



Field Day Wrap Up and
It's Time for the Annual
Tailgate Hamfest

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It's Time for the Annual
Picnic at Jefferson
Township Park on
August 11

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KH1/KH7Z NIL !!

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Allen County HamNews

Fort Wayne Radio Club

Fort Wayne DX Association

Allen County Amateur Radio Technical Society

August 2018
Volume 19
Issue 8

TIME FOR THE ACARTS PICNIC AND FWRC TAILGATE HAMFEST



*Everyone had a fun time
at the 2017 picnic so we're
doing it again!*

ACARTS Picnic

Saturday, August 11

4 PM to 7 PM

Jefferson Township Park

1702 Webster Rd, New
Haven, IN

More information on page 5.

FWRC Annual Tailgate Hamfest

Good Shepherd United
Methodist Church parking
lot on Friday August 17th.
Setup starts at 6:00 PM with
the Hamfest itself starting
at 6:30 PM.



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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

FWRC JULY MEETING MINUTES

The July meeting of the Ft. Wayne Radio Club was held at the Good Shepherd United Methodist Church (GSUMC) on 15 July, 2018. The meeting was presided over by President Charles Ward, KC9MUT, there were about 30 folks attending.

Following the Pledge of Allegiance each person introduced themselves via their call sign.

Paul Prestia, KA3OPZ provided a repeater status update:

The 146.760 machine at Robison Park is operating with low output power (about 10 watts) due to a sick power amplifier. Al Burke, WB9SSE removed the P.A. from Robison Park and brought it to the meeting for Tom Rupp, KU8T who will put it on his bench with the intent of fixing whatever went "blooey" (a technical term) in it.

The 146.910 machine at IPFW will be upgraded with a new Echo-Link suite of equipment that Paul Prestia has fabricated. The upgrade is planned to occur on the 24th of this month. We will also check the alignment of the duplexer receive and transmit cavities which are believed to be slightly out of adjustment at present.

Permanent and robust grounding of the Parrott Rd. enclosure (housing the 146.940/Fusion and the D-STAR systems) has been completed, tying the enclosure ground into the WLDE tower ground grid.

The 444.875 machine (Robison Park) and the 146.940/Fusion and D-STAR machines (Parrott Rd.) seem to be operating nominally.

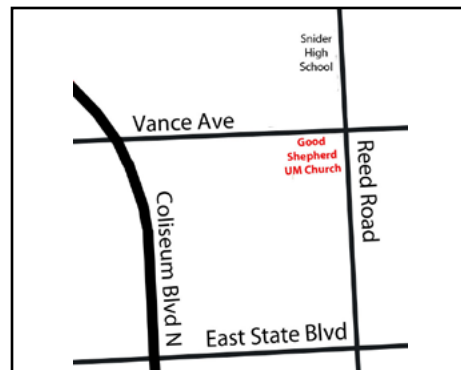
Jim Pliett, K9OMA gave a report on the July Foxhunt. Jim and Annie (KA9YYI) served as the fox, and they hid out on the River Greenway Tow Path off Glendale Ave. Three teams hunted them including Steve and Linda, K9's SAN & LAN, Don, K9LI and his wife, and Charles, KC9MUT, Fred, KC9EZP, and new ham and fox-hunter Stuart, KD9LFW. Don was the first to find the microfox followed by Charles, Fred and Stuart, and finally Steve and Linda. More of the gory details can be found in the upcoming July Foxhunt Chronicles.

Bob Streeter, W8ST provided the Treasurer's report. As of 20 July, 2018 the numbers of interest were:

Income Year-to-Date	\$8,767.43*
Expenses Year-to-Date	\$5,173.91*
Cash-On-Hand	\$ 120.00
Checking balance	\$3,679.23
Savings balance	\$4,828.44
Vanguard balance	\$5,012.61

* These numbers include the impact of funds collected from buyers, and dispersed to sellers, as a result of the recent auction activity overseen by the club.

Charles noted that next month's meeting will be the Tailgate Hamfest which is held on the GSUMC parking lot on Friday August 17th. Setup for this yearly event will commence at 6:00 PM with the Hamfest itself starting at 6:30 PM. This is your once-a-year opportunity to clear your old stuff out of your basement/hamshack and replace it with new (old) stuff.



August 17: The annual Tailgate Hamfest will be held on the GSUMC parking lot on Friday August 17th. Setup for this yearly event will commence at 6:00 PM with the Hamfest itself starting at 6:30 PM.

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Carole Burke, WB9RUS

Webmaster

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.

Joseph Lawrence, K9RFZ announced that the FWRC had once again agreed to attend and participate in the Allen County Safety Fair which will be conducted at Jefferson Point on 22 September. Contact any Board member if you would like to help out.

