



Where There Is a Will,  
There's a Way

Page 2



Spring Is Around the  
Corner, Which Means  
That Hamfest Season Is  
Starting  
Page 4



Working on Those New  
Year's Resolutions

Page 6

# Allen County HamNews

Fort Wayne Radio Club Fort Wayne DX Association

Allen County Amateur Radio Technical Society

March 2013  
Volume 14  
Issue 3

## SKYWARN SPOTTERS RECEIVE TRAINING

By Jay Farlow, W9LW, quadrant two director, IMO SKYWARN

About 35 people attended SKYWARN spotter training Feb. 26 at the Allen County Public Library. Here are some highlights:

Warning Coordination Meteorologist Michael Lewis reminded spotters of the importance of their reports. He pointed out that studies have shown that members of the general public pay more attention to weather warnings when they include eyewitness reports. In other words, if a tornado warning says a spotter has seen a tornado on the ground, it'll get a lot more response from the public than a possible tornado indicated by radar.

### Reporting Methods

Lewis covered the preferred and less preferred reporting methods.

**Twitter.** Lewis said Twitter is not only the fastest way to get a report in front of meteorologists' eyes; it's also supported by software that automates the process of creating a local storm report (LSR). That means news media and emergency managers see it faster. To send a report via Twitter, include the "hash tag" #nwsix. If possible, attach a photo to the tweet.



**Facebook.** This is the second choice of the NWS. Lewis said it's a bit slower than Twitter and requires manual retyping to create an LSR. "But it's still pretty darn fast," Lewis said. Another advantage of Facebook is that it archives photos and videos, making it easier for meteorologists to look at them after the event. To report via Facebook, Log into your Facebook account and go to the National Weather Service Northern Indiana

Facebook page ([www.facebook.com/US.NationalWeatherService.NorthernIN.gov](http://www.facebook.com/US.NationalWeatherService.NorthernIN.gov)). Click on "Write Post" and enter your report. If possible, include a photo.

**SpotterNetwork.org.** NWS likes this web-based spotter organization ([www.spotternetwork.org](http://www.spotternetwork.org)), in part because it requires spotters to complete the organization's own online independent study training before it accepts reports from them. Also, SpotterNetwork.org conducts quality assurance on reports and suspends people who make inappropriate reports. Michael says SpotterNetwork.org is fast but depends on the speed of the weather forecast office's (WFO) Web connection, which can vary.

**Amateur Radio.** Lewis described amateur radio as "super-fast" but also described a significant issue: Volunteer operators are not always available to staff the amateur station at the WFO, WX9IWX. Also, meteorologists do not monitor the radio traffic; they wait for the volunteer operator to write down a report and hand it to them. Lewis urged amateur radio spotters to use one of the other methods whenever WX9IWX is not on the air.

*Continued on page 5*

### Also this month

Orlando HamCation .....	3	ARRL News .....	9
ARRL Periodicals .....	5	Contest Calendar .....	10
Local Hamfests .....	7	Local Nets .....	11
Foxhunt Chronicles .....	8	Activities Calendar .....	12

### Internet Home Pages

Fort Wayne Radio Club:	<a href="http://www.FWRC.info/">http://www.FWRC.info/</a>
	<a href="http://groups.yahoo.com/group/FWRC/">http://groups.yahoo.com/group/FWRC/</a>
ACARTS:	<a href="http://www.acarts.com">http://www.acarts.com</a>
Fort Wayne DX Association:	<a href="http://www.qsl.net/fwdxa/">http://www.qsl.net/fwdxa/</a>
ARES:	<a href="http://groups.yahoo.com/group/Allen_Co_IN_ARES/">http://groups.yahoo.com/group/Allen_Co_IN_ARES/</a>
IN_PACKET Yahoo Group:	<a href="http://groups.yahoo.com/group/IN_PACKET/">http://groups.yahoo.com/group/IN_PACKET/</a>

Allen County HamNews is a monthly joint publication of the Fort Wayne Radio Club (P.O. Box 15127, Fort Wayne, IN 46885), the Allen County Amateur Radio Technical Society (P.O. Box 10342, Fort Wayne, IN 46851), and the Fort Wayne DX Association.

Please send any articles, classified ads, or other information to the editor, Ken Helms, AB9ZD, at [ab9zd@arrl.net](mailto:ab9zd@arrl.net). Please put "For Newsletter" in the subject line. Most text and graphics formats are acceptable. Microsoft Word and JPEG are preferred if separate files are used. For those without computer access, please mail your submission to either of the clubs post office boxes.

The deadline for the each issue is the first day of the month.

# Hamsplatter

Fort Wayne Radio Club

P.O. Box 15127, Fort Wayne, IN

## THE PRESIDENT'S CORNER

One principle that I have always espoused is "Where there is a will there's a way", especially when it comes to Stealth Antenna operating. This last weekend, I participated in the CQ Magazine



World Wide DX contest for 160 meter SSB. With about 3 hours operating time, I managed 39 contacts in 19 different states. Now, there are those people who will tell you that 160 meters requires full size antennas and about 10 acres of land, I was able to do this with less than 1/4 acre and a 150 foot piece of wire at 20 feet and an MFJ 941E Tuner. Sure, I did not rule the band, and some stations had me repeat the call and state about 5 times, but we got the job done. I surprised to work some SSB stations that were running QRP power levels (with a good antenna of course). The moral to the story: keep trying!

If you love Vintage Radio Gear, this month's meeting deserves to be marked on your Refrigerator's Master Calendar! On March 15th, Jack Schutt, W9GT, will be giving a presentation on vintage Radio at the March FWRC general meeting. Jack, you will remember, is the guy who usually brings a really cool AM vintage station to the FWRC Field Day operation. Real radios glow in the dark, and strain the heck out of our generators, but they sure sound so good on the air! You can join in the fun as well. When the FWRC Business meeting is done, and we break for 10 minutes prior to the presentation, we invite you to bring your favorite Boat Anchor to the meeting to show off and maybe discuss with your fellow hams. Whether it is an old Shortwave receiver, or Collins transceiver, Zenith Wave Magnet, or Benton Harbor Lunchbox, bring it along and share some of Ham Radio's colorful past. See you at the meeting!

