



Monthly Meeting:

Our monthly meeting will be held at **The Magic Tree Pub & Eatery** which is located at 7463 South Avenue, Boardman, Ohio 44512 just South of State Route 224 across from the iHeart Media Facility.

Our Next Meeting: Thursday, March 9<sup>th</sup>, 2017

Membership:

Email addresses using the Sbe122.org domain are still available. If you would like one, please let me know at [rkfoley@sbe122.org](mailto:rkfoley@sbe122.org). Include your preferred name, otherwise, I will assign your first initial and last name.

New members are welcome throughout the year. Here's the link to the member application: [SBE Membership application](#)

<http://www.sbe.org/sections/2017membershipdrive.php>



The SBE @ the 2017 NAB Show

April 22 - 27, 2017  
Las Vegas, Nevada

<http://www.sbe.org/sections/NABShow2017.php>



Membership Drive 2017

Help your colleagues develop their professional careers: have them join the SBE today.

The SBE wants your help in recruiting new members, and you can win rewards for your efforts. Sponsor a new Member, Associate Member or Sustaining Member between March 1 and May 31, 2017, and you will be eligible for the prize drawings. For each approved new member application you sponsor you will earn \$5 off your 2018 membership dues, up to \$25. Each new member application may have only one sponsor. Applications must be received at the SBE National Office between March 1 and May 31, 2017, to be eligible. Drawing for all prizes will be completed by June 26, 2017.

Certification:

By Dave Brett



The Certification Program is a service of SBE contributing to the advancement of broadcast engineering for the general benefit of the entire broadcast industry.

An application can be found on the SBE website. [http://www.sbe.org/sections/cert\\_index.php](http://www.sbe.org/sections/cert_index.php)

<u>Exam Dates</u>	<u>Location</u>	<u>Deadline</u>
Feb 3-13, 2017	Local	Closed
April 25, 2017	NAB Show	March 17, 2017
June 2-12, 2017	Local	April 21, 2017
Aug 4-14, 2017	Local	June 5, 2017
Nov 3-13, 2017	Local	Sep 25, 2017



[Webinars by SBE:](#)



Along with the Live Webinars, the SBE offers several On-Demand Webinars.

RF101: Broadcast Terrestrial Transmission Systems Course

<http://www.sbe.org/sections/RF101.php>

IP Network Security - Part 1

<http://www.sbe.org/sections/NetworkSecurity.php>

IP Network Security - Part 2

<http://www.sbe.org/sections/NetworkSecurity2.php>

IP Network Troubleshooting - Part 1

<http://www.sbe.org/sections/IPTroubleshooting.php>

IP Network Troubleshooting - Part 2

<http://www.sbe.org/sections/IPTroubleshootingpart2.php>

IP Network Troubleshooting - Part 3

<http://www.sbe.org/sections/IPTroubleshootingpart3.php>

AM Ground Systems

<http://www.sbe.org/sections/AMGroundSystems.php>

Transmitter Maintenance Checklist

<http://www.sbe.org/sections/TransmitterChecklist.php>

And many others at:

<http://www.sbe.org/sections/WebinarsbySBE.php>

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[IRLP Hamnet](#)

March 6<sup>th</sup> & 20<sup>th</sup> / April 3<sup>rd</sup> & 17<sup>th</sup> @ 9pm EST

The SBE IRLP HAMnet is based in Denver using the repeater 449.625 (in Denver, 141.3pl), IRLP

Node #9615, Echolink \*SBE\*, or node #96150 on the first and third Mondays of each month at 9:00 p.m., U.S. Eastern Time, 6:00 p.m. Pacific. The SBE IRLP Reflector, Node 9615 is connected to the world via Echolink. Amateurs can access the reflector via Echolink using a computer as well as via radio. This reflector is also connected to the WA2CBS repeater in New York City. The Echolink connection is via Node #96150, or \*SBE\*.

<http://www.sbe.org/sections/IRLP.php>

[HF Hamnet](#)

March 12<sup>th</sup> / April 9<sup>th</sup> @ 8pm EST

The HF HAMnet takes place on the second Sunday of every month at 2400 GMT. Hal Hostetler, CPBE, WA7BGX, serves as net control. The published frequency is 14.205MHz. Occasionally, that frequency is busy and you may need to move up (no more than 10kHz) to find the SBE meeting.

<http://www.sbe.org/sections/IRLP.php>

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[Articles from SBE Website:](#)

[Nominations Open for 2017 SBE Awards](#)

January 30, 2017

By Mike Hendrickson, CPBE, CBNT  
Awards Committee Chair

The time has come to nominate SBE members and chapters for SBE awards. Please consider your chapter and chapter members when you think about these awards. There may be an individual in your chapter who has been an outstanding engineer, educator or mentor for new broadcast engineers. Recognize that person by nominating him or her for the Robert W. Flanders SBE Engineer of the Year or the James C. Wulliman SBE Educator of the Year awards.



Perhaps someone has written a notable technical article or presented a technical paper at a meeting. The SBE Freedom Award recognizes an individual or group that has performed extraordinary service to the United States through the use of media technology. For the hardware and software side, the SBE Technology Award recognizes the person, group, or company that has developed innovative new technology or systems for media technology.

These are a few of the awards that are presented each year by the SBE. Of the 13 awards that are presented each year, the local chapter or SBE member nominates for 10 of them.

Many SBE members are highly qualified and deserving of recognition. Likewise, many chapters do an excellent job promoting the ideals and goals of the SBE. I urge you to nominate these members and chapters so they can receive the recognition they deserve. Nominate someone or a chapter today.

All the national awards were created to recognize the efforts of members and chapters. Find all the details on the SBE awards at [sbe.org/awards](http://sbe.org/awards). If you have any questions or need further information, please contact Certification Director Megan Clappe at [mclappe@sbe.org](mailto:mclappe@sbe.org) or me at [mhendrickson@sbe.org](mailto:mhendrickson@sbe.org).

