

Allen County HamNews

Fort Wayne Radio Club Fort Wayne DX Association

Allen County Amateur Radio Technical Society

October 2021

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And more!

CELEBRATING

100 YEARS OF TRANSATLANTIC HAM RADIO CONTACTS



Ramblings from the Editor

From the ARRL: Helping Young People

Earlier this year you may have heard that the FCC is moving towards charging application fees for amateur radio licenses. Along with other individuals, I filed comments with the FCC in response to the proposal and argued that these fees could discourage new individuals from joining the hobby. Ultimately, the FCC decided to move ahead with these application fees.

While these fees are not being collected by the FCC at present, the ARRL is creating a program to cover initial license fees for young people wanting to enter the hobby. You can read more about this at: <http://www.arrl.org/news/arrl-board-establishes-program-to-cover-initial-fcc-license-fee-for-young-applicants>. I applaud the League's work to support young people in the hobby.

100 Years of Transatlantic Contacts

This December marks the centennial anniversary of the first ham radio contact across the Atlantic Ocean. Jim, AC9EZ tells this story in his Tuning Up article in this edition.

Also, the ARRL and RSGB are sponsoring a series of special event stations to commemorate this historic event. You can find more information at: <http://www.arrl.org/news/arrl-rsgb-announce-joint-events-to-celebrate-centenary-of-ham-radio-transatlantic-success>.

Wrapping Up

Have a great month of October, and let's look forward to the Fort Wayne Hamfest in November!

73,

Josh, W9HT



ALLEN COUNTY HAMNEWS

HAMNEWS IS A MONTHLY PUBLICATION OF THE FORT WAYNE RADIO CLUB, THE ALLEN COUNTY AMATEUR RADIO TECHNICAL SOCIETY, AND THE FORT WAYNE DX ASSOCIATION.

ARTICLES ARE WRITTEN BY MEMBERS AND FRIENDS OF EACH OF THE THREE CLUBS. NEW SUBMISSIONS FOR HAMNEWS ARE ALWAYS WELCOME. PLEASE SUBMIT YOUR INFORMATION TO THE EDITOR WITHIN TWO DAYS OF THE END OF THE MONTH FOR INCLUSION IN THE NEXT EDITION.

FOR ANY QUESTIONS, PLEASE CONTACT THE NEWSLETTER EDITOR.

**HAMNEWS EDITOR
JOSH LONG, W9HT
DRJOSHLONG (AT) GMAIL.COM**

DON'T MISS THE...

**2021
FORT WAYNE
HAMFEST AND
COMPUTER EXPO**

SATURDAY, NOVEMBER 13, 9-4

&

SUNDAY, NOVEMBER 14, 9-2

**ALLEN COUNTY
MEMORIAL COLISEUM**

[HTTP://ACARTS.COM/HFMAIN.HTM](http://acarts.com/hfmain.htm)

Hamsplatter

Fort Wayne Radio Club

P.O. Box 15127, Fort Wayne, IN



Carole's Corner for October 2021

Well, October is almost upon us and that means Fall. This month is election month, so if anyone is interested in running as a Club officer or for the Board, please self-nominate. None of the offices are difficult, and a position serving on the Board is even easier. Please consider running for something. We always need new ideas. Our October meeting will occur on Wednesday, October 13, 6:00 at the Dupont Library. I tracking an interesting tower installation program that I am waiting to confirm is a go.



November is our last meeting at the Dupont Library. The December meeting and Christmas banquet will be

at the Salem United Methodist Church.

Foxhunts are going strong. If you have never tried one, ride along with someone to learn the ropes. And there is always the opportunity for delicious food afterwards. The last foxhunt for this year will occur in November, and then we will resume again in February.

Hope to see a lot of you at this month's meeting. Come, participate, and VOTE.

73,

Carole, WB9RUS

Next FWRC Meeting

Allen County Library,
Dupont Rd. Branch

10/13 at 6pm



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Newsletter Editor

Josh Long, W9HT

FORT WAYNE RADIO CLUB MEETING MINUTES

14 September 2021

The September meeting of the Ft. Wayne Radio Club was held at the Dupont Rd. branch of the Allen County Public Library on 14 September, 2021. We made use of a meeting room which provides comfortable space for about 35 people in a Corona virus compliant environment. Follow-on meetings are scheduled at the Dupont branch for 13 October and 17 November after which we plan to transition back to Friday evening meetings at our traditional meeting venue, the Good Shepherd United Methodist Church on Vance Ave. across from Snider High School.

Club President Carole Burke, WB9RUS welcomed the attendees (about 15) and led them in the pledge of allegiance as is our usual practice. Then all present introduced themselves by their name and call-sign.

Treasurer Bob Streeter, W8ST provided the current club Treasury statistics as of 14 September, 2021, to wit:

Savings-	\$1,841.87
Checking-	\$5,258.48
Vanguard Money Market	
	\$11,326.03
Year-To-Date Income	
	\$2,672.00
Year-To-Date Expenses	
	\$1,616.88
Club members count	133

2022 Pre-paid members 4

It was reported that the 146.76 machine was acting up, sporadic static on the output. There is a suspicion that something may be triggering the input since the input tone squelch requirement is not activated. Al Burke, WB9SSE will look into it.

