

Allen County HamNews

Fort Wayne Radio Club Fort Wayne DX Association

Allen County Amateur Radio Technical Society

February 2023
Volume 24
Issue 2

ACARTS FWRC HAM AUCTION AND MORE!
FWDXA DX NEWS 10 METERS

Rare
DXpedition
edition

3Y0J

BOUVET ISLAND



FOXHUNTS ARE BACK

Little Red Barn Net Update

Read about the 3Y0J
DXpedition to a desolate island

Ham radio in the local
news!

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This edition of HamNews makes me feel like a kid in a candy store—where do I begin?

Foxhunting is back this month! Join the first foxhunt on Sunday, February 5th (see the full page announcement for more details).

The **3Y0J DXpedition** should be about underway as you read this. Check out Jim AC9EZ's column for more information. As a side note, I purchased a coffee mug in anticipation for the 3Y0Z DXpedition that never occurred in 2018, so I particularly look forward to working an all-time-new-one this month!

Why do operators setup **multi-multi operations** for contests? Check out the article(s) by Ted K8AQM, Ken N8KR, and KU8L to learn the method behind the madness.

What's happening on the **10 meter band**? Carl K9LA's article this month provides an update.

Tom KU8T also includes a monthly update for **the Little Red Barn Net**.

Did you take part in or work any **K3Y** stations this month? Ed WA9BBN and Ken N8KR provide an update on this annual special event.

Don't miss the **ham radio auction** on Friday, February 17th! This free auction is open to all local hams and other people with ham gear or related electronics. See the flyer in this edition for more information.

Finally, my sincere thanks to those who write a column for or share information for HamNews. You are the ones who help to make this monthly newsletter possible.

Have a great month, and good DX!

73,

Josh W9HT

P.S. Check out the Vibroplex bug in this month's for sale section!

ALLEN COUNTY HAMNEWS

HamNews is a monthly, joint 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 the three clubs. New submissions for HamNews are always welcome. Please send your information to the editor within two days of the end of the month for inclusion in the next edition.

HamNews Editor
Josh Long, W9HT
drjoshlong (at) gmail.com

Ham radio (and related electronics) auction

FORT WAYNE RADIO CLUB

Friday, February 17, 2023

Location: Good Shepherd UMC
4700 Vance Ave, Fort Wayne

- Doors open at 6pm. Use door 2.
- Auction begins at 6:30pm and ends by 8:30pm.
- Everyone is welcome to buy and sell!

Questions? Email Jim K9OMA at
jimpiett (at) gmail.com



LITTLE RED BARN NET

We had another great month in January on the LRBN - "Little Red Barn Net" Monday thru Friday at 9:00am on 3.820 mhz. LSB. We have about 14 to 25 check-ins per day, with self-generated topic's each day by the check-Ins, but Thursday when Jack W9GT picks a topic, and we kind of run with it, a lot of fun.

We had just one lunch this month on 1/12/2023 at the Big Eyed Fish on Wells Street. Always a great time to eat and socialize with friends, we had 19 present.

Also, we have a LUNCH every two weeks alternating from **North** Fort Wayne to **South** Fort Wayne. We usually have 15 to 25 participants at each lunch.

Dates would be 2/2/2023, 2/16/2023, 3/2/2023 at 11:30am on each date.

If you want to be on the LRBN email list, let me know at gmrepair1@aol.com, or message me at 260-437-4676 with your email and call sign or name.

Net Control Operators are Monday KU8T Tom, Tuesday K9FW Al, Wednesday KD9HAV Norm, Thursday W9GT Jack, Friday K9SKS Steve.

We have a Mobile web page at <https://gmrepair1.wixsite.com/mobile> works with Mobile and Computers systems. On the mobile page is Lunch information times dates, pictures of previous lunches and other information

Also, Net Controls use Netlogger you may download the program at [Download Center \(netlogger.org\)](http://netlogger.org). Also, for smart phone's there is Net Scaper, go to Play Store for android and download this app.

73,

KU8T Tom

Hamsplatter

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

**From the FWRC
President:
Larry KB9OS**



During our January meeting, we held a survey of member interests for the Fort Wayne Radio Club for this year.

A special thanks to Carla KD9ITZ (board Member) for tabulating and rating all of the information. The results follow.

Survey item ranking

- Item # 7 (Monthly speaker)
- Item # 4 (Summer tailgate auction/trunk sales at the University garage)
- Item # 5 (Speakers and/or tours of local commercial broadcast facilities)
- Item # 2 (Have a Go Box to sign out)
- Item # 10 (Morse code involvement and /or classes)
- Item # 8 (Working with other ham clubs and or hamfest groups)
- Item # 3 (Winter auction)
- Item # 6 (Group trip by bus to the Dayton/ Xenia Hamfest)
- Item # 1 (Using your credit card for membership payments)
- Item # 9 (On the Air swap and shop Net)

Write in suggestions:

- Frequent publishing of club gear which members can borrow.

- QSL cards
- Speaker or cell phone technology.
- Group construction project [10-80m antenna, 2 or 6m antenna, cw/spy transmitter (simple AM)]
- Field Day - more coordination and PR
- Winter Field Day training classes
- Kit building
- Having elmers again
- Identifying the band of antennas (yagi, end fed/center fed, dipoles, etc.)
- Elmer for specific problems in shack (digital setup, RFI, etc).
- More educational presentations
- Membership drive and chairperson to lead it (young members)
- Special event stations/ Winter Field Day
- Technician and upgrade licensing classes
- Digital voice and data modes presentation

TNX ES 73 DE KB9OS

Next FWRC Meeting

Auction

Friday, February 17th

Good Shepherd UMC

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2023**

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FORT WAYNE RADIO CLUB MEETING MINUTES

20 January 2023

The January meeting of the Ft. Wayne Radio Club was held at the Good Shepherd United Methodist Church (GSUMC) on 20 January, 2023.

