



Fun at the Old Fort, Do It
Again for Field Day

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Month Before Taking
the Summer Off

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Allen County HamNews

Fort Wayne Radio Club Fort Wayne DX Association

Allen County Amateur Radio Technical Society

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Volume 17
Issue 6

FWRC PARTIES AT THE OLD FORT FOR THE INDIANA QSO PARTY



For the Indiana QSO Party this year, the FWRC set up and operated at the site of Historic Fort Wayne (the Old Fort) in downtown Fort Wayne. The contest ran from Saturday morning May 7 until 11 PM that evening. Those who participated had fun plus there were plenty of other visitors to the Old Fort who dropped by to see what was going on.

FWRC plans to be back at the Old Fort for ARRL's Field Day June 25 and 26. If you are interested in participating, the June club meeting will be a planning session for Field Day.

Photos provided by Al Burke, WB9SSE and Steve Nardin, W9SAN. There are more photos of the Indiana QSO Party on pages 7 and 9. Plus there are more photos on the FWRC web pages.



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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 a few days before the end of the preceding month.

Hamsplatter

Fort Wayne Radio Club P.O. Box 15127, Fort Wayne, IN

THE PRESIDENT'S CORNER

Summer is almost upon us, and with it is a plethora of things to do! As many of you know, last month the club operated from the Old Fort in downtown Fort Wayne for the Indiana QSO Party, and it was a resounding success. The noise floor was much lower than expected, the buildings allowed us to spread out the operating stations, and there was plenty of ways to hang antennas. There is even an 84 foot flagpole to hang antennas from! We were warmly welcomed by the group that runs the Old Fort, and we were pleasantly surprised by how many people just wandered thru to see what was going on.

What this all means is that we should have a great Field Day this year, seeing as the Old Fort has agreed to host us for Field Day this year! Be sure to be at the club meeting on the 17th of June, as that will be our planning session for this year's Field Day effort. There has been a flyer put together for this year's Field Day, and everyone is encouraged to download from the Facebook page, print, and distribute as you wish in an effort to spread the word to the public.

Of course, at the start of the month is our monthly foxhunt, June 5th, and as always, everyone is welcome to participate. There is always room for a ride along, and for those at home, please feel free to get on the intercom frequency and let the fox hunters know if you can hear the fox signal! For those of you who have a beam, you can also give a bearing to the signal. I think this may increase the fun factor by a bit for all involved!

Last month's meeting was a great deal of fun, and I wish to thank Erik Molberg for an entertaining evening! At that meeting I had also asked for help in getting ideas for submitting an entry to partici-



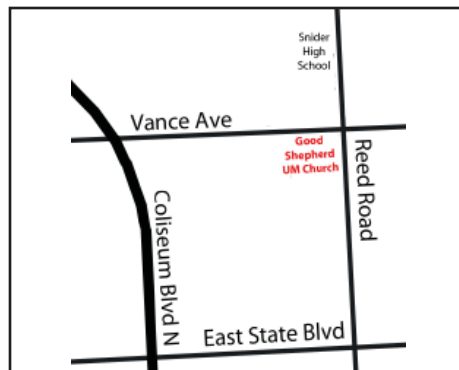
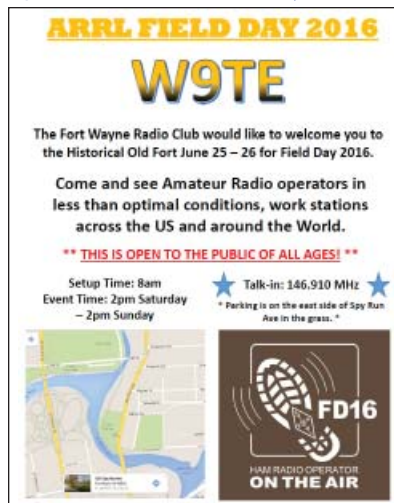
pate in the Three Rivers Festival Parade. To be honest, the response was underwhelming. I did receive a couple of ideas that could have been worked into something do-able, however there was not enough time before the deadline to complete the application for submission. I wish to thank those that expressed an interest in doing this event again this year, and apologize for not making it happen.

All I can do is take away a lesson learned, and try not to let it happen again.

On that note, I do hope to see everyone at the planning meeting for Field Day on the 15th, and at Field Day on the weekend of the 25th and 26th.

Charles Ward

<https://www.facebook.com/FortWayneRadioClub/>



June 17: We will be planning for this year's Field Day effort.

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Jay Farlow, W9LW

Unless otherwise scheduled, all meetings are held at 7:00 PM at the Good Shepherd United Methodist Church, 4700 Vance Avenue, Fort Wayne, IN.