Carole announced that Adam and Meghan Warrix, KD9NRT and KD9ODP had graciously offered to donate \$600.00 towards the cost of financing club meetings at the Good Shepherd United Methodist Church venue during 2022. This will fund the bulk of the meetings during the 2022 club year. With this donation in place, the Board of Directors is then looking at increasing club dues, starting in 2022 from the present \$20.00/year to a \$25.00/year rate which will carry us forward into 2023 and beyond.

Carole noted that club elections will occur during the October meeting and opened the floor for nominations.

As it turned out, the folks willing to run for the various positions were:

President – Carole Burke, WB9RUS

Vice President – Paul Prestia, KA3OPC

Treasurer – Bob Streeter, W8ST

Secretary – Al Burke, WB9SSE

Communications Manager – Charles Ward, KC9MUT

Board Member - Clark Derbyshire, KG9FM

Board Member – Bill Hopkins, K9WEH

Board Member – Larry Temenoff, KB9OS

Board Member – Steve Nardin, W9SAN

It's a slate, but more folks should consider running for various positions, especially club Officer positions. The current persons serving have been in place for a number of years, and are getting worn-out. New people (and opinions) are the lifeblood of any club.

Nominations will remain open until the elections during the October 13th meeting. Nominate someone willing to run for a position, or nominate yourself.

Carole asked for suggestions for programs for the rest of the year. Suggestions included programs featuring:

- The Acres Land Trust
- Operation Life Saver
- Parks On-The-Air
- Programming programmable radios (bring yours to the meeting)
- A presentation on the Icom 7300
- How to build a Solar Power system for the home and shack
- Foxhunting
- SKCC

Carole announced that we are pursuing holding the traditional Christmas banquet/ carry-in at the Good Shepherd United Methodist Church on 10 December utilizing the Rauch Hall facility.

The meeting adjourned about 7:45 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 for October 2021

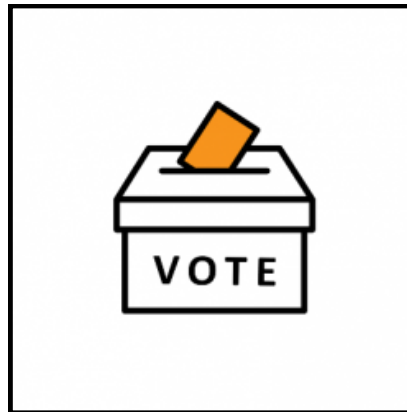


With the current lingering surge in COVID-19 cases, ACARTS has not planned an October general meeting as

of this time. The Red Cross has not let us know when we can again use their facility. There will be a board meeting on Tuesday, October 12th, at 7:00 p.m. at the Salvation Army. We all thought that everything would be back to normal by September, and we would be able to hold a regular, unrestricted meeting. One of these days we will be able to hold normal, unrestricted meetings again. It is just taking longer that we thought. to safely hold meetings. There will probably be a Hamfest meeting sometime in October. The time, date, and location have not yet been established.

Hamfest planning is progressing well. We are going under the assumption that things will be near normal in November, and are planning accordingly. It is still unknown as to how many vendors will attend and how many workers are holding off on making a commitment. Fred, KC9EZP, and the managers are in the process of

lining up the necessary volunteers to work for an hour or two at the Hamfest. If you have worked in the past and have not been contacted, or you are new to the Hamfest and would like to help out, let Fred know of your desire and availability.



Another way that you can help the club is to run for office, either as of officer or a board member. You can help shape the future of ACARTS. Chris, W9TSB, as head of the nominating committee, is actively seeking members that would like to be on the November ballot. Let Chris know that you would like to run for office or that you would like more information as to what the various positions entail.

73,

Dave Lindquist, W9LKH

Next ACARTS Board Meeting

10/12 at 7pm

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(1 open position)

W9INX Trustee

Dave Lindquist W9LKH
260-485-6135
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ACARTS September 2021

Board Meeting Minutes

The meeting was called to order by Dave, W9LKH.

Dave reported that the club picnic in August was a success, with about 56 members and guests attending.

Dave said that there would be no September general meeting and that he would contact the Red Cross to see when the meeting room will again become available.

Dave stated that the club could hold Hamfest meetings at the Salvation Army if the Red Cross was not available for general meetings. Fred, KC9EZP, stated that he would like to hold a meeting in October.

Fred, KC9EZP reported on the progress of the Hamfest planning. A discussion followed with several aspects of the Hamfest status being discussed.

Chris, W9TSB reported on the status of the nominating committee.

No other business was discussed.

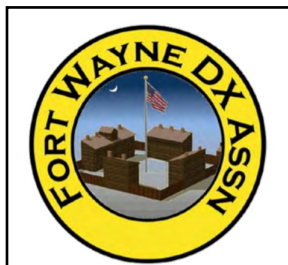
The meeting was adjourned at 8:15 p.m.

Submitted by Dave Lindquist, W9LKH

Allen County Amateur
Radio Technical Society

2021 W9DXCC Convention

Carl Luetzelschwab, K9LA



On Friday September 10 and Saturday September 11, the 2021 W9DXCC Convention

was held in Naperville, IL. This was the 68th annual event – the first was held in December 1953. The Convention is a great venue to meet other DXers and hear about DX news.

N6HC the most interesting to me. N6HC is a retired urologist. Vicky and I first met him many years ago when he was doing volunteer urology work in Ft Wayne. He has been the medical person on fourteen DXpeditions. He had some interesting stories.

