



The Society of Broadcast Engineers

Fox Valley Wisconsin SBE Chapter 80
PO Box 1519
Appleton, WI 54912-1519

March 2013

The next meeting of SBE chapter 80 will be Tuesday March 19th at the Out of Town club at noon. Our program will be by Megan Wagoner, Product Manager at Digital Broadcast Inc.

Chairman's Corner

Greetings Everyone,

Members and guests are welcome at our upcoming Chapter 80 meeting and program to be held on Tuesday, March 19th, 2013 at the Out O' Town Club in Kaukauna.

Our presentation will be by Megan Bradley Wagoner of Digital Broadcast, covering IT workflow in broadcast and news operations.

During our business meeting, I would like to foster some discussion on SBE's recent announcement of the establishment of a new award for Chapter Engineer of the Year.

Our last meeting was Tuesday, February 19th, 2013 at the Out O' Town Club where we enjoyed a presentation by Evan Stanek regarding recent upgrades at the WSCO AM transmitter plant, including the replacement of its ceramic tower base insulator.

A reminder that our Newsletter, Chapter 80 items of interest and a host of other SBE information are posted on our website <http://www.sbe80.org>.

Future Events:

April 2013, Chapter Meeting, NAB Review

Tuesday May 21, 2013 Camera Corner annual tech show

We look forward to seeing you at noon on Tuesday, March 19th.

Regards,

Steve Konopka

Exam Dates	Location	Application Deadline
April 9, 2013	NAB Convention	March 22, 2013
June 7-17, 2013	Local Chapters	April 12, 2013
August 9-19, 2013	Local Chapters	June 1, 2013
November 1-11, 2013	Local Chapters	September 13, 2013

March 22 is Deadline for SBE Exams at NAB Show

Those wishing to sit for an SBE Certification Exam while attending the 2013 NAB Show, must submit an application to the SBE national office by March 22. An exam session will be held from 9 am to 12 pm on Tuesday, April 9 at the Las Vegas Hotel (LVH). [Exam applications](#) are available at the SBE website.

CHAPTER 80 ELECTED AND APPOINTED OFFICERS 2011-2012

Chairman	Steve Konopka	WPNE TV/FM	920-336-3541	skonopka@ecb.org
Vice Chairman	Tim Laes	WGEE WIXX WNCY WROE	920-435-3771	tlaes@new.rr.com
Treasurer	Steve Brown	WHBY WAPL WKSZ WZOR	920-733-6639	sbrown@wcinet.com
Secretary	Keith Kintner	UWO	920-424-7357	kintner@uwosh.edu
Program Chairman	John Pfankuch	Heartland Video Systems	920-893-0204	jpfankuch@hvs-inc.com
Program Chairman	Bill Hubbard	UW Green Bay	920-465-2510	hubbardw@uwgb.edu
Membership Chairman	Al Kilgore	WRVM	920-842-2839	akilgore@wrvm.org
Sustaining Memberships	Greg Tadyshak		920-497-0172	gtadyshak@new.rr.com
Frequency Coord. < 1 GHz	Tim Laes	WGEE WIXX WNCY WROE	920-435-3771	tlaes@new.rr.com
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Chapter 80 Webmaster	Jim Jensen	Retired	920-850-2633	jjim@bjensen.net
EAS Coordinator	Steve Konopka	WPNE TV/FM	920-336-3541	skonopka@ecb.org
Board of Dirs/SBE Liaison	Keith Kintner	UWO	920-424-7357	kintner@uwosh.edu

Recruit a New Member and help SBE Lead the Way

The annual SBE Membership Drive began March 1 and runs through May 31. Though new members are welcome anytime during the year, this is an important time when we emphasize membership recruitment. Our theme this year is, "Leading the Way". Members who lead the way by recruiting one or more new members will receive discounts off their 2014 membership renewal and, will be entered into a drawing for some great prizes.

The grand prize is a trip to the SBE National Meeting in Indianapolis, Ind. on October 29-30, 2013. The prize includes roundtrip airfare to Indianapolis from anywhere within the continental US, two nights accommodations at the Sheraton Indianapolis Keystone Crossing Hotel and free admission to SBE National Meeting events and the Broadcast Engineering Conference, presented by the Indiana Broadcasters Association, on October 30.