FORT WAYNE RADIO CLUB MEETING MINUTES

The May meeting of the Ft. Wayne Radio Club was held at the Good Shepherd United Methodist Church on 13 May, 2016 and was hosted by club president Charles Ward, KC9MUT. There were about 30 people in attendance. After reciting the Pledge of Allegiance everyone present introduced themselves via their call sign.

Treasurer Bob Streeter (W8ST) provided a financial status report. As of 13 May, 2016 the FWRC financial numbers were as follows:

Income YTD \$1,388.22
Expenses YTD \$2,551.43
Cash of hand \$184.56
Checking balance \$3,426.49
Savings balance \$8,070.27

Charles briefed the crowd about the club participation in the Indiana QSO Party that occurred on the 7th of May. Nine plus club members showed up at the Old Fort facility in downtown Ft. Wayne Saturday morning and set up a combined total of five phone and cw stations which operated principally on 40 and 20 meters from 11am to about 9pm. Propagation was lousy, but a reasonable number of QSO's were made, we think comparable to what other QSO Party participants were obtaining. Charles set up the wireless logging network and captured all of the action, so he will be submitting our logs to the ARRL in the near future. The general consensus of all who participated was that the Old Fort is a great venue, and we look forward to using it for future operating events. Pictures of the goings-on during the QSO Party can be found on the fwrc.info site in the "photos" tab. Check them out. Note that we broke for pizza, (see the photos) and it was gooooooed).

Speaking of future operating events, it has been confirmed that we will be able to operate out of the Old Fort for Field Day. Planning has already started for utilizing the Old Fort venue for the Field Day adventure.

Steve Nardin (W9SAN) announced the results of the May foxhunt. The hunt occurred on 1 May and featured four foxhunting teams. The role of the fox was provided by Jason (KC9OUQ) and

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Radio operators to ham it up at Fort

Amateur radio operators will try to contact other operators on Saturday at the Old Fort.

By Louise Davidson for The News-Sentinel
Thursday, May 05, 2016 9:06 AM

There won't be historical re-enactors or cannons at the Old Fort on Saturday, but there will be a party of sorts, and the public is invited.

From 11 a.m. to 11 p.m. ham radio operators, or hams, will participate in the annual Indiana QSO Party. Hams are amateur radio operators who have been licensed by the Federal Communications Commission to use high-powered radios on different frequencies.

Why have it at the Old Fort? "It's just a tie-in (to the Indiana Bicentennial)," said Steve Nardin, a ham operator whose licensed call sign is W9SAN, but the hams hope to make some records as they contact other stations.

A ham operator can talk over the radio, like people do with cellphones, or they can use Morse code — an alphabet system of beeping dots and dashes — to contact other radio operators. Both types of communication will be going on at the Indiana QSO Party at the Old Fort.

You might think a party involves balloons and hot dogs. Think again — it's actually a contest, part of what Nardin calls a "radio sport."

"A contest between two operators is a QSO," he said in a telephone interview. "During the Indiana QSO Party you try to make as many contacts with stations in Indiana as possible." Nardin, who is the past president of the Fort Wayne Radio Club, now serves on its board of directors and is helping organize the Fort Wayne part of the Indiana QSO Party.



Steve Nardin, center, whose licensed call sign is W9SAN, and two other ham radio operators attach an antenna to a tower. To Nardin's right is Fred Desjardins (KC9CZP) and to his left is the new president of the Fort Wayne Radio Club, Charles Ward (KC9MUT). (Courtesy photo by Fort Wayne Radio Club)

More information

If you get:

WHAT: Indiana QSO Party at the Old Fort — amateur radio operators will try to contact other stations.

WHEN: 11 a.m.-11 p.m. (setup begins at 9 a.m.) Saturday.

WHERE: Old Fort Wayne, 1201 Spy Run Ave. Parking is available at Headquarters and Location parks.

COST: Free.

INFORMATION: Contact the Fort Wayne Radio Club by going to www.fwrc.info. Click on "About FWRC" and click on "Contact" to find telephone and email contact information.

The News Sentinel's article on the club's participation in the QSO party. It is available on-line at:

<http://www.news-sentinel.com/entertainment/Radio-operators-to-ham-it-up-at-Fort>

Deborah (KK4QXC) who hid out at the Mengerson Nature Preserve. The team of Jim and Annie Pliett plus Carole and Al Burke were the first to find the little bugger and thus will be the fox for the June hunt coming up on the 5th of June.

