

**April Meeting****Tuesday, April 25<sup>th</sup> 2000****12:00 Noon****ORU Mabee Center, Mezzanine Level****7777 South Lewis Avenue,****Tulsa****April 2000**

## April Program

The April SBE Ch. 56 meeting will be held in conjunction with Tektronix's Seminar on Video Testing for the Digital Transformation. The Seminar is from 9am 'til 4pm with lunch provided. The location is the Oral Roberts University Mabee Center Mezzanine Level (7777 S. Lewis Avenue). Please enter by the East Door located next to KGEB's Emergency Generator.

The AM Session will cover topics such as Digital Component 601, Test Signal Applications, Diamond Display, Arrowhead Display, Eye Diagrams, SMPTE 292M.

The PM Session will cover: Picture Quality, MPEG Monitoring and Analysis, 8VSB Measurements, Solving Audio-Video Delay. Contact Kisha Neal at 800-852-4043 ext. 5056 or email her at [nikisha.neal@tek.com](mailto:nikisha.neal@tek.com). Look forward to an informative day and meeting.

~

Don't  
Forget  
to:  
**VOTE**

for Chapter 56 officers

## Short Circuits April 2000

A Monthly Update from the Society of Broadcast Engineers

### SIGN UP NOW FOR LEADER SKILLS SEMINARS

After three years of sponsoring five-day Leader Skills seminars for broadcast engineers, the Society of Broadcast Engineers, in cooperation with instructor Richard Cupka, is modifying the program for 2000. The shorter courses will make it less time consuming and expensive for people to attend.

The program will be split into two separate courses. Course I will be held, June 7-9 in Indianapolis and will provide the essentials to understanding leadership styles of yourself and others. It will provide the technical individual the basics on how to manage other people successfully. Course II, to be held August 16-18, also in Indianapolis, will pick up where Course I left off, going into further depth and providing the participant with a solid foundation to manage others.

The cost for each course is \$425, which includes instruction, materials and refreshment breaks. Transportation, hotel and meals are additional. Those wishing to attend Course II must have attended either Course I or any of the SBE or NAB sponsored Leader Skills programs held since 1965. Registration Forms are available in the March issue of the SBE SIGNAL and from the SBE National Office.

### NOMINATIONS SOUGHT FOR 1999 SBE AWARDS

Nominations are now being accepted for the 1999 SBE Annual Awards. Awards will be presented in 13 categories during the SBE National Meeting and Pittsburgh SBE Regional Convention, October 4, 2000 in Pittsburgh, PA. Chapter Awards will be presented in eight categories, including Best Convention or Conference, Best Chapter Newsletter and Best Chapter Website. For the first time, five of the Chapter Categories will have winners in two classes, recognizing achievement in both smaller and larger chapters.

There are five individual award categories, including Engineer of the Year and Educator of the Year. For more details and a nomination form, see the March issue of the SBE SIGNAL.

### MEMBERSHIP DRIVE IN HIGH GEAR

The SBE Annual Membership Drive, "One New Member" continues through *Continued on Page 3*

[www.broadcast.net/~sbe56](http://www.broadcast.net/~sbe56)

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**Richard Hardy, CBRE Frequency  
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Richardy Productions  
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FAX (918) 627-2328 7am-11pm

**Meeting Information**

Chapter meetings are held at 12:00 noon on the fourth Tuesday of each month, except December, Fountains Restaurant, 6540 South Lewis Avenue, Tulsa, OK  
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**SBE Ch. 56 Tulsa, OK meeting on March 28, 2000**

Gerald Weaver Called meeting to order

Minutes of previous meeting approved.

**Treasurers Report** - Since the last meeting four dues paying checks in the amount of \$330.00 were deposited in the Chapter checking account and one check was written for the February Newsletter, giving a balance, as of March 28, 2000 of \$2732.56

**EAS** - Roger Herring was on vacation so no EAS report was available

**Newsletter** - Bill Lee brought up the concept of Complimentary Chapter Memberships for Members who have retired from active Engineering Duties. Troy Cook and Dick Horan were approved for these complimentary memberships. It was also brought to members attention that invoices have been sent to the advertisers in the rear of the newsletter encouraging them to bring their accounts current.

**Internet Committee**- Ray Klotz was not present so no report was made.

**Frequency Coordination:**

**Below 1GHz:** Richard Hardy reported no new activity but mentioned that the BAS (Broadcast Auxiliary Service) utilizes FCC Form 601 now. He mentioned that only approximately 15 pages of the document apply to BAS.

