17	Local Chapter	September 26

Last Month's Meeting

We met at the studios of KCPT-TV for the Broadcast Antiques Road Show. Dr. Robert Lane, president emeritus of the Midland Antique Radio Collectors Club, appraised the entries. Dr. Lane Dr. Lane is also well versed in early Kansas City radio history.

Ben Weiss brought several items including a Brush model BK-401 reel to reel, a General Television table radio and a Brush G-20 sound cell microphone. These devices all date from the 1930s and 1940s.

Mike Douthat brought a wire recorder in spectacular condition. Kirk Chestnut brought a Bendex AM radio. Steven Metzger brought some vintage '70s-era, shoulder-mounted cameras.

More information on the entries including photos are available on the SBE59 website. Select *meetings* from the navigation menu.

We also had the opportunity to tour the KCPT studios and the KCTV transmitter facility.

Chairman's Chat

By Kirk Chestnut, CSRE

Cool Plans for a Hot Summer

Wow! Is it hot enough for you yet? Don't tell my boss, Mike Cooney, that I'm considering taking air conditioning classes at JCCC this fall. No, I'm not thinking of a career change, but it seems like you can never find an HVAC repair guy fast enough to service studio or transmitter site compressors. We had one of our two main compressors fail on the studio unit a couple of weeks ago, in the same week one unit failed in our technical operations center. Upon graduation, I intend to tear into my '94 Nissan Sentra A/C system and save about \$1,000 in cool cash. Believe me, it is a hot drive home on I-35.

Of course I stay cool by thinking about our upcoming picnic at Lake Jacomo in Blue Springs August 13. Hamburgers, hotdogs, chips, potato salad, drinks, games and fun are on tap as usual. An added twist this year is the opportunity to get out on the water. Lake Jacomo Marina rents everything from canoes and paddleboats to motorized bass boats and pontoon party boats. Attendees will have the opportunity to rent water craft if they wish. If we have 15 or more in attendance SBE59 will charter a pontoon boat for an hour tour of the lake.

Bring your sun block and a shady hat. Please RSVP to Mike Douthat at 816-235-2880 or douthatm@umkc.edu. Please list the names of attendees and what side dish

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you can bring, such as potato salad, chips, beans or dessert. SBE 59 will supply the meat, buns, condiments and drinks.

Speaking of classes, we have not abandoned the thought of getting discount rates at a tech school or community college near you. If Sam's Club can give a discount on a gallon jug of mayo, why not ask local schools for promotional rates on education? Many of you work for companies who will reimburse educational expenses. Some companies, like my own, will even pay for SBE dues. I am very grateful they do.

My goal as chairman is to help grow the SBE59 roster. I would love to see every director of engineering, chief engineer, assistant engineer, staff engineer, ENG/EFP/remote engineer, board op and intern become members of SBE59 with help from their company. In exchange, SBE59 could secure discounted tuition that would more than offset the cost of SBE dues not to mention the plethora of benefits already afforded to members.

EAS Required Monthly Test

August 26

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

In the mean time we'll do what we can to provide you with cost effective education namely:

September 11 Richard Fry, retired Harris FM applications engineer will informally demonstrate the use of NEC-2 to calculate radiation patterns of FM antennas, including the effects of the tower. Richard has written NEC models for common ERI, Dielectric, Jampro and Shively elements, and will show how their patterns typically evolve from a single bay, free-space shape to the final az/el patterns of an array on a tower. He will open with a Power Point slide show, then with NEC running on his laptop will give a further demo and answer questions. Following that, anyone who wants to can use the program.

October 9 Do you remember the last really cool Belden Wire and Cable seminar on Star Quad cable? Belden with Joseph Electronics plans to conduct (no pun intended) another technical luncheon for SBE and others interested in the science behind the wire. The topic is still to be determined so here is your chance to voice your request for a training topic. Call Heather Nichols at 816-524-0073 to tell her about topics you would like to have covered.

November 13 Rick Jennings of Comet Industries will sponsor a lunch on Emergency Generator Power Systems. This will be an RSVP event. Stay tuned for details.

Mark your calendar for the Nebraska Broadcasters Association/SBE 74 Convention Aug. 14 in Lincoln, NE. Five national speakers on digital radio engineering will be on hand to answer questions about current digital topics. Registration is due by August 5. Go to www.sbe74.org for details. There is no charge to attend, however the luncheon is highly recommended and costs \$20. Here is a rundown of the scheduled presenters.

- Jay Tyler, Wheatstone/Audio Arts; Digital Audio Consoles
- Todd Harrington, Gepco Wire & Cable; Wiring for Digital Audio
- Greg Ogonowski, Orban/CRL; Digital Processing for HD Radio
- Tim Bealor, Broadcast Electronics; HD Radio RF Considerations
- Bill Harlan, Electronics Research; FM HD Radio Antennas and Injectors

I encourage you to attend the Nebraska sessions if you can, otherwise we look forward to seeing you at Lake Jacomo on the evening of Aug. 14.

TV Station Ceases Analog, Goes Digital Only

On July 16, the FCC received a request from WNVT-TV, Goldvein, VA, to surrender its NTSC license for channel 53 and operate only using its DTV license on channel 30.

In a Report and Order, the Commission reallocated the use of television channels 52 to 59 for television use on a flexible basis. The Commission also stated that it would consider requests by incumbent broadcasters on these channels to voluntarily vacate their NTSC channels prior to the end of the DTV transition on a case-by-case basis.

The FCC's Media Bureau received the request from Commonwealth Public Broadcasting Corporation, the licensee WNVT-TV, to do just this.

SBE Adopts Fixed Link Coordination Policy

On June 14, 2003 in response to recent rulings by the FCC, the Executive Committee of the Society of Broadcast Engineers adopted a policy concerning frequency coordination of fixed-link BAS facilities. All SBE volunteer frequency coordinators are asked to read and adhere to this new policy, which provides guidelines to coordinators and will help to minimize liability exposure.

CPR and First Aid Training

The ability to provide first aid and CPR is a special skill that one hopes will never be needed. The chapter is making arrangements to host a course this summer. Please contact Chriss Scherer with suggestions for a training date. ☺



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Upcoming Meetings and Events

August 14 *SBE59 Annual Picnic*

August 26 *Orban Mobile Test Van Tour*

September 11 *Radiation Patterns Using NEC-2*

Late September *Kansas City Speedway and the MRN*

October 9 *Belden Electronics*

December 11 *RF Specialties and Wheatstone*