Charles reported that the ACARTS picnic will occur Saturday, 11 August at Jefferson Township Park starting at 4:00 PM. ACARTS will provide hot dogs and hamburgers (prepared by master chef Charles) and all participants are encouraged to bring a pot-luck carry-in dish. (Per ARRL tradition, carry-ins of meat balls and/or deviled eggs is highly recommended. Mr. Maxim himself had a fantastic meat ball recipe, so I'm told.) Joseph Lawrence commented that, weather permitting, the Fort Wayne Astronomical Society facilities will be open for anyone who might want to do a little star gazing while out at the Township Park site.

Charles noted the following results from the club's Field Day efforts:

CW contacts	676
Phone contacts	284
Digital contacts	9
GOTA contacts	76

Charles estimates we will garner somewhere between 4550 to 4750 points when all is said and done.

It was suggested that the club offer a donation to the Fort for their allowing us to use the venue for our Field Day event. After some discussion a motion to make a donation in the amount of \$250.00 was introduced and seconded. This was followed by a vote in the affirmative (unanimous), so the FWRC will go forward with the donation.

Respectfully submitted,
Al Burke, WB9SSE
Secretary, Fort Wayne Radio Club

FWRC 146.91 MHz REPEATER TEMPORARILY REQUIRES CTCSS

The FWRC repeater on 146.91 MHz has been repaired but in the process now needs a 141.3 HZ input tone. This requirement will be removed shortly. If you cannot bring up the system, try turning on your tone.

An email will be sent out letting members know when the machine is back to normal.

Steve Nardin, W9SAN

INDIANA D-STAR Net Now WEEKLY



The Indiana D-STAR Net is now a weekly net. Prior to July 5, it was only held twice each month. The net starts every Thursday at 8 p.m. ET on D-STAR reflector REF024B. The FWRC D-STAR repeater automatically connects to that reflector at net time.

Programming Your D-STAR Radio for the W9TE Repeater

UHF Repeater

Operating Freq. = 442.99375

DUP = (+ offset)

Offset Freq. = 5.000

Mode = DV

Your Call = CQCQCQ

RPT1 Call = W9TE***B (* = spaces)

RPT2 Call = W9TE***G (* = spaces)

Always remember to populate the "RPT2 Call" location with the "G" for Gateway operation to insure your audio is passed out to the internet so you will be heard by Dongles, DVAP's, and connected systems!

There are now nine D-STAR repeaters in seven cities on the air in the state of Indiana that are usually all connected to Reflector 024B. You can talk on one and be heard on all seven around the state.

FORT WAYNE HAMFEST

& Computer Expo

46th Year
**Allen County War
Memorial Coliseum**
4000 Parnell Ave
Fort Wayne, IN
73,000 sq. ft. all indoors
(Coliseum Parking \$5 per vehicle)

**Admission: \$6 Sat & Sun
\$3 Sun only**

Children under 12 free (with adult)

- Ham Radio License Testing (\$14)
9 AM till 12 PM Saturday
- WAS & DXCC Checking
- New & Used Ham Dealers
- Main & Hourly Prizes
- Equipment Check-out table
- Talk-in 146.880-
- Forums Saturday only
- Tables: \$25 Regular (8ft)
\$50 Premium (8ft)
\$30 Electric



NOV

17&18

2018

SAT 9 AM to 4 PM
SUN 9 AM to 2 PM

2018 ARRL CENTRAL DIVISION CONVENTION

Get the latest information at

www.fortwaynehamfest.com

www.facebook.com/FTWAYNEHAMFEST/

State of the Arts

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN

ACARTS PRESIDENT'S MESSAGE

Saturday, August 11th is the date of the 2018 ACARTS Picnic. The picnic was a great success last year, so this year's picnic will be pretty much the same. The picnic will be start around 4:00 PM with the food served around 5:00 PM, and will again be held at the Jefferson Township Park on Webster Road, east of New Haven. The club will provide the hamburgers and hotdogs, chips, and drinks. Salads, desserts, and other goodies will be a pot-luck carry-in. The park has a covered pavilion, with seating a picnic tables for around 50 people. You may consider bring lawn chairs, so that you don't have to spend the entire time on a hard picnic table seat.

The ACARTS Picnic is a family affair, so plan on bring your spouse, kids, or grand-kids. Let me know if you have any ideas for activities to be held with the picnic. Members of ACARTS, the Fort Wayne Radio Club, and the Fort Wayne DX Association are invited, with a special invitation to the new hams in the area. The picnic provides an excellent opportunity to have casual conversations and get to know your fellow hams and their families.

