

# Allen County HamNews

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

February 2020

Volume 21

Issue 2

## Allen County ARES News



The Allen County Amateur Radio Emergency Service Team in Allen County provides the opportunity for Hams to provide support in the event of disasters in our community. In addition we support our community by providing communication support to events like charity walks, runs and bicycle events, 2020 looks to be a very busy year for the team.

The team in Allen County consists of almost 60 volunteers. These members volunteer their time to support these community events and to prepare for emergency activation. In addition, ARES Team members also provide SKYWARN spotters whom are activated in the event of severe weather to provide ground truth to the National Weather Service.

The first quarterly meeting of the ARES Team will occur on Thursday, February 20, 2020 at 1830 hours at the Allen County Public Library in downtown Fort Wayne. We will review upcoming events and there will be a brief training presentation on Winlink Express. Anyone interested in emergency communications are invited to attend.

### Mark Your Calendars

Upcoming events that the Allen County ARES Team will be supporting include:

Glacial Esker 40 mile run at Chain O'Lakes State Park on Saturday, April 25<sup>th</sup>.

Ronald McDonald House Charity Bike Ride on Sunday, April 26<sup>th</sup>. This bike ride runs between Kreager Park and Antwerp, OH.

Fort 4 Fitness Spring Cycle on Saturday, May 30<sup>th</sup>. This event begins in downtown Fort Wayne and heads east to Antwerp, OH.

There will be more opportunities throughout the year,

Jim Moehring, KB9WWM

Allen County ARES Emergency Coordinator

### Editor's Note

January was a busy month for FWRC and ACARTS. I am still working out the formatting for the newsletter—next month's edition will be more streamlined. Please be sure to send any articles, photos, or announcements that you would like to have included in the March edition of the Allen County HamNews by the end of March 1st. Have a great month of February. 73,

Josh Long, W9HT

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## Allen County Severe Weather Seminar Planned March 28

By Jay Farlow, W9LW, SKYWARN net manager

The Allen County, Indiana Amateur Radio Emergency Service (ARES) team plans another storm spotter education event this spring. Like the event ARES hosted last February, this year's Allen County Severe Weather Seminar will take place in the auditorium of the Allen County Public Library in downtown Fort Wayne. Several things about this year's event, however, will be different.

First, we plan to begin this year's event at 10 a.m. on a Saturday (March 28), which will eliminate attendee concerns about the library locking their cars in the parking garage. Second, we plan to expand this year, to offer both the basic spotter class we provided last year and an optional advanced session following the basic class. The advanced session will provide more in-depth information that can improve spotters' situational awareness. One example is where to find and how to interpret forecast data, such as measures of instability, wind shear, etc.

At the time this article was being written, we were still finalizing the program, but we had commitments from three local broadcast meteorologists to speak.

The planned schedule is:

**10 a.m. to noon:** Basic storm spotter class

**Noon to 1 p.m.:** Lunch on your own off site (food is prohibited in the auditorium)

**1 p.m. to 3 p.m.:** Advanced presentations

People may attend either or both sessions. As last year, we will not charge an admission fee but we will require online registration. Watch the [FWRC website](#) and the [Allen County ARES Facebook page](#) for an announcement that registration has opened. ARES and the Allen County Office of Homeland Security are cohosting the 2020 Allen County Severe Weather Seminar.

Save the date!

# Allen County Severe Weather Seminar

Saturday, March 28, 2020

Allen County Public Library  
900 Library Plaza (downtown Fort Wayne)

**Co-hosted by**

Allen County Amateur Radio Emergency Service and  
Allen County Office of Homeland Security

**Two sessions. Attend either or both!**

**10 a.m. to noon: Basic SKYWARN storm spotter course**

Noon to 1 p.m.: Lunch on your own at nearby restaurants

**1 p.m. to 3 p.m.: Advanced topics for storm spotters**

Speakers and online registration to be announced in February



# Hamsplatter

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

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## CAROLE'S CORNER



The first month of 2020, of our Centennial year has passed. We started the year with an indoor tailgate hamfest. I don't know how much equipment changed hands, but there was a lot of rag-chewing going on. I, for one, enjoyed the evening. Let us know if you would like to make this a permanent activity for the Fort Wayne Radio Club. I would also like members to let the board know what kind of programs they would like to see in the future.

Jim Pliett, K9OMA suggested that we organize some field trips. I fully support this idea, so if there is interest, and someone would like to head this up, please let the board know.