Charles noted that the club is still undecided as to whether it will participate in the Three Rivers Festival parade again this year. If we are going to participate we must submit our application by Saturday, May 14th. And we need to develop a theme specific idea for the FWRC which relates to the overall theme of the TRF, that being the Indiana Bi-Centennial.

Al Burke reported that an Arcom ADR module required to interface the new Yaesu Fusion DR-1X digital repeater with the existing controller used at the Parkview-146.940 MHz site is on order and should be arriving soon. Once it shows up we will integrate the DR-1X with the ADR module and controller on the bench to make sure all is working well. The club's Motorola repeater will be temporarily installed at Parkview in place of the existing Master-II/controller hardware so that the controller can be made available for integration with

the DR-1X. Once that is accomplished the DR-1X will be installed at Parkview and 146.94 will have both analog and C4FM (digital) capability.

Al Burke reported that Sarkes-Tarzan Legal (their lawyers) have returned the marked-up draft lease agreement we had sent them relating to our occupying space on the WLDE tower out on Parrott Rd. In its current form we have two concerns. Sarkes-Tarzan demands that our liability insurance provide coverage of two million dollars per incident of personal injury as opposed to our current policy which provides one million dollars of coverage per incident. We don't know the cost impact of obtaining a policy with the required two million dollar coverage. Our current policy costs the club about \$300.00 per year. The second concern relates to Sarkes-Tarzan Legal's requirement that a Subrogation clause not exist in our insurance policy. However the existence of a Subrogation clause appears to be standard from what we can tell, and it certainly exists in our current policy through the ARRL. We plan to talk to the ARRL or its insurance underwriter to see what our options are. If we cannot find an affordable solution to this issue then our goal of getting on that beautiful tower (at 280') won't be able to be realized.

Following a short break for coffee and cookies, Erik Mollberg, station manager of Community radio station WELT provided an informative program relating to this new asset to the greater Ft. Wayne area. WELT, FM 95.7 is a public supported radio station with studio facilities in the Allen County Public Library downtown, and soon to exist additional studio facilities in the Helmke Library on the campus of IPFW. The transmitter and antenna are in and on facilities at IPFW's Kettler Hall. The FWRC provided a lot of support with the transmitter, feedline and antenna installation and checkout early this year, so we feel we have a vested interest in the endeavor.

Respectfully submitted,

Al Burke

Secretary, Fort Wayne Radio Club

State of the Arts

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN

ACARTS PRESIDENT'S MESSAGE

Bradd, KA9LCF, had a last minute conflict and had to cancel his presentation at the May 17th meeting. He has rescheduled his program and demonstration of Packet to the June, 21st, meeting. Bradd will cover the current status of Packet and the forming state-wide network. If you had operated Packet in the past and thought that it no longer existed, are a current Packet user, or want to see what Packet is all about, plan on attending the meeting. Bradd has been a Packet user for decades and has been providing the area bulletin-board from his site in Auburn for years. I hope that this last minute change has not inconvenienced anyone, and that the change of dates will allow more people to attend.

Thanks to TJ, W9QHY, for bringing his mystery Heathkit to the May meeting and allowing us to remove the covers and determine what it was. TJ had acquired the item at an auction several years ago, and



didn't know whether he could use it, should sell it, or just allow it to collect more dust. It turned out to be a remotely controlled Antenna Matcher that consisted of a control box and a mast mounted box containing a motor driven variable capacitor, with the motor voltage fed

through the feedline. Discussion of the unit and its possible applications provided an interesting meeting.

There will be no board or general meeting in July. No one has come forward so far to propose a club activity for August. Unless someone steps up and proposes an activity and is willing to help organize it, there will probably not be a club activity or general meeting in August. There will be an August board meeting.

73,

Dave Lindquist, W9LKH

President

ACARTS BOARD MEETING MAY, 2016

The meeting was called to order by Dave, W9LKH.

Dave announced that the May meeting would be a program and demonstration on Packet by Bradd, KA9LCF. He added that the June program would probably be a general discussion and the dissection of TJ, W9QHY's, mystery Heathkit, and any-

thing else that members want to bring in and discuss.

Dave stated that Don, WB8HQS, will be doing extensive travelling and would not be able to continue on as the club web-

June 21: Bradd, KA9LCF, had a last minute conflict and had to cancel his May 17th presentation and demonstration of Packet. He has rescheduled it for the June meeting on the 21st.

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



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master and provide updates to the website on a timely basis. He asked if anyone knew of anybody that could take on the job. Howard, N9ADS, said that he has recently gained some website experience and that he would be willing to do the updates. He said that he would get with Don to learn the details of the club website.

