



Allen County HamNews

Fort Wayne Radio Club Fort Wayne DX Association

Allen County Amateur Radio Technical Society

March 2014
Volume 15
Issue 3

SKYWARN QUADRANT NET MAKES SMALL CHANGES

By Jay Farlow, W9LW
Quadrant 2 Leader, IMO SKYWARN

The net control station (NCS) team for the IMO SKYWARN Quadrant Two Net on 146.88 MHz has made some slight operational changes as we enter the 2014 severe weather season.

The main change affects when directed SKYWARN nets will begin. Effective immediately, a directed net will begin any time a tornado warning is issued for any part of Allen County, Ind. In addition, if a liaison from a county SKYWARN net requests a directed quadrant net, a directed net will begin. Finally, SKYWARN NCS have the authority to begin a directed net at any time they deem it necessary. In general, an NCS will begin a directed net anytime the amount of spotter traffic or expected traffic warrants disrupting normal repeater operation.

Please remember that when a directed net is in session, all stations are requested to refrain from transmitting on the frequency *except when they have observed something that meets National Weather Service (NWS) reporting criteria* (or when the NCS requests information from them). During a directed net, stations should not transmit information obtained from

broadcasters, announce the activation of sirens, etc. as such transmissions are not first-hand reports that meet NWS criteria.

Because of the second minor change in procedures, stations should not plan to use the SKYWARN net as a primary means of obtaining information from the NWS (e.g. warnings, special weather state-



204 people from several counties attended SKYWARN spotter training at Columbia City High School Feb. 18. (NWS photo)

NWS Reporting Criteria

- Tornado (debris visible)
- Funnel cloud (rotating, no debris visible)
- Wall cloud (rotating)
- Wind 50 mph or higher (measured)
- Wind damage (specify)
- Hail (any size)
- Flooding

ments, etc.). With today's technology, even spotters in the field have multiple other means of receiving such information, including portable NOAA weather radios (or amateur radios tuned to the NOAA frequency), broadcast radios, mobile Internet connections and smartphone apps. For this reason and to keep the frequency as clear as possible for spotter reports, net control stations will now severely limit the reading of NWS

Continued on Page 5

Also this month

Amateur CubeSats in Orbit.... 4	Classified Ads..... 10
Area Hamfests..... 7	Contest Calendar..... 10
Foxhunt Chronicles..... 8	Local Nets..... 11
Auburn Amateur Radio..... 9	Activities Calendar..... 12

Internet Home Pages

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

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 at 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 last day of the preceding month.

Hamsplatter

Fort Wayne Radio Club

P.O. Box 15127, Fort Wayne, IN

THE PRESIDENT'S CORNER

First off, a special thanks to the Chris Highlen and the Fort Wayne Astronomical Society for their excellent presentation about their club and their long term plans to build their own observatory at Jefferson Township Park. This is a great example of what a determined club can accomplish when they put their minds to it. If you missed this very well attended meeting, you missed a good one!



OK, most of us are getting sick of winter, so there are a lot of Ground-hog hunters right now that are looking for revenge! If the 'hog saw his shadow on Feb 2nd, then winter should break right about March 15th or so, and that is perfect timing. On the 15th is the first big Hamfest of the season, Marshall Michigan on Saturday, followed by the Toledo Hamfest on Sunday the 16th. I may try to hit both of them. Like many of you I have started my 'list' of items that I need to pick up for various projects like Fox Hunt gear, antennas and feed lines. With spring right around the corner, it can't be too soon!

For some of us the Spring radio projects involve Vintage Radio. The FWRC meeting presentation for the March meeting on the 21st will be another Vintage Radio themed meet put together by Jack Shutt, W9GT, with a little help from his friends. It is always fun and interesting to see the roots of radio and it means a little more now that we are in the ARRL's centennial year. I started out with radios that glowed in the dark, so I love to take a trip down memory lane with these carefully restored and some home brewed pieces of gear. Plan on joining us for this fun meeting.

Don't forget that this is the 100th anniversary of the ARRL. Begun in 1914, they

March 21: Will be a Vintage Radio themed meeting put together by Jack Shutt, W9GT, with a little help from his friends.

have championed the cause of America's Amateur Radio community through two World Wars and countless challenges to our spectrum. Read about it in QST magazine, or check out their web site at WWW.ARRL.ORG to follow the events of this year. I am looking forward to a really fantastic ARRL Expo at Dayton this year! I am sure they will have something special!

Don't forget to be "Radio Active"! Get on the air and enjoy this great hobby!

Best regards,

Steve, W9SAN

FORT WAYNE RADIO CLUB MEETING MINUTES

The February meeting of the Ft. Wayne Radio Club was held at the Good Shepherd United Methodist Church on 22 February, 2014, and was hosted by club president Steve Nardin, W9SAN. There were about 100 people in attendance for this meeting, a very nice crowd indeed.