March is also when Hamfest season starts to ramp up in earnest. Terra Haute (Wabash Valley) is on the 10th, Marshall, Michigan is on the 16th, and Toledo (which is really nice in their new digs) is the following day, the 17th. Toledo is a little easier now that US24 is complete around Waterville, so once you leave New Haven, there are no traffic lights until 1/2 mile to the Hamfest! Attend one of these 'fests, and get your juices flowing for the granddaddy of them all, the Dayton Hamvention, third weekend in May.

For April, we are looking for ideas on an Antenna theme for the April meeting. Got a suggestion? Please let me know! Also in April we will need about 14 amateurs for the Flight to Fight Blood Cancer Walk and run at Fort Wayne Metals, by the airport. Contact me if you are interested in helping out.

Best Regards,

Steve Nardin, W9SAN



**March 15:** Jack Schutt, W9GT, will give a presentation on vintage radios.

### Officers

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Carole Burke, WB9RUS

#### Webmaster

Jay Farlow, W9LW

Unless otherwise scheduled, all meetings are held at the Good Shepherd United Methodist Church, 4700 Vance Avenue, Fort Wayne, IN.

## FWRC MEETING MINUTES

The February meeting of the Fort Wayne Radio Club was held at the Good Shepherd United Methodist Church on 15 February 2013 with club president Steve Nardin, W9SAN, serving as host. There were about 25 guests present.

The assembled group addressed the flag with the Pledge of Allegiance, and then everyone identified themselves and their calls.

Treasurer Bob Streeter provided the following report regarding club finances as of 31 January, 2013:

Income \$2,654.50,

Expenses \$52.75,

Cash on hand \$154.99,

Checking balance \$7,599.94,

Savings balance \$2,042.33.

The Treasurer also noted that the club realized \$402.00 from the January auction, a combination of the proceeds from items donated to the club and sold at the auction, plus the 10% of non-club owned sales accrued to the club. Bob reported that these results were the best ever realized from the auction and expressed his thanks to all that participated, and especially to Woody Woodbury, KC9CGN and to Raytheon, who donated test equipment for the auction, and to auctioneers Chad Beech, W9GGA and Paul Prestia, KA3OPZ who deftly manipulated the audience into spending all kinds of money for the plethora of goodies offered.

And finally, Bob reported that we had received official recognition from ICOM that we had fulfilled all requirements of

the D-STAR Rebate Program and thus were no longer potentially liable to ICOM for the \$3,000.00 cost of D-STAR hardware and software suite they provided us under the rebate program to install D-STAR capability in Allen County and Northeast Indiana.

Al Burke reported that minutes from the November, 2012 meeting can be found in the Ham News and on the club web page. There are no minutes from the December or January meeting since these meetings consisted of the Christmas Banquet and Auction, and there were no formal business meetings for these events.

Al Burke commented on the February Foxhunt. Six hunters participated. The winners, based upon mileage and distance traveled turned out to be Bob Dean, KC9UHU and Dave Spence, KB9VTK, so they will serve as the fox for the March hunt. Details in the form of the Foxhunt Chronicles can be found on the club web page and in the March Ham News.

Steve Nardin reported that Jack Shutt, W9GT will provide a program on vintage (Ham) radios at the March meeting.

Following the formal meeting and a coffee break, Steve Nardin, W9SAN, Jim Pliett, K9OMA, Charles Ward, KC9MUT and Al Burke, WB9SSE provided a Foxhunting technology presentation describing the latest widgets and techniques being employed in the ever changing art of fox-hunting.

Respectfully submitted,

Al Burke, WB9SSE

Secretary, FWRC

## INDIANA SPECIAL EVENT STATION

The American Legion Amateur Radio Club (TALARC) will operate N9L – “November – Niner – Legion,” as a special event station to commemorate the 94th Birthday of the nation’s largest veterans organization headquartered in Indianapolis, Indiana.

In addition to operating SSB on 14.270 MHz, Central Indiana stations may contact N9L on 146.46 Simplex on Friday, March 15 between 10 am and 4 pm EDT and Saturday, March 16, between 9 am

and 4 pm EDT. For stations outside simplex range, N9L will also be available via IRLP Node 4816 (same hours).

A full color N9L certificate will be sent upon receipt of a 9x12 inch SASE to TALARC – The American Legion National HQS, 700 N. Pennsylvania Street, Indianapolis, IN 46204.

Joe March, KJ9M

ARRL PIO, Indiana Section

## ORLANDO HAMCATION REPORT

by NOSO

from the BEARS - STL Newsletter (Boeing Employees' Amateur Radio Society – St. Louis)

My lovely XYL and I had the privilege of attending HamCation in Orlando again this year. There were lots of vendors and flea market slots to walk around and look at. We spent some time at the ICOM, Elecraft and FlexRadio booths looking at next generation rigs, and attended two great seminars: One on Advances in Software Defined Radio (SDR) by Flexradio, and another on New Things for D-STAR by the Georgia D-STAR group. Crowds were small enough on Friday that we got a great 20 minute one-on-one demo of the new Flex 6000 series rigs. Very impressive! We also got to play with the new ICOM IC-7100 (mobile) and ID-51 (HT) rigs. The IC-7100 is an IC-7000 with D-STAR mode. The ID-51 is the latest D-STAR capable HT with features like built-in GPS and automatic D-STAR repeater programming. At the Elecraft booth KX3s were plentiful enough this year that they actually had two on display for folks to examine. A big change from last year! We even got to swap a few “lies” with fellow QRPers at the QRP ARCI booth on Saturday morning. Sunday we left the hamfest early and enjoyed the nice Florida weather by visiting a local Botanical Garden,

The weather was fantastic for this great hamfest. If you ever get the chance to go, I highly recommend it. Makes for a nice winter getaway!