Howard, N9ADS, brought up the idea of ACARTS helping the Fort Wayne Radio club with their fundraising for their proposed repeater site on the WLDE/WAJI tower. Howard made a motion for ACARTS to provide matching funds, up to \$1500.00. The motion was seconded by Bob, N9PWM, and passed by a voice vote.

No other business was discussed.

The meeting was adjourned at 8:15 p.m.

Submitted by Dave Lindquist, W9LKH

Download the flier for the 2016 Fort Wayne Hamfest & Computer Expo at:

<http://www.acarts.com/images/2016%20FLYER%20I.pdf>

AMATEUR RADIO LICENSE TESTING

The Dekalb County W5YI group will be conducting an amateur radio license testing session on Saturday, June 4, at the Eckhart public library in Auburn in the second floor conference room from 10am until Noon. Walk ins welcome.

The testing fee is \$14, please bring a photocopy of your license.

ACARTS GENERAL MEETING MAY 17, 2016

The meeting was called to order by Dave, W9LKH.

Our guest speaker for the general meeting Bradd KA9LCF is unable to be here tonight and he will be at our General Meeting on June 21, 2016 to talk about Packet Radio.

Our meeting tonight focused on projects members are working on or questions about equipment. Jim, KB9IH presented the frequency counter he assembled which is programmable for IF. He is currently learning how to use it and asked for suggestions, from those attending, if we have used or seen anything like this. He intends to have the counter as part of the checkout board he is building

to have at our table during the Hamfest. TJ, W9QHY brought the 300 watt dummy load for Jim to use.

TJ, W9QHY brought in a Heathkit SA-2550 Antenna matcher (manual missing) he purchased at an auction of a silent key a few years ago. This antenna matcher was made for a limited time in the 1980's. It didn't take long before those attending started taking of the screws to the faceplate and the control box to see what was inside. It is a tunable capacitor that will operate on HF bands 160 meters up to 10 meters. It is in good condition having never been used.

Meeting adjourned at 8:10pm.

Submitted by TJ Walker, W9QHY

THE NEW AMATEUR EXTRA CLASS LICENSE EXAM QUESTION POOL GOES INTO EFFECT JULY 1

The 2016 US Amateur Extra class license question pool was released in February. The new question pool will be used for all US Amateur Extra exams taken from July 1, 2016 to July 1, 2020. All indications are that most people will find the new question to be more difficult than the previous ones.

Comparing the 2016 Amateur Extra class question pool with the 2012 Amateur Extra class question pool, the following changes were identified:

- 131 questions have been removed
- 142 questions are new
- 60 questions have been updated or revised
- The total number of questions in the question pool increased from 700 to 712

Here is a sample of the new questions (answers are at the end):

E2C04 What type of transmission is most often used for a ham radio mesh network?

- A. Spread spectrum in the 2.4 GHz band
- B. Multiple Frequency Shift Keying in the 10 GHz band
- C. Store and forward on the 440 MHz band
- D. Frequency division multiplex in the

24 GHz band

E3A04 What do Hepburn maps predict?

- A. Sporadic E propagation
- B. Locations of auroral reflecting zones
- C. Likelihood of rain-scatter along cold or warm fronts
- D. Probability of tropospheric propagation

E5B05 What happens to the magnitude of a reactance when it is converted to a susceptance?

- A. It is unchanged
- B. The sign is reversed
- C. It is shifted by 90 degrees
- D. The magnitude of the susceptance is the reciprocal of the magnitude of the reactance

The new question pool can be downloaded at:

<http://www.ncvec.org/page.php?id=365>

Answers:

E2C04 (A), E3A04 (D), E5B05 (D)



Carl Luetzelschwab K9LA

For more years than I'd like to admit, there have been a couple "tunes" running around way in the back of my head. These aren't what you'd call normal tunes – not like the normal two and a half minute or so songs by well-known artists. These are very short and do not have any vocals.

I know where they came from – from my early SWLing days. This was in the late 1950s and early 1960s, and I heard them on my National NC-60 receiver while cruising the short wave bands. I knew they were tied to specific short wave stations, but that's about all I remember.

Now let's fast-forward to several months ago. I mentioned these tunes at one of our Fort Wayne DX Association meetings, and immediately Kelley NT9F said they were interval signals. Every short wave station had a short instrumental tune that uniquely identified their station – especially for their international service. They would play this unique tune when they came on the air, when they changed programs or during breaks during a program.

We have to remember that back in the 1950s and 1960s (and even later) our receivers generally didn't have frequency read-outs that allowed us to go to a specific frequency. We usually had a main tuning dial and a bandspread dial that got us kind of close. Thus if you found a station, heard the interval signal and recognized it, you knew what station you had found.