Bob Streeter provided the Treasure's report. As of 22 February the club had experienced year-to-date income of \$2,176.59 and expenses of \$789.75 for a net surplus of \$1,386.84 so far this year. Cash-on-hand totaled \$101.60, the checking account totaled \$1,660.02, and the savings account totaled \$8,046.26. Club membership totaled 100 souls for the first time in a number of years.

Charles Ward, KC9MUT provided the



Officers

President

Steve Nardin, W9SAN
260-482-4039
w9san(at)arrl.net

Vice President

Carole Burke, WB9RUS
260-637-1989
wb9rus(at)comcast.net

Secretary

Al Burke, WB9SSE
260-637-1989
aburke55(at)comcast.net

Treasurer

Bob Streeter, W8ST
260-672-9737
w8st(at)arrl.net

Communications

Charles Ward, KC9MUT
260-749-4824
kc9mut(at)yahoo.com

Directors

Tom Baker, N9TB
260-747-2714
n9tb(at)arrl.net

Linda Nardin, W9LAN
260-482-4039
lannshs(at)hotmail.com

Kim Machamer, KB9DOS
260-485-8559
jimandkim(at)juno.com

Tom Rupp, KU8T
260-437-4676
gmrepair1(at)aol.com

W9TE Trustee

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.

February Foxhunt report. It was a challenging hunt considering the weather we've been experiencing of late, and was won by Bob Dean, KC9UHU and Dave Spence, K9NDU, so they will serve as the fox for the March hunt. Details of the February hunt may be found in the Foxhunt Chronicles on the club web page and in the March Allen County Ham News.

Steve Nardin reported that the antenna for the 146.910 Echo-Link repeater atop the tower at IPFW has been replaced after several attempts frustrated by the weather. Users should find much improved coverage, especially transmit coverage, now that the new antenna is operational. Details can currently be found in the February edition of the Allen County Ham News.

Steve asked members to read the article "To tone or not to tone: That is the question" on the current FWRC web page. The article addresses the initiative being put forth by the Indiana Repeater Coordinating Committee and Indiana Repeater Council that will require that CTCSS tones be present on the inputs of all coordinated Indiana repeaters in order to access them. This has hardware implications for all users, as well as for the operators of the repeaters. The implications, which may be controversial, are addressed in the article, so club members are encouraged to read the article and address any concerns to Steve or other club officers.

Joseph Lawrence, KB9RFZ announced his intention to run for the position of ARRL Indiana Section Manager against incumbent Lou Everett, WA5LOU in the upcoming ARRL elections. To this point he addressed why he intended to run for the position and circulated a petition necessary to put his name in the hat for nomination. Brian Jenks, W9BGJ then took the floor to state his support for Joseph's decision to run for the office. More than the required number of ARRL members signed the petition.

Brian also noted that he was intending to organize classes for those desiring to upgrade to General, and also to Extra class licenses. He expected to initiate the classes starting 1 April. Details to follow, or contact Brian at: 260-484-5060, w9bgj(at)arrl.net.

Dave Van Door, W9WEL announced

that he had been appointed a Tech Specialist by the ARRL and that his specialties lie in the areas of trouble-shooting, solid state receivers, antennas, serving as an "Elmer", and cw operating. He is available for anyone that might need help. Contact info is: 260-432-9397, dlvandoor(at)hotmail.com.

Steve Nardin announced that Bill White, KB9YTR is soliciting for ham support for the Save Maumee canoe trip to Toledo, 18-26 April. Details regarding the initiative can be found on: savemaumee.org, or you can contact Bill at: 260-267-9179.

Dan Ward, N9WLW announced that he is soliciting ham support for the upcoming Indiana Trail IT-100 (100 mile) foot race to occur 26 & 27 April at Chain-O-Lakes State Park in Albion. About 60 hams are needed to support this event. If you can help out, contact Dan at: 260-402-7561, n9wlw(at)yahoo.com.

Last but not least, Jim Moehring, KB9WWM sent word that he was looking for support for the upcoming Hoosiers Out On Tandems (HOOTS) event to occur over the Labor Day weekend. HOOTS (<http://tandemhoots.ning.com/>), is expected to involve around 800 people riding 400 tandem bicycles in the Ft. Wayne area 30-31 August. Contact Jim at: 260-493-8326, servo300(at)aol.com if you can help out.

Following the business meeting Chris Highlen of the Ft. Wayne Astronomical Society (www.fortwayneastronomicalociety.com) gave an outstanding presentation of the history, current activities and future plans of the Astronomical Society including a very impressive slide presentation. If you missed this program, you missed a good one.

Respectfully submitted,

Al Burke, WB9SSE

Secretary, FWRC



FWRC February meeting photos provided by Tom Rupp - KU8T. (More on page 5.)

