



# Allen County HamNews

December 2016  
Volume 17  
Issue 12

Fort Wayne Radio Club Fort Wayne DX Association Allen County Amateur Radio Technical Society

## THANKS TO ALL WHO HELPED AT THE FORT WAYNE HAMFEST



Many thanks to everyone who helped at the Hamfest, had a table, or attended. The hamfest wouldn't be possible without the volunteers who helped with the planning, setup, and running of the hamfest. Preliminary numbers indicate that the attendance and table sales were roughly the same as last year which is good news.

More photos on page 5 and on the FWRC web page. Photos provided by Al Burke, WB9SSE and Steve Nardin, W9SAN.



### Also this month

|                                 |                                   |
|---------------------------------|-----------------------------------|
| Local Repeaters New Home...7    | Contests / Classified Ads..... 10 |
| The Foxhunt Chronicles .....8   | Membership Application..... 11    |
| Repeater Project Status.....9   | Local Nets / Repeaters ..... 11   |
| Santa Net on 3.916 MHz ..... 10 | Activities Calendar ..... 12      |

### Internet Home Pages

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

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

Please send any articles, classified ads, or other information to the editor, Ken Helms, AB9ZD, at **AB9ZD(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.

# *Hamspatter*

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

## THE PRESIDENT'S CORNER

**W**ow, what a great month! Between the Hamfest, club meeting, and the Thanksgiving holiday, November was quite the busy month, and December looks to be just as good.



ings has not been decided, but I ask all who may be interested to keep this in mind, and consider stepping up to help out with this endeavor. After all, this is one local event that many of us do not wish to lose.

The December meeting is our Christmas banquet, which will be held on December 9th, starting at 6:30 pm. We try to hold the banquet a touch earlier in the month so as not to create conflicts with other events that folks may want to participate in. As in past years, it is a carry-in, with the club providing fried and baked chicken, so bring your favorite dish to share. I always look forward to these events, because I almost always get to sample something I don't usually get at home. Also, as in previous years, there will be a voluntary gift exchange, we only ask that you clearly mark the gift as OM or YL, and try to keep them in the \$10 range.

November hosted the Fort Wayne Hamfest and I enjoyed the weekend. It is always great to see, meet, and socialize with those that we usually only hear on the air. Having an event that allows all of us to enjoy that opportunity is a great thing to have in the local community. Saying that, the Hamfest is by and far a labor of love, hosted and run with volunteer labor, and if we wish to see this event continue into the future, new ideas are needed to help revitalize and grow the hamfest. To that end, FWRC and ACARTS held a joint BOD meeting in November, and the biggest thing brought up and decided upon was that a steering committee should be formed to carry the Hamfest forward. As of now, a time and place for these meet-

As many of you know, we have been raising funds for the Parrot Rd repeater build, and all I can say is WOW! As a club we have exceeded the projected goal, and raised the needed funds in much less time than expected! As a result, the antennas have been ordered, and a plan is in place to purchase the feed line and various sundry items needed for installing everything at the tower site. If all goes well, and the weather holds out like it has been, it is entirely possible that the repeater move may happen before the end of the year. Thank you to all who donated!

Looking ahead, January will be our club auction, so as you move stuff around during the holiday's, keep an eye on those things you might want to sell at the auction, maybe even snap a pic and send it to either myself or other board member, and we can start to post a list of items on the club website. This is always a good time, and tons of fun as well.

Hope to see you at the Christmas Banquet!

Charles Ward, KC9MUT



**December 9:** The annual FWRC Christmas banquet will be held at the Good Shepherd United Methodist Church at 7:00.

### Officers

#### **President**

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

#### **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**

Fred Van Kempen, KA4YBR  
260-467-3384  
decwiz(at)yahoo.com

#### **Directors**

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

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

Paul Prestia, KA3OPZ  
260-247-2806  
phixher(at)gmail.com

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

#### **W9TE Trustee**

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.

## FORT WAYNE RADIO CLUB MEETING MINUTES

The November meeting of the Ft. Wayne Radio Club was held at the Good Shepherd United Methodist Church (GSUMC) on 18 November, 2016 and was hosted by club president Charles Ward, KC9MUT. There were about 40 people in attendance. After reciting the Pledge of Allegiance everyone present introduced themselves via their call sign.