Knowing now what to look for, I searched the Internet for "short wave interval signals". Wow – I was pleasantly surprised with the number of hits. One of the

SHORT WAVE INTERVAL SIGNALS

first ones that caught my eye was a 7 min 40 sec YouTube video with many of these vintage interval signals. This video can be found at <https://www.youtube.com/watch?v=hFRYKDF2kxs>. To identify these interval signals, scroll down into the Comments – one commenter identified many of them.

Another one that caught my eye was associated with G3XBM's QRP Website. He has a huge collection of interval signals by country. This is at <http://www.interval-signals.net/index.htm>. There are recent interval signals and vintage interval signals for each country.

So thanks to NT9F and the Internet, I finally identified those two tunes that were way in the back of my head. One was from Deutsche Welle, the German short wave broadcast service, and you can download it from http://www.intervalsignals.net/Files/ger-z-dw_rvd_c1965.m3u. Then open it to listen to it.

The other long-ago tune, and the one that really stands out in my head, is from Radio Moscow. Download it from http://www.intervalsignals.net/Files/rus-z-rm_na_service_1961.m3u. Then have a listen.

The fact that these tunes are still running around in my head really says how much of an impact SWLing had on me when I was around twelve years old.



Listening to interval signals brings back fond memories

That's amazing, since nowadays sometimes I can't even remember what I did yesterday!



INDIANAPOLIS MOTOR SPEEDWAY SPECIAL EVENT STATION

The W9IMS special event station operates for the three big races at the Indianapolis Motor Speedway: the Grand Prix of Indianapolis, the Indianapolis 500, and the Brickyard 400. So if you missed the first two races, W9IMS will be on the air July 18-24 for the Brickyard 400.

As in past years, the Indianapolis club will send out QSL cards as soon as possible after each event but it is a huge task. The cards have to be designed, approved, printed, and shipped to the club first. With over 18,000 QSOs a year, that's a lot of cards (all paid for by donations).

A certificate is also available for those working all three races in the same year. The certificates are sent out after the QSL cards have been completed.

For direct QSL requests, provide an SASE with your QSL card containing the date, time, band, mode, and report of the QSO.

To apply for a certificate, please send \$5 and the QSO data for all three events that you worked!

Indianapolis Motor Speedway Amateur Radio Club
P.O. BOX 30954
Indianapolis, IN 46230

For more information including planned frequencies and times of operation:

<http://www.qrz.com/db/w9ims>

LEARN MORE ABOUT WEATHER VIA PODCASTS

By Jay Farlow, W9LW, IMO SKYWARN

If you're interested in learning more about weather and the weather enterprise – especially while driving, exercising or doing anything else when you might listen to music or an audio book – a number of weather-related podcasts might be worth your time.

A podcast is basically a radio talk show that you can play on a web browser or download to a portable device like a smart phone or mp3 player for playback at your convenience. Some smart phone apps will automatically download a podcast's new episodes when they become available. Several interesting podcasts are devoted to weather and often cover topics related to severe weather. Below, I list a few I've listened to and found to be worth my time.

WeatherBrains

WeatherBrains is the granddaddy of weather podcasts. It has been producing a weekly panel discussion for more than 10 years. Led by well-known, Alabama TV meteorologist James Spann, the WeatherBrains panel includes other broadcast meteorologists, a National Weather Service meteorologist and a college meteorology professor. The panel routinely invites guests who are experts on various weather-related topics. Find more information at www.weatherbrains.com or search for "WeatherBrains" on the Stitcher or iOS podcast app or on YouTube.

Tornado Talk

Two radio meteorologists who work for a company that provides audio weather services for radio stations recently created a weekly podcast called, "Tornado Talk." Episodes so far have focused on the 2011 tornado outbreak in Alabama, the 2007 devastation of Greensburg, Kansas, the 10th anniversary of the Hollywood movie, "Twister," the 2011 Joplin, Missouri tornado and tornadoes that occurred in nine states in early May of this year. Because this podcast is produced by radio professionals, it should be no surprise that the production quality is very high. Of all the podcasts to which I listen, "Tornado Talk" sounds the most like a radio documentary that you might hear on a public radio station. Learn more at www.tornadotalk.com. This podcast is also available on the iOS podcast app, Stitcher and Google Play.

Carolina Weather Group

Don't let the title of this podcast fool you. It is not solely about weather in the Carolinas. Like WeatherBrains, this is a weekly panel discussion with several regular panelists. Little information is available on the Web about the backgrounds or occupations of the panelists. Like WeatherBrains, the Carolina Weather Group tackles a different weather-related topic every week, usually with a guest, and some episodes focus on severe weather. Search for the Carolina Weather

Group on YouTube and the iOS podcast app.