Additional Membership Drive prizes and sponsors include: BRIC-Link Audio iP Codecs, courtesy of Comrex; Ebtech Swizzarmy Cable Tester, courtesy of Broadcast Supply Worldwide (BSW); Mic Adapter, courtesy of Tieline; Tool Bag with logo shirt, construction hat and multi-tool, courtesy of Middle Atlantic Products Inc.; Logo shirt, courtesy of Heartland Video Systems; *Directional Antennas Made Simple* by Jack Layton, CPBE, courtesy of Layton Technical Services; *Wireless Network Security A Beginner's Guide* by Tyler Wrightson, courtesy of McGraw-Hill; SBE CertPreview download (one exam), courtesy of SBE; (1) SBE University course (your choice) and (2) Acrylic Tumblers, courtesy of SBE.

For complete [details about this year's membership drive](#), visit the SBE website. (sbe.org)



Google begins test period as TVWS Administrator

Google began a 45 day test period as a TV White Space (TVWS) database administrator ([see linked FCC release](#)) on March 4. The FCC is now authorizing TVWS devices to operate nationwide. Stations that have not registered the locations they frequently operate from (e.g. their main studio location), should consider doing so. Stations may also want to consider training newsroom and other personnel on how to register future events using an approved database administrator to ensure protection of wireless mics, IFB and intercom use that will operate on unused TV channels during an event.

Web link of the month [Watch Walter Cronkite Tour a 21st-Century Home in 1967](#)

"I just push a button and the right amount of cups and saucers are moulded on the spot. When I've finished eating, they'll be no dishes to wash, the used plates will be melted down again, the leftovers destroyed in the process, and the melted plastic will be ready to be moulded into clean plates when I need them next."

Take an SBE certification exam at the NAB Show

Have you been thinking about taking an SBE certification exam soon? Will you be attending the 2013 NAB Show in Las Vegas, April 6-11? If the answer to both of these questions is yes, consider taking the exam while attending the show. The SBE will be providing the opportunity to take an exam during the show on Tuesday, April 9 from 9 am to 12 pm, PT. Any SBE certification exam, regardless of level, may be taken during this session. Pre-registration is required.



To register to take an exam, complete the [application form](#) for the certification you wish to test for, and email, mail or fax your form and payment to the SBE national office by March 22. Once registered, you will be provided information on the location of the exam room.(sbe.org)

SBE HAMnet - bringing SBE members together for 25 years

HAMnet, the Society of Broadcast Engineers' "Chapter of the Air," was originally developed more than 25 years ago for those HAM operator-members who were not in close proximity to local SBE chapters and wanted a way to meet. Through the years, it's been a great way for broadcast engineers who are also amateur radio operators to come together, share technical information, discuss broadcast engineering, amateur radio and get the latest information on SBE programs and activities on a monthly basis. If you are a HAM, you are invited to participate!

The SBE has two ways for you to participate. The **SBE "HF" HAMnet** takes place on the **second Sunday of every month** at 0000 GMT. **Hal Hostetler, CPBE, WA7BGX of Tucson, Ariz.**, serves as Net Control. The published frequency is 14.205 MHz. Occasionally, that frequency is busy and you may need to move up (no more than 10 kHz) to find the SBE meeting. The next HF HAMnet is Sunday, March 10.

The **SBE Internet Repeater Linking Project, or IRLP**, is the **first Saturday of each month** at 11:00 am, U.S. Mountain Time (1:00 pm Eastern) and worldwide via IRLP reflector 9615. **Jack Roland, CBRE, AMD, CBNT, KE0VH, of Wheat Ridge, Colo.** is Net Control. The SBE IRLP HAMnet uses the Denver-based N0PQV repeater 145.340, IRLP node #3350. The SBE IRLP Reflector, Node 9615, is now connected to the world via Echolink using a computer as well as via radio. This reflector is also connected full time to the WA2CBS repeater in New York City. The next IRLP HAMnet is tomorrow, Saturday, March 2. Visit the SBE website for [more details](#) on the SBE HF and IRLP HAMnets.

