

September Meeting
Tuesday, September 26th 2000
12:00 Noon
Kendall Hall, Studio B
Tulsa University Campus,
Tulsa

September Chairman's Report By Don Dobbs

Last month, I was proud to announce that our local SBE Chapter was among several chapters recognized for outstanding achievements this year. Chapter 56 was recognized at the Chapter with the "Greatest Percent Growth in New Members in Class B." The class awards were split into two divisions, Class A which includes Chapters with less 35 members and Class B, Chapters with 35 or more members. We will be recognized at the SBE nationals Awards Dinner held during the SBE national Meeting in Pittsburgh, PA Wednesday October 4th.

The Oklahoma Association of Broadcasters Winter Conference is coming up on February 16th and 17th, 2001. We are planning to once again build on the tradition of offering an interesting line up of programs and speakers for local broadcasters. We will discuss our plans at the next chapter meeting.

Our local chapter needs volunteers to serve on several different committees. I will be calling on your support in the coming months to help us accomplish our goals. Our committees include, Frequency Coordination, Finance, Program, EAS, Internship, Nomination and Certification Committees. If you have any interest in serving on these committees, please let me know.

'Amber Plan' Activation Draws Concerns

The return of two young children to their parents only hours after their abduction has drawn praise for and raised question about the warning system that helped find them.

Monique and Demetri Collette were found Wednesday morning near Miami when a man spotted their mothers stolen vehicle after hearing the story on radio. Radio and television warned their audiences of the missing children under what's called the "Amber Plan."

The parents of the children are thankful to have their children back and say they think the system worked great. What they may not know is that the system failed to work outside of the Tulsa broadcast area.

"There may have been some breakdown in equipment," said Tulsa County Commissioner John Selph.

September 2000 Meeting

This month we'll be touring the University of Tulsa's radio and TV studios, learning the history of Oklahoma's first FM station, and seeing how TU broadcasting students have evolved from squinting through wooden cameras to producing cable shows.

Our luncheon will be in Kendall Hall's Studio B at the center of the TU campus. Take Harvard north to 5th place, turn left, and drive past the sorority houses to Florence. Park in the lot dead ahead or on the street nearby. From the junction of 5th Place and Florence, walk due south toward the tan irregular-roofed building, Kendall Hall. Take the left sidewalk and enter through the glass-door atrium next to the satellite farm and tennis courts.

Be prepared to answer questions from radio, television, and film students about why they should consider a career in broadcast engineering. And don't forget to bring information about jobs and internship opportunities in your facility.

"Based upon what the governor's office told me, apparently there was some delay in notifying the Oklahoma City media."

The kidnapers apparently traveled northeast on the Will Rogers Turnpike. Had they traveled towards Oklahoma City, the children may not have been found before something tragic happened. Officials are blaming it on a statewide network meant to notify all media outlets of an emergency.

"There was a glitch," said Carl Smith, Oklahoma Association of Broadcasters. "It went out of DPS okay, but it didn't leave the network and get out statewide."

The first step in the Amber Plan is for the activating agency, in this case the Tulsa Police, to determine the validity of the abduction. They say that took about an hour.

Then they contact the Department of Public Safety which activates the statewide emergency alert system through the Oklahoma Continued on Page6

www.broadcast.net/~sbe56

Don Dobbs Chairman

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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 Meeting Minutes

August 29, 2000

KTUL Ch. 8; Tulsa, OK

Chairman Don Dobbs called the meeting to order. Everyone present introduced himself or herself.

Meeting minutes

Meeting minutes from the July meeting as published in the August newsletter were approved.

Treasurers Report

Larry Miller reported that dues along with a rebate payment totaling \$604.25 were deposited. A check for the July newsletter expenses of 458.35 was paid out as well as \$20.00 for a lunch payment shortage, to the Fountains Restaurant, leaving an account balance of \$3,727.92 on August 29, 2000.

EAS Report

Roger Herring reported no new news regarding EAS.