The Fort Wayne Astronomical Society has again invited the hams to their Star Gaze Party after dark that evening, if the weather is clear. This year, it may become a meteor gazing party, as the Perseid meteor shower is near its peak. The FWAS has challenged the hams to do a radio



meteor detection demonstration. Joseph, K9RFZ, is working to assemble the equipment for a demonstration.

I need to get a head count of those members and guest that will be attending, so we know how much food to purchase.

Please contact me at w9lkh@comcast.net and let me know if you plan to attend and how many guests will be with you. Please let me know no later than Tuesday, August 7th.

An article giving more details, as well as a map to show the park location, appears elsewhere in this issue of the Allen County HamNews.

The location of the August board meeting has been changed back to the Salvation Army. The date is still one week early, on August 7th. As both clubs had their board meetings scheduled for that evening, the logistics of trying to hold two board meetings and a Hamfest Steering Committee meeting were difficult. It has been decided that both clubs will hold their individual board meetings and the Hamfest Steering Committee meeting will be held at the ACARTS Picnic on August 11th.

The September meeting, on September 18th, will be a presentation by Bill McAlpin, WD9GIU, president of the Miami County (Peru, Indiana) Radio Club.

73,

Dave Lindquist, W9LKH
President



August 11: Picnic at Jefferson Township Park starting at 4 PM.

Unless otherwise scheduled, all General meetings are held at 7:00 PM at the Red Cross Center, 1212 E California Rd, Fort Wayne, IN. Board meeting are held at the Salvation Army Facility.

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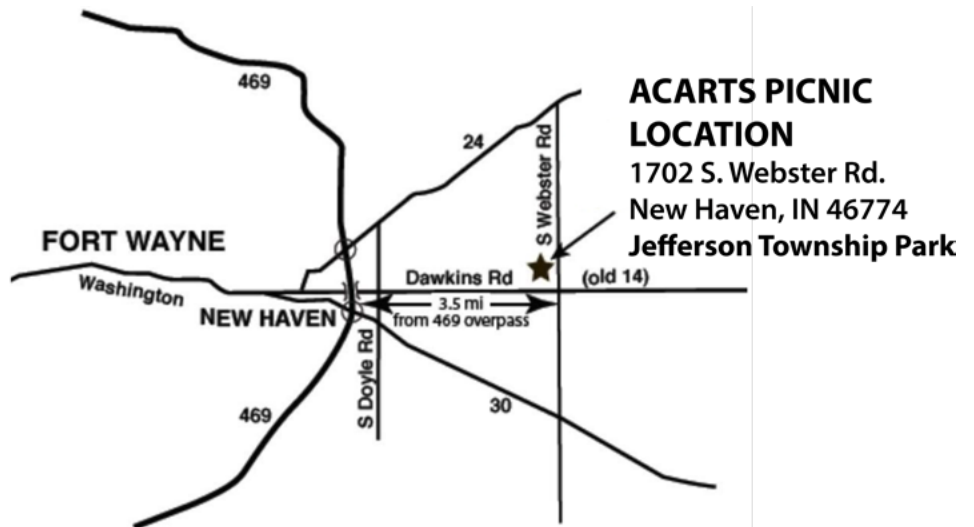
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ACARTS HOSTS AREA HAM PICNIC AUGUST 11TH

By Joseph Lawrence, K9RFZ
ACARTS Vice-President

The ACARTS Officers and Board continue to provide opportunities to build club participation. In 2017, we successfully revived the annual summer time picnic and plan to host it again this year on Saturday August 11. We have reserved the pavilion at the Jefferson Township Park on Webster Road (see map) about 3.5 miles east of New Haven.

The park has several benefits. It's large and spacious with several covered picnic tables and a playground area for children (or grandchildren) to play while the adults are busy with ham radio. With power on



ever, The Perseid meteor shower is nearly at peak that evening and the FWAS has challenged the hams to do a meteor radio detection demonstration that evening for the public. I'm working to build a 6m Moxon antenna and plan to listen for meteor pings by tuning to the channel 2, low-band analog TV video carrier signal from Sault Ste Marie, Ontario. If this works well, then maybe the project will be presented as a General Meeting program.



site, we can set up some stations and operate away from all the city RFI, but we may have to contend with some local RFI. The pavilion has a kitchen with refrigerators and a stove for carry-in food handling. Indoor restrooms are available.

