

Meeting Notice**Thursday, August 11, Don Chilito's Restaurant**

7017 Johnson Drive; Mission, KS; 913-432-4615
Gather at 11:30 a.m.; meeting at noon



HCJB Operations in Ecuador. HCJB World Radio has operated from Quito, Ecuador in South America since 1931. It is usually one of the first radio stations that a new shortwave listener logs. John Beck served with HCJB for 20 years in a variety of positions, including program producer, frequency manager and ultimately general manager. His presentation looks at some of the historical technical highlights at HCJB and some of the unusual solutions achieved while broadcasting from what he considers one of the most beautiful countries in the world. Today, Beck is the network development manager of Community Broadcasting.

Take an engineer to lunch. When you arrive at the restaurant, go through the line and order your lunch. Bring it the banquet room on the east side of the building. Save your receipt. At the end of the business meeting, a drawing will be held for the chapter to reimburse someone for his lunch. ☺

Certification Exam Dates		
Exam Date	Location	App. Deadline
Sep 21, 2005	NAB Radio	Aug 18, 2005
Oct 20, 2005	SBE Nat'l Mtg.	Aug 18, 2005
Nov 11 - 21, 2005	Local Chapter	Sep 23, 2005

Last Month's Meeting

By Ben Weiss

The July meeting of SBE59 was held July 13 at the campus of Johnson County Community College in Overland Park. It was held during the lunch break during the VSB Seminar presented by Gary Sgrignoli. There were 34 in attendance. Matt Kinnan, chapter chairman, presided over the business meeting. Kinnan opened the business meeting at 1:10 p.m. Ben Weiss read the minutes of the June meeting.

Weiss provided the treasurer's report, which included a note that the annual chapter rebate from the National Office for \$417 was deposited in the account.

For several years, the SBE has provided services to the NFL for frequency coordination during regular-season and post-season games. The NFL and SBE are planning a game-day coordinator's training meeting in Las Vegas in July. Chris Castro, the backup GDC for Kansas City, plans to attend.

Regarding future meetings, Scherer, on behalf of Mike Rogers, noted that the originally scheduled program for August has been postponed. Instead of Continental Electronics, John Beck will share his experiences of the radio work he has done in Ecuador. Also, the annual chapter

picnic will be held at Lake Lotawana in September at Ed Treese's house.

Kinnan noted that Steve Epstein has stepped down as the chapter webmaster because of his new job in Columbia, MO. Chris Castro offered to take on the duties of the position. Matt Kinnan thanked Castro for volunteering and noted that the chapter was thankful for the work that Epstein provided.

In addition, the idea of registering a website for the chapter and moving the site to another Web host was mentioned. Chris Castro is looking into both ideas.

In new business, Chriss Scherer suggested the idea of incorporating the chapter. Doing so provides some protection for the chapter officers and members and offers other advantages. The National Office has information to help chapters incorporate. Chris Imlay, legal counsel for SBE National, is also able to assist the chapter. There will be further discussion on this at a later meeting.

The motion to adjourn was made by Ed Treese, seconded by Scherer.

The chapter did not provide a typical monthly program. Instead, a day-long seminar on VSB technology was presented by Gary Sgrignoli. Sgrignoli worked for Zenith for many years during the development of the DTV system and now provides training seminars to educate TV engineers on the system. About 40 people attended the presentation, and each attendee received a book with information and materials from the presentation. Greg Best Consulting arranged the seminar plans with the assistance of SBE59.

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Chairman's Chat
Safe Wireless

By Matt Kinnan, CEV CBNT

Have you ever noticed that when you open your laptop computer and search for a wireless network that no matter where you are there always seems to be one that you can easily connect to? I just can't believe how many people leave their wireless connections open for all to use. I guess most people figure, "Hey, I'm online using my new wireless router, this is great!" They don't have a clue that half of the neighborhood is also surfing right along with them. I have also noticed that many businesses make this same mistake.

The default setup for most routers is to broadcast the SSID and to have DHCP on. This makes set-up easy, but can be dangerous if left in this set-up mode. Most users don't understand how important it is to add a password to the router, and I don't mean using the standard ADMIN1234. The best passwords use numbers and mixed-case letters. For added security, they should be changed every few months.

Also, don't forget to stop broadcasting the router's SSID. There is no reason to have it on, even if you are using a password. Why let everyone in the neighborhood know you have a wireless router? And why tempt them to try to hack into your network? Sooner or later someone will try to connect to your router, so try to make sure it is as secure as possible.

Here are some basic rules to setting up a wireless router. First, always change the default password to a more unique one that cannot be easily cracked. Second, always make sure you have the SSID set to nonbroadcast or private. Lastly, make sure that you never leave your router in DHCP mode if you don't have to. These simple settings will make it a little harder for someone to connect to your network.