Frequency Coordination

Richard Hardy was not present no report for below 1 GHz.

Above 1 GHz, Larry Miller reported KOTV used a 7 GHz frequency for a remote during last Tuesdays election coverage.

Newsletter/ Secretary

Bill Lee reported no new news.

Internet Committee

Gerald Weaver reported no new news.

Membership Committee:

Jim Bowles reported that there is until September 22, 2000 to sign up for the November 10-20 testing period.

Old Business

None.

New Business

Don Dobbs reported that Chapter 56 was recipient for greatest growth in new members for a SBE Chapter in 1999, the award will be presented at the National Meeting October 4, 2000.

Larry Miller presented a summary of the Seminars at

By Glenn Thomas

Now we are on the last half of the year 2000. It seems like such a short time ago we were just thinking about the year 2000. How much a change is there today as compared to the year say 1950? I have nothing of any real significance from that time except a Swan 270 which sets on my operating desk. Yes, it works and not too bad. Although there is an external VFO which is solid state the transceiver is tube type and once in a while I tune it up just to see if it still works. It does have a respectable output of about 270 watts.

How many of you remember the Swan 500 with its big signal? It was supposed to be a 500 watt rig using a pair of receiving tubes in the final. As I never had one of those rigs or the opportunity to operate one I have very little knowledge of their capabilities. How ever if they run like the Swan I have I would have to think they were good solid rigs. How many different rigs, receivers, linear, antenna tuners have we seen move through the ham stores?

For that matter how many ham shops are still in business? A look through QST or CQ will answer that question. I guess the answer to that question, is a simple one, you must roll with the flow. I had lunch with a old time ham, Bert Gunn who for many years was the manager of the Radio Inc Ham shop. He is 95 still working some ham radio and getting out to the ham meetings. I wonder if I will be around at that age, Hi Hi. I notice many of the hams are middle age or older but on the other hand I don't operate low powered CW and very little 2 meters or 40 meter CW.

40 is the one band that is open most every day. On the weekend I heard a ham swap or sales mart going on 40. The prices they quoted were not bad but then condition of the equipment would decide what the deals are worth.

I got a letter from a amateur in California asking

if I had any old time tube ham gear or hand books etc. It just happens I have a little tube type gear and a number of old ham handbooks. I think one dates back to 1938 a year after I graduated from highschool. Besides that one I guess that cabinet has probably another 20 handbooks. I have the new ones here in the ham room. The new ones are not as interesting as the ones in past years.

The current hand books have more theory and explanation of the circuits. I guess in the old days they gave us the ideas and some circuit diagrams and expected we little people to make them work. That guy from California included a Email address so maybe I will get up enough energy to put together an answer. I finally got the ambition to check the cabinet which held my old books. I counted over 16 handbooks plus some short books on related subjects besides some ARRL handbooks but their covers were not as good as the Editors & Engineers handbooks. The oldest was a 1936 Editors & Engineers handbook and one also from 1939 plus small books on related subjects.

I remember getting many hours of pleasure browsing through those hand books dreaming of the equipment I would build! But then I took a detour through broadcast radio which left little time for that. I did put together a low powered CW rig while living in Virginia working some 80 CW then finally getting on the air here in Oklahoma a number of years later. Those were the years when we worked three jobs to be paid for one just happy to have a job that paid the bills. I have no regrets

except I never made a million, in which case the tax man would of got a healthy chunk of it.

During those years we didn't do much operating as there was little spare time and I spent a lot of time working on transmitters and studio equipment. No, I am not unhappy as I did enjoy working with the equipment and even the time we worked on the air. For the pure pleasure of the job I don't think there was any thing I would of enjoyed more. While tuning across the twenty meter band I happened on to a conversation between a W5 and a W3. The W5 was telling about a scout troop meeting and how he had not had time to go home and change so had just went to the meeting in uniform. Then mention his office was in the Pentagon then went on to tell the W3 as he went by the building he saw a new looking helicopter setting there without any markings saying who owned it or who it was attached to. He then speculated how much it cost the government for somebodys toy. I remember being to Washington and wondering if all them buildings were really needed.