This is our Centennial year, and we are making some plans to celebrate via special event station activities. As these plans develop we will need help in executing them, so we will be looking to you, our members for help. We are considering participating in the TRF Parade and a weekend setting up a special events station at Parkview Field, if Parkview Field management will allow it. There are other plans afloat too.

Please join us February 21 for our February meeting, a program and some fellowship. And bring your suggestions and ideas!

73, Carole WB9RUS

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## On the Air and KD9GDX

The *On the Air* podcast is a companion to the bimonthly *On the Air* magazine (an ARRL membership benefit) and takes a deeper dive into select features and projects. Each month, host and *On the Air* Editorial Director Becky Schoenfeld, W1BXY, will offer additional resources, techniques, and hints to help you get the most from the magazine's content.

Brenda Plummer, KD9GDX, of Fort Wayne IN was interviewed for the 2<sup>nd</sup> episode of the podcast which will air on February 13, 2020. They talk about Hams getting involved in Public Service Events.

Members of ARRL can find the podcast on the ARRL website and listen via Blubrry, Apple iTunes or Stitcher.

### **The First FWRC Indoor Tailgate Hamfest**

Friday the 17<sup>th</sup> of January, 2020 marked a date in history for the Fort Wayne Radio Club. It included the first meeting of the club as it commenced its 100<sup>th</sup> year of existence, and it was the occasion of the FWRC's first indoor Tailgate Hamfest.

Historically the January meeting had been the occasion of a ham radio oriented auction for a number of years that was held at the clubs meeting place, the Good Shepherd United Methodist Church. This year the Board of Directors decided to try something a little different, a Tailgate Hamfest, same as the annual Tailgate Hamfest in August, but inside, without the summer heat and mosquitoes, and without having to involve the club Treasurer in any of the financial transactions that would transpire.

The January meeting / Tailgate Hamfest was hosted by newly elected president Carole Burke, WB9RUS, and we had about 40 members in attendance, including our usual bevy of gorgeous YL's / XYL's.

Following the Pledge of Allegiance everyone present introduced themselves with their call signs. Since the January meeting consisted mainly of the Hamfest, we did not conduct a formal business meeting but rather just got down to looking at and negotiating over the goodies that attendees had brought in.

However Steve Nardin, W9SAN did take the opportunity to announce that he was attempting to publish a version of the Allen County newsletter, on a temporary basis, similar to the one we published before the passing of our former editor Ken Helms, K9ZT. It won't be as fancy as Ken's version, but it should get the job done. The first edition will be published in February and monthly thereafter and Steve is looking for input from the FWRC, ACARTS, the FWRC Association and anyone else interested in getting ham radio oriented material out to the local ham community, same as it was when Ken was the editor. The FWRC is soliciting someone in the ham community to take the editor task on as a permanent task.

The meeting started at 6:30 pm and the 40 attendees remained until about 8:30 pm, and it appeared a good time was had by all. I don't know how much equipment changed hands, but there sure were a lot of negotiations going on. Depending upon feedback from club members, I suspect that the January Tailgate Hamfest will become an annual event.

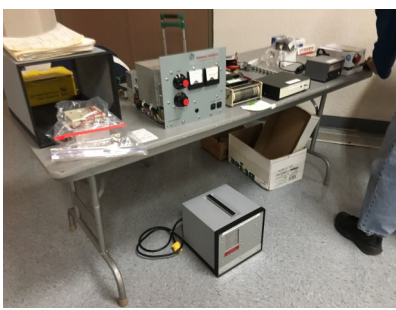
73's

Al Burke, WB9SSE

### **FWRC February Meeting Speaker**

FWRC President Carole Burke, WB9RUS announced that Carl Luetzelschwab K9LA, ARRL Central Division Vice Director has agreed to speak at the next FWRC regular meeting (7:00 pm, Friday, 21 February at the Good Shepherd United Methodist Church). His subject will include the latest goings-on at the ARRL plus some informative comments of the current sunspot cycle and what to expect propagation-wise in the next year or so

# Views from the January Indoor Tailgate Hamfest



# State of the Arts

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN

## ACARTS February 2020 President's Message



Many thanks to Carl, K9LA, for his great presentation at the January meeting on numerous topics of interest to the amateur radio community. Carl's knowledge and insight on the sunspot cycle is always worth hearing. Thank you to the many members that attended the meeting. Your participation is what is needed to keep ACARTS alive.