# State of the Arts

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN

## ACARTS PRESIDENT'S MESSAGE

Spring arrives this month, more daylight and warmer days are coming. Winter, so far, has been relatively mild. We are lucky that we have not been hit with the heavy snowfall that has dumped on portions of the Midwest and the northeast not once but twice this year. We can still have a major snowfall but it is getting less likely as every day passes. Let's hope that spring does not bring excessive rain or many violent storms. Spring also means that hamfest season is starting. Marshall, Michigan and Toledo, Ohio, are this month.

The program for the March meeting will be a presentation on "Cheap and easy SDR", based on an article in the January, 2013, issue of QST. Jim, KB9IH, said at the



February Board Meeting that he had purchased the necessary components but could not get the software to function properly. Jai, WJ0J, said that he was very interested in the concept, but had not yet purchased any hardware. He offered to meet with Jim, pick up the hardware, and try his hand at getting the software to function. Jai has accomplished that task so Jim and Jai will make the presentation at the March Meeting.

The ACARTS Spring Banquet will be held in April. The details and reservation information will be published in next month's Allen County Ham News.

73,

Dave Lindquist, W9LKH

## ACARTS FEBRUARY BOARD MEETING MINUTES

The meeting was fairly short with the main item being the selection of the restaurant for the April Spring Banquet. The board could not reach a consensus on the restaurant. It was also announced that the regularly scheduled general meeting on the 19th February would be cancelled in lieu of the Skywarn training on the 26th

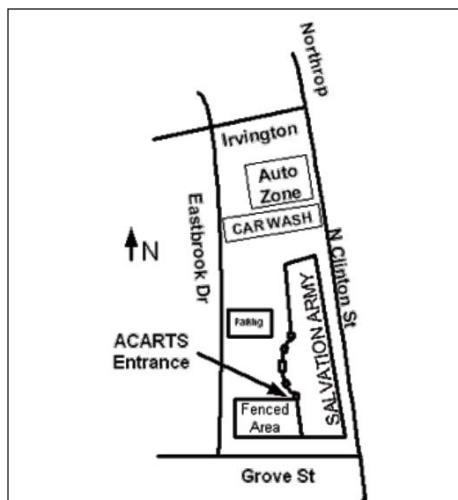
of February. The hamfest on-the-air planning committee meeting would be held on Feb 19th.

73,

Jaiwant Mulik, WJ0J.

**March 19:** "Cheap and easy SDR", based on an article in the January, 2013, issue of QST.

Unless otherwise scheduled, all meetings are held at 7:00 PM at the Salvation Army Center, 2901 N. Clinton Street, Fort Wayne, IN.



## ACARTS Officers

### President

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**CoCoRaHS.** The Community Collaborative Rain, Hail and Snow Network ([www.cocorahs.org](http://www.cocorahs.org)) is a grassroots volunteer network of backyard weather observers who measure precipitation and report it via the Web. The network can also receive reports of severe weather. NWS has access to these reports and considers the speed of this reporting method to be comparable to amateur radio.

**E-spotter.** The NWS operates this web-based spotter reporting system ([espotter.weather.gov](http://espotter.weather.gov)) but not for much longer. Lewis said 2013 is probably the last year that E-spotter will be available. It's running on a server that uses the outdated operating system MS-DOS!

**Telephone.** Lewis gave the audience the toll-free spotter hotline number (888-668-3344) but said the phone is far from an optimal way to make a report. In fact, he said spotters should consider the phone to be a last resort. He said the phone line can get swamped with calls and there can be a considerable delay getting out an LSR.

**Email.** NWS does not really consider email a reporting method, especially for urgent reports like tornados. Lewis said that accessing the email account ([w-iwx.webmaster@noaa.gov](mailto:w-iwx.webmaster@noaa.gov)) is a burden to meteorologists, so the delay can be significant. It's such a problem that Lewis advised spotters who send email to also call the WFO to alert it to look for the message.

So what does the IMO SKYWARN quadrant director recommend? Get a Twitter account and use it but also send every report on ham radio, so other spotters will hear it immediately. Twitter lets you send spotter reports from any cell phone that supports text messaging. And if you have a smartphone, you can shoot a photo and use a Twitter app to share the photo with the WFO. Of course, if you're at an Internet-connected computer, you can use it to send a report via Twitter.

But remember, spotters who monitor our radio nets depend on hearing each other's reports. So if you use another method to report, put it on the radio too. Just make sure the net control station knows you already sent it via another



method.

### Reporting Criteria

Lewis presented the following new set of reporting criteria for 2013:

- **Hail, regardless of size.** Lewis advised, however, that redundant hail reports (same size in a nearby location) are not particularly helpful. If you're uncertain whether your report is redundant, send it anyway.
- **Measured wind speed greater than 50 mph.** Lewis cautioned spotters to make sure they've calibrated their equipment. And he suggested referring to the Beaufort wind chart (available on [www.fwrc.info](http://www.fwrc.info)) to see if the wind is doing damage consistent with the measured wind speed. If not, be suspicious of your anemometer.
- **Wind damage**
  - Report an **estimated** wind speed based on the Beaufort wind chart
  - Report the size (diameter) of broken branches and fallen trees
  - Report the number of trees damaged
  - Report **impacts** (power outages, impassable roads, specific structure damage, etc.)
- **Funnel Clouds or Tornados.** Remember that **rotation** must be present with either feature. Also, do not report a tornado if you can't see **debris** being lifted (for any reason ... it might be a tornado but if you can't see the debris because of a tree line, call it a funnel cloud).
- **Flooding.** Don't drive or wade into the water to measure its depth!