State of the Arts

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN

ACARTS PRESIDENT'S MESSAGE

I'm not even going to talk about the weather as I have for the last two months except to say that it will eventually improve. I just don't know when.

The start of the hamfest season is with us with Marshall, Michigan, and Toledo, Ohio, coming up in the middle of the month. Hopefully, the weather will be good enough and the roads possible to get to one or both of them.

The March program on the 18th will



be a presentation by Jim Boyer, KB9IH, on MSDR. MSDR is a technique to upgrade older analog radios to digital signal processing by utilizing the existing RF sections and digitizing the IF with a low cost board and using MSDR software to demodulate and digitally process the audio.

It sounds like a great way for people using older HF rigs to enjoy the perks of the modern transceivers.

73,

Dave Lindquist, W9LKH

MORE AMATEUR RADIO CUBESATS RELEASED INTO ORBIT FROM ISS, LAUNCHED FROM JAPAN

From ARRL News

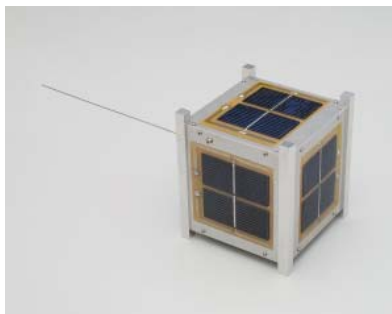
Several Amateur Radio CubeSats, including LituanicaSAT-1 and Litsat-1, have been deployed into orbit from the International Space Station. LituanicaSAT-1 and LitSat-1 are Lithuania's first satellites. NASA reported that the nanosat deployments took place February 26, 27, and 28. The ISS crew also released ArduSat-2 (Arduino Satellite 2, an improved 2 unit version of the single-unit ArduSat-1), UAPSat-1, Chasqui-1, and the non-amateur 915 MHz SkyCube.

Seven Japanese Amateur Radio satellites also launched successfully from Earth February 27. They include the ARTSAT: INVADER CubeSat (call sign JQ1ZKK) and six other Amateur Radio satellites, along with the Global Precipitation Measurement

(GPM) core observatory satellite.

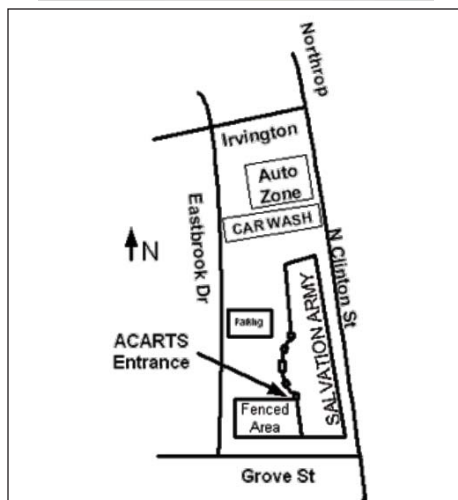
For the full article, see:

www.arrl.org/news/more-amateur-radio-cubesats-released-into-orbit-from-iss-launched-from-japan



March 18: The program will be a presentation by Jim Boyer, KB9IH, on Modulation – Demodulation Software Radio (MSDR).

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

Dave Lindquist, W9LKH
260-485-6135
w9lkh(at)comcast.net

Vice President

Dave Keiser, WB9UNL
260-244-3322
wb9unl(at)yahoo.com

Secretary

Dan Soper, KB9NGM
260-637-5787
dlsoper(at)frontier.com

Treasurer

Howard Pletcher, N9ADS
260-747-5252
hrpletch(at)gmail.com

ACARTS Managers

Fundraising Manager:

Jim Boyer, KB9IH
260-489-6700
kb9ih(at)arrl.net

Station Managers (Acting)

Dave Lindquist, W9LKH
260-485-6135
w9lkh(at)comcast.net
and Jim Boyer, KB9IH
260-489-6700
kb9ih(at)arrl.net

W9INX Trustee:

Dave Lindquist, W9LKH
260-485-6135
w9lkh(at)comcast.net

Directors at Large

Bob Erb, N9PWM
260-466-7772
roberterb(at)hotmail.com

Bernie Holm, K9JDF
260-485-0164
bgholmmg(at)earthlink.net

Larry Eckerley, KF9YP
260-639-3414
lleckerley(at)frontier.com

FORT WAYNE HAMFEST & COMPUTER EXPO

NOVEMBER 15 - 16, 2014

**Sponsored by the Allen County
Amateur Radio Technical Society**

The 2014 Fort Wayne Hamfest & Computer Expo and the will be held on November 15th and 16th at the Allen County War Memorial Coliseum and Exposition Center, located at 4000 Parnell Avenue in Fort Wayne (at the corner of Parnell and Coliseum Blvd).