As a bonus, the Fort Wayne Astronomical Society (FWAS) has invited us to observe with them at their public observatory. If the weather is clear, then hams are welcome to visit the observatory, view Jupiter, Saturn, Mars, and stellar clusters. Sorry we have a new moon on August 11, so we can't see the moon. How-



The event starts at 4 PM with the carry-in dinner between 5 – 7 PM. The ACARTS will furnish hot dogs, hamburgers, buns, lemonade, iced tea, bottled water, plates, cups, and plastic utensils. FWRC President, Charles Ward, KC9MUT has agreed to serve as the grill master again this year. Members from the ACARTS, FWRC, and DX Association are requested to bring side dishes and desserts to share. This activity will only be successful if we can count on member participation and commitment. We need people who are willing to show up and pitch in. We need people willing to help clean up after the meal. In short, we need people who are willing to demonstrate that amateur radio is a thriving hobby with members who care about its longevity. Contact ACARTS President Dave Lindquist (w9lkh@comcast.net) before August 7 and let him know that you plan to attend the picnic, so we can plan how much food to buy.



ACARTS picnic photos from 2017 provided by Tom Rupp, KU8T, Al Burke, WB9SSE, and Linda Nardin, W9LAN.

KH1/KH7Z NIL !!



Mike Stein WB9NOO

I was excited about the DXpedition to Baker Island. This should be an easy one. Lots of operators, plenty of stations, several days. The propagation predictions indicated strong signals on multiple bands, even with my vertical and 100-watt radio.

So, I settled in to work a new one. I listened night after night but heard only noise. I stayed up until 1am, would get back up around 4am, and again at 7am, but only more noise. I could see the spots on www.eham.net, yet I heard nothing.

Marty, N9MT and I then resorted to our usual DX tactics: We looked up other sta-

tions to see how well they were doing on Club Log, then looked at their antenna farms on Google Earth.

I tried setting up FT8, but had a lot of problems, until I ignored the directions, and set up the rig to "none" and PTT method to "VOX".

On their last night, I heard some audio rise up out of the noise floor on 20M, so I set FT8 into motion. After a few minutes, KH1/ KH7Z rose up out of the noise. I engaged my transmit, and after the fourth try had him in my log! Within thirty minutes, he was gone again.

It took a few days for them to upload their log, but when I checked on-line, I was NIL! Not-In-Log! Did I do something wrong? Did I work a pirate? I noticed the stations worked before and after me were also NIL.

I sent an email to the QSL manager, who wrote back and said it would be three weeks before he could see the logs. Luckily, I had taken a snapshot of my screen and attached it. Well, I checked every couple of days, and to my delight I suddenly appeared!

So, I just ordered my 20-ounce Baker Island coffee mug. I also took a snapshot of Club Log and my QSO. You never know.

Log to search: KH1/KH7Z

68,982 QSOs logged between 2018-06-27 07:58Z and 2018-07-05 11:58Z

Callsign to check: WB9NOO

Show contacts

Band	CW	Phone	Data
20			1

Note: KH1/KH7Z is also using the [Club Log expedition charts](#)

[Request QSL Card](#)

Log search provided by [Club Log](#)

042545	-21	-0.2	1009	~	KH7Z W6ATB DM13
042545	-9	-0.2	1405	~	KH7Z W2JC FN20
042545	-16	-0.2	1615	~	DE W2/JR1AQN
042545	14	-1.1	1777	~	KH7Z AC4A FM06
042545	-12	-0.2	2338	~	KH7Z K2YYY DM79
042545	-13	-0.4	2429	~	KH7Z W7DT CN88
042545	-13	-0.2	1428	~	KH7X W6NF EN18
042630	-21	-0.2	236	~	JE1HKW RR73; W7DT <KH1/KH7Z> -07
042630	-15	-0.2	296	~	KC7RW KH7Z -11
042800	-12	-0.2	356	~	WB9NOO KH7Z -12
042830	-17	-0.2	236	~	WB9NOO RR73; W0DR <KH1/KH7Z> +10
042830	-13	-0.2	296	~	W7DT RR73; AC4A <KH1/KH7Z> -18
042845	-14	-0.1	1372	~	KH7Z W3FI EN91
042845	-13	-0.2	1615	~	DE W2/JR1AQN
042845	3	-0.2	2338	~	KH7Z K2YYY DM79
042900	-15	-0.2	236	~	AC4A KH7Z -18
042900	-11	-0.2	296	~	N9MB KH7Z -04
042915	-19	-0.1	1372	~	KH7Z W3FI EN91
042915	-7	-0.2	1428	~	KH7X W6NF EN18
042915	-15	-0.1	1616	~	DE W2/JR1AQN
042915	-15	-0.2	1767	~	KH7Z K7NWF DM43
042915	-17	-0.1	2966	~	KH7Z W0DR EM38
042930	-17	-0.2	237	~	N9MB RR73; AC4A <KH1/KH7Z> -18
042930	-12	-0.2	296	~	VK6BMW KH7Z -16
042945	-18	-0.1	1373	~	KH7Z W3FI EN91
042945	-12	-0.2	1428	~	KH7X W6NF EN18
042945	-18	-0.2	1519	~	KH7Z WA3WZR FN00
042945	-11	-0.2	1617	~	DE W2/JR1AQN
042945	1	-0.2	2339	~	KH7Z K2YYY DM79
042945	-20	-0.1	2966	~	KH7Z W0DR EM38