After the afternoon programs, the annual CW Pile-Up Contest was conducted. As usual, I jumped in. W9XY ended up first, copying 52 of the 116 calls. K9OR and I tied for second with 47 calls. In the many years of participating, I usually get beat

and VUCC cards. We only checked ten applications – that was well below the normal amount as in previous years. During the ARRL Forum, I acknowledged the work of several longtime 9th area QSL bureau card sorters. K9RA has done the ‘R’ cards for 44 years. K9QVB has done the ‘Q’ cards for 42 years. N9AOL has done the ‘A’ cards for over 30 years. And NE9H has done the ‘H’ cards for over 30 years. K9EU is the current bureau manager.

Although I saw many old friends (for example, W8UVZ and K8GG showed up – the Battle Creek Special guys), there were several that didn’t attend – K9DX, N9AU and W9OP were a few.

I’m already looking forward to the 2022 W9DXCC Convention. Hopefully covid will be behind us next September, and that will bring out a record number of attendees.

2021 W9DXCC Convention Presentations	
Club Log	G7VJR
DXpeditions and the Doctor	N6HC
Homebrewing High Power HF Solid State Amplifiers	K9AQ
ARRL Forum	K9LA, et al
VP8VJ South Orkney Islands	K5GS
Zero Falls (tower climbing issues)	K1IR
Transceiver Performance for the HF Contest & DX Operator	NC0B

Friday was DXU (DX University – organized by WA9GQK) and CTU (Contest University – organized by K9CT). These ran simultaneously, and you could move between the two at your will. I attended three of the six DXU sessions and three of the six CTU sessions (how’s that for showing impartiality?). My favorite DXU session was titled “First Tower: Lessons Learned” by K9KE and my favorite CTU session was titled “In the Chair – Operating the Contest” by K9CT. A pizza lunch was part of the DXU/CTU experience.

The Saturday schedule had seven presentations covering a wide variety of topics. See the sidebar for the presentations. I enjoyed all of them, with “DXpeditions and the Doctor” by

by W9XY, K9NW (he wasn’t there this year) and others who are big contesters/DXers (like K3ZO). I did manage to snag first place once. Regardless of where I end up, I have fun doing it.

The ARRL was well represented at the 2021 W9DXCC Convention. In addition to the Central Division Director (me) and the Illinois Section Emergency Coordinator W9DSR (he was filling in for the IL Section Manager W9RY, who was ill), ARRL president K5UR and ARRL CEO NA2AA attended. NA2AA was the Saturday evening banquet speaker, and he gave his thoughts on the future of the ARRL.

WD9DZV and I checked DXCC

Tuning Up

100 Years of Transatlantic Communication

By Jim, AC9EZ

Transatlantic communication - the ability to establish communication between Europe and the USA across the Atlantic Ocean - is almost a daily norm for us amateurs of the 21st century. For the American "Dxer" (an amateur interested in working or chasing dx contacts), working amateurs in Europe is almost part of the daily routine of getting on the air. However, back in 1921, no ham had ever bridged the multi-thousand mile path between the US and Europe via amateur radio. That first transatlantic communication was the result of determination, a bit of luck, and an effort backed by the ARRL itself. In this month's article, we are going to part the curtain of history and look at the radio amateurs who proved transatlantic communication via ham radio possible.

Bridging the "Pond"- the Preparation.

Transatlantic communications via radio were first accomplished on December 12th, 1901, when Guglielmo Marconi received the letter "s" at his receiving station on Signal Hill in Newfoundland, Canada, from a

sending station in Cornwall, England. Although the success of Marconi's operation has been debated over the past century, the fact is that Marconi's efforts helped kickstart efforts by radio pioneers to bridge the Atlantic Ocean with radio communications.

The first serious attempt by radio amateurs to bridge the Atlantic came after the end of World War 1 when the radio editor of the publication "Everyday Engineering", a Mr. M. B. Sleeper, laid the groundwork for a transatlantic attempt by radio amateurs. Unfortunately, Mr. Sleeper was unable to follow through on his efforts, but at his request, the ARRL stepped up to the plate and organized the first official attempt at a US-Europe amateur radio contact in early February, 1921. The results of the attempt were disappointing, as no communication was established due to a variety of factors, the most prominent of which being the interference (such as harmonics) generated by the crude transmitters/receivers used at the time.

Undaunted, the ARRL continued its attempts, and another set of transatlantic tests was arranged for December of 1921. To help ensure the greatest possible chance of success, the ARRL sent an official representative of the ARRL, Mr. Paul F. Godley 2ZE, (a member of both the ARRL and the Radio Club of America) to the UK with the express purpose of setting up a short wave station and listening for US amateur signals. Godley, from Montclair, New Jersey, was selected for good reason, as he was the first man to adapt Edwin Armstrong's re-

generative circuit to shortwave listening and he had carried out his own design work that helped improve receivers for shortwave listening. In November of 1921, Godley arrived in London, UK, having sailed aboard the *Aquitania*. Interestingly enough, one of Godley's fellow passengers on this voyage was a gentleman by the name of H. H. Beverage, the inventor of the Beverage antenna. It is perhaps no coincidence that one of Godley's antennas for the experiment was a Beverage antenna.



Photo 1: Paul F. Godley, 2ZE, the American representative of the ARRL for the transatlantic tests. Credit: Courtesy February 1922 QST

Godley's first attempts for the transatlantic tests were carried out from the home and station of Commander Frank Phillips in London, England. Unfortunately, Godley heard nothing from the station of Commander Phillips due to high levels of noise and radio interference.