Charles announced that as a result of the joint meeting of the FWRC and the ACARTS Board of Directors, held on the 8th of November to discuss what could be done to keep the Fort Wayne Hamfest alive and healthy, it was decided that a joint Hamfest Steering Committee be formed. It would consist of members of both the FWRC and ACARTS, and other ham radio organizations in the area. It would meet monthly, if possible at the Georgetown Library, to work the problem of properly staffing the many activities needed to keep the Hamfest going. It is obvious that the Committee must be composed of more than just the members of the FWRC and ACARTS Boards; it will require participation from other members of both clubs, and others, if it is to be successful.

Steve Nardin, W9SAN noted that 83 folks renewed their FWRC membership at the hamfest. The two meter/220 MHz handheld radio raffled off at the hamfest for those who renewed their membership was won by Jeff Brady, N9JTB.

Treasurer Bob Streeter, W8ST reported on the status of the Parrott Rd. fund raising project. Our goal from the start was to raise an initial \$1,500.00 from club member contributions that would be matched by pledges of up to another \$1,500 collectively from several club members, plus another \$1,500.00 in matching funds from ACARTS. This would result in a total of \$4,500.00 towards the expenses involved in installing antennas and feedlines at 280' on the WLDE-FM tower at Parrott Rd. Those expenses are expected to total around \$6,000.00 when all is said and done.

Bob noted that we had raised \$535.00 towards our goal prior to the Hamfest plus another \$642.00 at the Hamfest for a total of \$1,177.00. An additional \$1,000.00 donation received shortly after the hamfest raised the total to \$2,177.00 thus exceed-

ing our initial goal. And with the eventual contribution of the matching pledges from several club members and ACARTS, the total will stand at \$5,177.00. Bob noted that we will leave the fundraiser open until after the club auction in January in order get as close to \$6,000.00 estimated cost of the project as we can. So, if you have not yet donated to this worthy project, get your wallets out!

Al Burke, WB9SSE reported that some of the preparatory work at the Parrott Rd. site has been completed. The paver pad for the equipment enclosure has been installed as has the underground conduit that will provide electricity from the WLDE-FM transmitter building to our equipment enclosure located near the base of the tower. Terry Bowman, K9FMX and Jim Pliett, K9OMA are completing work on the enclosure cooling system so that we will soon be able to haul the enclosure out to the Parrott Rd. site.

Al noted that he needed to get the antennas and feedline on order soon if we are to have a reasonable chance of getting the Parrott Rd. site on the air before the weather turns too nasty for tower work. In a motion it was proposed and seconded that Al be authorized to spend up to the \$5,177.00 already collected to procure items needed to get on with the project. The motion was approved by a hand vote of all present.

Dan Ward, N9WLW announced that he was looking for volunteers to provide communications for the Huff 50K Ultramarathon which will occur on Saturday 17 December at Chain-O-Lakes State Park near Albion come rain, snow, shine, locust infestations, or meteor showers. Since this is an Ultramarathon, an awful lot of people participate. Dan needs to staff about 15 way-stations over the course of the race, which starts at 8am. If things work out as they did at last year's event, (very yummy) grub is provided to volunteers. If you can help out please contact Dan at n9wlw@arrl.net, 260-402-7561, 260-433-0855.

Carole Burke, WB9RUS and Linda Nardin, W9LAN announced that the annual Christmas Banquet will occur on 9 December hosted as usual at the Good Shepherd United Methodist Church. It will start promptly at 6:30 pm and will feature live musical entertainment that is not

to be missed. The club will provide baked and fried chicken, tableware and cutlery, soft drinks and coffee. It will as usual be a carry-in event, so be inventive. While it is not a hard requirement, it certainly would be advisable that someone has the good sense to bring meatballs and/or deviled eggs, preferably both. After all, it's the civilized thing to do.

Joseph Lawrence, K9RFZ announced that the Warsaw Radio Club has agreed to host Skywarn Recognition Day at the National Weather Service WX9IWX facilities, 7506 E. 850 N., Syracuse, Indiana which will occur on 3 December from 0000Z to 2400Z. This is a country-wide effort created by the ARRL and the NWS planned for operation on 80, 40, 20, 15 and 2 meters utilizing SSB, PSK, FM and IRLP modes. Joseph is helping to solicit volunteers to operate during the 24 hours of the event. Joseph noted that this is not a contest. Rather, it is an "operating event". He also noted that Technician licensees, and in fact all volunteers will be able to operate with Extra privileges during the event. Anyone wishing to participate should contact Joseph for details at K9RFZ@yahoo.com, 260-373-1986.