73'S
W5INU



The SBE Chapter 56 Inc. Newsletter is published on the 16th 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 15th of each Newsletter month.

SBE's Short Circuits
SEPTEMBER 2000

A Monthly Update from the Society of Broadcast Engineers

This issue of SBE Short Circuits features news for you and all SBE members. Please feel free to use the information contained in this newsletter for announcements at meetings and in your chapter newsletter.

John L. Poray, CAE
Executive Director

SBE REGIONAL CONVENTION SCHEDULE

Five regional conventions and conferences are held in September and October. Some are free to engineers while others have a registration fee. All offer technical paper programs and equipment exhibitions. For more information, go to the SBE web site, www.sbe.org and click on the Conventions and Conferences page.

September 14 -15 Central New York Regional Convention, Verona, NY

October 3-4 Pittsburgh SBE Regional Convention/SBE National Meeting, Mars (Pittsburgh), PA

October 12-13 Electronic Equipment Expo, Seattle, WA

October 12 Arizona Broadcasters Assn./SBE Chapter 9 Regional Convention, Phoenix, AZ

October 17-19 Broadcasters Clinic & Upper Midwest SBE Regional Convention, Madison, WI

NATIONAL MEETING SET FOR MARS

The 2000 National Meeting of the Society of Broadcast Engineers will be held at the Pittsburgh Sheraton North in Mars, Pennsylvania, October 3-4. The Sheraton is 17 miles north of downtown Pittsburgh on I-79 at the Pennsylvania Turnpike. The National Meeting is being held in conjunction with the Chapter 20 SBE Regional Convention. The Regional Convention features over 45 exhibitors and a full day of technical paper presentations. There is no cost to attend for engineers, other than a \$10 ticket required to attend the National Awards Reception and Dinner on October 4. For more information about the National Meeting, see the September issue of the SBE SIGNAL or the SBE Web site.

CERTIFICATION EXAM DATES FOR 2001 SET

The SBE Certification Committee has established exam dates for 2001. 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 Emerick, Certification Director at the SBE

National Office at (317) 253-1640 or lgodby@sbe.org.

<u>2000 Exam Dates</u>	<u>Location</u>	<u>Application Deadline</u>
Nov. 10-20	Local Chapters	Sept. 22, 2000

<u>2001 Exam Dates</u>	<u>Location</u>	<u>Application Deadline</u>
Feb. 9-19	Local Chapters	December 31, 2000
April 24	NAB	March 23, 2001
June 8-18	Local Chapters	April 30, 2001
Aug. 17-27	Local Chapters	July 9, 2001
Nov. 9-19	Local Chapters	September 28, 2001

SBE ELECTION SEPTEMBER 7

SBE national election ballots will be counted on Thursday evening, September 7 at the SBE National Office. A Board of tellers made up of members from Chapter 25 in Indianapolis will tabulate the votes. Announcement of the winners will be released the following day and will be posted on the SBE web site, www.sbe.org. The newly elected officers and board members will be installed during the SBE National Meeting in Pittsburgh, Pennsylvania on October 4.

CHAPTERS ENCOURAGED TO HOLD STUDENT NIGHT CHAPTER MEETING

Each SBE chapter is encouraged to plan and hold one student night chapter meeting during the school year. High school age students are invited to a regular meeting of the chapter but a special program is held to inform students about broadcast engineering as a career. Information on how to plan your Student Night is available from the SBE National Office.

LEADER SKILLS SEMINAR COMES TO ATLANTA

The SBE Leader Skills Seminar will be held in Atlanta, Georgia with Course I, "The Framework of People Skills" November 29 - December 1 and Course II, "Expanding Your People Skills" February 14 - 16, 2001. Our course instructor will be Richard Cupka, who has presented leader skills training to broadcast engineers for more than

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

Meeting Minutes Continued Texas Association of Broadcasters.