To top off the experience, London was experiencing heavy smog that caused numerous accidents and, in the words of Godley, “the fumes in the atmosphere were so violent as to make one cough continually, and the tears run down one’s cheek.”

On to Scotland and History:

Seeing no possibility of conditions changing for the better, Godley decided to remove himself to his backup receiving location in Ardrossan, Scotland, a seaside town located on the west coast of Scotland. Godley arrived in Ardrossan at 5:30 p.m. and began scouting on that

very day for a desirable location for his portable receiving station.

Although Mr. Godley had a bad chest cold, he eventually found a suitable location for what we amateurs of today would call a “field day” style station, utilizing a large field located near the sea shore. Mr. Godley’s operating location was rustic to say the least. The operating position was inside a 12’ x 18’ tent, with boxes and board serving as seats and desks for the operating equipment. A small oil stove and lamp were the only sources of heat while cold wind, freezing temperatures, and downpours of rain drenched both Mr. Godley and his English counterpart, Mr.

D. E. Pearson, a district inspector for the Marconi Company, who assisted Godley in operating the station. The field where Godley’s station was located was covered in seaweed (used by the local farmer as fertilizer), making the field cold and slick. The receive antenna, a 1300 foot Beverage, was placed 12 feet above ground on wooden poles. Local laborers assisted Godley and Pearson in setting up the Beverage antenna and tent, with the final equipment installed late on the evening of December 6th.



Photo 2. Station 1BCG, the most successful of the American stations in the transatlantic tests, taken in 1921. Used with permission by the Antique Wireless Association

Following a late supper at the hotel, Godley and Pearson began their radio vigil in the wee hours of the morning of December 8th, fighting against cold, wind, rain, and in the case of Godley, a bad chest cold. Both men strained their ears through the static and interference to try to pick up that first oh-so-important transmission from the US. Godley and Pearson made numerous trips up and down the length of their Beverage antenna, attempting to tune the antenna and their receiver to get the maximum signal strength possible.

At 1:33 AM local time, on December 8th, 1921, Godley and Pearson made history when they heard a “60-cycle synchronous spark” on a wavelength of approximately 270 meters. This “spark” station, initially copied by Godley as 1AEP and later corrected to 1AAW, turned out to be a “pirate” station (meaning that either 1AAW was not a valid call sign, or that a non-licensed station was using 1AAW’s call). Despite this station not being an official amateur radio station, the fact that Godley and Pearson had heard anything at all was strong encouragement to keep up their receiving efforts in spite of the weather and Godley’s cold.

Godley and Pearson closed down their operating at 6 AM on December 8th, getting back on the air the evening of December 8th into the morning hours of December 9th, but they heard nothing. Their next big success came on December 10th when, at 12:50 AM, Godley copied station 1BCG with a remarkably strong signal on a wavelength of approximately 230-245 meters. Both Godley and Pearson com-

mented to each other at the time that they were surprised at how strong the signal was from 1BCG. The pinnacle of Godley’s (and Pearson’s) success came about on Monday, December 12th, starting at 1 AM. Below is an excerpt from Godley’s journal as published in the February edition of QST Magazine, 1921.

“2:50 - 2EH calling 8AFD very steady. 1BCG in with messages.

2:52 - He starts: ‘Nr 1 de 1BCG words 12, New York. Date December 11, 1921, to Paul Godley, Ardrossan, Scotland. Hearty Congratulations. (Signed) Burghard, Inman, Grinan, Armstrong, Amy, Cronkhite.’ Received from 1BCG finishing at 3 A.M. He says ‘Bi two hours’. (Last heard of him).

This one short journal entry marks the first time in history that radio amateurs sent and received a piece of traffic (or a message) over the Atlantic Ocean. The message from 1BCG was “signed” by the six operators/builders of station 1BCG, which was located in Greenwich, Connecticut, approximately 80 miles from Hartford, Connecticut. It was at this point that the transatlantic test reached its zenith of success, with a message generated by amateurs, sent via amateur equipment at amateur transmit power levels (990 watts power *input* in the case of station 1BCG) across the Atlantic and received by an amateur using an amateur radio receiver.

From this point on, any other messages or stations heard were pure bonuses to Godley’s mission. Eventually, Godley and Pearson decided to shut down

the station by 3 PM on Friday, December 16th, and were back in Ardrossan with all their gear packed by 9 PM that evening. A fitting end to the adventure occurred during the night of December 16th, as the remnants of a hurricane slammed into Ardrossan, having crossed the Atlantic. Had Godley and Pearson not taken down the station when they did, their station would have been partially or even completely destroyed by the high winds and rain brought by the hurricane.

Godley returned to the US in late December, 1921, and the January, 1922 issue of QST Magazine included a short, one page announcement announcing the success of this second transatlantic test. The full account of Godley’s experience and excerpts of his log and journal would be published in the February, 1922 edition of QST.

Concluding Remarks:

The story of the first successful transatlantic amateur radio communication includes many more twists and turns than is here presented. The number of radio “greats” who either assisted in the effort or who encouraged the attempt of the radio amateurs is staggering. H.H. Beverage would go on to perfect and create one of the most potent receive antennas in the amateur’s arsenal, the Beverage antenna. One of the members of the Radio Club of America team that built the “super station” 1BCG was none other than Edwin H. Armstrong, the inventor of frequency modulation (FM), the super-heterodyne circuit, and the super regenerative circuit. Even Guglielmo Marconi himself, the inventor of wireless

communication (and a joint winner of the 1909 Nobel prize in Physics) encouraged the efforts of the radio amateurs in their transatlantic tests, and personally met Godley when Godley arrived in London, England. These transatlantic tests were more than an attempt by radio amateurs to prove transatlantic radio communication was possible for amateurs. These tests were proof positive that ham radio operators could create, build, and achieve results of enormous magnitude in the advancement of the science of radio communication.