Would you like to subscribe to receive a short email reminder each month for the SBE HF and/or IRLP HAMnets? **Just reply to this message and in the subject line write Subscribe HF, or Subscribe IRLP, or Subscribe Both.** The email address you used to access this message will be subscribed. You will receive a short email reminder a day or two before each SBE HAMnet.

If you'd like to meet up and chat with other SBE member HAMs, be sure to tune in each month!

John L. Poray, CAE
Executive Director
Society of Broadcast Engineers

(sbe.org)

Three SBE Members Gain NAB Recognition

The NAB recently announced the recipients of this year's NAB Engineering Achievement Awards. All three winners are members of the SBE. Jay Adrick, Vice President, Broadcast Technology in the CTO Group of Harris Corp., is the winner of the 2013 NAB Television Engineering Achievement Award.



Frank Foti, CEO of the Telos Alliance, is receiving the 2013 NAB Radio Engineering Achievement Award. The awards to Adrick and Foti recognize significant contributions to the state of the art in broadcast engineering.

Frank Foti

A special award, the 2013 NAB Service to Broadcast Engineering Award, recognizing extraordinary service to the industry, is being presented to Leonard Charles, CPBE, Director of Engineering, Midwest, at Morgan Murphy Media.



The three men will receive their awards during the NAB Technology Luncheon, to be held on April 10, during the 2013 NAB Show in Las Vegas.

The SBE extends its congratulations to each of these men; all long-time members and important contributors to the SBE. (sbe.org)

Leonard Charles,
CPBE

Job Opening IT / Broadcast Technician

WISC-TV, Southern Wisconsin's number one news station in Madison, is aggressively searching for an IT/Broadcast Technician to enhance the Computer/Networking division of our Engineering Department. Our IT staff is very small so the successful candidate will be versatile and ready for the demands of the company's many computer driven systems. An understanding of the intricacies of a varied computer network is essential. Beyond the normal business servers, our company has extensive systems to handle the demands of our Video over IP, Video file manipulation and storage, and on-air computer automation needs.

Experience in a Broadcast Station is helpful though not essential but your experience with computers and computer systems is. Experience with Microsoft Active Directory, Exchange, and the Office Suite will move you up our list of candidates. Experience with Avid ISIS, Newscutter, Media Composer, and Fastbreak/Compusat automation will put you near the top of that list. If you know all that, plus the Telestream Flip Factory and Harmonic Carbon Coder, when can you start? If you're excited to be able to learn what you don't know and immediately contribute what you do, we definitely want to talk to you.

PCs are the majority of our computers, but we do have a handful of MACs and Linux as well, all coexisting on the same network. You'll do everything from trouble shooting email and user issues, to serving as our help desk person, to assist in getting that video file on TV and the web. Virtual machines in the Cloud are part of our future and can be part of yours as well as app and web programming if you have those skills.

As long as you have the education and drive, training opportunities will be made available. Our goal is to make you a strong backup to our Computer, Networking, and Information Systems Administrator, as well as a helpful computer problem solver to our TV and business staff.

WISC TV is a Morgan Murphy Media company which owns and operates additional media companies in Southern Wisconsin. We offer a professional challenging work environment, competitive compensation benefits package, and we encourage our employees to grow professionally with us. TV is fun, come join us.

Send resume, salary requirements, and availability to:

WISC-TV

Attn: HR / ENG

7025 Raymond Road

Madison, WI 53719

Email: hr@wistv.com

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Visit our website at www.channel3000.com

SBE Schedule of Events at NAB

Saturday, April 6

Ennes Workshop 8 a.m.-5 p.m. Conference registration required

LVCC South Hall, S225

Certification Committee Meeting 6:30-11 p.m. Las Vegas Hotel and Casino, Conference Room 9

Sunday, April 7

SBE Board of Directors Meeting 8:30 a.m.-12 p.m.

Las Vegas Hotel and Casino, Conference Rooms 8 & 9

Education Committee Meeting 3-4:30 p.m.

Las Vegas Hotel and Casino, Conference Room 10

Tuesday, April 9

SBE Certification Exams 9 a.m.-12 p.m.

