

On Tuesday May 23, Pinnacle Systems will present a program that will feature their new product line.

Pinnacle Systems is one of the fastest growing companies in our field. They have acquired companies like Hewlett Packard (video server division), Targa, Dubner, Miro, and Puffin. Their shared technology is pushing the development of products that impact broadcasters.

At NAB they were showing non-linear high definition editing, live web streaming, and DVD authoring. Their PDS 9000 digital production switcher was among the highlights of the NAB show. This switcher is a 2.5 ME, 10-Bit Component Digital Live Production Switcher with 40 inputs, 20 outputs, 19 internal multi-page frame stores, 9 internal DVE's and 8 Aux buses for \$99,990.

At the presentation, we will be introduced to the people that sell and support broadcast products in our area. They will have a Media Stream Video Server, and will make a presentation on other Broadcast Products.

~

Congratulations to this years officers!

Don Dobbs, Chairman
George Chambers, Vice Chairman
Bill Lee, Secretary
Larry Miller, Treasurer

SBE's Short Circuits MAY 2000

A Monthly Update from the Society of Broadcast Engineers

SIGN UP EXTENDED FOR LEADER SKILLS SEMINARS

Registration has been extended through May 22 to sign up for Course I of the SBE Leader Skills Seminar. Course I will be held June 7-9 in Indianapolis, providing the essentials to understanding leadership styles of yourself and others. It will offer the technical individual the essential skills on how to manage other people successfully. Course II will be held August 16-18, also in Indianapolis. It will pick up where Course I left off, going into further depth and providing the participant with a solid foundation to manage others in a broadcast engineering setting. Deadline to sign up for Course II is July 10.

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. Course presentation is subject to minimum attendance requirement.

AWARD NOMINATIONS DUE BY JUNE 1

Nominations are 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. Award Nominations should be received at the SBE National Office by June 1.

MEMBERSHIP DRIVE ENTERS HOME STRETCH

The SBE Annual Membership Drive, "One New Member" continues through May 31. Each member is asked to recruit one new member during that *Continued on page 3*

www.broadcast.net/~sbe56

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**Richard Hardy, CBRE Frequency
Coordination**

Richardy Productions
Voice (918) 627-2937
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
Entire Contents © 2000 SBE Chapter 56, Inc.

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SBE Ch. 56 Meeting Minutes

April 25, 2000

The Oral Roberts University Mabee Center Tulsa, OK
Chapter Chairman Gerald Weaver called meeting to order.

Meeting minutes:

Meeting minutes from the March meeting as published in the April newsletter were approved.

Treasurers Report:

Larry was not present

EAS Report:

Roger Herring was not present

Frequency Coordination:

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

Above 1 GHz: Larry Miller was not present

Newsletter:

Bill Lee reported that he will bill sustaining members once more if they do not pay their bill, their advertisement will be dropped.

Internet:

Ray Klotz was not present so no report was available.

Old Business:

Election of Chapter Officers was held. Chairman elected was Don Dobbs, Vice Chairman elected was George Chambers, Treasurer elected was Larry Miller, and Secretary elected was Bill Lee.

New Business:

It was announced that the next meeting is scheduled for the Fountains Restaurant, in Tulsa, OK. As the meeting was held in conjunction with Tektronix's Digital Seminar.

Today's Program:

Tektronix hosted a daylong seminar on Video Testing for the Digital Transformation, lunch was also provided. Compression techniques were reviewed along with means to measure quality, etc.. Transporting High Definition and Standard Definition serial digital video; along with measurement techniques were discussed also

The Hams Corner

by Glenn Thomas

Gosh, it looks and sounds like the spring storm season is really with us. I hope it won't be too bad a spring. We did have a bad storm here in Tulsa last night. But I guess we can just expect this kind of weather this time of year for at least the next two months.

School will soon be out and all those school zones that cause the slowing of traffic will be out till fall. I don't mind them and I do enjoy seeing all the school children on the streets. May a good part of them turn in to hams. Ha Ha.