Separately, I want thank Chris Castro for accepting the appointment to our chapter webmaster. Chris will handle all Web-related information, and is currently in the process of finding a new host for our website. I also want to thank Steve Epstein for his past work as our chapter webmaster. His time and contribution to our chapter are greatly appreciated.

Szypulski Named Broadcast Engineer of the Year

The SBE has announced the winners of its 2004 SBE National Awards. The winner of the SBE Broadcast Engineer of the Year Award for 2004 is Theodore H. Szypulski, CPBE. Szypulski is director of engineering special projects



Szypulski

for ESPN in Bristol, CT. He directed the design and construction of the ESPN Digital Center, a 120,000 square foot, all high-definition (720p) building, from which the initial HD broadcast of ESPN Sports Center began full-time production on June 7, 2004.

The new facility, besides being all-HD, is totally tapeless. It includes three studios, five production control rooms and 10 master control rooms. The project's size and requirements required some equipment that hadn't even been invented yet. Szypulski personally designed many of the sections of the building including redundant power systems, installation of the largest HD/TDM router in the world, advanced audio systems, 16-output distribution amplifiers, a new version of audio monitoring station and multi-viewer processors with more features and larger-than-ever routing matrix.

Szypulski is a graduate of Rensselaer Polytechnic Institute with BSEE and MSEE degrees. He has been a member of the SBE since 1983 and holds the Certified Professional Broadcast Engineer certification from the SBE. He is active with SBE Chapter 14, Connecticut Valley.

The award for Best Technical Article, Book or Program by an SBE Member goes to Roswell Clark, CSRE CBNT, of Tampa, FL. Clark authored an article titled *Disaster Planning Put to Good Use*, which appeared in *Radio* magazine in the October 2004 issue. Clark reports about the importance of a disaster plan for broadcasters and how the plan at Cox Radio Tampa, where he is director of technical operations for Cox Radio's six-station cluster, was put to the test during Hurricane Charlie. He is a member of SBE Chapter 39, Tampa Bay Area, and has been a member of the SBE since 2000.

Winner of the SBE Technology Award for 2004 is Ross Video for its Over Drive Live Production Control System. Over Drive is a Windows-based production control system that allows news, sports and live production to be executed more consistently and efficiently with fewer staff. Using templates, picons and custom control macros, Over Drive ties all device controls together, allowing a show to be executed from one central graphical interface.

The SBE Educator of the Year Award goes to Larry Bloomfield of Florence, OR. Bloomfield has had a diversified career in broadcast engineering. He has served as a TV station chief, built an AM radio station and has been a contributing writer for industry publications. He has been an instructor at Southwestern College in Chula Vista, CA,



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and at Guam Trade and Technical School and has taught aspiring hams at the Oregon Central Coast Amateur Radio Club.

Since 1997, Bloomfield has published *Tech-Notes*, an electronic newsletter. Bloomfield also produces the Taste of NAB Road Show, which he has conducted for several years. Bloomfield is a senior member of the SBE, having joined in 1996, and is a member of Chapter 76 in Eugene, OR.

Local chapters have also earned awards based on their own achievements. Some categories recognize two chapters, based on their size. Class A represents those chapters whose membership is less than the median chapter size, while Class B are those chapters that have membership greater than the median.

- Best Regional Convention or Conference: Chapter 22, Central New York - 32nd Annual Broadcast & Technology Expo; Conference Coordinator: Tom McNicholl, CBTE
- Best Chapter Newsletter (Class B): Chapter 24, Madison, WI - Newsletter Editor: Michael Norton, CSTE CBNT
- Most Interactive Chapter: Chapter 5, Atlanta - Chapter Chairman: William Magliocco, CPBE CBNT
- Best Chapter Frequency Coordination Effort (Class B):

Chapter 54, Hampton Roads, VA - Frequency Coordinator: Ted Hand, CPBE

- Best Chapter Website: Chapter 54, Hampton Roads, VA - Webmaster: Ted Hand, CPBE

The following awards were determined using statistical information based on Dec. 31, 2004, figures on file at the SBE National Office.

