

CONNECTIONS

The Newsletter of Chapter 52, The Columbus and Central Ohio Chapter of the Society of Broadcast Engineers

SBE Chapter 52 Web Site: <http://www.sbe52.org/>

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SBE Chapter 52 February 2012 Meeting

This Meeting will be a Joint Meeting of SBE Chapters 33 and 52 and the Ohio Section SMPTE

Place: Harris Broadcast Communications
5300 Kings Island Drive
Mason, Ohio 45040

Date: Thursday, February 23rd, 2012
Time: Food will be served beginning at 6PM
Meeting will start at 7PM

NOTE: If you plan to attend, please RSVP to Ralph Hoffman, Chapter 52 Secretary/Treasurer, by Friday, February 17th, 2012 so Harris can plan for food. RSVP to Ralph at e-mail R.Hoffman@IEEE.Org or telephone (740) 625-6575.

Program

Harris Broadcast Communications will present the program on "High Efficiency Solid State RF Systems for Digital TV and FM Radio".

Harris Engineers will present the latest in solid state VHF/UHF RF amplification technology. They will discuss the development and device selection process for the basic amplifier pallets, power supply technology, cooling options, combining methods and amplifier design options.

Actual application to the latest VHF DTV, UHF DTV and FM analog and digital transmitter designs will be discussed and viewed.

A tour of the new Harris transmission products R&D labs will take place after the presentation.

This program will be of great interest to both Radio and Television engineering members of SBE and SMPTE.

THANKS!

Our "Thanks" to Dave Goldsmith, Kramer Electronics, Inc., for presenting the program for our January Meeting and to Chapter 52 Member Mike Siddall, ProVideo Systems, Inc. for arranging for the presentation and for providing the refreshments for the meeting.

"Thanks" to Mark Seekins and WWHO-TV UPN53 for providing the meeting facilities.

We appreciate your support!

Driving Directions to Harris Broadcast, Mason, Ohio

Traveling south on I-71 south of Columbus Ohio approx. 80 miles, take the OH-741 N. Kings Mills Road exit, Exit 25 toward Mason. Turn left onto OH-741 Kings Mill Road. Travel approx. 0.2 miles, stay straight to go onto King Avenue. Travel approx 0.07 miles on King Avenue, keep left at the fork to continue on King Avenue. Travel approx. 0.08 Miles, take the 1st left onto Kings Island Drive. Travel approx.0.06 Miles, Harris Broadcast is on the right at 5300 Kings Island Dr.

See Map On Back Page Of This Newsletter



Certification Exam Session Dates For 2012

2012 Exam Dates	Location	Application Deadline
February 3-13, 2012	Local Chapters	CLOSED December 31, 2011
April 17, 2012	2012 NAB Las Vegas	March 23, 2012
June 1-11, 2012	Local Chapters	April 13, 2012
August 3-13, 2012	Local Chapters	June 1, 2012
November 2-12, 2012	Local Chapters	September 14, 2012

For more information about SBE Certification, contact Chapter 52 Certification Chair, Rol Elikofer, (614) 264-6979 or rolelikofer@aol.com, or contact Megan Clappe, Certification Director at the SBE National Office at (317) 846-9000 or mclappe@sbe.org.

Visit the SBE National website to view the suggested reference lists for the SBE certification exams. Many of the recommended books are available at a discount to SBE members through the SBE bookstore.



**Chapter 52
Members Certified**

As of February 7th, 2012 SBE Chapter 52 had 63 Members listed with 38 of those Members being certified.

Certification Fee Increase

Fees for SBE Certification and recertification will increase for SBE Members \$2 to \$3, depending on the level of certification, January 1, 2011. The non-member rates will also increase.

Reminder to Renew Your Membership

If you are an SBE member, you will need to renew your membership by April 1, 2012..

Certification Applicants Can Request Letter Be Sent To Employer

When you apply for certification, you have the option to request that a letter be sent to your employer from the SBE President. This letter would state that you have obtained a level of SBE Certification. Certification applicants can request the employer letter when filling out the certification or recertification application. The employer letter is **only** sent when the applicant passes an exam.

If you have any questions, please contact the Certification Director, Megan Clappe at the SBE National Office (317) 846-9000 or mclappe@sbe.org.

2012 SBE Strategic Planning Meeting

The SBE has scheduled a strategic planning meeting for Saturday, June 23 in Indianapolis, Indiana. Chairmen of SBE Chapters are invited to participate. The planning session will be headed by a professional facilitator who will lead the group through several exercises that will serve to identify the strengths and weaknesses of the organization and the needs and wants of members. For more information, visit the National SBE website at www.sbe.org.

SBE's Website Features On-Line Membership Application

Encourage prospective members to join the SBE by visiting the SBE's website on-line membership application. Applicants can complete the form and submit their dues via credit card on-line, 24/7/365. Go to www.sbe.org and click on **Join SBE** and then, **Individual Memberships**.