Following the business meeting Tom Rupp, KU8T provided a pictorial travel log of his participation in the National Parks on the Air celebration where-in he and his wife combined this adventure with a vacation. They visited a number of National Parks starting in October and continuing through the first part of November, visiting and operating cw and phone portable in about seventeen parks, and traveling about 2,100 miles over 9+ days. Some of the locations where Tom operated include the Indiana Dunes, the Lincoln birthplace in Kentucky, Mammoth Cave Park, the Cumberland Gap National Historical Park, the Blue Ridge Parkway in Virginia, the Shenandoah National Park, the Harper's Ferry National Historical Park in Maryland, the Fort Necessity National Battlefield Park, the Cuyahoga Valley National Park, and others. All that history and Ham radio too. What a hoot.

The meeting adjourned about 9:00 pm.

Respectfully submitted,  
Al Burke, WB9SSE  
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

Congratulations and welcome to the new ACARTS board members that were elected at the November meeting. Joseph Lawrence, K9RFZ, was elected to the position of Vice President and Norm Kirkpatrick, KD9HAV, was elected as a Director at Large. They will both bring new insight and ideas to the club.

Let me know what you want from the club in 2017. What kind of meetings, programs, or activities would you like? Your ideas and suggestions will be considered and implemented if at all possible. Come to a board meeting or general meeting to present your idea and be a part of the discussion.

Another successful Hamfest is in the books. Preliminary figures show the attendance and table sales were about the same as last year. Many thanks to those of you that helped at the Hamfest, had a table, or attended. Your participation makes it all possible.

The ACARTS Christmas dinner is at 7:00 p.m. on Tuesday, December 20th at Hall's GuestHouse on Washington Center Road. We will again be ordering from a special menu. As I didn't hear any complaints, the menu choices will be the same as we used for our Spring Banquet. Reservations are required. Please let me know by Monday, December 19th, that you plan



on attending and how many guests will be with you. Contact me at w9lkh(at)comcast.net or 260-485-6135 to make your reservations. The club will pay for a portion of the members' dinner, while guests, which are highly encouraged to attend, will have to pay the full amount of their meal. Please make plans to join us for an evening of good food and conversation.

73,

Dave Lindquist, W9LKH

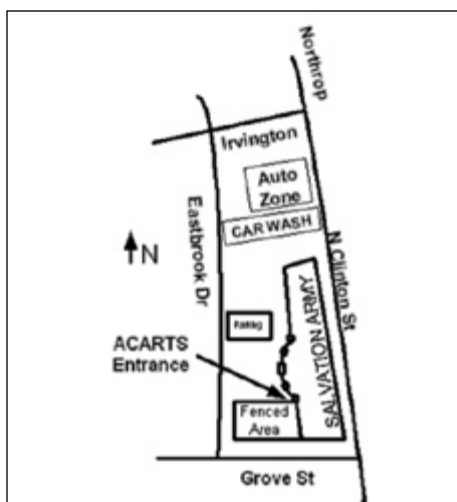
President

## NWS SPECIAL EVENT STATION PLANNED FOR SKYWARN RECOGNITION DAY

The Hoosier Lakes Radio Club will set up a special events station at the northern Indiana office of the National Weather Service (NWS) December 2 and 3 for SKYWARN™ Recognition Day. Members of the Fort Wayne area clubs have been invited to register and participate in this special event station operation.

For more information:

Hoosier Lakes Radio Club  
Fort Wayne Radio Club



**December 20:** The Christmas Dinner is at 7:00 p.m. on Tuesday, December 20th at Hall's Guesthouse. Contact Dave Lindquist for reservations at w9lkh(at)comcast.com or 260-485-6135 by Monday, December 19th.

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

TJ Walker, W9QHY  
260-704-0235  
w9qhy(at)aol.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

## ACARTS GENERAL MEETING NOVEMBER 15, 2016

Meeting called to order by Dave, W9LKH at 7:00 PM.