[20QST/May%202014/MARINARO.pdf](https://www.arrl.org/files/file/20QST/May%202014/MARINARO.pdf)

Radio Club of America's website information about 1BCG:

https://radioclubofamerica.org/content.aspx?page_id=22&club_id=500767&module_id=470257

Website of Greenwich, Connecticut's historical society:

<https://greenwichhistory.org/did-you-know-message-received-greenwich-was-site-of-early-breakthrough-in-global-communication/>

Website about station 1BCG:

<http://1bcg.org/1BCG/the-original-1bcg-transmitter/>

From the Radio Society of Great Britain, web links:

<https://rsgb.org/main/activity/transatlantic-tests/tests-2-2/>

<https://rsgb.org/main/activity/transatlantic-tests/tests-2-1/>

<https://rsgb.org/main/activity/transatlantic-tests/tests-1/>

73 de Jim AC9EZ

I would like to thank the American Radio Relay League (ARRL) and the Antique Wireless Association (AWA) for their permission in using images from their websites.

For Further Reading:

Further reading about the transatlantic tests can be found at the following web addresses and in the archived QST magazine articles by the ARRL.

From QST Magazine and the ARRL website:

January, 1922 edition, QST Magazine (first announcement of successful completion of transatlantic test

February, 1922 edition, QST Magazine (full report by Godley and station description of 1BCG

[https://www.arrl.org/files/file/QST/This%20Month%20in%](https://www.arrl.org/files/file/QST/This%20Month%20in%20)



Photo 3: The operators/designers of station 1BCG (missing one gentleman, Walker P. Inman). Used with permission by the Antique Wireless Association .



September 2021

The weather on Sunday, September 19th, 2021 was great although a little warm, but thankfully it included a nice breeze. This brought out two foxhunting teams.

Team one consisted of Jim and Annie Pliett, K9OMA and KA9YYI plus Carole and Al Burke, WB9's RUS & SSE. Team two included Steve and Linda Nardin, W9's SAN and LAN plus their grandson Alex. They were at the usual starting place, Colbin Memorial Park, next to the Lakeside Golf course, off Coliseum.

Charles Ward, KC9MUT served as the fox on this one. He hid out at a boat ramp on the St. Mary's River near where Southfair Court and Fairfield Ave intersect, i.e., at 41.02422966669919, -85.14235024724304. He hid the microfox under the protective cover protecting an electric pole guy wire at about six feet off the ground. A very clever hiding place.

Both teams heard Charles's high power fox signal starting at 13:30 local. He ran about 40 watts into a roof mounted vertical on 146.430 MHz and transmitted for one minute every five minutes. Following the high power transmission the microfox would come up for one minute transmitting cw, again on 146.430 MHz, and then repeat that thirty seconds later for another minute.

The signal was coming from the south-southwest according to our DF bearing so we headed that way through the city and more or less were led directly to the turn-off off of Fairfield to localize the fox hid location. Once on foot I heard the third harmonic of the fox and it immediately led us to the guy wire where Jim found the microfox. Our total elapsed time was

about forty-five minutes, quicker than the usual hunt.

The Nardin's arrived a few minutes later and also soon located the microfox.

Following the hunt we zipped over to the Dairy Queen at Winchester and Lower Huntington Roads and chowed down, as usual. Very tasty.

The Pliett-Burke team will serve as the fox for the October hunt which is scheduled to occur on Sunday, October 3rd. Why not plan to join the hunt and simultaneously help Carole and Al celebrate their 57th (like Heinz) wedding anniversary? Just show up at Colbin Memorial Park by 13:30 and join in on the fun.

The September and year-to-dates are tabulated below:

HUNTER	SEPT. SCORE	YTD SCORE
WB9SSE	2	22.08
WB9RUS	2	20.08
KA9YYI	2	21.08
K9OMA	3	22.08
KC9MUT	6	30.2
W9SAN	1	25
W9LAN	1	24
ALEX	1	24
K9WEH	0	8
KD9NIV	0	3
N9FEB	0	8
KD9QHI	0	3.5
WILLIE	0	3.5
N9DC	0	4
KD9OKH	0	4
KD2TCP	0	3
KW9S	0	2
KD9QQW	0	2
N9AMT	0	1
KD9SDY	0	3
KD9QHL	0	6
KD9NRT	0	2
KD9ODP	0	2

Respectfully submitted,
Al Burke, WB9SSE

Upcoming Foxhunt Dates
October 3
November 7

Special Feature Article

Simple/Easy Portable Antenna de N8KR

My solution when away from home and wanting to participate in SKCC events is to use my magnet mount for the car along with a hamstick. When I'm at the lake rental cottage, I have three options for operating:

- 1) I have the antenna on the car, run the coax along with an extension "jumper" of RG8X into the cottage, and connect it to a radio I have set up inside. You basically can have a "shack in the house" with rig, power supply, key, and laptop/netbook.
- 2) With my Icom 7100, I have 25' of cat cable connecting to my rig (located in the back of the car) which connects to the head. The head of the rig is inside the cottage and I can plug in my key, headphones, and laptop/netbook. You can have the radio powered from the car battery or do what I did in #3.
- 3) You can run an extension cord to a power supply in your vehicle to power the radio. Then sit in one of the seats, put the radio (control head) in a convenient place along with a key and you're ready to go.