Las Vegas Hotel and Casino, Conference Rooms 9 & 10

Frequency Coordinators Meeting 10 a.m.-12 p.m. Las Vegas Hotel and Casino, Conference Rooms 13 & 14

SBE Spring Membership Meeting 5:30-6:30 p.m.

LVCC South Hall, S227

SBE Booth Hours

Sunday · 2-4 p.m.

Monday · 9 a.m.-6 p.m.

Tuesday · 9 a.m.-5:30 p.m.

Wednesday · 9 a.m.-6 p.m.

Thursday · 9 a.m.-2 p.m.



Discount available to SBE Members

The Society of Broadcast Engineers has arranged a discount for members of the SBE on registration for the 2013 NAB Show in Las Vegas, April 6-11. If you or your employer is not a member of the NAB, you can register for the conference Smart Pass or Flex Pass at \$100 off the non-NAB member rate. Members of the SBE can also register for a free Exhibits-Only pass.

[Register on-line](#) at the 2013 NAB Show. Near the end of the registration process, there is the opportunity to enter a discount code.

For the \$100 discount on the Smart Pass or Flex Pass packages, use code EP38. For the free Exhibits-Only pass, use code EP08. (sbe.org)

EAS Update This is an advisory that a new movie, Olympus Has Fallen, to be released this month, uses actual EAS tones in the movie trailer. If the trailer is used in radio or TV advertisements, the stations may be subject to FCC fine.

Click on the link to see the trailer. <http://www.youtube.com/watch?v=TVZrIJQm1G4>

Scott Mason, CPBE

SBE EAS Education Committee Chairman

SBE website EAS Page (sbe.org)

Statewide Test Of Tornado Warning EAS Code On April 18 Please Respond To WBA Office If You Have Not Already

In cooperation with Wisconsin Emergency Management, the National Weather Service will conduct a test of the real Tornado Warning EAS Code on April 18, 2013 as part of Tornado Awareness Week. *The State of Wisconsin has received a waiver from the FCC to use the actual EAS Tornado Warning Code for this statewide test.* If there is a threat of severe weather, the test will be postponed until April 19, 2013. If there is severe weather on April 19, the test will be cancelled. While the audio of this test will repeat several times in the script "This is a Test", because the real EAS Tornado Warning Code is being sent the crawl on TV stations and cable systems will read "A Tornado Warning has been issued for...". Thus we ask that TV broadcasters and cable operators making the decision to air the test should display a "This is a Test" graphic behind the crawl. The test will be originated on NOAA Weather Radio (NWR), and will be relayed via the State Relay (SR) and Local Primary (LP) stations. The EAS "TOR" Code will be sent independently by all five NWS offices serving Wisconsin, following the schedule below. Broadcasters and cable operators that monitor SR or LP stations from multiple EAS Operational Areas or directly monitor NWR from another EAS Operational Area may receive more than one Tornado Warning alert; since these alerts are sent independently from each NWS office they will not be recognized by EAS units as duplicates if alerts are received from two different EAS Operational Areas. It is also possible that some NWR stations may broadcast more than one TOR Code as some NWR stations serve counties from more than one NWS office.



This will be the schedule for April 18, 2013

(or if there is severe weather on April 18, test will be conducted on April 19, 2013)

1:00PM – Tornado Watch "TOA" EAS Code issued

1:45PM – Tornado Warning "TOR" EAS Code issued by all NWS offices serving Wisconsin