**Above 1Ghz:** No new activity.

**Certification Report:** Jim Bowles was not present, Gerald Weaver noted that there is a new CBNT (Networking) certification. Al Fromm reported that he has achieved his CSRTE. Congratulations!

**Old Business:** Ballot for officer elections will be included in the April Newsletter. Please complete and bring to the next meeting.

**New Business:** It appears that the April 25 meeting will occur at the Oral Roberts University Mabee Center (Mezzanine Level) Tektronix is presenting a seminar on Digital, all our encouraged to attend. Please RSVP with Chris Noland of Tektronix or his assistant Nikisha Neal at 972-871-5064 as seating will be limited and lunch will be provided.

Chapter members were also encouraged to take Certification testing and to check the SBE website for test dates as well as the Chapter Newsletter.

**Program:** Gerald Chambers, Chapter Vice-Chairman and Richard Hardy gave a tour of the Cox Radio Studios at 71st and Yale Avenue.

*Continued from Page 1* May 31. Each member is asked to recruit one new member during that time. New member prospects can be co-workers, friends and associates in broadcast engineering or a related field. Some great prizes have been donated by many Sustaining Members, along with the Grand Prize of a "Trip to Mars", as in Mars, Pennsylvania, the suburban area of Pittsburgh where the SBE National Meeting will take place, October 4. The winner will receive a round-trip air ticket from within the Continental US to Pittsburgh, two nights stay at the Pittsburgh Sheraton North Hotel, complimentary ticket to the SBE National Awards Dinner and admission to the Pittsburgh SBE Regional Convention exhibits and technical papers. For more information, see the flyer mailed to all members in February, the March issue of the SBE SIGNAL or the SBE Web site, [www.sbe.org](http://www.sbe.org).

### **SBE INTRODUCES CERTIFIED BROADCAST NETWORKING TECHNOLOGIST**

The roll out has begun on SBE's new Certified Broadcast Networking Technologist certification program. The new program is designed to respond to the convergence of the broadcast and information technology fields. Applications are now being accepted to take an exam to become a SBE Certified Broadcast Networking Technologist. Terry Baun, CPBE, SBE National Certification Chairman, explains that the new certification level will delve into networks as much as possible without becoming specific to any vendor. Topics covered by the exams will include the basics of broadcast local area network installation, recognizing what a hub is, knowing what the different wire categories do and understanding the basic layers of network protocol common to all systems.

### **ENNES WORKSHOPS SET FOR ST. LOUIS, MO**

The Ennes Educational Foundation Trust, in cooperation with the Society of Broadcast Engineers, will present a one-day Ennes Workshop in St. Louis, MO on Saturday, June 17. The Workshop will be held in conjunction with the Missouri Broadcasters Association summer conference. The Workshop will be held at the Ritz-Carlton Hotel (changed from the Adam's Mark Hotel originally announced) in the Clayton area of St. Louis.

Register through the Missouri Broadcasters Association by calling (573) 636-6692. Cost is \$35 for members of SBE and the MBA and \$45 for non-members. Registration includes box lunch and breaks.

### **RENEW NOW TO AVOID LOSING MEMBER BENEFITS**

If you have not renewed your membership in the Society of Broadcast Engineers yet, you can still do it and preserve your benefits of membership, including insurance coverage, access to the SBE Job Line and discounts on workshops, seminars and books. Renewal forms were mailed in early February. If you have not received yours, contact Scott Jones at the SBE National *Continued on Page 4*

**Ham's Corner**  
**April 2000**  
**By Glenn Thomas**

It is time for all the spring yard work but remember to reserve time for the spring antenna work. While talking about antennas I wonder if you have seen the three new books advertised in QST in the April issue. I doubt if they plow any new ground but they just might bring to light some antenna ideas that have been forgotten. I know the XYL will question my sanity if I was to spend another 40 bucks for ham books after I spent 62 bucks plus shipping for hand books around Christmas time. But what the heck you have got to keep your interest up!

As I wait for an old friend up in Iowa to come on frequency this evening I am reminded it is spring time by all the static I am hearing to night. It may be too noisy to make a good contact. I did notice a few minutes ago it was nice on ten meters although there were not many signals on the band. The signals that were there were strong. We can always grouse about the cost of ham gear but believe me it is no higher than many other things.

I was to the dentist today and it don't take much work there to make a nice down payment on a new piece of gear. The heck of it is it does not seem to last as long as a nice new piece of ham gear. I have two transceivers that date back many years and they both work fine though not up to my current pride and joy, a FT©1000MP.

As I write this it is raining rather hard which seems to be the case rather often these days. I guess that is preferred to a drought. It dampens my enthusiasm for antenna work. Among other things I need to work on my antenna rotor which has just gave up the ghost and died. I think it is in motor starting capacitor.