December 20, 2016 is our annual Christmas party. RSVP to Dave, W9LKH. Dave is now taking reservations.

Larry Soughan, WB3ELM sent an email with a list of Heathkit items. If the club wants them we would just need to pay the shipping cost. It was decided not to have any equipment sent to the club. TJ, W9QHY will talk to the Auburn Radio Club and see if they have any interest in the equipment.

Jim, KB9IH Gave his report on the Hamfest. Included in his report was a list of ticket sales from 2009 to 2016. Attendance has stayed steady over the last three years of around 2000 attendees.

There was discussion about using the 147.255 as part of the Northern Indiana Repeater Linking Project. This link would allow an area wide repeater network. Jim, KB9IH will look into this and report back at our next meeting.

Voting on officers and board members for the coming year are:

**President** Dave Lindquist, W9LKH

**Vice-President** Joseph Lawrence, K9RFZ

**Secretary** TJ Walker, W9QHY

**Treasurer** Howard Pletcher, N9ADS

**Manager for Hamfest** Jim Boyer, KB9IH

**Station Managers** Dave Lindquist, W9LKH and Jim Boyer, KB9IH

**Directors at Large** Norm Kirtpatrick, KD9HAV, Bob Erb, N9PWM and Bernie Holm, K9JDF

**Trustee** Dave Lindquist, W9LKH

Meeting was adjourned at 8:30 PM.

Submitted by TJ Walker, W9QHY

## MORE HAMFEST PHOTOS





### Carl Luetzelschwab K9LA

In last month's column, I mentioned taking my laptop to Pacificon so I could remote to our home station while sitting in the hotel room. So what is Pacificon?

Pacificon is a large three-day hamfest in the middle of October in the Silicon Valley area of California. Specifically, it's in San Ramon – east of Oakland and north of San Jose. The main Friday event was the well-attended Antenna Seminar. The Antenna Seminar had seven presenters on various antenna topics. More on this seminar in a bit.

The Saturday schedule was more for everyone. It included four or five tracks of presentations for each hour during the entire day. The presentations covered everything under the Sun in ham radio. Other activities throughout the day included kit building, operating the special event station W1AW/6, DXCC card checking, a planned parachute mobile demo (which didn't happen due to inclement weather), license exams, Scouting, etc.

Sunday was the typical 'winding down' day for Pacificon, with a breakfast and other wrap-up activities.

Getting back to the Antenna Seminar, the first presentation was titled "Antenna Modeling for Radio Amateurs" by Steve K6OIK. He covered general modeling issues – for example, a full model of a 75 Watt 2-meter mobile station in a car, and improving results by importing terrain data into the Method of Moments software (NEC, EZNEC, 4nec2, etc).

The second presentation was titled "Principles of Directional Antennas" by Paul AA6PZ. Paul discussed the fundamentals of making directional antennas

## PACIFICON 2016

and how to design then using Excel.

The third presentation was titled "The Role of Antennas in MRI" by John AG6WH. MRI is magnetic resonance imaging, and John talked about how antennas are used in this medical arena.

The fourth presentation was titled "Elevation Angle Control and a Solar Update". This was my contribution to Pacificon. I talked about how Radio Moscow controlled the elevation angle of their international short-wave service to maximize signal strength and how we can apply that to Amateur Radio. I also gave a brief update on Cycle 24 and what to expect for Cycle 25.

The fifth presentation was titled "Project Sandy" by Tom N6BT. Tom was the founder of the FORCE-12 antenna company. He reviewed his work to understand why verticals can work so well when near salt water.

The sixth presentation was titled "Making a Homebrew 2m Eggbeater Antenna" by Werner WB6RAW. This construction project came out of his work with students in a STEM (science, technology, engineering, mathematics) program. Their plan is to launch a CubeSat in 2017.

The last Antenna Seminar presentation was titled "Smith Chart Software" by Ward AE6TY. He discussed his free Smith Chart software (at [www.ae6ty.com](http://www.ae6ty.com)). If you need to do some Smith Chart work (antenna matching, for example), check out his software.