The 2014 Fort Wayne Hamfest & Computer Expo will be open to the public from 9 AM to 4 PM on Saturday November 15th, and from 9 AM to noon on Sunday, November 16th. Admission is only \$6.00 per person (good for both days), or \$4.00 for just Sunday, and there is plenty of parking in a large, paved parking lot, but please note that the Coliseum charges a \$5.00 parking fee. Children 11 and under are free with an adult.

Say Again?

“It’s a great invention but who would want to use it anyway?”

*Rutherford B. Hayes
U.S. President*

*After seeing a demonstration of
Alexander Bell’s telephone, 1876*

SKYWARN - Continued from Page 1

products on the air, especially during directed nets. Expect, for example, to hear little more than, “A severe thunderstorm warning has been issued for northern Allen County, Indiana.” If you want the details, such as storm location and movement, obtain them via other means. If you haven’t been paying attention to the frequency and want to know why you’re hearing sirens, turn to broadcast or Internet sources, rather than requesting such information during a directed SKYWARN net.

Of course, when SKYWARN is in *stand-by mode*, all stations are welcome to transmit at any time and for any purpose, as long as they keep transmissions short and leave long gaps between transmissions so a spotter can easily break in.

Remember that in the past year, the 146.88 MHz repeater was unreliable (mostly when the weather was warm). As in the past, should the repeater develop problems during a SKYWARN operation, SKYWARN will switch to the 146.76 MHz repeater.

Annual spotter training underway

More than 200 people turned out for the first spotter training session of the season, Feb. 18 in Columbia City. If you missed it, the next opportunity that’s close to Fort Wayne will be March. 17, in Bluffton. Details are available on the NWS website, weather.gov/iwx (click the link near the top that reads, “Training Opportunities from the National Weather Service”). If you plan to attend, the NWS would greatly appreciate it if you would use the link on the website to register. The Columbia City training had to change

rooms because so many people showed up who had not registered. In case you haven’t heard, the NWS will not offer spotter training in Fort Wayne this year.

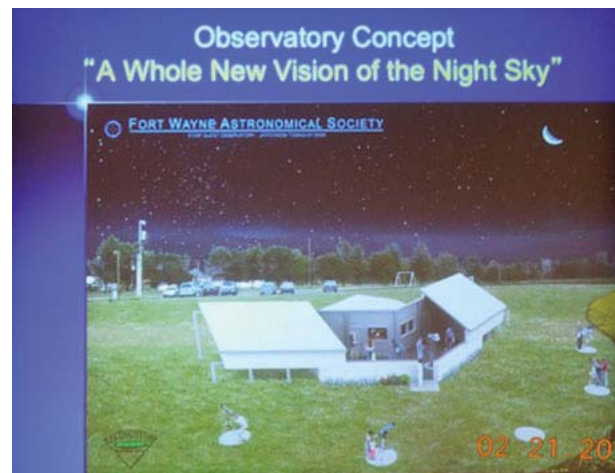
Facebook, Twitter “chats” supplement spotter training

The NWS will supplement live spotter training sessions with online “chats” via Facebook and Twitter, following the schedule below. NWS is accepting questions in advance via a form on its website. It will also accept questions posted on its Facebook page and sent via Twitter. Tweeted questions should include “@NWSIWX” in the tweet.

Although NWS will post answers during the times specified below, you can read the answers by visiting the office’s [Facebook](#) and/or [Twitter](#) pages at your convenience. You don’t need a Facebook account or a Twitter account to read the answers, because both the Facebook page and Twitter page are viewable by the public. You do need a Facebook account, however, if you wish to post questions via Facebook and you need a Twitter account if you wish to post questions via Twitter.

Here’s the schedule for March (all times are ET):

DATE	TIME	TYPE
March 4	4 pm - 6 pm	Facebook discussion
MARCH 11	4 pm - 6 pm	Twitter discussion (Tweet up)
March 18	6 pm - 8 pm	Facebook discussion
March 25	6 pm - 8 pm	Twitter discussion (Tweet up)



Chris Highlen of the Fort Wayne Astronomical Society gave a presentation of the history, current activities and future plans of the Astronomical Society for the FWRC.

(www.fortwayneastronomical-society.com)

FWDXA

Fort Wayne DX Association

NOISE

Carl Luetzelschwab K9LA

The January 2014 column mentioned that I added a low-noise receive antenna to my QTH to help with receiving on the low bands. The problem on the low bands is two-fold with respect to noise: man-made noise and atmospheric noise. Both limit your ability to hear weak signals.



atmospheric noise is a drizzle of noise due to lightning discharges from these distant thunderstorms.

Atmospheric noise is generally weaker at your QTH than man-made noise. What this says is you better pay attention to man-made noise first. Otherwise your effort in putting up a low-noise receive antenna may be a waste of time. To show this, see the accompanying figure. It details the man-made noise in three different noise environments: residential, rural and quiet rural.