Weather Junkies

Two fairly recent graduates of the meteorology school at Pennsylvania State University host this weekly podcast. One is a TV meteorologist and the other is a graduate meteorology student. Like the other podcasts, the Weather Junkies invite a guest each week (often a fellow Penn State grad) to talk about a weather-related topic. Search for Weather Junkies on YouTube, Stitcher or the iOS podcast app.

SKYWARN Net Control Stations Needed

The SKYWARN net based in Fort Wayne continues to seek new net control station (NCS) operators. These operators monitor the SKYWARN repeater during weather watches and begin and lead directed nets when necessary, to assure efficient relay of storm spotter reports to the National Weather Service. A minimum requirement for all NCS operators is completion of NWS SKYWARN training within the past three years (within the past year preferred). Preferred, but not required, is experience serving as NCS of any net. For a complete look at NCS responsibilities, read the net's operations manual on the Fort Wayne Radio Club website. A link appears at the top of the www.fwrc.info/skywarn page. To learn more or to express interest in serving, contact Jay Farlow, W9LW, w9lw@arrl.net.

MORE PHOTOS OF THE INDIANA QSO PARTY



THE FOXHUNT CHRONICLES

May 1st, it's amazing time has flown by so fast this year already. Once again the weather was kind to us for the hunt, although I'm sure many among us are eagerly awaiting for the warm weather to stay. Needless to say, we stayed dry and comfortable for the hunt, despite the forecast threatening rain.

This month we were joined by two new hams. Dick, KD9FIK, and Chris, KD9FII decided to ride along and see what foxing hunting was all about. The teams this time were:

Kim and Jim

Steve and Linda

Charles and Fred

Al, Jim, Carole, and Annie

Deborah and I had a chance to one-up our deviousness from last time, finding a little stretch of woods off of Stellhorn that is part of the Acres Land Trust properties. We didn't know though that the fox had been hidden in this stretch of woods at least two times prior though, but it still made for a fun hunt for most of the hunters (more on that later).

This was my first time operating a high power fox away from the comfort of my vehicle. We parked two blocks over and hiked in the radio, antenna, tripod, and battery source on foot. I converted an old ammo can to hold 5 x 12v 7Ah sealed lead acid batteries. The power I had available

should have lasted me quite some time, even on high power transmissions, but fortunately with a 6dBd gain antenna, I only needed to operate at 10 watts for the hunters to get a reading on me.

With the election primaries coming up, I decided to read some of the Federalists Papers over the air during my transmission times.

It had rained the prior night, and most of the prior week, making the woods quite soggy. We decided to stick to the board walk through the woods, so we wouldn't be hated by the other hunters, and hid the transmitter roughly five feet off of the board walk.

After the third transmission I gave a clue that there was a dry way to find us, and a very soggy way to find us. However, it may have been too late, as reports came back that Jim and Kim may have followed the direction finding equipment very literally, and ended up going the soggy way through the swamp.

Not being satisfied with its first victims, the woods demanded another offering and tried to consume Steve, W9SAN by tripping him off of the board walk. Fortunately, Steve said only his pride was hurt, and his jeans a little dirty.

The fox itself was hidden under a piece of bark, and Jim was the first to find it. Being that the ground was very wet, and the fox was lying on its side, its signal did not

CALL	MONTH SCORE	YEAR-TO-DATE
W9SAN	2	21.55
W9LAN	2	22.55
ALEX	-	7.8
KC9UOQ	6.75	24.35
KK4QXC	6.75	18.35
KC9MUT	3	11
KC9EZP	3	11
AB9IZ	-	5
K9DNU	-	6
KC9UHU	-	5
K9OMA	5	11
KA9YYI	4	10
WB9SSE	4	10
WB9RUS	4	10
KB9DOS	-	7
KB9DOT	-	7
KD9FNM	-	2

radiate very much at all, making it a slight challenge for the hunters to really zero in on it.

All in all it was a good time, and we finished at Culvers for some delicious ice cream.

Next month, the fox is on 147.855 MHz with an intercom on 146.760(-) MHz ctcss 141.3

73,

Jason - KC9UOQ

SIXTEENTH USA NATIONAL ARDF CHAMPIONSHIPS

USA's national championships of *Amateur Radio Direction Finding* returned to the Lone Star state in 2016. The USA ARDF Championships took place in April, sponsored by the Texas ARDF group and the Austin Orienteering Club (AOC).