- Most Certified Chapter (Class A): Chapter 117, Palouse Clearwater, ID - Chapter Chairman: Steve Franko, CBNT; Certification Chairman: Dave Brawdy, CPBE
- Most Certified Chapter (Class B): Chapter 131, Inland Empire, CA - Chapter Chairman: Robert Dawson, CTO CBNT; Certification Chairman: Paul Claxton, CPBE CBNT
- Greatest Growth in New Members (Class A): Chapter 125, Mississippi - Chapter Chairman: Donnie Driskell, CSTE CBNT
- Greatest Growth in New Members (Class B): Chapter 56, Tulsa, OK - Chapter Chairman: Ray Klotz, CPBE CBNT
- Highest Member Attendance at Chapter Meetings (Class A): Chapter 133, Buffalo, NY - Chapter Chairman: John L. Merrill
- Highest Member Attendance at Chapter Meetings (Class B): Chapter 118, Montgomery, AL - Chapter Chairman: Larry Wilkins, CPBE CBNT

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Award recipients will be recognized during the SBE National Awards Dinner, which will be held during the SBE National Meeting taking place Oct. 19 to Oct. 20, 2005, in Grapevine (Dallas/Ft. Worth), TX. The national meeting is being held in conjunction with the Broadcast Engineering Expo (BEE) Regional Convention, sponsored by SBE Chapter 67, North Texas.

NAB Calls for Speakers for NAB2006

The NAB is looking for technology speakers to keynote and participate in panel sessions to be scheduled during NAB2006. Speakers will have the opportunity to express their opinions concerning the opportunities and challenges of the new media age. Interested individuals should submit a 200 word summary of the topic, a brief biography and contact information by Oct. 7.

The NAB is also looking for presenters for the NAB Broadcast Engineering Conference. This is a technical conference where presenters deliver technical papers ranging over a variety of topics relevant to the broadcast and al-



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Next EAS Required Monthly Test: August 30
The RMT is sent on the last Tuesday of the month

lied industries. Presentations are limited to 30 minutes in length, including five or 10 minutes for questions from the audience. The NAB invites interested individuals to submit a proposal to present a technical paper at the conference. Proposals should be clearly written and be no more than 200 words in length. The proposal should explain what conference attendees can expect to learn from your paper. Papers are due Oct. 7, 2005. The selection process will begin at that time.

For more information on the speaking opportunities visit www.nabshow.com/speakers_default.asp.

Rep. Hinchey Intros Bill on Media Ownership

Congressman Maurice Hinchey (D-NY) has introduced the Media Ownership Reform Act of 2005 (MORA). Hinchey, who is the chairman and founder of the congressional Future of American Media (FAM) Caucus, authored the bill because he sees the consolidation of ownership problematic because "only a select group of individuals get to determine what information Americans can receive via television, newspaper, radio and other media."

According to the Congressman's press release, MORA is a broad measure that "seeks to undo the massive consolidation of the media that has been ongoing for nearly 20 years." The bill seeks to restore the Fairness Doctrine, reinstate a national cap on ownership of radio stations, and lower the number of radio stations one company can own in a local market. It further reinstates the 25 percent national television ownership cap, requires regular public interest reports from broadcasters and provides for more independently produced programming on television. The bill establishes new public interest obligations to ensure broadcasters are meeting the needs of local communities and requires increased and sustained public input and outreach so that Americans have a voice in the programming they receive.

Diane Watson (D-CA) is the principal cosponsor of Hinchey's MORA measure.

National Election Ballots on the Way

SBE members will receive by mail a ballot for the national election of officers and board members. The ballots are due at the National Office by Sept. 1. While the four officer positions have one candidate each, there are 14 candidates running for six open board seats. Every vote counts, and membership in the SBE carries the privilege to vote. Don't wait until the last minute. Review the list of candidates and their goals and qualifications, and return your ballot right away.

Wanted: Your News and Information

The SBE59 newsletter, *The Communicator*, is published every month as a service to the members, sponsors and guests of SBE Chapter 59. We are always looking for information on what is happening at stations and facilities around Kansas City. Have you hired someone new? Have you received a promotion? Have you installed some new equipment? Tell us about it and share it with your engineering colleagues. Send any of your stories or ideas to a chapter officer or e-mail them to sbe59@broadcast.net. Articles published in *The Communicator* will qualify for SBE recertification points. ☺



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Upcoming Meetings and Events

August 10 - 12 - Nebraska Broadcasters Assoc.
Lincoln, NE

August 11 - HCJB Operations in Ecuador
Don Chilito's

September 8 - Annual Picnic
Treese's Lake House

Upcoming meeting dates
Mark your calendar now

October 13

November 10

December 8

Do you have a suggestion for a program topic?
Please share it with Mike Rogers.

Synchronized Certification

The SBE National Certification Committee adopted an item of interest to individuals who hold multiple Certifications. In most cases, the different Certifications were awarded at different times, which results in the Certified individual having to recertify various items at various times. In many cases, the same point credits are claimed for the various Certifications.

To reduce the burden of tracking various periods concurrently, a method has been devised to allow various levels of Certification to be synchronized in their renewal cycle. Doing this is at the option of the Certification holder. It is not mandatory. Contact the SBE National Office for details on synchronizing your Certifications.



SBE Chapter 59
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