The only problem the company is out of business and I can not find a capacitor to fit this piece of gear. I guess I will have to settle for an electric motor starting capacitor. The problem with that is those capacitors are designed for 110 volt service while the needed capacitor required is a 40V ac volt unit. The difference in physical size is a problem.

As usual the weather has cleared off and why not as this evening is the start of West Gulf Division convention here in Tulsa. I had been looking forward to this for some time. The weather is supposed to be fine for the days of the convention. However because of things beyond my control I will have to pass this convention. Well maybe next *Continued on Page 4*

Continued from Page 3 Office at (317) 253-1640 or kjones@sbe.org.

**CERTIFICATON EXAM DATES COMING UP**

Check the list below for the exam period that is best for you. For more information about SBE Certification, see your Chapter Certification Chair or contact Linda Godby-Emerick, Certification Director at the SBE National Office at (317) 253-1640 or lgodby@sbe.org.

<u>Exam Dates</u>	<u>Location</u>	<u>Application Deadline</u>
June 9-19	Local Chapters	April 21, 2000
August 18-28	Local Chapters	July 7, 2000
Nov. 10-20	Local Chapters	September 22, 2000

**MONTHLY HAMnet BRINGS SBE TO REMOTE AREAS**

At 8:00 pm EST, 0000 GMT, on the second Sunday of each month, SBE Chapter 73 takes the air. Hal Hostetler, WA7BGX, of Tucson, Arizona, is the control station for the "meeting." Updates on SBE activities are given each month and participants can discuss technical issues and visit. HAMnet was originally begun to help serve members who lived too far to attend meetings of any regular chapter, but any amateur operator is welcome and encouraged to participate. Look for HAMnet on 14.205 mHz.



Continued from Page 3 year. A word about the ham club that meets monthly at the Eastland Mall cafeteria. They meet monthly at usually a little before 12 noon on the third Tuesday of the month. Many old time hams attend each month and all ages are welcome. You will find them a friendly group. The first chance you get try and make it out for lunch. I have an antique at least an antique radio as far as I am concerned.

It is a MODEL 270 single sideband transceiver made by the Swan co. which is no longer in business. I used it for many years including driving my earlier linear. With out tuned inputs. The output of the transceiver matched up with the linear with out any trouble. Later it was replaced by an Omni D but it needed a tuned input. My pride and joy today has a tuner in the transceiver that works great.

I have a OMNI D which is in good shape with a ASTRON 20 Amp 12 Volt power supply. A Swan 270 which also runs and has an external solid state VFO. These two units for sale.

73S  
W5INU



If you would like to contribute to this newsletter please send your article to Bill Lee at:

KGEB Tulsa 53  
7777 South Lewis Ave.  
Tulsa, OK 74171  
or willilee@oru.edu



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**SBE Chapter 56  
Election Ballot for Chapter Officers**

**Chairman**

- Don Dobbs, CBTE-KOTV  
 \_\_\_\_\_

**Treasurer**

- Larry Miller, CPBE-KTUL  
 \_\_\_\_\_

**Vice Chairman**

- George Chambers, Cox Radio  
 \_\_\_\_\_

**Secretary**

- Bill Lee, CBTE-KGEB  
 \_\_\_\_\_

**Please detach and bring to the April Meeting. Noon, April 25, 2000 at the ORU Mabee Center, Mezzanine Level.**

Questionnaire:

Do you wish to have your address and / or e-mail list available for Sustaining advertising members, or OAB? Please reply to Bill Lee at :

SBE Ch. 56

PO Box 703155

Tulsa, OK 74170-3155

Or e-mail: willilee@oru.edu

**SBE Chapter 56 Membership Application/Renewal**

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

I wish to receive the Chapter 56 newsletter via email.

Renewal

Contact Me about advertising in newsletter

The SBE Chapter 56 Inc. Newsletter is published on the 16<sup>th</sup> of each month, except December, and mailed to members and other interested parties. A \$15 annual donation is requested to cover publishing costs.

Make checked payable to SBE Chapter 56, Inc., PO Box 703155, Tulsa OK 74170-3155. Other SBE Chapters may use excerpts, if attributed to the original author and this newsletter. The deadline for submitting articles is the 15<sup>th</sup> of each Newsletter month.



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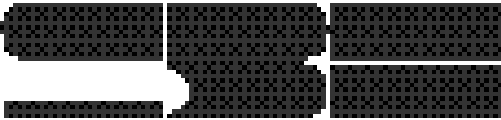


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