I used #3 during September's 2 hour SKS. I sat in the back seat, put the front seat down as a table, put my Junker key on the arm rest and the netbook and rig in front of me. To my surprise, I made 53 contacts with 28 states on 40 meters! There was no doubt in my mind that the hamstick performance was noteworthy . . . no fancy radials, just a magnet mount and a hamstick. Thinking about this further, especially with HOA restrictions, leads me to believe that this CAN be a viable option for getting on the air. Leave your car outside, get a mag mount, add some RG8X to get the feedline into your shack, and you're good to go. There may be antenna restrictions on your house but not on your car!



Typical 3 magnet antenna mount.



My "inside the car" portable shack.

I typically do not use a mag mount when traveling as I have a permanent mount on the back of my Ford Edge. It is grounded to the chassis and I have 6 turns of RG8X around a 31 mix toroid as a common mode choke. Since the Icom 7100 does not have a built in tuner, I have the LDG IT-100

Special Feature Article

auto tuner which tunes from the remote head. It's usually switch out of line as I believe in using resonant antennas BUT if you happen to stray out of resonance (like "cough cough" going to the phone band), you don't need to stop and adjust the antenna. I power the radio from the accessory port (cigarette lighter) which is right next to the radio. I have replaced the 10 foot long power cord with a one footer (10 gauge) with power pole plugs. A Powerwerx fused plug with power poles makes it easy to connect PLUS eliminating 9 feet of 12 volt power cable reduces the resistance and power loss to the rig. It DOES make a difference!



Just a quick note about Hamsticks: Finding them at ham-fests for 10 bucks each is pretty typical. Hamsticks are band specific so don't plan on trying to use your 80 meter hamstick on all bands with an antenna tuner. It just does NOT work. In fact, you will not find an 80 meter hamstick that will be resonant on 80cw – they are all 75m phone sticks! (They can be simply modified to operate on 80 cw, though). I have found Pro-Am hamsticks to be the best. They are the only manufacturer that I have found that has a 40 meter hamstick that can be tuned to 1:1 on 40cw! Lakeview manufacturing makes good hamsticks. (I believe they were the originators of the Hamstick.) MFJ has the HF Stick which seems to work well. I have them on 10 and 15 meters.

I did purchase a Shark stick for 80 meters as they claimed it would work on cw. Did not, was shorter than regular sticks, and I tossed it as junk.

*73 de Ken,
N8KR*



Photo: Shark 80m antenna



SKCC WES Activity de N8KR

Fort Wayne area SKCC members continue to be very active in SKCC events. The September Weekend Sprintathon emphasized club calls with extra bonus points for the KS*KCC calls. KS9KCC was activated for a good portion of the weekend (it was also Findlay Hamfest weekend) and both stations at N8KR were simultaneously active on 20 and 40 meters. Ed – WA9BBN, Terry – K9FMX, and Josh – W9HT joined Ken and the crew managed a little over 240 contacts. The crew worked 42 states and 11 countries. Terry had the rare opportunity to have a VK4 (Australia) call him while operating 20 meters! 16 local SKCC members contacted KS9KCC that weekend reflecting the tremendous activity from the Fort Wayne area. Leading the pack of local single operators was AL – K9FW with 195 qso's, Steve – AC9XS with 127 and Jack – W9GT with 107.



Terry – K9FMX working VK4TJ



Ed – WA9BBN at the 40m station

October WES occurs on October 9 and 10. Special theme for the event is *Triple Key Award*. Members who have achieved the Triple Key Award (100 contacts with a straight key, 100 contacts with a bug, and 100 contacts with a cootie) are the bonus stations. Of the 120 Triple Key members in SKCC, 5 of those are locals: WA9BBN, N8KR, K9FW, KC9UR, and W9GT (and we shouldn't forget Jim-KD9GDY!)

73,

Ken, N8KR

Join SKCC for free!
[https://
www.skccgroup.com](https://www.skccgroup.com)

Kalamazoo Hamfest & Amateur Radio Swap and Shop Sunday October 17, 2021

Kalamazoo County Expo Center and Fairgrounds
2900 Lake Street, Kalamazoo, MI 49048
GPS: N 42 16.674 W 085 32.585

Open 8AM to 12 PM Noon

Saturday Vendor Setup 3:00PM to 6PM & Sunday starting at 6AM

Sponsored by:

Kalamazoo Amateur Radio Club
Southwest Michigan Amateur Radio Team

Please note that the venue is currently requiring masks by all Expo Center attendees regardless of vaccination status. Thank you for your cooperation.