The February program on the 18th will be a presentation on SimSmith, a computer program that makes using the Smith Chart easy. The Smith Chart has always been a method to visualize complex impedance configurations. SimSmith allows you to just plug in the numbers, make changes to any element in the system, and see the results without having to draw lines and circles on the chart. The February issue of QST happens to have an article on page 45, "An SWR-Shifting T", that makes extensive use of the Smith Chart and mentions SimSmith as a program that is capable of doing the calculations in the article. As this article is a practical example of how a Smith Chart simplifies calculations involving complex reactance, Jim will go through the article, explain how the Smith Chart is used, and how SimSmith simplifies the task to provide you with a perfect antenna system. SimSmith instantly shows how feedline type and length affect the system and how inserting baluns or stubs will alter the results.

The March meeting on the 17th, will be a presentation by Tom, KU8T, on "Parks on the Air."

73,  
Dave Lindquist, W9LKH  
President

## ACARTS January 2020 Board Meeting Minutes

The meeting was called to order by Dave, W9LKH.

Dave announced that the January meeting would be a presentation by Carl, K9LA, on an IEEE Antenna Application Symposium that he had attended and on other timely amateur radio topics.

Dave stated that he thought about asking Tom, KU8T, to give a presentation on "Parks on the Air" for either the February or March meetings, and Jim, KB9IH, could give the program on "SimSmith" that he had volunteered to present. No one had any other ideas, so Dave said that he would contact Tom, and let Jim know what month Tom was available so Jim could give his presentation the other month.

Dave said that April would be the Spring Banquet and that he usually makes the reservations in early February. There has been some talk about holding the banquet at the Liberty Diner instead of the Guesthouse. Dave said that he would like to give the choice to the members and those that normally attend the banquet and would like to do that in early February. Steve, K9SKS, volunteered to check with the Liberty Diner to see if it was available and what they offered, including photos of the banquet room so that ACARTS members would have additional information available to make a choice between facilities.

Dave asked the board if ACARTS should continue having the Allen County HamNews printed and mailed once publication is resumed. He stated that current costs are about \$2.50 per mailed copy and that there are currently 7 copies printed, one to a member that doesn't get ACARTS e-mails, one to a member that gets the e-mails, two to life members that get the e-mails, and comp copies to WANE-TV and the National Weather Service. Fort Wayne Radio Club sends one copy to a member that pays \$25.00 extra per year and doesn't have or won't supply an e-mail address. After a brief discussion, Jim, KB9IH, made a motion to discontinue printing and mailing the newsletters, it was seconded by Fred, KC9EZP, and passed by a voice vote. Dave said that he would notify FWRC that their one member would no longer be receiving a newsletter in the mail.

Howard, N9ADS, presented a proposed ACARTS budget for 2020, as well as last year's budget and actual expenses for comparison. After a discussion, Fred, KC9EZP, made a motion to accept the budget as presented. The motion was seconded by Chris, W9TSB, and passed by a voice vote. Dave added that the budget would be presented to the general membership at the January meeting.

No other business was discussed.

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

Submitted by Dave Lindquist, W9LKH





## Working DX With My 160m Inverted-Vee

Carl Luetzelschwab K9LA

Due to my desire to focus on 80m to finish my 5BWAZ, I converted my 160m/80m duo-band antenna from an inverted

-L on 160m and a vertical on 80m to simply a vertical on 80m. See the September 2019 column for details on this 80m vertical.

To continue to cover 160m, I put up a 160m inverted-vee with its apex at a whopping 45 feet. Yes, it's a cloud-warmer, but it has given me good results in domestic 160m contests. For example, I used it in the CQ WW 160m CW contest in January 2017. I came away with 44 states (missed ME, ID, NE and AK), 7 Canadian provinces (VE9, VY2, VE2, VE3, VE5, VE6 and VE7) and 17 DXCC entities (mostly Caribbean, Central America, Mexico and South America, with a few Europeans, a North African and a KH6 in the mix).

Not bad for a cloud-warmer antenna, right? I'll admit that I usually didn't get through a pile-up first, second, or even third. But I eventually made the QSO. I used my Commander HF-1250 amp (single 3CX800 at about 1000 Watts output) and supplemented the receive efforts with my SAL-20 Shared Apex Loop.