The purpose of a low-noise receive antenna is to improve your signal-to-noise ratio (SNR) when noise is arriving at your QTH. Man-made noise generally arrives from a specific azimuth, while atmospheric noise can arrive from all around the compass because it is the noise propagated into your QTH from distant thunderstorm activity (there are about 2000 thunderstorms occurring around the world at any given time). In essence,

With respect to the figure, the horizontal axis is frequency. The left vertical axis is noise power in dBm (power referenced to 1 milliwatt) in a 500 Hz bandwidth (a typical CW bandwidth). The right vertical axis is the noise power converted to S-units assuming S9 = 50 microvolts = -73 dBm, and an S-unit is 5 dB (typical of what I've measured with several receivers). Also included is the sensitivity of a typical modern receiver (the dashed red line), which is

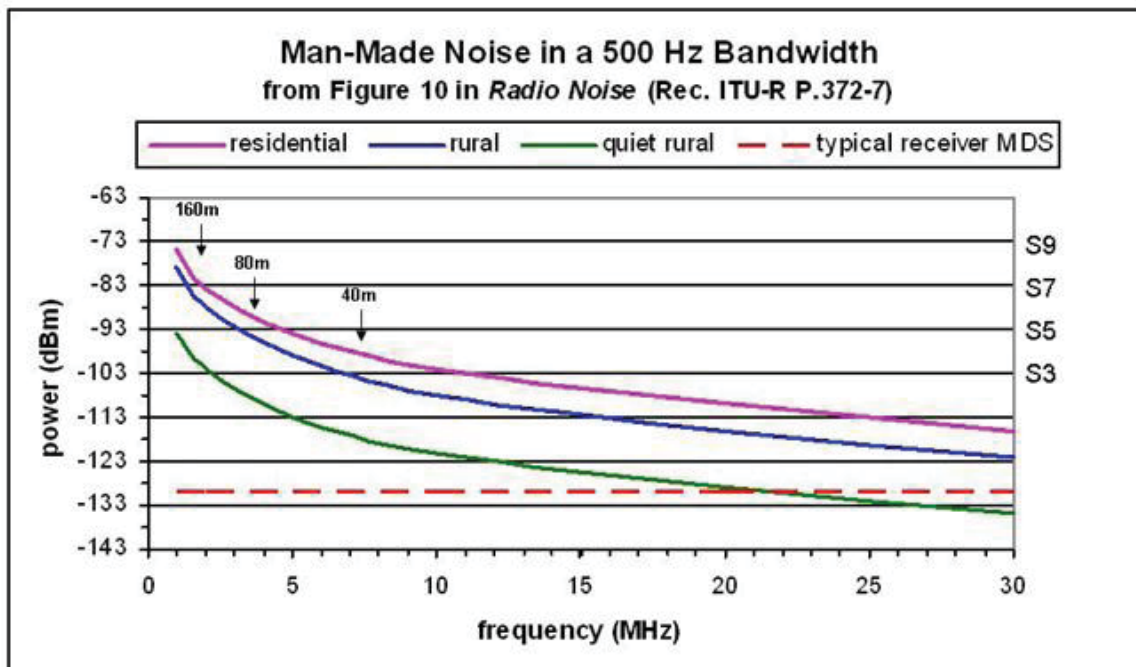
around -130 dBm in a 500 Hz bandwidth.

If you live in a residential noise environment, your man-made noise on 160m is predicted to be around S7. This is generally greater than atmospheric noise on 160m, so installing the low-noise receive antenna may not help much except with specific man-made noise sources. Also note that even on 10m you cannot hear down to your receiver's sensitivity – in other words, you are still limited in hearability by external noise.

In a quiet rural noise environment, your noise on 160m is predicted to be around S3. That's about what mine is. Note that I can only hear down to my receiver's sensitivity on 21 MHz and higher. But a low-noise receive antenna should be helpful on the low bands since atmospheric noise on 160m is generally above S3.

Two caveats are important to note. First, the man-made noise data in the figure is from the 1970s. More than likely noise is higher nowadays due to the proliferation of new-technology devices like PCs, etc. Second, remember the noise data is in a 500 Hz bandwidth. If you're an SSB aficionado, the noise will be about 6 dB higher (about one S-unit).

The bottom line is you should first try to eliminate as much man-made noise as possible. Then you can attack atmospheric noise problem with a low-noise receiving system.