**Certification Exam
Sessions for 2012**

**Certification Fee
Increase**

Renew Membership

**Letter to Employer on
Certification**

**2012 SBE Strategic
Planning Meeting**

**On-line Membership
Application**



SBE Accepting Fellow Nominations

Nominations for the membership grade of SBE Fellow are open. Nominees must be members in good standing who have rendered conspicuous service, or are recognized for having made valuable contributions to the advancement of broadcast engineering or its allied professions, dissemination of knowledge thereof, or the promotion of its application in practice.

Voting members of the SBE can submit nominations that are endorsed by five additional voting members. Nomination must include a professional biography of the candidate. Nominees must not be made aware of their nomination.

Send nominations via e-mail to:

Mr. Troy Pennington, CSRE, CBNT
 SBE Fellowship Chairman
 troy.pennington@cumulus.com

The deadline for nominations is March 23, 2012. The SBE Board of Directors will review and vote on the nominees on April 15, 2012. Candidates elected to the member grade of Fellow will be announced during the 2012 NAB Show and recognized in Denver, Colorado at the SBE National Meeting in October 2012.

2012 SBE Leadership Development Course

July 31–August 2, 2012

Location: Atlanta, Georgia

Cost: SBE Members—\$590; Non-members—\$640.

For more information and registration, visit the National SBE website www.sbe.org.

SBE continues its commitment to provide leadership training to its membership by offering the SBE Leadership Development Course beginning July 31. Rodney Vandever, a professional leadership and management trainer and a professor of Organizational Leadership and Supervision at Purdue University will instruct the course.

Designed to take technically-adept people and instill in them sound leadership, supervisory and management skills, the SBE Leadership Development Course is equally beneficial for those who are already in management and for those without prior management or supervisory experience. This interactive course includes training in the dynamics of leadership, a self-assessment on leadership behavior style, generational differences in the workplace and more.

SBE CERTPreview

If you are taking or thinking about taking an SBE Certification exam, consider using the SBE CertPreview to aid in your exam preparation. The SBE CertPreview is the only product endorsed by the SBE National Certification Committee as a way of studying for SBE Certification exams.

The SBE CertPreview will take you through a 50 multiple choice question exam and allow you to revisit your answers before you score the sample test. Once you have scored the sample test you will be given a breakdown percentage of categories. You will also have the ability to go back to the questions contained within your sample test to see the correct answer.

You can take multiple sample tests and each time you will have a new mixture of questions. The soft ware was designed to give examinees an idea of what to expect on SBE Certification exams. Everyone's knowledge is different and the actual multiple-choice exams are open book.

The SBE CertPreview is available for PC and Mac users and can be downloaded and installed onto your computer or you can purchase the CD to install later.

The sample tests are \$29 each for the download and \$33 each (+\$3 s/h) for the CD.

You may order online or contact the SBE office to order the SBE CertPreview.



SBE Fellow Nominations

2012 SBE Leadership Development Course

SBE CertPreview



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 (440) 245-3535

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Board Liaison Assigned To Chapters
 All members of the SBE Board of Directors are elected at-large. To facilitate communication between Members, Chapter and the National Board, liaisons have been assigned to each Chapter. Members and SBE Chapter Representatives are invited to contact your assigned liaison regarding issues or questions about the Society. A complete list of the Chapter liaison assignments for 2011 can be found at the SBE website, www.sbe.org. Go to Chapter Info and then Chapter Administration, then Board/Chapter Liaison. **The liaison assigned to Chapter 52 is Gary Liebisch, CPBE.**
 You can contact Gary at gary.liebisch@nautel.com

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Resume Bank
 Deposit your resume where prospective employers can view your profile and make a withdrawal from SBE. For information on submitting or accessing resumes, contact Scott Jones at kjones@sbe.org or visit: www.sbe.org, click on Jobs then SBE Resume Service.

Jobs Online
 Check out the latest broadcast industry job openings across the nation. For information on submitting or accessing positions, contact Scott Jones at kjones@sbe.org or visit: www.sbe.org, click on Jobs then SBE JobsOnline.

- Chapter 52 Officers**
- SBE Contacts**
- Chapter Liaison**
- On-line Membership Application**
- Resume Bank**
- Jobs Online**



Education & Conferences

2012 NAB Broadcast Engineering Conference

The Society of Broadcast Engineers will serve as co-producer with the National Association of Broadcasters for the NAB Broadcast Engineering Conference (BEC), held at the 2012 NAB Show in Las Vegas. The BEC is April 14-19, 2012, at the Las Vegas Convention Center and is the oldest conference held as a part of the NAB Show, now in its 66th year. The upcoming show will mark the 18th consecutive year for the SBE as co-producer.

The SBE and the Ennes Educational Foundation Trust will present a full-day Ennes Workshop to kick-off the BEC on Saturday, April 14. Ennes Trustee and long-time SBE member Fred Baumgartner, CPBE, CBNT, is organizing the workshop. This year's theme is "Video and Audio on IP to IPTV". Topics include "The Broadcast Engineer in an IT World: What Do I Need To Know and How Do I Learn It?"; "The Tube Sound—Fact or Fiction"; "Broadcasting and the Cloud"; "IBM Case Study: Broadcast Management Cloud for Fuji TV"; "Chyron Cloud Case Study"; "Standards Update"; "Evolved Multimedia Broadcast/Multicast Service"; "IPTV"; "Broadcast Workflow/Content Flow 2012"; "ATSC's Future of TV".