So how does the 160m inverted-vee do on more than run-of-the-mill DX? About a week ago (I'm writing this in early October) the ZK3A DXpedition to the Tokelau Islands came on the air. The short path between me and ZK3A is about 10,400 km. That's not extreme, but it is a decent distance.

They were quite easy to hear on the Shared Apex

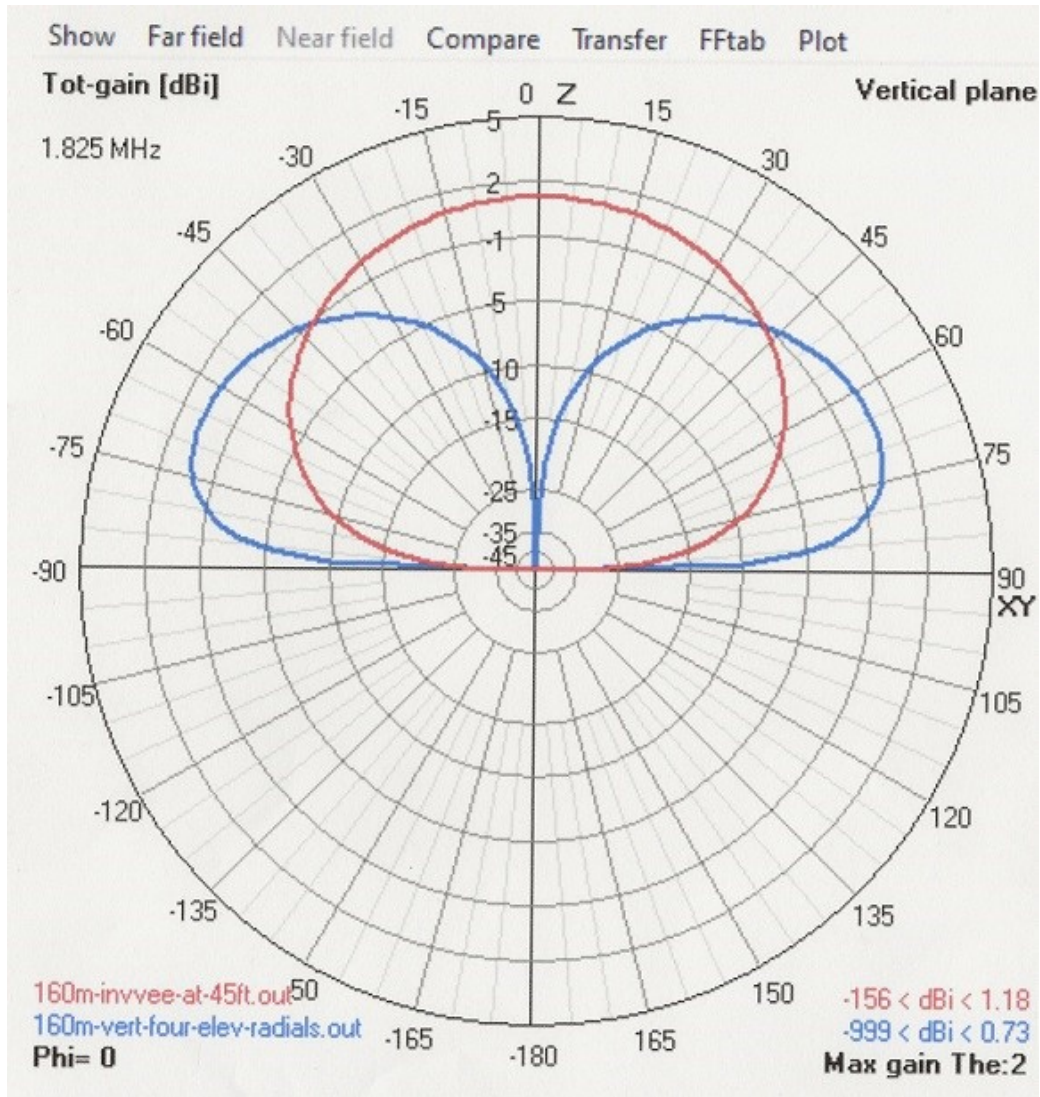
Loop, but I had much trouble working them. After 4 mornings without getting in their log, I began to worry that I wasn't going to work them. ZK3 is a new one for me on 160m, so the worrying was warranted. Many times ZK3A would CQ, indicating they heard no one. I actually got to the point of thinking about running a slanted wire from the top of the 80m vertical to the house to temporarily make it into a 160m inverted-L.

