



The Society of Broadcast Engineers

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

October 2016

Like us on FaceBook -[facebook.com/sbe80](https://www.facebook.com/sbe80)

Our website sbe80.org

Twitter: @sbechapter80

Our next SBE Chapter 80 meeting will be at **2016 Broadcasters Clinic Upper Midwest SBE Regional Meeting** October 11-13, 2016 at the Madison Marriott West in Madison

Upcoming Chapter 80 Programs

Tuesday November 15th: Eric Reese, Sennheiser

SBE Certification

2016 EXAM SESSION

August 5-15

November 4-20

APPLICATION DEADLINE

June 3, 2016

September 30, 2016

If you have any questions contact the Certification Director, [Megan Clappe](mailto:Megan.Clappe).

CHAPTER 80 ELECTED AND APPOINTED OFFICERS

Chairman	Mark Hoenecke	WPT	715-845-1319	Mark.Hoenecke@ecb.org
Vice Chairman	Stu Muck	Muck Broadcast Services	920-960-0045	mbsfdl@yahoo.com
Past Chairman	Steve Konopka	WPNE TV/FM	920-336-3541	skonopka@ecb.org
Treasurer	Steve Brown	WHBY WAPL WKSZ WZOR	920-733-6639	sbrown@wcinet.com
Secretary	Bill Moede			
Program Chairman	John Pfankuch	Heartland Video Systems	920-893-0204	jpfankuch@hvs-inc.com
Membership Chairman	Mark Friedman	WPNE TV/FM	920-336-3541	mfriedman@ecb.org
Sustaining Membership	Stu Muck	Muck Broadcast services	920-960-0045	MBSFDL@yahoo.com
Frequency Coord. < 1 GHz	Tim Laes	WGEE WIXX WNCY WROE	920-435-3771	tlaes@new.rr.com
Frequency Coord. > 1 GHz	Bill Hubbard	UW Green Bay	920-465-2510	hubbardw@uwgb.edu
Newsletter Editor	Dave Driessen	WGBA WACY	920-494-2626	dave.dr99@gmail.com
Certification Chairman	Jim Sams	Retired	920-822-5951	jsams@netnet.net
Chapter 80 Webmaster	Mike Steele	WHBY	920-831-5605	msteele@wcinet.com
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

From The BDR.net:

2016 National EAS Test Everything you need to know but were afraid to ask...updated to 10/1/16

October 1- Are you ready for Form Two and/or Form Three, but forgot the URL?
<https://fcc.appiancloud.com/suite/>

The 2016 NPT went off as scheduled, Wednesday the 28th at 2:20PM EDT. Within minutes reports from around the country rolled in. The high points:

1. The vast majority of sites successfully received the test with clear audio, and relayed it as anticipated. This was especially true for those stations which polled the IPAWS server before the LP stations relay.
2. A small number of stations reported failure in one or more aspects:
 - a) Some stations did not receive the test. In many cases, they had not updated firmware. In a few cases, it appears the firmware update "did not take" and needed to be reloaded.
 - b) Some stations did not relay the test. In most cases, this was because the station may have the right firmware, but did not ensure the filters told the machine to relay the test.
 - c) A few stations reported poor audio - this was largely the case where an LP was picked up first, but the received analog signal was not clean.
 - d) A small number of stations reported no audio - silence - during the NPT. As of this moment, suspicion is focused on the upstream station which might have had an update fail to load properly, setting up a situation where the CAP text was not received, while the analog file went missing. (This will be updated as more answers appear.)

UPDATE: At least one TFT converter owner has noted a menu config issue: look for "enable TTS."
 - e) Unknown, as yet, are the number of stations that simply have been ignoring EAS. This will likely be better known after the Forms Two and Three are filed.
3. The multi-lingual aspect of the test came off well, for those receiving the audio from IPAWS. An example of the Spanish NPT is located here <http://www.thebdr.net/articles/fcc/eas/SpanishNPT.mp3> (WDDW-FM - Thanks Gary Timm).
4. A few of the older HollyAnne and other out of production models did receive the NPT, a pleasant surprise. Nevertheless, these models cannot be upgraded from this point and may need to be retired from service.