More topics and speakers will be confirmed in the coming days. Watch for program updates from the SBE in the February 2012 issue of the Signal and on the SBE website, www.sbe.org.

The six-day BEC will continue through noon Thursday, April 19 with dozens of technical presentations, case studies and panels for television and radio engineers.

The deadline for those interested in presenting a paper at the BEC was October 21. Visit the NAB website at www.nab.org for details.

Attendance at the Ennes Workshop during the BEC requires a full NAB conference registration. Hotel, show registration and fee information will be available at www.nab.org.

SBE University

New SBE University Courses Available!

SBE University has online, on-demand courses on a variety of broadcast technical topics. With these self-study courses, you can pick the topic, time and location to learn and complete it at your own pace. Each course is less than \$100 for SBE members. Courses include a glossary, quiz questions and a final exam.

The SBE Education Committee is pleased to announce two new courses on SBE University. The first new course is **Television Video and Audio — a Ready Reference for Engineers**. This course is written by Randy Hoffner and provides the television engineer with a solid grounding in various aspects of video and audio for television and serves as reference to the pertinent standards. The course is an overview of video and audio for television, from the dawn of analog television broadcasting to today's digital television transmission. The cost of the course for SBE members is \$99 and \$139 for non-members. More information can be found on the SBE website.

The other course is **The New Lifecycle of Media — IP and File Based Architecture and Workflows**. This course is written by Gary Olson and explores the technical considerations that need to be taken into account in a file based architecture, as well as the changing roles and responsibilities engineers will have in designing and maintaining these new systems. The changes in workflow and business processes are also reviewed, as well as the new jobs and roles that are necessary in handling media in this architecture. This course is also \$99 for SBE members and \$139 for non-members. More information can be found on the SBE website.

For more information on these and other SBE University Course, visit the Education page on the SBE website at www.sbe.org.

Note: Once you purchase an SBE University online, on-demand self study course, you have access to the course as long as it's available, including any updates made.

Webinars

The Nuts and Bolts of the FCC FM Allocation Procedures February 16—2 p.m. ET with Doug Vernier, CPBE

SBE Members—\$49; Non-Members—\$69.

Springtime Maintenance to Keep You on the Air— March 15—2 p.m. ET with John Bisset

SBE Members—Free, Thanks to BSW; Non-Members—\$39.

Check with the SBE National Office for more information www.sbe.org, Telephone (317) 846-9000.

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SBE Certified Logo

Upon passing a new certification exam or if you currently hold a valid SBE Certification, you are now able to use the SBE Certified logo on your business cards, letterhead, resume, website or email signature. In order to use the SBE Certified logo, you must also use your valid SBE certification designations after your name. You may only use the official SBE Certified logo that can be downloaded from the Press Resources page on the SBE website.

No variations or interpretations of this logo can be used.

What's On Your Mind?

SBE Roundtable - SBE's member e-mail discussion group created to facilitate discussions about the Society.

EAS Exchange - An SBE-sponsored e-mail discussion group about the Emergency Alert System.

Subscribe on the SBE website at:

www.sbe.org

HAMnet SBE's Chapter of the Air

Who? SBE Hams

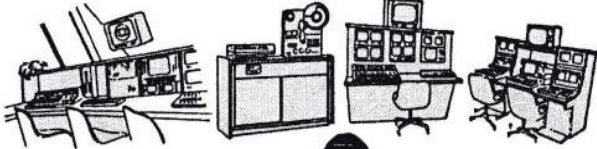
What? Meeting of Chapter 73, SBE's Chapter of the Air

Where? 14.205 MHz

When? Second Sunday of every month at 0000 GMT

Host: Hal Hostetler, WA7BGX

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Making Digital Radio Work.

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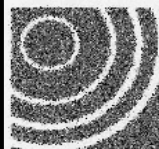
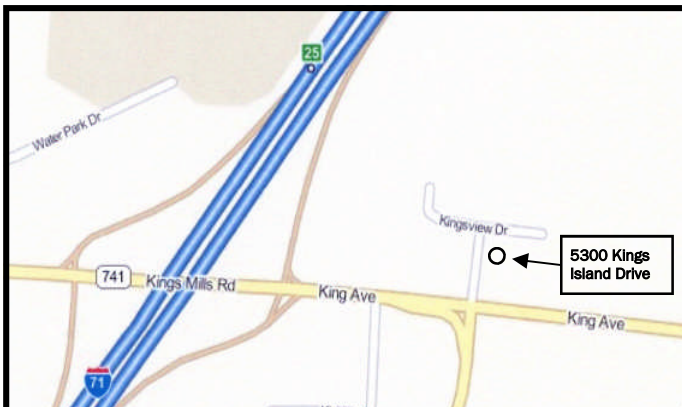
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