But first, I decided to pay extra special attention to my sunrise, as there could be a sunrise enhancement in signal strength on both ends – maybe I'd get through then. So on Sunday morning (October 6), I again hoped they would hang around until our sunrise (sometimes they didn't). Sure enough, they did hang around, and their signal came up even more around sunrise. I worked them at 1140 UTC (7:40 AM local), which was a couple minutes before sunrise. Whew!

So why did I have so much trouble working them? A look at the elevation patterns of an inverted-vee at 45 feet and a vertical with a decent ground showed the problem. See the accompanying figure. The inverted-vee (red curve) was down at least an S-unit at the lower elevation angles compared to a vertical (blue curve). That's a bunch on 160m.

A couple mornings later I had no problem working the TO8ØSP DXpedition to FP (Saint Pierre and Miquelon Islands) on 160m. That's just a 2375 km path, and would have less free space path loss and perhaps a higher elevation angle where the inverted-vee wouldn't be down as much.

So I'll continue to use the 160m inverted-vee for now – but I reserve the right to panic when a tough-to-work DX station comes on 160m.



Elevation pattern of the inverted-vee vs the vertical

## The Foxhunt Chronicles

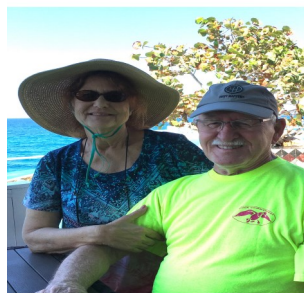
February 2020

So, here it is February, 2020, the centennial year of the Fort Wayne Radio Club. And February marks the start of another season of Foxhunting. One initiative worth taking on this year is to grow the ranks of foxhunters in and around Allen County, and we hope to accomplish this as the year goes on.

We hunt the wily fox on the first Sunday of the month, February through November. (We take December and January off to get the blood flowing again in our frozen fingers and toes). Each hunt starts from Cobin Memorial Park on south Coliseum Blvd next to Lakeside Golf Course. The fox itself can be ensconced anywhere in Allen County. The fox actually consists of a foxhunting team serving as (high power) fox for that particular month plus a microfox that they have cleverly hidden (usually) close to the location of the high power fox. The high power fox typically transmits about a 30 watt fm signal using a yagi on 146.430 MHz for one minute every five minutes, while the microfox transmits about a 40 milliwatt frequency modulated cw signal for one minute every 2 ½ minutes. Once the foxhunters identify the general location of the fox using the high power fox signal, they dismount and track down the microfox with hand held DF equipment.

For February there were three foxhunting teams in the game. The first team consisted of Linda and Steve Nardin, W9's LAN and SAN minus their grandson Alex who usually fills out their team but was unable to attend this month. The second team consisted of Don Glick, K9LI and his wife Julie. The third team included Charles Ward, KC9MUT and Fred Gengnagel, KC9EP.

The part of the fox was played by the team of Carole and Al Burke, WB9's RUS and SSE, minus their usual cohorts Annie and Jim Pliett, KA9YYI and K9OMA. Seems as if Jim and Annie decided to take respite from the cold and snow and were getting some rays at a resort down in Jamaica.



When asked why they weren't in town for this first hunt of 2020, they said "Hey Mon, we got to relax sometime. No problem."

Al and Carole hid out near the boat ramp just off E. California Rd. on the west bank of the St. Joe River at the foot of the PFW Student / St. Joe Pathway suspension bridge.



They employed a 4 element yagi at about 15' driven by a 20 watt FM base station rig. It produced a robust high power fox signal at the Cobin Memorial Park initial receiving site / starting point.

For the microfox they employed the microprocessor controlled microfox package that has been employed for fox-hunting for several years now. As a result of experiencing the absolutely diabolical techniques employed by certain unnamed foxhunters who devised genuinely evil techniques at camouflaging and hiding the microfox in past years, Al decided to try something different for this hunt. He decided to hide the microfox under water. A significant amount of experimentation was necessary to find a suitable, leak free container for the microfox. Al finally settled upon a quart Mason jar as the perfect container. It was tall enough to accept the microfox package and it sealed up great. He used a large number of nails plus some nuts and bolts to act as ballast inside the Mason jar (more on this later) and to occupy volume inside the jar not used by the microfox. Thus the Mason jar would sink like a rock when placed underwater, a fact confirmed by testing the thing in Carole's sauna-bathtub which was filled to the brim with water. This testing verified that the package would not leak, and also that the microfox signal was loud and clear when it was turned on and under water.