Those are highlights of this year's training session. Feel free to contact [w9lw@arrl.net](mailto:w9lw@arrl.net) with any questions.

## THE OTHER ARRL PERIODICALS

Members of ARRL receive their popular membership journal QST, each month. Each issue is packed with the information, news, construction projects, and tips and techniques you need to get the most out of your Amateur Radio experience – whatever your particular interests might be. You'll find antenna designs, accessories, the most complete and reliable product reviews, and an impressive lineup of columns covering public service, contesting, vintage radio and DXing to name only a few.

Two other publications are also available from ARRL:

### QEX: The Forum for Communications Experimenters

Each issue of QEX brings a variety of practical and theoretical articles, covering RF techniques and equipment—digital and analog, HF through microwaves; antennas and propagation; components and building blocks; design and analysis software; power supplies; oscillators and synthesizers; and much more.

QEX is published bimonthly. Members qualify for preferred subscription rates.

### NCJ: National Contest Journal

The best news and information for contesters! NCJ is packed with a mix of articles on operating techniques, antennas, and station design; news and ideas from contesters around the world; and expert advice for better scores.

NCJ is published bimonthly.

More information on these is available on the ARRL web site:

<http://www.arrl.org/periodicals>

# FWDXA

Fort Wayne DX Association

## NEW YEAR'S RESOLUTIONS

**Carl Luetzelschwab K9LA**

The March 2010 column discussed goals, and I listed my goals at that time. At that time, my remaining goals were 5BWAZ (five band Worked All Zones) and 160-Meter WAZ. Unfortunately I have to admit that these goals fell off my radar screen. To get back on track, during the recent holidays I went through all my old QSLs to see if I could fill in some of the missing zones for these two awards. I actually found a few – now I only need three zones on 40-Meters (17, 23, 26), eight zones on 80-Meters (17, 18, 22, 23, 24, 26, 28, 29), and six zones on 160-Meters (22, 23, 24, 26, 27, 28).

These aren't easy zones, especially on 80-Meters and 160-Meters. One thing I know for certain, though – I'll never work them if I don't try. Thus one of my New Year's resolutions is to get back into the chase for 5BWAZ and 160-Meter WAZ. This will require antenna work, specifically in the area of low-noise receive antennas. I might even need to do something

on 80-Meters – all I have at the moment is an inverted-vee with its apex at about 40 feet.

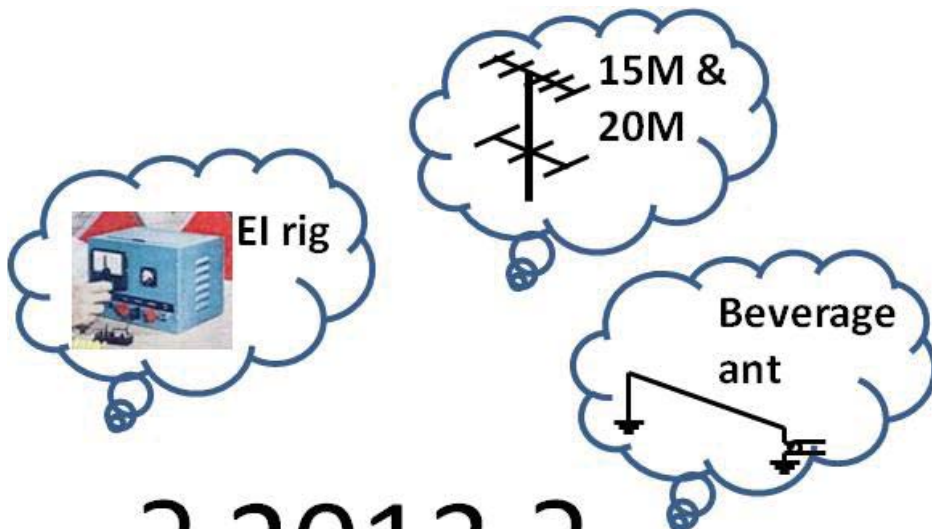
And what about goals tied to Cycle 24? It's a pretty sure thing that Cycle 24 will be an underachiever, with its biggest impact on 10-Meter propagation. I went through the effort of putting up a HyGain 105CA 5-element 10-Meter monobander at 55 feet, and took advantage of it in last year's CQ World Wide DX Contests. Next fall may be the last really good opportunity for 10-Meters until the next solar cycle (assuming Cycle 25 isn't even lower than Cycle 24!). So what will I do when 10-Meters is gone?

That question started me thinking of moving down a band for my contesting efforts. I've never done a single band effort on 15-Meters, so what would it take to be relatively competitive? I believe a monobander at 70 feet would give good account of itself. So I'm thinking of buying a HyGain 155CA 5-element monobander and eventually putting it up.

Carrying this further, what about when 15-Meters goes away due to even lower solar activity? I guess that says I should have something competitive up for 20-Meters. That expanded my thinking to a 3-element 20-Meter monobander, perhaps under the 15-Meter monobander on the same tower. Thus another New Year's resolution is to figure out what to do when 10-Meters eventually goes away.

As for inside work, I have some old equipment in the shack that I've collected over the years from various hamfests and estate sales. I need to fix up those that have problems and use them. I'd also like to build the Novice rig that was in the September 1960 issue of Electronics Illustrated (EI). That issue also had the Novice questions in it, and that issue is what I used to get my Novice license in October 1961. While at the Indianapolis hamfest a couple years ago, I picked up the chassis and front panel from an old Heathkit color bar generator. That would make a great home for the EI rig. Thus another resolution is to work on my vintage equipment.