Originator Code: WXR

EAS Code: TOR

EAS Duration: 15 minutes

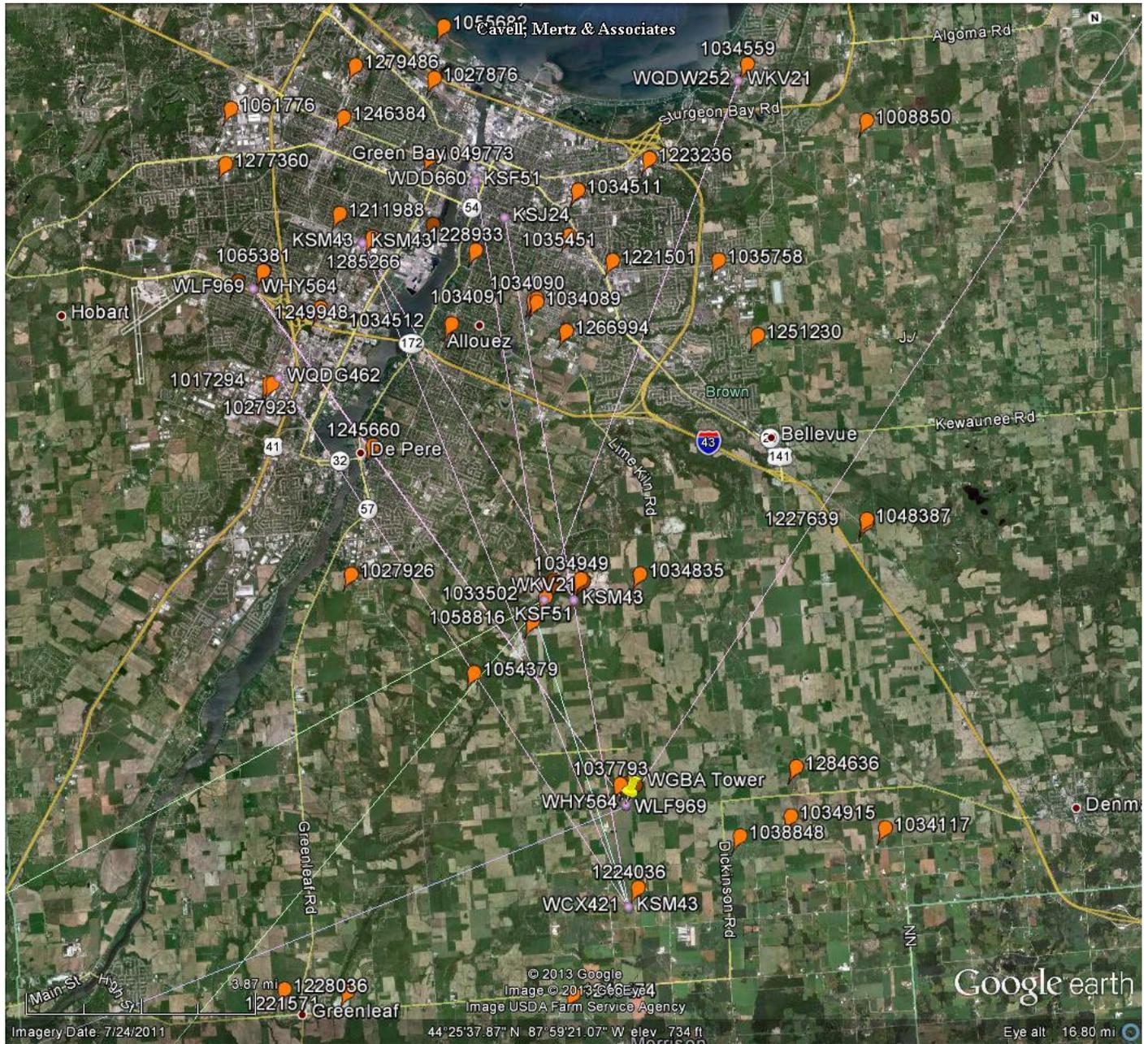
*This test is being coordinated with the State of Minnesota. Stations in the border area will receive both Wisconsin and Minnesota counties in the same coordinated TOR Tornado Warning EAS message at 1:45PM.



If you have not already, please respond by e-mail to Vice President Linda Baun at lbaun@wi-broadcasters.org to indicate you have received this message, have passed this information along to all relevant staff (including station meteorologists), and will participate in the test and the public notice prior to the test.

NOTE: Public Notice on your end will begin one week prior to the test (PSA's, mention in your news stories, weather reports, etc). (wba.org)

Ever wonder how many microwave signals are flying around Green Bay. Cavell, Mertz & Associates, Inc. has now combined the FCCInfo.com databases with the extensive mapping capabilities of Google Earth™ to display up-to-date FCC broadcast, microwave, and tower structure databases in a readily understood visual format. More info http://www.fccinfo.com/fccinfo_google_earth.php



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