As a side note, during one of the Antenna Seminar presentations I sat next to Ed Wong. He runs a company called CountyComm, and he used a Silicon Labs chip to design an LF/MF/HF SDR receiver in a handheld package (see image). It covers 100 KHz to 30 MHz (and the 88-108 MHz FM band), demodulating AM, LSB, USB, CW and FM. It was only \$60, so I bought one. I asked Ed why he didn't include a QRP transmitter in the package, and he said the problem was Silicon Labs not bringing out I & Q data from the chip (this would have made the transmit modulation real easy).

In summary, I enjoyed my visit to Pacificon. One of the interesting highlights for me was working W1AW/6 at Pacificon on 40-Meters from my hotel room at Pacificon through my remoted station at home. Gee – I could have just yelled over to them "you're 5 and 9" instead of going through the internet and the ionosphere.

**GP-5/SSB**  
FM Stereo / MW / SW-SSB DSP RECEIVER  
By: CountyComm Inc.  
Government Products Group



**OPERATION MANUAL**  
Revised 1-15-2015  
[www.countycomm.com](http://www.countycomm.com)

**CountyComm GP-5 SSB ( GEN 3 )**  
**General Purpose Radio 2017**  
<https://countycomm.com/products/countycomm-gp-5-ssb-general-purpose-radio>



# FORT WAYNE REPEATERS GET A NEW HOME

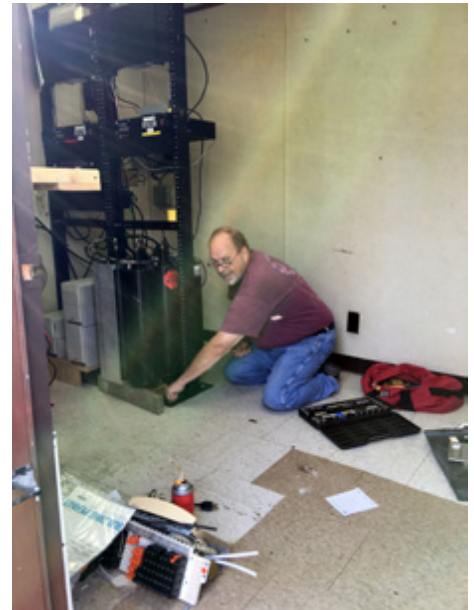
Last month, we told you the 76, 875, 1255, and 390 machines would be off the air for a week for a move out at the Indiana & Michigan Robison Park substation but the outage only lasted for about 8 hours!

The 146.76, 444.875 are back on the air. So is the ACARTS 147.255 machine and the 144.390 Digipeater for packet radio. The work was accomplished rather quickly, so instead of waiting roughly a week, it is done. Special thanks to the team, and I don't know all that were out there, but WB9SSE & K9OMA were leading the charge. Wow!

The 146.94 machine at Parkview on East State is next. We will be testing the repeater to be used in the upcoming WLDE project. This is a Fusion machine which is capable of both digital and analog FM operation. The 141.3 tone is required for analog operation since the machine needs a way to distinguish between an analog signal and a digital signal or just noise.

Steve Nardin, W9SAN.

The new facility is shown in the four photographs to the right and below.



Photos provided by Steve Nardin, W9SAN.



# THE FOXHUNT CHRONICLES

On an usually warm first Sunday of November, the Fort Wayne Radio Club held its final foxhunt of the 2016 season. The foxes, Linda, W9LAN, Steve, W9SAN, and their grandson, Alex, had chosen an Acres Land Trust location on Chapman Road in northern Allen County. This location includes the main office of the Acres organization. Pulling our Honda fox vehicle into the small parking lot, we assigned Alex the job of hiding the micro fox, which he located behind an old garage in a dead Elm tree, sliding it behind some the bark on the tree at about 5 feet above the ground. This height would prove to be just enough to allow the micro fox signal to be heard before hunters could localize the site.

At 1:30 pm, after turning all of our clocks back an hour to go back on Standard Time, the fox began transmitting. Since initial reception reports were weak, we increased power to 25 watts, swung the antenna in the direction we imagined the start point to be, and continued. Most were hearing us with enough strength to get a decent bearing and the hunt was on! Included in the hunt were five teams; the Burke-Pliett team of four, the Charles-Fred team of two, Jason plus daughter Kylie and Deborah, Jim and Kim, and a new team consisting of Brenda and Jim, KD9GDX & KD9GDY, hunting on their own for the first time after several ride along hunts. We kept transmitting every 5 minutes despite several interruptions by curious passersby's, curious bees, and Alex's new found bird calling skills.