- Talk-In 147.040 (PL 94.8) K8KZO Repeater
- Tickets: \$7.00
- Over 20,000 square feet of selling area
- We have HELP for vendors to load/unload
- Kalamazoo area Scouts will have an active JOTA site, Scouts in uniform admitted free
- Featuring the Kalamazoo Makers Guild
- Door Prizes
- Test Bench
- Forums
- Amateur Radio License Testing at 10AM
- Campsites available with electric and water (see <http://www.kalcounty.com/parks/activities.htm>)

*No Trunk Sales Spaces will be available

For more information see our web-site at: <http://KalamazooHamFest.com> or
Email us at: info@KalamazooHamfest.com

Name/Company _____ Call Sign _____

Address _____

City _____ State _____ Zip _____

Phone () _____ Email _____

____ Hamfest Tickets @ \$7.00 each
____ Tables 8 foot @ \$12.00 each
____ Tables with power @ \$22.00 each
____ Send information about Sat. setup

To order send check with this order
form and SASE to:
Kalamazoo Hamfest
PO Box 115
Scotts, MI 49088

\$ _____ Total Amount enclosed

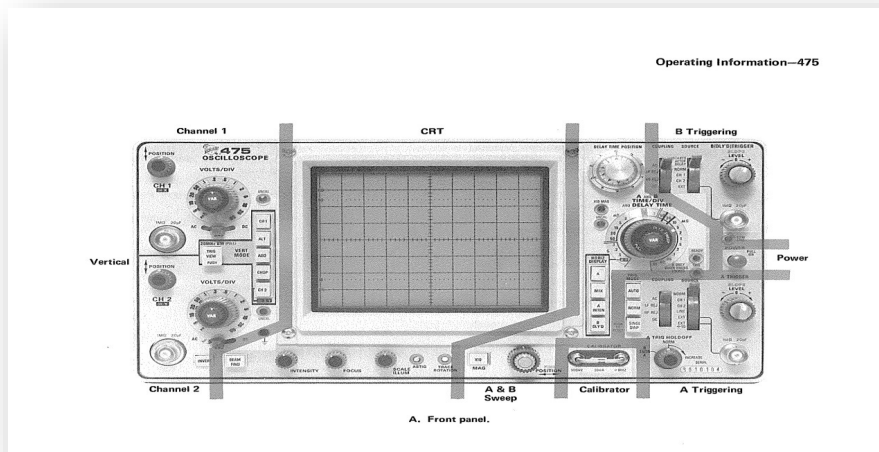
Orders received after Sept 30, 2021 will be held for pickup at the door!



For sale and wanted listings in this section are provided to members of the Fort Wayne Radio Club, the Allen County Amateur Radio Technical Society, the Fort Wayne DX Association, and to other local hams free of charge! Listings can be renewed upon request to the editor (see pg. 2 for contact information).

- Tektronix 475 Oscilloscope. Wide bandwidth, portable oscilloscope, light in weight and compact in design. Two channels driving two separate beams, each with a 200 MHz bandwidth and with separate triggers. Includes two probes. \$125.00

For this item, please contact Kevin, N9IWW at [n9iww \(at\) live.com](mailto:n9iww@live.com).



- Cushcraft ARX-2B 2 meter Ringo Ranger II - 7 dB gain omnidirectional antenna. Good condition, but missing one of the three 20" ground radials. \$40
- Cushcraft AR-6 6 meter Ringo Ranger - 3 dB gain omnidirectional antenna. Fair condition - worked fine last time it was used. \$20
- Siltronix FS-301 HF SWR Bridge/Watt Meter - \$35
- Drake TV-100 30 MHz low pass filter – 100 watt - \$4
- Maha MH-C800S NICAD charger (holds 8 individual AA cells) - \$5
- DLINK DES-1108 8-port 100 MB/s ethernet switch - \$5
- Book: Amateur Antenna Tests and Measurements by Harry Hooton W6TYH - \$2
- Book: Microwave Transistor Amplifiers Analysis & Design by Guillermo Gonzalez - \$2
- Book: Transmission Line Transformers by Jerry Sevick W2FMI - \$2

For any of these items, please contact Don, WB8HQS at [don.gagnon \(at\) frontier.com](mailto:don.gagnon@frontier.com) or text to 260-403-1548.

For Sale / Wanted Continued

- Drake AC-4 Power Supply (120/220 Volt). Updated in 2015 with a single board kit from the Heathkit Store. Supply works great and is in excellent physical shape. \$150
- Drake MS-4 Speaker. Excellent condition. \$100
- Heath Dynamics, INC. (Drake) .250 Hz narrow filter for the R-4C receiver. \$60
- Pyramid PS-26KX 25Amp Adjustable Power Supply. NOS in original box. Bought it 8 years ago, put it on the bench, turned it on to see it power up and then back in the box. Weighs in at 18 pounds. \$75
- Beyerdynamic model DT 770 ML headphones. Used. \$40
- Heil Dual Element GM5 Mic (1000 Ohm). New in the box. \$80
- Heil CC-1 Mic Cable . 4 pin XLR to 3/6" Collins-Drake plug. Untested. \$25
- Morse Code for Amateurs. By Roger Cooke, G3LDI. New condition with the CD included. \$20

For any of these items, please contact Mike Stover, N9QR at n9qr (at) arrl.net or call 260-602-6193.

All items from this listing are from Lester Lee, KA9LTP (SK) for his wife, Tammy.

- FT-1030A Yaesu Power Supply, 30A peak, 25A continuous. "Low Mileage". Asking \$150 each.
- Astron 35A Power Supply, no meters. Asking \$125.

For any of these items, please contact Jack, W9OWO at 269-585-0408.

2 meter equipment (\$175 for all as one package)

ICOM IC-2200H 2M MOBILE **\$90** (never transmitted)

ASTRON RS-12M **\$50**

DIAMOND F23A 2-METER VERTICAL ANTENNA. **\$50**

ONE 2/44 ANTENNA MISSING A RADIAL **FREE**

For any of these items, please contact Gary, N9IJB at garysturm10 (at) gmail.com.