Hot Spots

No, this article isn't about the weather we've had this summer or the top cover of your transceiver on field day. It's about digital devices that provide an access point for radios using digital modes like D-STAR, DMR, Fusion, P25, and other new digital formats as well. Why use one? Not everyone has access to a compatible digital repeater. Plus, it gives the user the flexibility to do things like switch "reflectors" without interfering with others who may also want to use the repeater. Most of them can be set up to be portable/mobile so you can take them with you and use them on trips if you have access to a mobile internet hot spot. (Some new cars and many smart phones provide this capability.) I have made contacts with truck drivers who had a mobile D-STAR setup in the cab of their truck.

I'm limiting this article to those hot spots that provide an RF signal for use with a radio so I'm not including Internet Labs DV Dongle or the DV3K Dongle and others like them.

There are several hot spots on the market, each with advantages and disadvantages. Some are self-contained and ready to use following a quick setup. Most require a computer though most will work with an inexpensive Raspberry Pi. Some can use the computer's wifi capability, the SharkRF openSPOT cannot. Most come as either a 2m or 70cm version, but some do both bands. All require some setup, some require the use of third-party software, often with several to pick from and not all of them will work with all versions of the Raspberry Pi.

My first hotspot was a D-STAR Digital Voice Access Point (DVAP) dongle. It connects to a computer through a USB cable. I set it up to work with a Raspberry Pi but it can also work with a Windows PC, a Mac, or a Linux computer. It's still available and the OEM is developing a new version that has more modes.

The DVMega is a circuit card that is installed on the expansion connector on a Raspberry Pi but it can also be used with a Bluetooth adapter and an Android smart phone or tablet.

The SharkRF openspot does not require a computer for operation, it just requires a computer with a web browser for set up. It doesn't do wifi and must be connected to a wired network (or a wifi-to-LAN adapter). It is no longer available, but the OEM's web page says that a new version will be shipping shortly.

Photos of the more popular hotspots are in the figure below. The table below it includes tidbits of information I gleaned from the web on each of them. Accuracy is not guaranteed but web links are provided if you want more information. **Ken AB9ZD**



1) DVMega (by itself and mounted on a Raspberry Pi),
2) DVAP, 3) DV4Mini, 4) SharkRF openSPOT, and 5) ZUM
Radio ZUMspot (by itself and on a Raspberry Pi Zero)

Hot Spot	The Good	The Bad	The Other (See the Notes)
Internet Labs Digital Voice Access Point (DVAP) (multiple versions)	Works with Windows, Mac, Linux and Raspberry Pi. No assembly required	\$190 to \$220 (web price) Third-party software, some are easier to set up than others	1, 2, 4, 11 http://www.dvapidongle.com
DVMega (multiple versions)	Raspberry Pi or Bluestack versions (Bluestack requires an Android phone or tablet)	\$130 to \$280 for a complete kit Third-party software, setup with the Raspberry Pi can be challenging	1, 2, 3, 4, 5, 7 http://www.dvmega.auria.nl/
SharkRF openSPOT	Easy setup, no assembly required, no third party software Supports cross-mode operation (DMR <> Fusion)	Discontinued product, new version promised No built-in wifi support Easy firmware upgrade	2, 3, 4, 5, 6, 7, 8 11 https://www.sharkrf.com/
DV4Mini	Very small, no assembly required USB based, runs on Windows, Linux, and Raspberry Pi	\$130 (web price) Reports of poor audio quality with DMR (other modes better) Confusing software/hardware combinations	1, 2, 3, 4, 6, 7, 9 http://wirelesshold.com/modems.aspx
ZUM Radio ZUMspot	Newest product More versions "coming soon" Software included in kit version	\$110 (w/o Raspberry Pi Zero) \$130 (w/ Raspberry Pi Zero) Uses third party software	2, 3, 4, 5, 6, 7, 8, 10, 11 http://papasys.com/dmr/resources/DATA/docs/ZumSpot_Pistar_KC6N_20180120.pdf
Notes: (1) 2-meter version (2) 70-cm version (3) Supports DMR (4) Supports D-STAR (5) Supports Fusion (YSF) (6) Supports Fusion (FCS) (7) Supports P25 (8) Supports SharkRF IPconn (9) Supports dPMR (10) Supports NXDN, (11) Includes the antenna			

THE FOXHUNT CHRONICLES FOR THE JULY HUNT

The fox hunt for July started promptly at 1:30 pm, 8 July, one week late due to the 4th of July holiday. On hand were three eager foxhunter teams, Steve and Linda, W9's SAN & LAN, Don, K9LI and his wife Kathy, and Charles, KC9MUT, Fred, KC9EZP accompanied by new ham and foxhunter Stuart, KD9LFW.