54th Annual
Michigan Crossroads Hamfest & Radio Swap

Saturday, March 15, 2014
Marshall Activity Center (MAC)
15325 W. Michigan Avenue, Marshall, Michigan 49068

Sponsored by the Southern Michigan Amateur Radio Society



General Admission: Saturday, March 15th, 8:00 AM - 12:00 PM
\$5.00 admission fee at the door
Vendor table or 8' space rental \$10.00
Free parking
Door prizes
Amateur Radio Examinations (10:00 AM)
QSL Card-Checking
Talk-in: 146.660 MHz (-600 kHz offset) SMARS Repeater PL 94.8



For more information, visit our website <http://www.w8df.com>, contact Tom, WR8G, at (269) 962-8007 or via email at wr8g@arrl.net. Alternate contact: Doc, K8OLY, at (269) 223-7141.



HAMFEST 2014



TOLEDO MOBILE RADIO ASSOCIATION

TMRA 59th Hamfest - Radios/Computers/Electronics

March 16th 8:00 am - 2:00 pm

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

31ST ANNUAL COLUMBUS INDIANA HAMFEST

SPONSORED BY COLUMBUS AMATEUR RADIO CLUB

<http://www.carcnet.org>

SATURDAY, MARCH 29, 2014

8 A.M. TO NOON

Bartholomew County Fairgrounds - Community Building
750 W County Road 200S, Columbus, Indiana 47201
General Admission - \$5.00 at the door
Talk-in: 146.79 MHz (-600 kHz, PL 100 Hz)

THE FOXHUNT CHRONICLES

Sunday, February 9 marked the date of the first foxhunt of the 2014 season. And this foxhunt was delayed a week from the original start date of the 2nd because of the on-going inclement weather that Ft. Wayne has been experiencing this winter. Wind, cold, snow, more snow, enough already!!



With an additional three inches of overnight snow on the ground, seven intrepid hunters made their way over to the Off-track Betting Parlor parking lot. The seven consisted of the team of Carole and Al Burke, WB9's RUS & SSE, the team of Linda and Steve Nardin, W9's LAN & SAN plus their grandson Alex, and the team of Dave Spence, K9NDU and Bob Dean, KC9UHU. Missing from the ranks were regular foxhunters Jim & Kim Machamer, KB9's DOS & DOT whose vehicle was inundated in a snow bank and was thus out of action, and Jim & Annie Pliett, K9OMA & WB9YYI who were in fact luxuriating on deck chairs on a Cruise ship in the Caribbean. (It being Annie's birthday, Jim gave her the choice of slogging thru the snow on a foxhunt, or a cruise. So guess what she chose.....go figure).

Charles Ward, KC9MUT and Fred Gengnagel, KC9EZP served the role of the fox. They were located at a city park in Grabill. (Did you know that Grabill has two parks?). The high power fox consisted of a mobile rig pumping about 130 watts into a yagi aimed at a water tower to kinda confuse the signal direction of arrival when close-in to the fox location. The fox itself was a micro-fox running about 100 milliwatts of microprocessor derived CW. It was buried beneath the snow in a valley formed between two huge piles of snow which required help from Sherpas to climb. I mean, those snow hummocks were huge.

Now you may ask, "Well, didn't Charles and Fred's footprints in the snow lead one directly to the microfox?.....and the answer is.... No, evil Charles included a leaf blower in his bag of fox-hiding tools and used it to obliterate footprints leading to and around the fox hid location. Remarkably devious wouldn't you say?

Anyway, the fox starting transmitting on the input to the 146.76 repeater promptly at 13:30 and was heard by everyone (except Carole and Al....we didn't have a DF antenna mounted on our vehicle...we tagged along behind Linda and Steve). The first bearings were to the east, and a shudder ran through everyone...."Oh no, not New Haven". But then it became apparent that the fox was well north of New Haven based upon a bearing Jim & Kim Machamer took from their home QTH antenna in Blackhawk.

Eventually we wound our way out to the Leo-Grabill area based upon Linda and Steve's DF readings plus the clues from Jim & Kim Machamer. Let me tell you, those Amish country roads don't quite get the snow clearing attention that the roads in town do. As we passed by Amish folks out and about in their horse

drawn buggies, they would spot the yagi on Steve's roof and you could almost hear them saying, "Crazy Englishmen", or, "I'd have gone with a cubical-quad".

Once in Grabill we started to hear the microfox on our handhelds and that's when we discovered that there were two parks in that town. Of course, we went to the wrong park first and thus were not the first to localize the fox. Dave and Bob got to the correct park first and were afoot when we pulled into the parking lot. Once we climbed the snow mountain and peered down into the valley, we found Dave and Bob, with Charles gleefully taking videos of the goings-on. It turns out that Dave physically found the microfox, but since we were all standing there looking at him, we were all scored as finding the fox at the same time, eighty three minutes after the start of the hunt.

As it turns out Charles got video of all the goings-on, both from a hand-held unit, and also from a remote camera he had emplaced in the area. The videos should be interesting to view, perhaps at a club meeting later in the year.