I have been reading the last QST magazine and one thing I really notice is the changes in its contents. There is less and less construction articles and more news and short stories along with general news articles. I can't say it is all bad in fact I think I will enjoy the direction the magazine is moving. I realize the day of great construction articles are a thing of the past or at least much reduced. If you have been looking for parts you will understand the way construction of receivers and transmitter is going. One thing we can build is antennas, that is if we keep them simple.

I am having trouble with the rotor on the beams and I am about to decide to pull all the beams down and go the way of an antenna tuner with at least two wire antennas. Of course in about three months I would be ready for the beams again. In the past I always used wire antennas with great success. I will admit I have had great success with the

beams especially on 10 meters. On forty meters I have a half wave dipole which seem to work really good with out problems for 2,10,15 and 20 I use a triband beam and a eight element beam on 2 also on 2 I have a half wave ringo ranger. The ringo works so well I usually use about 2 watts for the area and seldom use the beam on 2 any more. The antenna for 75 is a little off base as it consists of a quarter wave with the tower and the mast supporting the beams and the ranger making up the other half of the 75 meter antenna. It is a little off base but has worked for me for many years with good success. It works with out a tuner but I usually use it with the antenna tuner. It is an answer for a 75 meter antenna in a small space. I think the next thing I try will be a 160 meter antenna along the same line.

Al Fromm called me the other day and said he had several caps that fit the control circuit of my antenna unit. So I should be able to pick up one the first of the week.

†Al is a broadcast engineer in this area. He would like to pick up more work in this line. You can contact Al at the following telephone number.

Al Formm 1-918-335-5093

With summer time it is time to take down those antennas and start getting them ready for the cold months when DX will be rolling in. Speaking of DX hasn't ten been good this past winter. I have not heard so much DX in years or maybe I have been looking for it again.

73S
W5INU



Continued from page 1 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 March issue of the SBE SIGNAL or the SBE Web site, www.sbe.org.

SBE INTRODUCES CERTIFIED BROADCAST NETWORKING TECHNOLOGIST

The roll out continues 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 delves 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.

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.

2000

Exam Dates	Location	Application Deadline
June 9-19	Local Chapters	CLOSED
August 18-28	Local Chapters	July 7, 2000
Nov. 10-20	Local Chapters	September 22, 2000

Continued on page 4

Continued from page 3

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 a box lunch and breaks. Check the SBE web site at www.sbe.org for details about speakers and topics.

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

NOMNATIONS FOR SBE FELLOWS SOUGHT

SBE members are invited to nominate a deserving member to be considered for the honor of Fellow in the Society of Broadcast Engineers, according to Fellowship Chairman, Ralph Hogan, CPBE. Only 51 members have been bestowed with Fellow status in SBE's 36-year history.

To be considered for the Fellow honor, a member must have rendered long and conspicuous service to the Society at the local or national level. He or she may also qualify if recognized as having made valuable contributions to the advancement of broadcast engineering or its allied professions, the dissemination of knowledge thereof or the promotion of its application in practice.

Those elected as Fellows will be presented at the SBE National Awards Dinner, held at the Sheraton Pittsburgh North in suburban Mars, PA on October 4, 2000.

To nominate someone, send the person's name, address and current employer if applicable, to the Fellowship Committee, in care of the SBE National Office, 8445 Keystone Crossing, Suite 140, Indianapolis, IN 46240. Include a summary of why this person should receive the Fellow honor.

For more information, contact Ralph Hogan at Washington State University at rhogan@mail.wsu.edu or (509) 335-6510.

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.

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

SBE Jobline Information

If you have a job opening you wish to place on the SBE JobLine, please fax, e-mail, or mail the job description, along with the contact information, to Teresa Randsell at the SBE National Office in Indianapolis at transdell@sbe.org or fax at (317) 253-0418.



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