Jack McCoy was introduced and spoke on the benefits to Broadcasters on Alternative Inspection Program being presented by OAB. He mentioned the information and training benefits of the program. Jack also spoke of Tower Light outage procedural changes by station to the FAA (Tower Registration number is to be used and must be cancelled or renewed in 15 days). The NOTAM will expire automatically in 15 days hence the need to cancel the NOTAM if repaired before 15 days, or renew to prevent a hazard.

Don Dobbs announced that a \$1000.00 scholarship to College has been awarded by SBE to Eric Stearns.

Today's Program:

John Leahy of NEC presented a live demonstration of COFDM microwave transmission using MPEGII and data rate of 8 to 16 MBps. Latency is in the range of 320 to 500 mS so some adjustments to live shot IFB needs to be made. The system uses a 5 dBi omnidirectional antenna and works best with a quad horn microwave receiver. A practical demonstration from downtown Tulsa was made in locations not able to be shot with conventional ENG microwave trucks (with out double hops). Mobile transmission worked well, despite the narrow beamwidth of the Channel 8 ENG receiver.

What kinds of things would interest you at our monthly meetings? There is a list of possible topics on page four. Please read through them and make a suggestion. Did you just renovate a studio or install new equipment? Share what you learned give a demonstration yourself or write a short article for the newsletter.

Contact: Don Dobbs or Bill Lee

Short Circuits Continued 30 years. Students interested in taking Course II must have completed Course I or any of the previous Leader Skills Seminars presented by SBE or NAB since 1965.

The cost for Leader Skills Course I in Atlanta is \$490, which includes instruction, materials and refreshment breaks. Transportation, hotel and meals are additional. The seminar will be held at the Courtyard Marriott Atlanta Midtown. A special room rate of \$99 has been arranged for those needing overnight accommodations. To register for either course, call Angel Bates at the SBE National Office, (317) 253-1640 or e-mail her at abates@sbe.org . Deadline to register for Course I is October 31. Deadline to register for Course II is January 15.

SBE RESUME SERVICE

Have you ever wondered how to get your resume into the hands of organizations with openings in your field?

Let SBE help with our Resume Service, available to current SBE Members at no charge. Organizations can use the SBE Resume Service to fill your broadcast industry positions for a processing fee of \$25. For more information, call the SBE National Office at (317) 253-1640 or e-mail Angel Bates at abates@sbe.org.

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Amber Alert Continued News Network. The alerts reach Oklahoma broadcasters through a box owned by every radio and television station in the state.

The state requested a test of this Emergency Alert System back in November, but was denied by the Federal Communications Commission. That meant Tuesday night's activation of the system was the first time it's ever been used.

Some stations around the state say they received cryptic alerts. The Oklahoma Association of Broadcasters estimates 60 percent of Oklahoma's stations never even received the alert. That's well short of the statewide goal of perfection.

"We want that to be right at 100 percent," said Selph. "We need to be assured that everyone is receiving that alert." Selph does say the plan worked well, but it could work better. "We need to do whatever can be done to make sure that it works at 100 percent capacity," said Selph.

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The **SBE Job Line** service was developed to assist our members in locating available broadcast engineering positions throughout the country. The Job Line can be accessed as a voice recording at (317) 253-0474.

If you have a job opening you wish to place on the SBE Job Line, please fax, e-mail or mail the job description, along with the contact information, to Scott Jones at kjones@sbe.org in the SBE National Office in Indianapolis or fax (317) 253-0418. We will keep the position posted for our members to access for two months or until you notify our office that the position is no longer available. The Job Line information is updated weekly on Thursday mornings. The deadline for getting a posting to us for the week's update is Wednesday evenings.

There is no charge to employers to list a position on the SBE Job Line. If you have any questions concerning the SBE Job Line, please call us at (317) 253-1640.

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

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