There's sure a lot of inside and outside work to be done if I carry through on these resolutions. One thing that will help immensely is retirement. I'll be 66 at the end of August, so I'm thinking that would be a good time to retire. Anyway, Snoopy (the Schnauzer) and Cali (the cat) would enjoy my company at home. And they'd help with the outside work by keeping the deer, the squirrels, and the chipmunks in line.



? 2013 ?

The Allen County HamNews is prepared using Adobe's InDesign software along with PhotoShop and Acrobat on an i7 PC running Windows 7.

## 2013 TERRE HAUTE HAMFEST & COMPUTER EXPO

Saturday -- March 9, 2013      9:00 AM to 2:00 PM EST  
Dede Activity Center      Indiana State University  
Indoor Event - Rain or Shine!      <http://www.w9uuu.org/hamfest.html>

## MICHIGAN CROSSROADS HAMFEST & RADIO SWAP

Saturday, March 16th, 8:00 AM - 12:00 PM  
<http://www.w8df.com/hamfest/hamfest2013.pdf>  
Marshall Activity Center (MAC), 15325 W. Michigan Avenue, Marshall, MI 49068  
Sponsored by the Southern Michigan Amateur Radio Society

## A BIT OF TRIVIA

Still being somewhat new to amateur radio, I noticed that a couple of the words in the official ARRL phonetic alphabet are misspelled. "Alfa" is normally spelled "alpha" (the Greek letter). "Juliatt" is normally spelled with one "t" (as Shakespeare did in *Romeo and Juliet*). So I asked ARRL why and got the following reply:

In the official version of the alphabet, the non-English spellings Alfa and Juliatt are used. Alfa is spelled with an "f" as it is in most European languages because the English and French spelling alpha would not be pronounced properly by native speakers of some other languages - who may not know that "ph" should be pronounced as "f." Juliatt is spelled with a "tt" for French speakers, because they may otherwise treat a single final "t" as silent. In some English versions of the alphabet, one or both of these may have their standard English spelling.

It quite common to have language issues -- I have a particularly difficult time with native French speakers -- I've noticed that some Europeans have trouble with Japanese speakers -- really slows down phone DX pileups.

Zack Lau, W1VT  
Senior Lab Engineer

So there you go.



# HAMFEST 2013



## TOLEDO MOBILE RADIO ASSOCIATION

**TMRA 58<sup>th</sup> Hamfest - Radios/Computers/Electronics**

**March 17<sup>th</sup> 8:00 am - 2:00 pm**

Owens Community College  
Student Health and Activity Center (SHAC)  
30335 Oregon Road, Perrysburg, OH 43551

Talk-in: 147.27+      GPS N 41° 35.575' W 83° 32.051'

This Huge Hamfest is Indoors and Security is Provided.  
On Campus Parking is Free and Close to the SHAC

Tables are \$20.00 (floor) \$25.00 (wall)  
All tickets are \$6.00 (12 years or under - free with adult)

TABLE APPLICATION FORMS & INFORMATION ON VE  
TESTING ARE ON OUR WEBSITE -

[www.tmrahamradio.org](http://www.tmrahamradio.org)

### XXXX FORUMS XXXX

9:00am Jim Weaver K8JE Great Lakes Director "ARRL"  
10:00am Al Mytyk W8AII "Introduction to Digital Communications"  
11:00am Jerry Begel W9NPI "The History of Telegraphy - Part 1"  
Noon Jerry O'Reilly "The History of Heathkit"

SEND REQUEST FOR TABLE APPLICATION FORM and/or TICKETS TO  
TMRA, P.O. BOX 9673, TOLEDO, OH 43697-9673  
Please include a SASE for tickets

### PRIZE DRAWINGS

2:00 PM \$500.00 CASH PRIZE (NEED NOT BE PRESENT TO WIN)  
NOON \$250.00 CASH PRIZE (MUST BE PRESENT TO WIN)  
9:00 AM & 10:00 AM - \$100.00 CASH PRIZE (MUST BE PRESENT TO WIN)  
11:00 AM 2m/440MHz HANDHELD TRANSCEIVER (MUST BE PRESENT TO WIN)

## Say Again?

"Sometimes I lie awake at night, and I ask, "Where have I gone wrong?" Then a voice says to me, "This is going to take more than one night."

*Charlie Brown, Peanuts Comic*

# THE FOXHUNT CHRONICLES

The 2013 Foxhunt season commenced on a darkly overcast Sunday, the 10th of February, amidst a cold, breezy and slightly, here and there, snow covered landscape. Aside from the mild frostbite potential, and the outlook for a bone chilling rain, not a bad day for a foxhunt.

The February hunters included the team of Annie and Jim Pliett, KA9YYI and K9OMA, plus Carole & Al Burke, WB9's RUS & SSE, the team of Bob Dean & Dave Spence, KC9UHU & KB9VTK, and the team of Charles Ward & Fred Gengnagle, KC9MUT & KC9Ezp. Stalwart foxhunters Kim & Jim Machamer, KB9's DOS & DOT, and Steve & Linda Nardin, W9's SAN & LAN were not able to participate in this first hunt of the year due to Kim having a case of the Eww-Fung-Gu while Linda is recuperating from a broken hoof which she got from tripping in the garage. Steve didn't attend because he was nervous about the doctor-vet who was eyeing Linda's foot and the pistol he carries in his belt.

Mark Berke, WA7NXI provided the services of the fox all on his lonesome. He himself was the fox, there was no hidden remotely controlled transceiver that served as the actual fox as is typically the case. Mark was ensconced in the itty-bitty Jehl Ft. Wayne Park tucked into the Lake Forest addition behind Georgetown. Most of us didn't even know that Jehl Park existed.

Mark transmitted on 146.310 MHz, the input to the FWRC's 146.91/.31 repeater so that the activities during the hunt could be rebroadcast to the local ham community using the 146.91/.31 machine. Thus a large portion of local hams could "participate" in the hunt without actually being a part of it.