Little did we know the drama that the hunters were enduring! Burkes and Plietts were nearly taken out of the hunt by a motorist that decided to change three lanes with no warning. The new Plumbers team decided to hunt from a ditch! Jim and Kim got lost in a housing addition with the micro fox blasting at them (that tree location proved good for propagation!).

It was nearly an hour gone by when Charles and Fred wheeled their truck into the lot in front of us. We quickly learned that the hunters had split up almost at the start and each was on their own.

As the hunters arrived, they began to search for the Fox. (we need a good



name for the Fox, any suggestions??) Fred quickly covered himself in sticky weeds, Kylie took a nose dive into the mud, and others started rearranging the woods at the site.

Soon, most everyone was there, and eventually found the Fox hiding in the bark of the dead tree. Then we noticed the poison ivy on the tree! Carefully, the bark was removed and fox found. Charles was the first to discover it. Then Jason, then the Pliett-Burke team, then the newest hunters, Jim and Brenda. Kim and Jim were last to the location, and found the fox in short order.

After trash talking each other for a bit, the decision was made to retreat to the Culver's on DuPont Road near I-69, where we shared tall tales of the year's hunting. Good times!

| CALL   | MONTH SCORE | YEAR-TO-DATE |
|--------|-------------|--------------|
| W9SAN  | 9.2         | 45.08        |
| W9LAN  | 9.2         | 46.08        |
| ALEX   | 9.2         | 33.33        |
| KC9UOQ | 2           | 42.6         |
| KK4QXC | 2           | 35.6         |
| KC9MUT | 6           | 35.34        |
| KC9EZP | 5           | 30.34        |
| AB9IZ  | -           | 12.67        |
| K9DNU  | -           | 5            |
| KC9UHU | -           | 12.67        |
| K9OMA  | 4           | 29.5         |
| KA9YYI | 4           | 28.5         |
| WB9SSE | 4           | 28.5         |
| WB9RUS | 4           | 28.5         |
| KB9DOS | 1           | 12           |
| KB9DOT | 1           | 12           |
| KD9FNM | -           | 2            |
| Kylie  | 2           | 6            |
| KD9GDY | 3           | 4            |
| KD9GDX | 3           | 4            |

If you want to become part of the Fox Hunting scene, why not start out like Jim and Brenda, do some ride-alongs, borrow one of our antennas, and give it a try! You can even help out from your home station if you have a directional antenna!

Now that the scores are tabulated and listed in the table.



We know that the winner for 2016, is W9LAN!

Congrats to all the hunters this year. It is fun and we learn a lot about tracking down signals. Plan on joining us next year!

Best regards,  
Steve, W9SAN



More photos of this and other FWRC foxhunts can be found on the FWRC web page under PHOTOS.

## FWRC REPEATER PROJECT MATCHING FUND STATUS

You may recall that the FWRC initiated a fund raising project for a new repeater installation on the WLDE tower near New Haven, as indicated on page 7 of the April 2016 issue of the Allen County Ham News and page 1 of the May 2016 issue. The club is delighted to announce that the target level of fund raising goal has been achieved.

There are several members of the FWRC that pledged to match dollar-for-dollar the contributions from the FWRC membership, up to a maximum of \$1500 total donated to the club by members. That contribution level has been achieved (and exceeded), providing a total of more than \$3000 for the WLDE installation project.

Additionally, ACARTS announced that they would also contribute matching funds for the project in the June issue of the Allen County Ham News. Since the FWRC has achieved the \$1500 donation goal, ACARTS has provided a check for \$1500 to the FWRC. The FWRC is grateful

for the assistance provided by this contribution and for the cooperation exhibited between the two clubs. The total available for the WLDE repeater project thus exceeds \$4500.

In addition to the contribution by ACARTS, the following FWRC members have given written consent to have their generosity acknowledged: KB9BNI, N3QKX, KD9HAV, W9NVU, AB9ZD, WB9SSE / WB9RUS, W9SAN / W9LAN, K9FMX, KC9CPG, W8ST / W9DJS, WA9QGL and KB9IH. There are twenty more donors who are currently anonymous until I receive emailed permission to list them as contributors in this funding drive.