<http://sbe.org/sections/news/2017SBEAwardsNominations.php>

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### Initial Findings of the 2016 EAS Nationwide Test January 3, 2017

At the end of December, the FCC released an initial overview of the nationwide EAS test results and highlighted several opportunities for strengthening the EAS. The Federal Emergency Management Agency (FEMA), in coordination with the Federal Communications Commission (Commission) and the National Weather Service (NWS), conducted a nationwide test of the

Emergency Alert System (EAS) at 2:20 p.m. EDT on Sept. 28, 2016. The nationwide test was designed to assess the reliability and effectiveness of the EAS, with a particular emphasis on testing FEMA's Integrated Public Alert and Warning System (IPAWS), the integrated gateway through which common alerting protocol-based (CAP-based) EAS alerts are disseminated to EAS Participants.

The test also provided the Commission an opportunity to evaluate improvements made to the EAS since the 2011 nationwide EAS test and to improve its ability to monitor the performance of EAS Participants during nationwide EAS tests. At the direction of the Commission, the Public Safety and Homeland Security Bureau launched the EAS Test Reporting System (ETRS), an electronic filing system and related database, on June 27, 2016. Using ETRS for the first time, EAS Participants nationwide registered accounts and submitted identifying information regarding their participation in the EAS. In the hours following the nationwide test, EAS Participants submitted "day of test" results that indicated whether they successfully received and retransmitted the test alert. EAS Participants submitted detailed analyses in the weeks following the test that specified how they received the alert and identified any complications they experienced during the test.

The FCC reports that the Nationwide EAS Test was successful. Initial test data indicates that the vast majority of EAS participants successfully received and retransmitted the National Periodic Test (NPT) code that was used for the test. The improvements made to the EAS using the lessons learned from the 2011 nationwide EAS test and the implementation of the ETRS appear to have significantly improved test performance over what was observed during the 2011 test.

From the data submitted by EAS participants to the ETRS, several steps have been identified where the Commission could strengthen the EAS.



These improvements address problems with poor audio quality, inability to deliver the Spanish alert because of receive timing between the over-the-air test and the IPAWS CAP alert, better access to alerts for people with disabilities, shortcomings in some state EAS plans, improperly configured station equipment, and potential improvements in cybersecurity of the EAS.

Read the FCC's public notice:

[https://apps.fcc.gov/edocs\\_public/attachmatch/DA-16-1452A1.docx](https://apps.fcc.gov/edocs_public/attachmatch/DA-16-1452A1.docx)  
[https://apps.fcc.gov/edocs\\_public/attachmatch/DA-16-1452A1.pdf](https://apps.fcc.gov/edocs_public/attachmatch/DA-16-1452A1.pdf)

[http://www.sbe.org/sections/news/2016eas\\_test\\_findings.php](http://www.sbe.org/sections/news/2016eas_test_findings.php)

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New SBE Facebook Group: SBE Chapters  
November 18 , 2016

The Society of Broadcast Engineers, the association for broadcast and multimedia technology professionals, has created a new group on Facebook called SBE Chapters. Sharing information and experiences is a great path to a more active SBE membership. This group is the official place to post a photo and description of what your SBE chapter is doing. Did you host a terrific presenter? Is your chapter doing something interesting, educational, or just plain fun? This group is the spot to share photos from these SBE chapter events.

[http://www.sbe.org/sections/news/facebook\\_group.php](http://www.sbe.org/sections/news/facebook_group.php)  
<https://www.facebook.com/groups/1809570742658631/>

2017 Officers:

President	<a href="#">Rick Foley</a>	330-509-9650
Vice President	John Clarke	
Treasurer	Mike Orto	330-207-3881
Financial Secretary	Bob Flis	330-744-8611
Secretary	Ben Slagle	

2017 Committee Chairs:

Frequency Coordination		
Under 1 GHz	Wes Boyd	330-565-5129
Over 1 GHz	Bob Flis	330-744-8611
Certification	Dave Brett	330-774-1287

2016 Other Contacts:

Newsletter & Website Editor		
	<a href="#">Rick Foley</a>	330-509-9650





Meeting Minutes

Meeting Date: Thursday, February 9, 2017 Start: 12:37 Number of Attendees: 6 (Sign In Sheet Attached)
Meeting Place: The Magic Tree Pub & Eatery End: 12:44 SBE Members: 6
SBE Certified: 2
Guests: 0
Presiding Officer: Rick Foley Title: President

Minutes From Last Meeting:
Motion to Accept By: Wes Boyd Motion Seconded By: Melissa Limpose
Treasurers Report Given By: N/A
Other Motions Needed: N/A
Motion to Accept By: Motion Seconded By: Vote: (Yea) to (Nay)
Other Motions Needed: N/A
Motion to Accept By: Motion Seconded By: Vote: (Yea) to (Nay)

Committee Reports

EAS John Clarke
N/A

Certification: Dave Brett
N/A

Freq < 1g: Wes Boyd
Frequency Coordinator Certification was discussed

Freq > 1g: Bob Flis
N/A

Meeting Business

Old Business: N/A

New Business: IP codec security was discussed, with emphasis on changing default passwords
Rick Foley discussed the SBE IP security webinars, and is going to see if they are available in a format other than web-based due to limited IP connectivity at meeting location. Rick to check on SBE policy on certification credit for webinars
The OBEC Committee Meeting is March 15. Wes Boyd was asked to represent our local SBE chapter, with chapter paying travel expenses, to be discussed.

Program/Speaker: N/A

Meeting Adjournment

Motion to Adjourn By: Wes Boyd Motion Seconded By: John Clarke