Primary site of the competitions was about ten miles southwest of Killeen, Texas. The fun got under way on Wednesday, April 6 with optional practice courses. Thursday was devoted to foxoring, a sport that combines RDF and classic orienteering. The sprint event took place on Friday followed by a catered lunch and informational meeting.

Saturday was the classic two-meter ARDF competition with a catered lunch



afterward and an awards banquet at the Parrie Haynes club house in the evening. Then the classic 80-meter ARDF competition got off to an early start on Sunday morning followed by another lunch and awards ceremony.

For more news and photos:

<http://www.homingin.com/>

2016 FOXHUNT SCHEDULE

The following is the planned Foxhunt schedule for 2016. All foxhunts start at 1:30 PM on Sunday at the River Greenway Trailhead at Cobin Memorial Park near Lakeside Golf Course.

June 5
July 10
August 7
September 11
October 2
November 6

MORE PHOTOS OF THE INDIANA QSO PARTY

Photos provided by Al Burke, WB9SSE and Steve Nardin, W9SAN.



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 contests include:

ARRL Contest Corral Web page www.arrl.org/contests

ARRL's National Contest Journal www.arrl.org/ncj

ARRL Contest Update www.arrl.org/contest-update-issues

Contesting On-Line www.contesting.com

WA7BNM Contest Calendar www.hornucopia.com/contestcal/

Contesting Wiki <https://en.wikipedia.org/wiki/Contesting>

DX Zone Contesting www.dxzone.com/catalog/Contesting/

ARRL Contest Calendar www.arrl.org/contest-calendar

ALABAMA QSO PARTY			ASIA-PACIFIC SPRINT, SSB			ARRL JUNE VHF CONTEST		
JUNE 4, 1600Z	JUNE 5, 0400Z		JUNE 11, 1100Z	JUNE 1, 1300Z		JUNE 11, 1800Z	JUNE 13, 0259Z	
1.8-28	-	PHONE, CW	14-21	-	PHONE	-	50+	PHONE, CW, DIGITAL
RS(T), COUNTY OR SPC			RS, SERIAL			4-CHAR GRID SQUARE		
www.alabamagsoparty.org			http://jsfc.org/apsprint/aprule.txt			www.arrl.org/june-vhf		
NAQCC CW SPRINT			ALL ASIAN DX CONTEST, CW			WEST VIRGINIA QSO PARTY		
JUNE 15, 0030Z	JUNE 15, 0230Z		JUNE 18, 0000Z	JUNE 19, 2359Z		JUNE 18, 1600Z	JUNE 19, 0200Z	
3.5-14	-	CW	1.8-28	-	CW	3.5-28	-	PHONE, CW, DIGITAL
RST, SPC, MBR OR POWER			RST, 2-DIGIT AGE			RS(T), COUNTY OR SPC		
http://naqcc.info/sprint201606.html			www.jarl.org/English			www.qsl.net/w/vwsarc		
KIDS DAY CONTEST			RSGB 80 METER CLUB CHAMPIONSHIP, SSB			ARRL FIELD DAY		
JUNE 18, 1800Z	JUNE 18, 2359Z		JUNE 23, '900Z	JUNE 23, 2030Z		JUNE 25, 1800Z	JUNE 26, 2100Z	
SEE RULES	-	PHONE	3.5	-	PHONE	ALL	(No WARC)	PHONE, CW, DIGITAL
NAME, AGE, QTH, FAVORITE COLOR			RS, SERIAL			# OF XMTRS, CLASS, ARRL/RAC SECTION OR "DX"		
www.arrl.org/kids-day			www.rsgbcc.org/hf			www.arrl.org/field-day		

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\(at\)ARRL.NET](mailto:AB9ZD(at)ARRL.NET).

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

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

MUSEUM SHIPS WEEKEND EVENT

sponsored by
The Battleship New Jersey Amateur Radio Station

JUNE 4-5, 2016

0000Z June 4, to 2359Z June 5, 2016

94 Ships Participating This Year

<http://www.nj2bb.org/museum/index.html>



HAM SHACK PHOTO - JOE WALSH WB6ACU



Yes, that Joe Walsh, the Joe Walsh who has played guitar in numerous rock bands. He is also a ham who likes to collect and use vintage ham equipment. Behind him is his good friend Dr. Bob Heil of Heil Sound. Want to know more? Go to Bob Heil's podcast at:

<http://podcasts.heilsound.com/heil-podcast/ep-3-joe-walsh-history-heil-sound/>

Membership Application for ☐ ACARTS 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 ☐ \$12.00 / year
 Additional family members¹ ☐ \$6.00 / year
 Student membership² ☐ \$6.00 / year
 Associate membership³ ☐ \$6.00 / year
 (New Regular memberships are \$1/month)

Fort Wayne Radio Club Dues

Regular membership ☐ \$20.00 / year
 Family membership¹ ☐ \$30.00 / year
 Student membership² ☐ \$5.00 / year
 Associate membership³ ☐ \$20.00 / year
 Mailed newsletter premium ☐ \$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

PO Box 10342

Fort Wayne, IN 46851-0342

Fort Wayne Radio Club.