Your item(s) could be listed here next month! Just send the editor an email with your listings before October 30th. See page 2 for contact information.

Major Contests October-December 2021

Oct		Nov		Dec	
2 1600Z	3 2159Z	6 2100Z	8 0300Z	3 2200Z	5 1600Z
California QSO Party		ARRL SS CW		ARRL 160	
9 0800Z	10 0800Z	13 0000Z	14 2359Z	11 0000Z	12 2359Z
Oceania CW		WAE RTTY		ARRL 10	
16 1500Z	17 1459Z	20 2100Z	22 0300Z	18 0000Z	18 2359Z
Worked All Germany		ARRL SS SSB		RAC Winter	
23	24	27 0000Z	28 2400Z	24	25
		CQWW CW		HAPPY HOLIDAYS	
30 0000Z	31 2400Z				
CQWW SSB					

RadioSport

Area Nets					
Daily			Tuesday		
8:00 AM	3.535	Daily (QIN) Indiana Section CW net	7:30 PM	147.150+	21 Repeater Group Net (97.4 PL)
8:30 AM	3.940	Daily Indiana Traffic Net	8:00 PM	50.580 USB	FWRC 6-Meter SSB Net
6:00 PM	3.940	Daily Indiana Traffic Net	9:00 PM	146.940-	Allen Co. ARES Training Net (141.3 PL)
6:30 PM	146.880-	IMO (alternate is 146.760)	Wednesday		
7:00 PM	147.015+	Tri State Two Meter Net	7:00 PM	146.760-	FWRC YL Net
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
9:00 AM	3.820	Little Red Barn Net	9:00 PM	146.940-	Help and Swap Net (141.3 PL)
Sunday			Thursday		
8:00 PM	444.550+	Whitley Co. ARC Sunday Night Net (141.3 PL)	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	145.53 simplex	Northeast Indiana Packet Net 1200 baud (Note 2)	8:30 PM	145.510 simplex	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(141.3 PL)

1. All times local time. **Any changes or corrections should be submitted to the newsletter editor at drjoshlong (at) gmail.com.**
2. NEIPN is direct accessible via any BPQ Chat Node (or through Node hopping etc.) via other packet frequencies in this area and other areas through other nodes (it is locally direct accessible on 145.53 in NC & NE Indiana/NW Ohio and SE Michigan using KA9LCF-11, KC9VYU-11, N9LCF-11, N9PXD-11, K9BIF-11) Most BPQ Nodes use an SSID of -11.
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>

Fort Wayne area repeaters (updated as of 10/1/21)							
Frequency	Offset	Tone/Notes	Callsign	Frequency	Offset	Tone/Notes	Callsign
145.330	-0.6 MHz	--	W9FEZ	443.100	+5 MHz	DMR	K9MMQ
146.880	-0.6 MHz	--	W9INX	443.275	+5 MHz	P25	K9MMQ
147.255	+0.6 MHz	--	W9INX	442.6375	+5 MHz	--	N9MTF
146.760	-0.6 MHz	141.3	W9TE	444.800	+5 MHz	--	W9FEZ
146.910	-0.6 MHz	--	W9TE	442.99375	+5 MHz	D-Star	W9TE
146.940	-0.6 MHz	141.3 FM C4FM	W9TE	444.250	+5 MHz	141.3	W9AVW
224.780	-1.6 MHz	--	W9FEZ	444.8750	+5 MHz	141.3	W9TE
				53.3300	-1 MHz	--	W9FEZ

Update: The 146.91 W9TE repeater is currently off-the-air as of 10/1/21.

FWRC Membership Application

Name: _____ Call Sign: _____
License Class: _____
Street address: _____ City: _____
State: _____ ZIP: _____ Phone #: (_____) _____
Email address: _____ ARRL Member? _____

(ARRL membership helps the club maintain ARRL affiliation)

May we list your name, call & email address in our membership roster & on our club web site?

Fort Wayne Radio Club dues:

Regular membership	\$20.00 / year
Family membership ¹	\$30.00 / year
Student membership ²	\$5.00 / year
Associate membership ³	\$20.00 / year

(Memberships for July-December are ½ the stated amounts)

Please attach a check to this form (paying by check is strongly encouraged) made out to:

Fort Wayne Radio Club (check number _____) and bring to a club meeting or mail to:

Fort Wayne Radio Club

P.O. Box 15127

Fort Wayne, IN 46885-5127

Please list all names and calls on an attached sheet.

K-12 or full time student.

Unlicensed member.

ACARTS Membership Application

Name: _____ Call Sign: _____
License Class: _____
Street address: _____ City: _____
State: _____ ZIP: _____ Phone #: (_____) _____
Email address: _____ ARRL Member? _____

(ARRL membership helps the club maintain ARRL affiliation)

May we list your name, call & email address in our membership roster & on our club web site?

ACARTS dues:

Regular membership	\$12.00 / year
Additional family members ¹	\$6.00 / year
Student membership ²	\$6.00 / year
Associate membership ³	\$6.00 / year

(New regular memberships are \$1.00/month)

Please attach a check to this form (paying by check is strongly encouraged) made out to:

Allen County Amateur Radio Technical Society (check number _____) and bring to a club meeting or mail to:

A.C.A.R.T.S.

P.O. Box 10342

Fort Wayne, IN

Please list all names and calls on an attached sheet.

K-12 or full time student.

Unlicensed member.