

**Meeting Notice****Thursday, October 9, Old Town Pizza**

14850 Metcalf; Overland Park, KS; 913-897-3905

Gather at 11:30 a.m.; lunch and meeting at 12:00 noon



*Audio and video flow in the digital domain.* Belden Wire and Cable is hosting our meeting, which features a presentation from Yohay Hahamy of Joseph Electronics. The presentation will discuss various wire and cable properties when transmitting digital signals. The focus will be on various cable types, how to best select a cable for a given purpose and methods on interfacing the cable with equipment. Joseph Electronics is also an equipment dealer and information on the products that the company carries will be available.

Lunch will be provided by Belden. Please be on time to help keep the meeting agenda on schedule. ☺

✂ Certification Exam Dates ✂		
<i>Exam Date</i>	<i>Location</i>	<i>App. Deadline</i>
Nov 7-17, 2003	Local Chapter	<b>CLOSED</b>
Feb 6-16, 2004	Local Chapter	Dec 31, 2004
Apr 20, 2004	NAB	Mar 2, 2004
Jun 4-14, 2004	Local Chapter	Apr 23, 2004

**Last Month's Meeting**

We met at Don Chilito's in Mission. The business portion was brief, but two matters were handled. The first item of business dealt with the chapter leadership. The chapter had an opening for a vice chairman. Chapter chairman Kirk Chestnut solicited volunteers and suggestions for a replacement. None were volunteered. Kirk then moved to appoint Mike Douthat as the chaoter vice chairman. The appointment was unanimously accepted by those in attendance.

The second item of business concerned the chapter website and e-mail services. Broadcast.net has provided these services to the chapter at no cost to us for several years. In August, Broadcast.net had a maojr router failure that disrupted our service for several days. A new router was purchased, but doing so has stressed the operating funds of Broadcast.net. Several SBE chapters have made donations to Broadcast.net for the past service. SBE59, after an online discussion and proxy vote followed by additional discussion at the meeting and a final vote, will make a donation to Broadcast.net in the amount of \$100.

Our program, presented by Richard Fry, a retired engineer from Harris, discussed the various types of FM antenna designs in use today and how their designs varied in radiation patterns. He showed the formulas used to calculate the vertical and horizontal radiation patterns and how to plug the variables into a computer program run-

ning the NEC. With this he produced a three-dimensional view of the radiation from a single bay. He also discussed the differences obtained from full-wave spacing and less-than-full-wave spacing of multiple-bay arrays.

**Chairman's Chat**

*By Kirk Chestnut, CSRE*

**The Communicator Interview**

What do you fear the most about your job? Does lack of ability, training or expertise scare you? Perhaps it's the thought of job loss in these economically tough times. I would dare say the one thing that most of us fear losing is time. How does one keep up maintenance when drawn in 50 different directions and feeding the ever-hungry "remote machine?"

When it came time for Entercom to make a four-station studio build-out, we realized that our staff would not be able to keep up with maintenance and a building project at the same time. We have contracted past projects, but much to our dismay RDA Systems in St. Louis (who we used in the past) is out of the studio-building business. It was then that Mike Cooney called upon Balsys Technology Group to come to our aid.

This was my first exposure to the company founded by Tom Bohannon and Larry Lamoray. They did an outstanding job and stayed on schedule and on budget. Tom along with a two-man crew did the basic studio installation except for the tie lines to our central equipment room.

It took the Balsys crew about two weeks to complete its part of our project. In that time, I learned much about this multifaceted company. I asked Larry Lamoray if he would tell us a bit about Balsys and the services offered:

KC: Larry, who is Balsys and what does the name mean?

LL: *Balsys stands for Bohannon and Lamoray Systems,*