For more information see the article at The BDR.net

<http://www.thebdr.net/articles/fcc/eas/2016NPT.html>

Sage ENDEC EAS Encoder users,

I have occasionally been asked why a Sage unit seems to always log the IPAWS message with a very delayed time if the Legacy EAS message arrives first. Below, Harold Price from Sage explains why this happens (the Sage doesn't time stamp the CAP message until after the Legacy EAS message finishes airing, even if the CAP message actually arrived long before that) - and Harold explains how to discover the actual time that the CAP message really arrived... Gary Timm

Harold writes...

Currently, if an alert is already sending, as is the case where the message was heard on EAS first, we log the CAP duplicate after the outbound EAS message completes. That is probably the cause of an apparent one minute or more delay. It is also possible that the user has set a 60 second poll time.

You can see the actual arrival time on the Tools page, click the IPAWS button under the Log header. We'll fix this in the future. It has always been like this, it isn't unique to the NPT.

Harold

November Exam Session Application Deadline: September 30

The November exam session application deadline is set to close on September 30. The exam dates will be between November 4-20. Fill out the applicable [certification application](#) and email, fax or mail it to the SBE National Office.

If you have any questions, contact Certification Director [Megan Clappe](#)



Jim Lienau
 Vice President of Corporate
 Technical Services and CTO
 920-617-7101
 Cell: 920-639-0000
 Fax: 920-617-7329
 Pager: 920-613-0151

450 Security Blvd.
 P.O. Box 19079
 Green Bay, WI 54307-9079
 Web: www.cellcom.com
 E-mail: jim.lienau@cellcom.com



EVANS ENGINEERING SOLUTIONS
 216 Green Bay Rd., Suite 105
 Thiensville, WI 53092-1625
 www.evansengsolutions.com

PROBLEM SOLVING BEYOND EXPECTATIONS

Ben Evans, P.E.
 President

Phone: (262) 518-0002 · Cell: (414) 530-8234
 Email: ben@evansengsolutions.com

RENEWABLE ENERGY · WIRELESS COMMUNICATIONS · BROADCAST

WOODWARD RADIO GROUP

Steve Brown, CPBE, CBNT
 Director of Broadcast Engineering
 W9APL Amateur Call Sign

Direct 920.831.5659
 Fax 920.739.0494 • sbrown@wcinet.com
 PO Box 1519 • Appleton, WI 54912-1519




Mark Bartolotta
 Regional Sales Manager

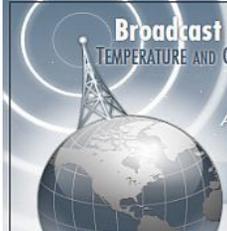
Heartland Video Systems, Inc.
 1311 Pilgrim Road
 Plymouth, WI 53073
 Dir: (920) 893-6743
 Tel: (800) 332-7088
 Cell: (920) 912-1054
 Fax: (920) 893-3106
 EMAIL: mbar@hvs-inc.com
 www.hvs-inc.com

Broadcast & Professional Solutions
 CONVERSION • STORAGE • COMPRESSION • TRANSMISSION
 AUTOMATION • ROUTING • MONITORING • INTEGRATION

Broadcast Communications
 TEMPERATURE AND CLIMATE CONTROL SOLUTIONS

FOUR DECADES AND COUNTING...

Edward A. Rousseau
 (920) 621-1204
 V35B@New.RR.com



American Communications
 LeDuc Properties, LLC

(Jack) Jon Anthony LeDuc

555 Sunrise Circle
 Green Bay, WI 54302

Office: 920.785.0228
 Cell: 920.217.7598
 Jack.Skyking@gmail.com




Office: 920-617-7100
 Fax: 920-617-7021
 5475 Glendale Ave.
 Green Bay, WI 54313
 www.n-sighttower.com



WOODWARD RADIO GROUP

Kelly Radandt
 General Manager

Direct 920.831.5655
 Cell 920.740.2085 • kradandt@wcinet.com
 PO Box 1519 • Appleton, WI 54912-1519



SBE Chapter 80 thanks our our fine sponsors for supporting our chapter