For its part the Pliett-Burke team were employing a vertically polarized cubical-quad antenna on the top of Jim's van this year, replacing the yagi that had previously been used. In addition, Jim installed a GPS tracker driving a Microsoft mapping program and a vector drawing program on his laptop to allow drawing vectors on the map based upon DF bearing measurements taken to triangulate and localize the fox.

The hunters, located at the Off-Track Betting Parlor parking lot at Lima Road and Washington Center Road heard the fox right off the bat. As usual, initial bearings were to the east. This of course meant that the fox could be located in the dreaded New Haven, the bane of all fox-hunting activities because of the strangely screwy things New Haven seems to do to rf signals.

As it turned out, the new cubical-quad lead us to Jehl Park chronologically behind the Dean-Spence team and the Ward-Gengnagle team. It turns out that the Dean-Spence team located the fox 43 minutes after the start of the hunt, Ward-Gengnagle found the fox at 76 minutes while Pliett-Burke took 77 minutes.

Based upon the mileage and time-to-find scoring criterion, the scores for this hunt, and the year-to-date scores are as follows:

So the role of the fox for the March hunt will be provided by the Dean / Spence team.

Following the hunt most everyone buzzed over to the Coldwater Rd. Steak-N-Shake for a hearty repast and a thawing-out.

Respectfully submitted,

Al Burke, WB9SSE

## 2013 Foxhunt Schedule

The following is the planned Foxhunt schedule for 2013. All foxhunts start at 1:30 PM on Sunday afternoons at the Fort Wayne Off Track Betting Complex:

- 3 March
- 7 April
- 5 May
- 2 June
- 14 July
- 4 August
- 8 September
- 6 October
- 3 November

### FOX HUNT YEAR TO DATE POINTS

	WB9YYI	K9OMA	WB9SSE	WB9RUS	WA7NXI	KC9MUT	KC9Ezp	KC9UHU	KB9VTK		
This Hunt	653.5	653.5	653.5	653.5	739	639	639	794.5	794.5		
Total	653.5	653.5	653.5	653.5	739	639	639	794.5	794.5		
This Hunt											
Total											



# ARRL IN ACTION: WHAT HAVE WE BEEN UP TO LATELY?

Compiled by S. Khrystyne Keane, K1SFA  
ARRL News Editor, news@arrl.org

This feature -- including convenient web links to useful information -- is a concise monthly update of some of the things the ARRL is doing on behalf of its members. This installment covers the month of February.

Packets for the 2013 ARRL Field Day are now available.

The International Telecommunication Union is offering a free download of its International Radio Regulations.

The Universal Postal Union introduced a new International Reply Coupon that is valid July 2013-December 2017.

NASA announced it was accepting proposals to host an ARISS contact with astronauts aboard the International Space Station.

The ARRL solicited suggestions for a new IARU Region 2 HF band plan.

Three new "how to" videos were posted on the ARRL website.

The results of the ARRL spring Section Manager elections were announced.

The ARRL assured radio amateurs even thought the American Red Cross will decommission its Emergency Communications Response Vehicles, opportunities still exist to serve the agency.

Development Update: The ARRL Development Office will recognize almost 4000 members this year who have reached membership milestones of 40, 50, 60, 70 and 80 years. Members who reach these milestones receive a certificate and a pin. ARRL Individual Giving Manager Lauren Clarke, KB1YDD, reported that the ARRL Diamond Club is at 13 percent of its 2013 goal (176 donors), the Spectrum Defense Fund is at 6 percent of its goal (173 donors) and the Education & Technology Fund is at 8 percent of its goal (23 donors). Click here to make your contribution to the fund of your choice.

The ARRL Foundation received 212 scholarship applications for the more than 80 scholarships it administers. The Foundation's Board of Directors is review-



ing these applications and awards will be announced in May.

ARRL Lab Test Engineer Bob Allison, WB1GCM, completed testing of a legal limit HF and 6 meter RF amplifier. Afterwards, he used the amplifier as an RF source for testing a 30/300/3000 W power meter.

ARRL Chief Executive Officer Harold Kramer, WJ1B, received the Bringing It Home Award from the Connecticut Convention and Sports Bureau for booking the 2014 ARRL National Convention at the Connecticut Convention Center.

DXCC Desk: Three current operations -- 5X8C in Uganda (commencing in 2012) and the T6TJ (commencing in 2012) and T6BP (commencing in 2011) operations in Afghanistan -- were approved for DXCC credit.

A new Quick Stats Poll was posted to the ARRL website.

The winners of the February QST Cover Plaque award were John White, VA7JW, and Ken Tapping for their article "The Penticton Solar Flux Receiver."

The March print issue of QST and the March/April issue of QEX and NCJ were released to the printer and the digital edition was released to the digital publisher. The March digital edition of QST was made available to ARRL members. Three new books -- Ham Radio for Arduino and PICAXE, Radio Science for the Radio Amateur and The ARRL Repeater Directory 2013-2014 (both pocket and desktop) -- were also released to the printer.

Official Observer Desk: ARRL Field and Regulatory Correspondent Chuck Skolaut, K0BOG, handled complaints concerning hams operating in the Free Band segment between the amateur portion on 10 me-

ters and the Citizens Band portion on 11 meters, repeater jamming, carriers reported on 3.920 MHz and a Citizens Band operator causing interference on 10 meters. He also answered questions concerning operating IRLP control, proper identification when using JT65, amateur transmissions, operating overseas and operating on 3.840 and 14.313 MHz.

Member Contact: ARRL Regulatory Information Branch Manager Dan Henderson, N1ND, attended the ARRL Arizona State Convention in Yuma, Arizona; ARRL Chief Operating Officer Harold Kramer, WJ1B, and ARRL Marketing Manager Bob Inderbitzen, NQ1R, attended the ARRL Southeastern Division Convention in Orlando, Florida.