Sunday afternoon after having set up the high power fox equipment at the hide site Al was getting ready to emplace the microfox in the river when a member of the Purdue-Ft. Wayne Campus Security Detail pulled up. Spying Carole and Al he naturally was curious what we were up to. No sweat I thought until it occurred to me that, from his point of view, here was a guy with strange looking radio equipment about to hide a small package near the student walking trail that contained some kind of electronics and stuff that was clearly surrounded by nails. I could imagine his asking himself "Watcha doing there Mr. Terrorist?"

So I naturally made it a point of explaining to him that we were part of a foxhunting exercise that the FWRC conducts monthly ...Yahda, Yahda, Yahda. He accepted all of this and asked how many other people were involved. I explained to him that about seven or eight folks comprising the fox hunting crews would show up within an hour of starting the hunt, and would eventually discover the microfox hiding place under the water. I told him that the hunters were just normal people (although a couple of them might look a little suspicious). He seemed satisfied, wished us good luck and continued on his rounds.

Forty five minutes after the start of the hunt Don and Julie Glick showed up on site, dismounted and started looking for the microfox. Shortly after that Steve and Linda Nardin arrived followed by Charles and Fred and the foot race was on.



I was impressed with Don's trust in his hand held DF equipment because it consistently dissuaded him from searching in the marshy plants around the shore of the river and pointed him out into the river. He told me after the fact that after tearing up a bunch of plant material he finally concluded that the microfox had to be in the river and under water. So he reasoned that there must be a cord attached to it so that it could eventually be retrieved from under the water and thus started looking for the string. Once he found the string I had attached to the neck of the Mason jar the hunt was over.

Subsequently Steve Nardin and then Charles and Fred found the microfox and at that point I was relieved that no one fallen into the river and we were not bothered by any passing freshwater crocodiles or other such bad tempered creatures.



After the hunt we buzzed over to Logan's Steakhouse on Lima Rd. and partook of their fare. It was warm and dry and the food was good. No one went away hungry.

The scoring for this month's competition is as follows:

FOXHUNTER	FEBRUARY SCORE	YEAR-TO-DATE SCORE
WB9RUS	4.33	4.33
WB9SSE	4.33	4.33
W9SAN	2	2
W9LAN	2	2
KC9MUT	1	1
KC9EZP	1	1
W9LI	4	4
JULIE	3	3

It turns out that Don and Julie will not be in town for the March foxhunt so Steve and Linda (and hopefully Alex) will serve as the fox for next month's adventure. Why don't you come join us on the next hunt which will occur on Sunday, 2 March starting at 13:30 hours?

Respectfully submitted,

Al Burke, WB9SSE

# FWRC – W9TE Kicks Off Centennial Year as K3Y/9

The Fort Wayne Radio Club was granted permission to use the special SKCC (Straight Key Century Club) January call sign, K3Y/9, for Saturday, January 11. 10 members of the Fort Wayne Radio club showed up at the shack of N8KR and pounded out 261 cw contacts using straight keys or bugs – all mechanical cw sending devices! W9TE was heard throughout the world with several dx contacts to Europe, Asia, South America and Africa along with contacts in 40 US states, 4 Canadian Provinces and working one of our locals – WB9EAO (Joe) who was on a DX-pedition to Bermuda! The 12 hour Saturday operation was quite relaxed with lots of snacks/food and good conversation/fellowship! Steve – W9SAN visited to see how we set up and operate 3 stations simultaneous without major interference. (2 stations had KW amplifiers while the 3<sup>rd</sup> operated at 200 watts!) SKCC provides many opportunities for special event operations. We are planning another W9TE multi event in SKCC later in the summer or early fall! Consider participating with us!