PO Box 15127

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 AND FWRC REPEATERS

W9INX		ACARTS
146.880 (-)	No tone	General use / Skywarn priority
147.255 (+)	No tone	General use
443.800 (+)	No tone	General use
144.390 (s)	Digital	APRS - wide
145.530 (s)	Digital	W9INX-1 Digipeater and Node
W9TE		FWRC
146.760 (-)	141.3 Hz optional	General use (Note 1)
146.940 (-)	141.3 Hz optional	General use with auto-patch (Note 1)
146.910 (-)	141.3 Hz optional	EchoLink connection repeater Node number 519521 (Note 1)
444.875 (+)	141.3 Hz	General use (Note 1)
439.25 In, 910.250 Out	ATV	144.340 Audio & control
442.99375	D-STAR	General use (Note 2)
224.780 (-)	No tone	W9FEZ, 1.6 MHz offset
Notes: 1. Output 141.3 Hz, present 2. Offset + 5.0 MHz, W9TE ____ B, W9TE ____ G		

AREA NETS

Daily			Tuesday		
8:00 AM	3.535	Daily (QIN) Indiana Section CW net	8:00 PM	50.580 USB	FWRC 6 Meter Net
8:30 AM	3.940	Daily Indiana Traffic Net	9:00 PM	146.940-	Allen Co. ARES Training Net
6:00 PM	3.940	Daily Indiana Traffic Net	Wednesday		
6:30 PM	146.880-	IMO (alternate is 146.760)	7:00 PM	146.760-	FWRCYL Net
7:00 PM	147.015+	Tri State Two Meter Net	7:30 PM	147.150	21 Repeater Group
8:00 PM	3.535	Daily (QIN) Indiana Section CW net	8:00 PM	145.270	Whitley Co. ARES (131.8 PL disabled)
Week Days			9:00 PM	146.940-	Help and Swap Net
8:30 AM	3.820	Little Red Barn Net	Thursday		
Sunday			7:30 PM	D-STAR	Indiana D-STAR net (Note 3)
8:00 PM	444.550+	Whitley Co. Sunday (131.8 PL)	8:00 PM	50.580 AM	6 Meter AM Net
8:30 PM	1.965 & 146.910-	"No-Name" Net also on EchoLink Node number 519521	8:30 PM	145.510 (s)	Allen County ARES Digital Operations Team Training Net (Note 4)
9:00 PM	145.530	Northeast Indiana Packet Net (Note 2)	Saturday		
Monday			8:00 PM	146.685-	Huntington ARES
8:00 PM	224.780-	Fort Wayne 224 Net			

1. All times local time. **Any changes or corrections should be submitted to the newsletter editor at AB9ZD (at) ARRL.NET.**

2. On 145.530 @ 1200 baud. 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.

3. 1st and 3rd Thursday, Reflector REF024B.

4. Net starts using BPSK-31 and switches to BPSK-250 after roll call to pass traffic etc. NBEMS suite of software (FLDIGI, FLMSG, and FLAMP) is preferred.

5. Indiana HF Traffic Nets Web Site: <http://www.inarrl.org/inhfnr.html>

To:

Activities Calendar



Date	Time	Event	Place
06/05/2016	1:30 PM	Foxhunt - River Greenway Trailhead/Cobin Memorial Park near Lakeside Golf Course	
06/07/2016	7:00 PM	FWRC Board Meeting	GSUMC
06/14/2016	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
06/17/2016	7:00 PM	FWRC General Meeting	GSUMC
06/21/2016	7:00 PM	ACARTS General Meeting	Salvation Army Facility
07/05/2016	7:00 PM	FWRC Board Meeting	GSUMC
07/10/2016	1:30 PM	Foxhunt - River Greenway Trailhead/Cobin Memorial Park near Lakeside Golf Course	
No ACARTS Meetings in July			
07/15/2016	7:00 PM	FWRC General Meeting	GSUMC
08/13/2016	8:00 AM	Angola Hamfest	Angola, IN (More Info to Follow)
11/12/2016	9:00 AM	2016 Fort Wayne Hamfest	Allen County War Memorial Coliseum
11/13/2016	9:00 AM	2016 Fort Wayne Hamfest	Allen County War Memorial Coliseum