The club has decided to leave the funding drive open until after the January FWRC meeting/auction. Additional contributions will be essential to complete the WLDE installation, and to assist in other club repeater activities.

Bob Streeter, W8ST, Treasurer, FWRC  
(w8st@arrl.net)

### STORM SPOTTER TRAINING

The northern Indiana office of the National Weather Service (NWS) has scheduled the Fort Wayne session of the storm spotter training for Tuesday, Feb. 21, at 7 p.m. at the Public Safety Academy: Ivy Tech South Campus at 7602 Patriot Crossing on the south side of Fort Wayne.

The NWS requests all participants to register in advance via [their on online form](#). If you know anyone who wishes to attend but does not have web access, please help them register with your connection or have them call the Allen County Office of Homeland Security at 260-449-4663.

### AMATEUR RADIO VOLUNTEERS ASSIST WITH WILDFIRE

We've lived in Tennessee just north of Nashville for a few years now. Eastern Tennessee has been in the national news this week because of the wildfires. We visited our daughter and her family last month in North Carolina and experienced some of it firsthand. We were headed east about 20 miles west of Asheville, when we noticed that the west bound lanes of I-40 were completely blocked by firetrucks as the first responders tackled a wildfire that had reached the shoulder of the highway. We could smell the smoke from her place south of Asheville. Most of the area hotels were 100% booked as a result of the mandatory evacuations.

There is some information on the [ARRL web page](#), including how amateur radio operators are helping provide communication services for the Red Cross efforts. I received an email yesterday from the local ARES Emergency Coordinator and it included a reminder that people should not self-deploy in these situations. If you would like more information on the current status of the wildfires, check the Tennessee Emergency Management Agency website at: <http://www.tnema.org>.

Ken AB9ZD

# 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](http://www.arrl.org/contests)

ARRL's National Contest Journal [www.arrl.org/ncj](http://www.arrl.org/ncj)

ARRL Contest Update [www.arrl.org/contest-update-issues](http://www.arrl.org/contest-update-issues)

Contesting On-Line [www.contesting.com](http://www.contesting.com)

WA7BNM Contest Calendar [www.hornucopia.com/contestcal/](http://www.hornucopia.com/contestcal/)

DXNews <http://dxnews.com>

DX Zone Contesting [www.dxzone.com/catalog/Contesting/](http://www.dxzone.com/catalog/Contesting/)

ARRL Contest Calendar [www.arrl.org/contest-calendar](http://www.arrl.org/contest-calendar)

| NRAU 10-METER ACTIVITY CONTEST   |    |                    | ARRL 160-METER CONTEST   |   |                    | AWA BRUCE KELLEY 1929 QSO PARTY  |        |                    |
|--|----|--------------------|--|---|--------------------|--|--------|--------------------|
| DECEMBER 1, 1800Z  |    | DECEMBER 1, 2200Z  | DECEMBER 2, 2200Z  |   | DECEMBER 4, 1600Z  | DECEMBER 10, 2300Z   |        | DECEMBER 18, 2300Z |
| 28   | -  | PHONE, CW, DIGITAL | 1.8  | - | CW                 | 1.8-7  | -      | CW                 |
| RS(T), 6-CHAR GRID SQUARE  |    |                    | W/VE: RST, ARRL/RAC SECTION; DX: RST                                 |   |                    | RST, NAME, QTH, EQPT YEAR AND TYPE   |        |                    |
| <a href="http://www.nrau.net/activity-contests">www.nrau.net/activity-contests</a> |    |                    | <a href="http://www.arrl.org/160-meter">www.arrl.org/160-meter</a>   |   |                    | <a href="http://www.antiquewireless.org">www.antiquewireless.org</a>   |        |                    |
| ARRL 10-METER CONTEST  |    |                    | CQC GREAT COLORADO SNOWSHOE RUN                                      |   |                    | RAC WINTER CONTEST   |        |                    |
| DECEMBER 10, 0000Z   |    | DECEMBER 11, 2359Z | DECEMBER 11, 2100Z   |   | DECEMBER 11, 2259Z | DECEMBER 17, 0000Z   |        | DECEMBER 17, 2359Z |
| 28   | -  | PHONE, CW          | 14   | - | CW                 | 1.8-28   | 50,144 | PHONE, CW          |
| W/VE/XE: RS(T), SP OR XE STATE. DX: RS(T), SERIAL                                  |    |                    | RST, SPC, ANTENNA CLASS, MBR OR POWER                                |   |                    | RS(T), PROVINCE/TERRITORY OR SERIAL  |        |                    |
| <a href="http://www.arrl.org/10-meter">www.arrl.org/10-meter</a>                   |    |                    | <a href="http://www.coloradoqrpclub.org">www.coloradoqrpclub.org</a> |   |                    | <a href="http://wp.rac.ca/">http://wp.rac.ca/</a>  |        |                    |
| ARRL ROOKIE ROUNDUP, CW  |    |                    | RUN FOR THE BACON QRP CONTEST  |   |                    | DARC CHRISTMAS CONTEST   |        |                    |
| DECEMBER 18, 1800Z   |    | DECEMBER 18, 2359Z | DECEMBER 19, 0200Z   |   | DECEMBER 19, 0400Z | DECEMBER 26, 0830Z   |        | DECEMBER 26, 1059Z |
| 3.5-28   | 50 | CW                 | 1.8-28   | - | CW                 | 1.8-28   | -      | PHONE, CW          |
| NAME, 2-DIGIT YEAR FIRST LICENSED, SP OR XE AREA OR "DX"                           |    |                    | RST, SPC, MBR OR POWER   |   |                    | RS(T), DOK OR SERIAL   |        |                    |
| <a href="http://www.arrl.org/rookie-roundup">www.arrl.org/rookie-roundup</a>       |    |                    | <a href="http://qrptest.com/pigrun/">http://qrptest.com/pigrun/</a>  |   |                    | <a href="http://www.darc.de/referate/dx/contest/xmas/en/rules">www.darc.de/referate/dx/contest/xmas/en/rules</a> |        |                    |