Al – K9FW operates 40m as Ed – WA9BBN logs



Josh – W9HT at the 30m station while Jamie – W0CD and Terry – K9FMX operate the 20 meter station

## FWRC Members Active during SKCC January Event

Each year, the Straight Key Century Club (SKCC) hosts a special month-long operating event using the call sign K3Y. Members request special use of the call sign appending their call area to it. (ie K3Y/9) Amateurs world-wide then look for the various K3Y call signs to add to their logs and SKCC awards. This year 199 SKCC ops throughout the world were given time slots to activate K3Y call during January. These operators made a total of 39,422 contacts!! Leading the charge for SKCC was our own Fort Wayne area FWRC members! Along with operating W9TE on Saturday, Jan. 11 making 261 contacts, Ed – WA9BBN operated K3Y/9 for 97 contacts, Josh – W9HT for 62 contacts, Jim – KD9GDY for 61 contacts, Jay – W9LW for 48 contacts and Ken – N8KR for 45 K3Y/9 contacts and 159 K3Y/4 contacts. Joe – WB9EAO (soon to be FWRC member) also made 54 contacts as K3Y/9 and 273 contacts as K3Y/VP9! Those are significant numbers from our neck of the woods!

Not only did we operate as K3Y, individual members also contacted the various K3Y stations during the month! FWRC SKCC members were on the air making lots of contacts. FWRC club members active during the month include K9FMX, KU8T, W9LW, AC9EZ, K9LA, W9BGJ, WA9BBN, KD9GDY, K9LI, K9FW, KB5DFS, K9EA, W9GT, NJ0U, W9HT and N8KR. That's quite a list!! Some of our members had unique accomplishments. Ed – WA9BBN worked K3Y ops from 48 states, Jim – KD9GDY worked 100 of the 199 special K3Y operators along with working 90 of the 152 band slots, Josh – W9HT, Jim – KD9GDY, Al – K9FW, Don – K9LI, John – NJ0U, and Ken – N8KR achieved the Grand Sweep of all 19 call areas!

SKCC is active, especially here in the Fort Wayne area! Time for more to dig out that old straight key and join us! Visit SKCCgroup.com for more info. Our next operating event is this weekend's WES event from 8am Saturday Jan. 8 through 8 pm Sunday Jan. 9. Also, our February 2 hour sprint is Tuesday night, Feb. 25 from 7-9 pm. Look for me during those events as I continue to enjoy sunny, warm Florida! Ken – N8KR/4

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
<b>Notes:</b>			<b>Notes:</b>			N9MTF	442.6375 (+)	N/A	Fort Wayne, DMR
<b>General Note:</b> 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.			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			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
						<b>Notes:</b>			



## SKCC at Ft. Wayne Hamfest de Ken – N8KR

60+ SKCC members from Indiana, Ohio, Michigan, Illinois, and Canada visited the SKCC booth at the Fort Wayne Hamfest this year. When I got word that we would have a booth at the hamfest, the PR efforts for the hamfest to our 21,300 member group began. During the two months before the hamfest, we periodically made several posts on the SKCC reflector and Sked page, advertising the hamfest. Additionally, Ed – WA9BBN and I sent personal emails to over 100 SKCC members outside of the Fort Wayne area (especially OH, MI, and IL). More than half of the SKCC visitors to the booth were from out of town! We also had 5 people visit the SKCC webpage requesting membership as a result of the booth. There was always activity at the booth as both members and curious individuals wanted to see and play with the variety of keys, bugs and cooties on display. One very young individual learned to send his name with Morse code . . . it was great to see the smile on his face as he tapped out his name! The booth was also a great place for members to sit and relax and meet, face to face, people that they only know from on air contacts!

Saturday culminated with a dinner gathering at a local restaurant. While many of the 20 present were from the Fort Wayne area, we also had members from Muncie, Indianapolis, Kokomo, and the Cincinnati area! It was nice that they stuck around for the dinner instead of heading back home earlier.



AREA NETS					
<b>Daily</b>			<b>Tuesday</b>		
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	<b>Wednesday</b>		
6:30 PM	146.880-	IMO (alternate is 146.760)	7:00 PM	146.760-	FWRC YL 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)
<b>Week Days</b>			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
<b>Sunday</b>			<b>Thursday</b>		
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)
<b>Monday</b>			<b>Saturday</b>		
8:00 PM	224.780-	Fort Wayne 224 Net	8:00 PM	146.685-	Huntington ARES
<p>1. All times local time. <b>Any changes or corrections should be submitted to the newsletter editor at</b> <a href="mailto:w9ht@arrl.net">w9ht (AT) ARRL.NET</a></p> <p>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.</p> <p>3. Reflector REF024B.</p> <p>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.</p> <p>5. Indiana HF Traffic Nets Web Site: <a href="http://www.inarrl.org/index.php/public-service/indiana-nts">http://www.inarrl.org/index.php/public-service/indiana-nts</a></p>					

## 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 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  \$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!