## ARRL WEBSITE DEBUTS NEW FEATURES

With the vast majority of ARRL members using Internet e-mail to contact Headquarters, the Contact page on the ARRL website at <http://www.arrl.org/contact-arrl> has been completely revamped with e-mail links to a wide variety of individuals and departments. This will make it easier for members to contact the correct person or department according to the nature of their question or concern.

Also, there is a new Features and Columns page that conveniently organizes feature articles and regular columns for easy access. This page includes a link to a new Features Archive where members can browse through older feature articles by title.

# CONTEST CALENDAR

Here are a few of the contests that will be held in the next few weeks. Please refer to the contest Web sites for full rules, scoring information, operating periods or time limits, and log submission information.

Some of the places on-line with information on contest include:

ARRL Contest Corral Web page: <http://www.arrl.org/contests>

WA7BNM Contest Calendar: <http://www.hornucopia.com/contestcal/>

ARRL's National Contest Journal calendar: <http://www.ncjweb.com/contestcal.php>

Contesting On-Line: <http://www.contesting.com/>

HF	Contest Title	Ph	CW	Dig	Exchange & Frequencies (MHz)	Logs Due
VHF+	Dates / Times				Sponsor's Web Site	
1.8-28	ARRL Int'l Phone DX Contest	X			RS and state, province, or power	Apr 21
	Mar 2, 0000Z - Mar 3, 2400Z				<a href="http://www.arrl.org/contests">www.arrl.org/contests</a>	
3.5-14	North American RTTY Sprint			X	Both call signs, serial, name, and S/P/C	7 days
	Mar 10, 0000Z - Mar 10, 0400Z				<a href="http://www.ncjweb.com">www.ncjweb.com</a>	
3.5-14	North American Sprint	X			Both call signs, serial, name, and S/P/C	7 days
	Mar 17, 0000Z - Mar 17, 0400Z				<a href="http://www.ncjweb.com">www.ncjweb.com</a>	
1.8-28	Alaska QSO Party	X	X	X	Serial, call sign, first name, 4-char grid square	2 weeks
	Mar 23, 1800Z - Mar 24, 2359Z				<a href="http://www.kl7yk.us/akqso.htm">http://www.kl7yk.us/akqso.htm</a>	
	VHF Spring Sprints	X	X	X	Grid square (6-character preferred)	14 days
144	Apr 1, 7 PM - Apr 1, 11 PM				<a href="http://sites.google.com/site/springvhfupsprints">sites.google.com/site/springvhfupsprints</a>	
1.8-28	Missouri QSO Party	X	X		RS(T), serial, MO county or S/P/C	May 1
	Apr 6, 1800Z - See website				<a href="http://www.w0ma.org/">http://www.w0ma.org/</a>	
3.5-28	ARRL Rookie Roundup	X			Both calls, name, check, S/P XE# or "DX" w	See web
	Apr 21, 1800Z - Apr 21, 2359Z				<a href="http://www.arrl.org/contests">http://www.arrl.org/contests</a>	
7-28	Florida QSO Party	X	X		RS(T), FL county or S/P/C	30 days
	Apr 27, 1600Z - See website				<a href="http://www.floridaqsoparty.org/">http://www.floridaqsoparty.org/</a>	

## FCC ISSUES \$10,000 FINE TO MISSOURI MAN FOR UNLICENSED OPERATION ON 14.312 MHz

On February 25, the FCC issued a Notice of Apparent Liability for Forfeiture (NAL) in the amount of \$10,000 to Jared A. Bruegman, ex-KC0IQN, of Bolivar, Missouri. The FCC said that Bruegman "apparently and willfully violated Section 301 of the Communications Act of 1934, as amended by operating an unlicensed radio transmitter on the frequency 14.312 MHz in Bolivar, Missouri." Bruegman -- who does not currently hold an Amateur Radio license -- was operating in the phone portion of the 20 meter band that is assigned to the Amateur Radio Service on a primary basis; his Amateur Radio license expired in 2010. As a former Technician class licensee, he did not have privileges to operate in that portion of the 20 meter band when he held an Amateur Radio license.

In December 2012, the FCC's office in Kansas City received a complaint from an Amateur Radio operator, reporting interference on 14.312 MHz. Upon investigation, agents from that office heard a male voice transmitting on the frequency 14.312 MHz. Using direction finding equipment, the agents located the source of the radio frequency transmissions to a transmitting antenna mounted on a pole next to Bruegman's residence. The agents determined that the signals on 14.312 MHz exceeded the limits for operation under Part 15 of the Commission's rules and therefore a license was required to transmit. The agents further discovered that Bruegman did not hold a license to operate a radio transmitter on 14.312 MHz at or near that location.

The agents determined that the source of the transmissions was coming from an unlicensed radio transmitter from a bedroom in Bruegman's residence. "Mr Bruegman was the only person present in the bedroom and the only male in the residence during the inspection," the NAL stated. "Mr Bruegman admitted to the agents that he owned the radio transmitter. The agents observed that the transmitter was turned on and tuned to 14.311 MHz. Mr Bruegman told the agents that he had no current Commission licenses, but that he previously held an Amateur Radio license, call sign KC0IQN. Mr Bruegman told the agents he would remove the microphone from his transmitter and only use it as a receiver."

## Membership Application for ACARTS - and/or - FWRC

Name: \_\_\_\_\_ Call sign: \_\_\_\_\_ License class: \_\_\_\_\_  
 Street address: \_\_\_\_\_ City: \_\_\_\_\_  
 State: \_\_\_\_\_ ZIP: \_\_\_\_\_ - \_\_\_\_\_ Phone #: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ Unlisted?  Yes  
 Email address: \_\_\_\_\_ ARRL Member?  Yes

(ARRL membership helps your club maintain affiliation.)