Given everyone found the fox at the same time, the winners of this hunt turned on mileage. Dave and Bob's mileage was 16.3 miles versus the Nardin's and Burke's mileage of 17.3. So Dave and Bob were the winners and will serve as fox for the March hunt. Since Kim and Jim helped out with DF bearings from their QTH, it was decided that they deserved a few points (50) even though they were unable to physically participate in the fox track down. It was briefly discussed that we should come up with the 50 points by deducting them from Charles and Fred's score considering that they provided neither Yeti protection nor avalanche warning to the fearless hunters at the fox hide

FOX HUNT YEAR TO DATE POINTS

	KC9MUT	KC9EZP	WB9RUS	WB9SSE	W9SAN	W9LAN	ALEX	K9NDU	KC9UHU	KB9DOS	KB9DOT
This Hunt	733	733	619.5	619.5	619.5	619.5	619.5	629.5	629.5	50	50
Total	733	733	619.5	619.5	619.5	619.5	619.5	629.5	629.5	50	50
This Hunt	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-

site, but we decided to be magnanimous and just print the points. After all, the government does the same thing with money.

Scores for this hunt and for year-to-date are listed in the table at the bottom of the previous page.

Following the hunt everyone buzzed over to Culvers on Dupont and chowed down. It was GOOD.

It was decided that the March foxhunt would start from the Public Safety Academy at Patriot Crossing in the Southtown Mall area, and the fox frequency will emit on 146.430 MHz. This is in line with the decision to vary start points since the Off-Track Betting Parlor facilities are moving to another site.

Respectfully submitted,
Al Burke, WB9SSE

2014 Foxhunt Schedule

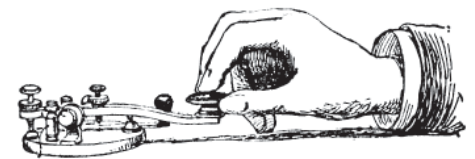
The following is the planned Foxhunt schedule for 2014. All foxhunts start at 1:30 PM on Sunday. Locations to be announced:

March 2
April 6
May 4
June 1
July 6
August 3
September 7
October 5
November 2

A BIT OF TRIVIA



Thinking of spring and the start of baseball's spring training, did you know that Fenway Park in Boston has Morse Code on the scoreboard? In Morse code down the side of the scoreboard are the initials of Thomas A. Yawkey and Jean R. Yawkey, who owned the Red Sox from 1933-93.



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

AUBURN AMATEUR RADIO CLASS GRADUATES EIGHT

Eight applicants have successfully completed a twenty-hour series of classroom study and will be receiving their Technician Class Amateur Radio license from the FCC. Initial training includes study of FCC rules, operating procedures, safety and electronic theory.

The FCC issues three classes of Amateur Radio (Ham) license: Technician, General and Extra. As Hams qualify for each class of license, their operating privileges are increased. Unlike broadcasting stations which are limited to specified frequencies, Amateur Radio operators are allowed to make broad use of the radio frequency spectrum in a wide range of hobby activities.

Anyone with an interest in amateur radio may participate in these classes.

The only charge is for the textbook which the student keeps. All of the training is provided by qualified ham radio operators, eager to assist new amateurs. There is no minimum age requirement

and school students are always welcome.

Training classes are held periodically and arranged through the Northern Indiana Amateur Radio Club, based in Auburn. More information may be obtained

by contacting Dave Southern by e-mail at: KC9YY (at) yahoo.com.

Jack Dold W9OWO



Pictured L to R: Steve Long, Steven Hull, Doug Stout, Richard Mahan, Mark Donley, Lee Everetts, Dave Peters, Shannon Brown and Dave Southern, KC9YY, Trainer.

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/>

ARRL INT'L PHONE DX CONTEST		IDAHO QSO PARTY		NORTH AMERICAN RTTY SPRINT	
MAR 1, 0000Z	MAR 2, 2359Z	MAR 8, 1900Z	MAR 9, 1900Z	MAR 9, 0000Z	MAR 9, 0359Z
1.8-28	PHONE	3.5-28	PHONE, CW, DIGITAL	3.5-14	DIGITAL
RS AND STATE, PROVINCE, OR POWER		RS(T) AND ID COUNTY OR S/P/C		BOTH CALL SIGNS, SERIAL, NAME, AND S/P/C	
www.arrl.org/contests		www.idahoarrl.info/qsoparty/		http://ncjweb.com/	
WISCONSIN QSO PARTY		FELD-HELL LEPRECHAUN SPRINT		RUSSIAN DX CONTEST	
MAR 9, 1800Z	MAR 10, 0100Z	MAR 15, 12 PM	MAR 15, 2 PM	MAR 15, 1200Z	MAR 16, 1159Z
3.5-28	50+ PHONE, CW, DIGITAL	1.8-28	50 DIGITAL	1.8-28	PHONE, CW
WI COUNTY OR S/P/C		RST, S/P/C, FELD-HELL MEMBER NR		RS(T), SERIAL OR OBLAST ABBR	
http://www.warac.org/		www.feldhellclub.org		www.rdx.org	
NORTH AMERICAN SPRINT		OKLAHOMA QSO PARTY		FOC QSO PARTY	
MAR 16, 0000Z	MAR 16, 0359Z	MAR 22, 1300Z	SEE WEBSITE	MAR 22, 0000Z	MAR 22, 2359Z
3.5-14	PHONE	3.5-28	50 PHONE, CW, DIGITAL	1.8-28	50+ CW
BOTH CALL SIGNS, SERIAL, NAME, AND S/P/C		RS(T) AND OK COUNTY OR S/P/"DX"		RST, NAME, FOC NR IF MEMBER	
www.ncjweb.com		www.k5cm.com/okqp.htm		www.g4foc.org	