The foxes for this hunt were Jim K9OMA and Anne KA9YYI. The fox location was on the near west side of Ft. Wayne just off Glendale Ave., on the Tow Path, part of the River Greenway. This location was a bit of a challenge for the hunters because the direct path from the Corbin Memorial Park starting point to the fox location ran right through downtown Ft. Wayne. Experienced foxhunters will tell you the signal bounces around due to the tall buildings.

Don was the first hunter to localize us at about 50 minutes in to the hunt. He and Kathy drove past the high-power fox and went about ¼ mile further down the road. Don appeared about 10 minutes later on foot with his portable fox sniffer.

The microfox was in a shallow hole covered with grass and just off the Tow Path. After a bit of careful sniffing Don located the microfox. About ten minutes

later Charles and Stuart arrived on the scene and were successful also. Steve and Linda arrived about 20 minutes later. Being the last hunter is really frustrating because all of the other hunters critique your work. So after some very anxious moments Steve pulled the microfox out of the hole and nearly pitched it at me. So to get cooled down we all headed to Penguin Point for some Cold drinks and Snacks.

Given Don and Kathy were the first to find the microfox, they will perform the duties of the fox for the August (5 August) hunt. The foxhunt scorecard so far this

year is as follows:

Call	Score This Month	Year to Date
WB9RUS	0	16.5
WB9SSE	0	17.5
K9OMA	4.33	17.33
KA9YYI	4.33	14.33
KC9MUT	2	18.5
KC9EZP	2	16.5
KB9RLW	0	9
KC9UHU	0	5
W9SAN	1	13.33
W9LAN	1	12.33
Alex	0	11.33
K9LI	4	6
Kathy	3	4
AB9IZ	0	2
KB9RLW	0	9
RUDY WILFONG	0	1

Why not give foxhunting a try? It's easy, fun (although at times it can be a little frustrating), and you'll most likely learn something about propagation.

73's,

Jim Pliett, K9OMA

2018 FOXHUNT SCHEDULE

The following is the planned Foxhunt schedule for 2018 for the remaining foxhunts. All foxhunts start at 1:30 PM on Sunday at the River Greenway Trailhead at Cobin Memorial Park near Lakeside Golf Course.

August 5
September 9
October 7
November 4

Silent Key

SK ROBERT ZIMMERMAN, K9GXI
November 26, 1929 - July 09, 2018



Robert Elmer Zimmerman, 88, was an avid ham radio enthusiast. He built many radios himself. His call letters were K9GXI. Once he moved to Woodburn in 1963, he became involved in service to the community through Civil Defense, and as the third district councilman. He also made sure the tornado sirens were tested and in good repair. He was also a certified weather spotter.

Silent Key

SK MARK P. JUNK, KK9U
November 16, 1954 to July 4, 2018



Mark was a ham radio enthusiast (KK9U) and was prolific at Morse code. He received many first-place amateur radio contest awards. He was a member of ARRL (American Radio Relay League). He developed a passion for restoring vintage radios. He was very proud of his finished work and was in the process of remodeling a room he called his "museum" where he would display them.

SIGNIFICANT CHANGES IN STORE FOR FT8 AND MSK144 WITH WSJT-X VERSION 2.0

WSJT-X co-developer Joe Taylor, K1JT, has announced that major changes are coming to the FT8 and MSK144 digital protocols when WSJT-X version 2.0 arrives in a few months. Taylor said version 2.0 should be ready for prime time by January.

"Much of the necessary programming is finished," Taylor said in a post to the Packrats reflector. "Many of the new features have been tested on the air, and we find them to work well."

For more information:

<http://www.arrl.org/news/significant-changes-in-store-for-ft8-and-msk144-with-wsjt-x-version-2-0>

INTERNATIONAL LIGHTHOUSE AND LIGHTSHIP WEEKEND

Starting in 1998, the third weekend of August has become the International Lighthouse and Lightship Weekend (ILLW). As part of this event, amateur radio operators set up and operate at lighthouses around the world. The sponsors stress that the event is not a contest. There are no prizes, certificates, or other enticements to participate. The main reason the event has become so popular is because it is a relaxed fun weekend without the pressure of a contest. The guidelines are simple, and the onus is on the operators to act within the spirit of the weekend which is simply to expose the amateur radio hobby and the plight of lighthouses to the public.