May we list your name, call & email address in our membership roster and on our club web site?  Yes  No

Both clubs now offer this newsletter as a downloadable (Adobe Acrobat) PDF file, in lieu of a paper copy sent through the mail. For FWRC a mailed paper newsletter is a \$20.00/yr. premium.

How would you like your newsletter delivered?  by snail mail  download from web site.

<b>A.C.A.R.T.S. Dues</b>	
Regular membership	<input type="checkbox"/> \$12.00 / year
Additional family members <sup>1</sup>	<input type="checkbox"/> \$6.00 / year
Student membership <sup>2</sup>	<input type="checkbox"/> \$6.00 / year
Associate membership <sup>3</sup>	<input type="checkbox"/> \$6.00 / year
(New Regular memberships are \$1/month)	

<b>Fort Wayne Radio Club Dues</b>	
Regular membership	<input type="checkbox"/> \$20.00 / year
Family membership <sup>1</sup>	<input type="checkbox"/> \$30.00 / year
Student membership <sup>2</sup>	<input type="checkbox"/> \$5.00 / year
Associate membership <sup>3</sup>	<input type="checkbox"/> \$20.00 / year
Mailed newsletter premium	<input type="checkbox"/> \$20.00 / year
(Memberships for Jul - Dec are 1/2 the stated amounts.)	

1. Please list all names and calls on an attached sheet.

2. K-12 or full time student

3. Unlicensed member

Please attach a check (number \_\_\_\_\_) for the appropriate amount and bring to a club meeting or mail to:

ACARTS	Fort Wayne Radio Club.
PO Box 10342	PO Box 15127
Fort Wayne, IN 46851	Fort Wayne, IN 46885

For dual membership, fill out both sides and send two checks to either club. Payment by check is strongly encouraged!

### ACARTS Voice Repeaters

146.880 (-) General use / Skywarn priority  
 147.255 (+) General use  
 443.800 (+) General use  
 (For autopatch 88 has only speed dial emergency #'s.)

### ACARTS Digital Repeaters (digirepeaters)

144.390 (s) APRS - wide  
 145.530 (s) W9INX-1 Digipeater and Node

### Fort Wayne Radio Club Repeaters

Voice:  
 146.76 (-) General use  
 146.94 (-) General use with autopatch  
 146.91 (-) EchoLink connection repeater  
 Node number 519521  
 444.875 (+) General use  
 ATV: 439.25 In, 910.250 Out, 144.340 Audio & control

### D-STAR

442.99375, Offset + 5.0 MHz, W9TE \_\_\_ B, W9TE \_\_\_ G  
 Indiana D-STAR net, 1st and 3rd Thursday, 7:30 - 8:30,  
 Reflector REF024B

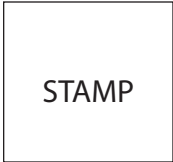
### Area Traffic Nets

(please submit any changes or corrections to the editor)  
**IMO:** meets nightly at 6:30 p.m. on 146.88-  
**Tri State Two Meter Net:** meets daily at 7:00 p.m. on 147.015+  
**21 Repeater Group:** Wed. at 7:30 p.m. on 147.150  
**Help and Swap Net:** Mon. at 9:00 p.m. 146.94(-)

**Daily Indiana Traffic Net:** 3.910 @ 8:30 a.m. & 4:30 p.m. local.  
**Daily (QIN) Indiana Section CW net:** 3.535 @ 8:30 a.m. & 8:00 p.m. local times.

### Miscellaneous Nets

**Allen Co. ARES Training Net:** Tue. at 9:00 p.m. on 146.94-  
**Huntington ARES:** Sat. at 8:00 p.m. on 146.685-  
**Whitley Co. ARES:** Wed. at 8:00 p.m. on 145.270  
 (Note 131.8 PL disabled for all nets)  
**Whitley Co. Sunday:** Sun. at 8:00 p.m. on 444.550+, 131.8 PL  
**"No-Name" Net:** 8:30 pm Sunday and Wednesday nights. 1.965 MHz or cross band on the 146.91 repeater.  
**Little Red Barn Net:** Weekdays @ 8:30 a.m. on 3820 kHz. Thursdays at 3826 kHz.  
**Northeast Indiana Packet Net:** Sunday at 9:00 p.m. on 145.530 @ 1200 baud. We use unconnected converse mode to communicate for a roundtable net setting. Use your "UNPROTO" command or equivalent to set Digi path(s) through the strongest station(s) needed between you and your destination. Only use those that are necessary! Have all your "Monitor" settings on so you can see everyone.  
**FWRC YL Net:** Wed. 7:00 p.m. on 146.76-  
**FWRC 6 Meter Net:** Tue. 8:00 p.m. on 50.580 USB  
**6 Meter AM Net:** Thurs. 8:00 p.m. on 50.580 AM  
**FW Area Student Net:** Wed. 9:00 p.m. on 146.91-  
 If you know of any corrections that need to be made, please contact the newsletter editor.



To:

## Activities Calendar



Date	Time	Event	Place
03/03/2012	1:30 PM	Foxhunt	Fort Wayne Off Track Betting Complex
03/05/2013	7:00 PM	FWRC Board Meeting	GSUMC
03/12/2013	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
03/15/2013	7:00 PM	FWRC General Meeting	GSUMC
03/19/2013	7:00 PM	ACARTS General Meeting	Salvation Army Facility
04/07/2012	1:30 PM	Foxhunt	Fort Wayne Off Track Betting Complex
04/09/2013	7:00 PM	FWRC Board Meeting	GSUMC
04/09/2013	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
04/19/2013	7:00 PM	FWRC General Meeting	GSUMC
TBD		ACARTS Spring Banquet	TBD
11/16 and 11/17/2013		Fort Wayne Hamfest	Allen County War Memorial Coliseum