Classified Ads

Items for Sale

Want to Buy



If you have something you would like to have listed in the classified section then please send an email to the newsletter editor at ab9zd@arrl.net.

Articles, photographs, and classified ads for publication in the *Allen County HamNews* should be emailed to the newsletter editor at [AB9ZD](mailto:AB9ZD@arrl.net) (at) ARRL.NET several days before the first of the month.



MAKERS ... THE FUTURE OF HAM RADIO

MAY 16-18 2014

Friday Activities

8:00 a.m. - 6:00 p.m. Outside Exhibits open. Forums and scheduled bus service available (all buses are scheduled to pick up passengers to arrive at HARA by 8 AM). Programs available at all ticket selling points.

9:00 a.m. - 6:00 p.m. Inside Exhibits open, prizes on display, hourly drawings.

Saturday Activities

8:00 a.m. - 5:00 p.m. Outside Exhibits open. Bus service available.

9:00 a.m. - 5:00 p.m. Inside Exhibits open, forums, exams, scheduled activities.

9:00 a.m. - 3:00 p.m. Hourly prize drawings.

Sunday Activities

8:00 a.m. - 1:00 p.m. Outside Exhibits open.

7:00 a.m. - 3:00 p.m. Bus service available.

9:00 a.m. - 1:00 p.m. Inside Exhibits open; prizes on display.

9:00 a.m. - noon. Hourly prize drawings.

9:15 a.m. - 12:30 p.m. Forums and scheduled activities.

1:00 p.m. Prize Drawings: unclaimed hourly prizes followed by main prizes.

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.

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

Fort Wayne Radio Club Dues	
Regular membership	<input type="checkbox"/> \$20.00 / year
Family membership ¹	<input type="checkbox"/> \$30.00 / year
Student membership ²	<input type="checkbox"/> \$5.00 / year
Associate membership ³	<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 46851-0342	Fort Wayne, IN 46885-5127

For dual membership, send a check to each club for your respective membership. 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 (digipeaters)

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

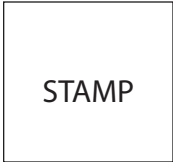
(please submit any changes or corrections to the editor)
IMO: meets nightly at 6:30 p.m. on 146.88-
Tri State Two Meter Net: meets daily at 7:00 p.m. on 147.015+
21 Repeater Group: Wed. at 7:30 p.m. on 147.150
Help and Swap Net: Mon. at 9:00 p.m. 146.94(-)

Daily Indiana Traffic Net: 3.910 @ 8:30 a.m. & 3.940 @ 6:00 p.m. local times.

Daily (QIN) Indiana Section CW net: 3.535 @ 8:00 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.
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-
Indiana HF Traffic Nets Web Site:
<http://www.inarrl.org/inhfnet.html>



To:

Activities Calendar



Date	Time	Event	Place
03/02/2014	1:30 PM	Foxhunt	Public Safety Academy - Patriot Crossing
03/11/2014	7:00 PM	FWRC BOD Meeting	GSUMC
03/11/2014	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
03/17/2014	6:00 PM	Skywarn Training	Wells County Community Ctr, Bluffton
03/18/2014	7:00 PM	ACARTS General Meeting	Salvation Army Facility
03/21/2014	7:00 PM	FWRC General Meeting	GSUMC
04/01/2014	7:00 PM	FWRC Board Meeting	GSUMC
04/06/2014	1:30 PM	Foxhunt	To Be Announced
04/08/2014	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
04/11/2014	7:00 PM	FWRC General Meeting	GSUMC
04/15/2014	7:00 PM	ACARTS General Meeting	Salvation Army Facility
11/15/2014	9 AM - 4 PM	2014 Fort Wayne Hamfest	Allen County War Memorial Coliseum
11/16/2014	9 AM - Noon	2014 Fort Wayne Hamfest	Allen County War Memorial Coliseum