The activity does not need to take place inside the lighthouse structure itself. A Field Day-style setup at the lighthouse or other buildings adjacent to the lighthouse is sufficient. Sponsors say part of the intent of that requirement is to make the radio station visible to visitors.



While there are over 1500 lighthouses in the ILLW database, so far, 312 groups representing lighthouses from over 30 countries have registered to participate in this year's event. Registration is not required for participation, but it does let

other stations know which lighthouses and lightships will be activated. If the past is any indication, there may be as many as 500 groups participating in the event. Follow the link below for more information including lists of the lighthouse groups that have registered so far and maps providing the locations of the lighthouses.

This is a 48-hour event which will get under way at 0001 UTC on August 18 and continue until 2400 on August 19.

<https://illw.net/>



Turnberry Lighthouse ILLW UK0000



ANGOLA HAMFEST



SPONSORED BY THE LAND OF LAKES AMATEUR RADIO CLUB

Saturday August 11, 2018

8:00 AM – 12:00 PM – Admission \$6.00

Gateway Church, 255N Gerald Lett Ave, Angola, IN 46703

Admission \$6.00

Angola Repeater Talk-in: 147.180 (+) PL 131.8

*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**.*

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/

DXNews <http://dxnews.com>

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

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

NORTH AMERICAN QSO PARTY, CW			ARRL 222 MHz AND UP DISTANCE CONTEST			MARYLAND-DC QSO PARTY		
AUGUST 4, 1800Z		AUGUST 5, 0559Z	AUGUST 4, 1800Z		AUGUST 5, 1800Z	AUGUST 11, 1600Z		AUGUST 12, 0400Z
1.8-28	-	CW	-	222+	PHONE, CW, DIGITAL	1.8-28	50-432	PHONE, CW, DIGITAL
NAME, STATE/DC/PROVINCE/COUNTRY			6-CHAR GRID SQUARE			ENTRY CLASS, COUNTY OR SPC		
www.ncjweb.com			www.arrl.org/222-mhz-and-up-distance-contest			www.w3vpr.org		
ARRL 10 GHz AND UP CONTEST			NORTH AMERICAN QSO PARTY, SSB			ARRL ROOKIE ROUNDUP, RTTY		
AUGUST 18, 0600Z		AUGUST 19, 2359Z	AUGUST 18, 1800Z		AUGUST 19, 0559Z	AUGUST 19, 1800Z		AUGUST 19, 2359Z
-	10GHz+	PHONE, CW, DIGITAL	1.8-28	-	PHONE	3.5-28	-	DIGITAL
6-CHAR MAIDENHEAD LOCATOR			NAME, STATE/DC/PROVINCE/COUNTRY			NAME, 2-DIGIT YEAR FIRST LICENSED, STATE/PROVINCE/XE AREA/DX		
www.arrl.org/10-ghz-up			www.ncjweb.com			www.arrl.org/rookie-roundup		
HAWAII QSO PARTY			KANSAS QSO PARTY			OHIO QSO PARTY		
AUGUST 25, 0400Z		AUGUST 26, 0400Z	AUGUST 25, 1400Z		AUGUST 26, 2000Z	AUGUST 25, 1600Z		AUGUST 26, 0400Z
1.8-28	-	PHONE, CW, DIGITAL	3.5-28	50	PHONE, CW, DIGITAL	3.5-28	-	PHONE, CW
RS(T), HI QTH OR SPC			RS(T), COUNTY OR SPC			RS(T), COUNTY OR SPC		
www.hawaiiqsoparty.org			ksqsoparty.org			www.ohqp.org		