## 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](mailto:AB9ZD@ARRL.NET).

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

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

## FOR SALE

### 45-Foot Universal Aluminum Tower

With an Alliance HD-73 Rotor. Tower is 18 inches at base and 11-inch top with two 14-inch middle sections.

Tilt base included

\$450.00

John Raifsnider, W8JER, 269-625-4360 or email at: [w8jer1950\(at\)gmail.com](mailto:w8jer1950(at)gmail.com)



## SANTA NET ON 3.916 MHz

For the 11th consecutive year, The 3916 Nets will be staging The Santa Net on 3.916 MHz. Good girls and boys will be able to talk to Santa Claus, via amateur radio, nightly at 7:30 PM (Central) starting November 25, 2016. The Santa Net will run nightly at 7:30 PM Central through Christmas Eve, December 24, 2016.

<http://www.eham.net/articles/37939>

# 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 members<sup>1</sup> ☐ \$6.00 / year  
 Student membership<sup>2</sup> ☐ \$6.00 / year  
 Associate membership<sup>3</sup> ☐ \$6.00 / year  
 (New Regular memberships are \$1/month)

## Fort Wayne Radio Club Dues

Regular membership ☐ \$20.00 / year  
 Family membership<sup>1</sup> ☐ \$30.00 / year  
 Student membership<sup>2</sup> ☐ \$5.00 / year  
 Associate membership<sup>3</sup> ☐ \$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                                    |
| <b>Notes:</b><br>1. Output 141.3 Hz, present<br>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/inhfnets.html>

To:

## Activities Calendar



| Date       | Time    | Event                   | Place                   |
|------------|---------|-------------------------|-------------------------|
| 12/09/2016 | 6:30 PM | FWRC Christmas Banquet  | GSUMC                   |
| 12/13/2016 | 7:00 PM | ACARTS Board Meeting    | Salvation Army Facility |
| 12/20/2016 | 7:00 PM | ACARTS Christmas Dinner | Don Halls Guesthouse    |
| 01/??/2017 | 7:00 PM | FWRC Board Meeting      | GSUMC                   |
| 01/10/2017 | 7:00 PM | ACARTS Board Meeting    | Salvation Army Facility |
| 01/??/2017 | 7:00 PM | FWRC General Meeting    | GSUMC                   |
| 01/17/2017 | 7:00 PM | ACARTS General Meeting  | Salvation Army Facility |
| 02/21/2017 | 7:00 PM | Storm Spotter Training  | Public Safety Academy   |