ACARTS (W9INX) REPEATERS			FWRC (W9TE) REPEATERS			OTHER AREA REPEATERS			
Freq/Offset	Input Tone		Freq/Offset	Input Tone		Call	Freq/ Offset	Input Tone	
146.880 (-)	No tone	General use / Skywarn priority	146.760 (-)	No tone	General use (Note 1)	W9FEZ	145.330 (-)	No tone	Fort Wayne
147.255 (+)	No tone	General use	146.910 (-)	No tone	General use (Notes 1 and 4)	W9FEZ	224.780 (-)	No tone	Fort Wayne (Note 1)
443.800 (+)	No tone	General use	146.940 (-)	141.3 Hz required	General use (Notes 1 and 3)	W9FEZ	444.800 (+)	No tone	Fort Wayne (Note 1)
144.390 (s)	Digital	APRS - wide	444.875 (+)	141.3 Hz required	General use (Note 1)	K9MMQ	443.100 (+)	N/A	Fort Wayne, DMR
145.530 (s)	Digital	W9INX-1 Digipeater and Node	442.99375	D-STAR	General use (Note 2)	K9MMQ	443.275 (+)	141.3 Hz required	Fort Wayne
Notes: General Note: Standard 0.6 MHz (2-meter), 1.6 MHz (1.25-meter) and 5.0 MHz (70-cm) frequency offsets are used for all repeaters unless otherwise indicated.			Notes: 1. 141.3 Hz output tone present 2. Offset + 5.0 MHz, W9TE ___ B, W9TE ___ G 3. Yaesu System Fusion repeater, supports both FM (analog) and C4FM (digital) voice 4. EchoLink connection repeater Node number 519521			N9MTF	442.6375 (+)	N/A	Fort Wayne, DMR
						W9AVW	444.250 (+)	141.3 Hz required	Fort Wayne
						W9OU	147.015 (+)	No tone	Auburn
						WC9AR	145.270 (-)	141.3 Hz required	Columbia City
						WC9AR	444.550 (+)	No tone	Columbia City
						K9OMA	147.375 (+)	No tone	Columbia City
						K9HC	146.685 (-)	141.3 Hz required	Huntington
						N9BCP	147.150 (+)	97.4 Hz required	Ligonier
						Notes:			

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. If you notice information that needs changed, please contact the newsletter editor by email.

The Allen County HamNews is prepared using Adobe's InDesign software along with PhotoShop and Acrobat on an i7 PC running Windows 10.

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 \$25.00/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 ☐ \$25.00 / 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!

Special Event Stations This Month

2018 ARRL Midwestern Division Convention

Aug 4-5 0000Z-1800Z KON

<http://arrrlmidwestconvention.org/>

Worked All Capitals

Aug 9-19 1600Z-0000Z Various

<http://svrc.org/>

Offutt AFB Air and Space Show

Aug 11-12 1400Z-2200Z KOF

<http://swiradio.org/>

International Lighthouse/Lightship Weekend

Aug 18-20 1500Z-2100Z W8GNM/8

<http://portclintonlighthouse.org/>

Hollenberg Pony Express Festival

Aug 26 1430Z-2100Z KOASA

<http://www.sftarc.org>

For a complete listing of special event stations (and latest updates), check the listing in QST and the ARRL web page:

www.arrl.org/special-event-stations

AREA NETS

Daily			Tuesday		
8:00 AM	3.535	Daily (QIN) Indiana Section CW net	8:00 PM	50.580 USB	FWRC 6-Meter SSB 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 (141.3 PL)
Week Days			8:00 PM	50.580 FM	FWRC 6-Meter FM Net
8:30 AM	3.820	Little Red Barn Net	9:00 PM	146.940-	Help and Swap Net
Sunday			Thursday		
8:00 PM	444.550+	Whitley Co. ARC Sunday Night Net	8:00 PM	D-STAR	Indiana D-STAR net (Note 3)
8:30 PM	1.965 & 146.910-	"No-Name" Net also on EchoLink Node number 519521	8:00 PM	50.580 AM	6-Meter AM Net
9:00 PM	145.530	Northeast Indiana Packet Net (Note 2)	8:30 PM	145.510 (s)	Allen County ARES Digital Operations Team Training Net (Note 4)
Monday			Saturday		
8:00 PM	224.780-	Fort Wayne 224 Net	8:00 PM	146.685-	Huntington ARES

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. 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/index.php/public-service/indiana-nts>

To:

Activities Calendar



Date	Time	Event	Place
08/05/2017	1:30 PM	Foxhunt - River Greenway Trailhead/Cobin Memorial Park near Lakeside Golf Course	
08/07/2018	7:00 PM	FWRC Board Meeting	GSUMC
08/07/2018	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
08/11/2018	7:00 PM	ACARTS Picnic	Jefferson Township Park
08/17/2018	7:00 PM	FWRC Tailgate Hamfest	GSUMC
09/09/2017	1:30 PM	Foxhunt - River Greenway Trailhead/Cobin Memorial Park near Lakeside Golf Course	
09/11/2018	7:00 PM	FWRC Board Meeting	GSUMC
09/11/2018	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
09/18/2018	7:00 PM	ACARTS General Meeting	Red Cross Center
09/21/2018	6:30 PM	FWRC Tailgate Hamfest	GSUMC
11/17/2018	9:00 AM	Fort Wayne Hamfest and Computer Expo	Allen County War Memorial Coliseum
11/18/2018	9:00 AM	Fort Wayne Hamfest and Computer Expo	Allen County War Memorial Coliseum