President Larry Temenoff, (KB9OS) welcomed all attendees (about 45), lead them in the pledge of allegiance, and had everyone introduce themselves by virtue of their name and callsign.

Bob Streeter, (W8ST) provided the Treasure's report as of 20 January, 2023 indicating the following account balances:

Savings-	\$1,964.75
Checking-	\$7,586.08
Vanguard MM-	\$11,502.24
Year-to-Date Income-	\$175.00
Year-to-Date Expenses-	\$550.00
Club members count-	155
Prepaid for 2024-	2

Larry passed out a survey that inquired what the club membership would like to see happen this year. It asked about reinitiating the Club Auction, organizing a bus trip to Dayton / Xenia for the Hamfest, organizing a road trip to a commercial broadcast facility, pursuing a grant from the ARRL to fund the development of a club Go-Box, and a number of other initiatives including activities suggested by the membership. The results of the survey were collected and will be tabulated by Larry and Board member Carla Barrett, (KD9ITZ) and the results published in the HamNews in the near future.

One of the immediate results of the

survey was an interest expressed in reinstating the club auction. So a motion was put on the floor to vote on doing so which was seconded. The subsequent vote on the motion was in the affirmative.

Hence the February meeting will feature the club auction. It will occur at the Good Shepherd United Methodist Church in Rausch Hall starting at 6:30 pm. The doors will open about 6:00 pm to allow sellers time to set up. Paul Prestia, (KA3OPZ) will serve as auctioneer and Jim Pliett, (K9OMA) will coordinate transactions between buyers and sellers. Sellers may establish a reserve on items they are selling if desired; just get the information to the auctioneer. The club will not require a percentage of sellers' proceeds but a "Donations Bucket" similar to the one utilized at last year's Tailgate Hamfest will be present for donations.

Terry Bowman, (K9FMX) noted that a minibus could be leased from Enterprise to accommodate the Dayton / Xenia Hamfest bus trip suggestion at a reasonable price. He's thinking about a minibus that seats 12 persons plus the driver. He will look into it.

Larry allowed that the Little Red Barn net might like to consider establishing Nostalgia Thursday's as an opportunity to talk about ham radio as it was thirty to forty years ago. They meet every day at 9:00 am on 3820 KHz. Contact Larry if interested.

Linda Nardin (W9LAN) announced that foxhunting resumes on Sunday February 5th starting at 1:30 pm from the 24/30 Surplus parking lot just north of Carrington Field off Coliseum Blvd. Everybody is welcome to join in.

Rich Gilson, (KC9PUX) announced that he is participating in Winter Field Day from his QTH this coming weekend. Anyone who would like to participate at his place is welcome.

Harry Harvey, (N9AR) noted that a few area Hams meet for breakfast at 7:30 am every Tuesday morning at the Lakeside Café on Coliseum Blvd just south of Lake Ave. Anybody is welcome to attend, the more, the merrier.

Larry noted that the March program will feature Jack Shutt, (W9GT) who will talk about vintage, i.e., tube radios.

Pete Herman, (KD9VV) will present two consecutive programs on digital radio, probably at the April and May meetings.

Larry announced that the February (Auction) meeting will occur on the third Friday (February 17th) but all follow-on meetings will occur on the second Friday of the month from March thru the end of the year starting at 6:30 pm.

Following the business meeting Steve Nardin, (W9SAN) gave a presentation on solving EMI problems for the line of Regal-Beloit brushless motors used by heating and air conditioning system manufactures, and the subsequent interactions he has had with hams bedeviled with these issues. A very informative presentation indeed.

The meeting concluded about 7:55 pm.

Respectfully submitted,

Al Burke, WB9SSE

Secretary, Fort Wayne Radio Club

First fox hunt of 2023!

Test your transmitter
hunting skills in real
time!



Sunday, February 5th
1:30pm

START LOCATION: Near the Corbin Park Trailhead on East Coliseum Blvd (the old K-Mart parking lot or US24-30 Surplus store)

END LOCATION: The location of the micro fox! Then a suitable eating place

OTHER: Having FUN is required! Haven't fox hunted before?? Then we will teach you!

FREE: If you participate in a fox hunt, you can receive a FREE 3 element tape measure Yagi antenna with BNC connector!

INTERCOM & HELP: Use the 146.76 MHz repeater in Fort Wayne. A 141.3 hz tone may be needed to access the repeater if we are still having noise problems.

State of the Arts

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN

**FROM THE
ACARTS
PRESIDENT**

CHRIS, W9TSB



Hello everyone!

Hope you all stayed warm for Winter Field Day!

Our last general meeting was a virtual meeting. We covered the setup and uses of FIRig and FIDigi.

Also, our late January get together has been moved to March 14th. It will be at the Applebee's at Coventry at 7:00pm. We will be holding club elections at that time as well. All attendees will be responsible for their own bill.

Our February general meeting will be a virtual meeting on Zoom; the link will be posted on the ACARTS website at www.acarts.com about a week or two before the meeting. Those that wish to join the meeting are welcome to do so!

Thank you, all!

73,

Chris McCullough, W9TSB



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2023**

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MARK YOUR CALENDAR



Hendricks County Hamfest 2023



Saturday, February 11, 2023

9 a.m. – 2 p.m.

Hendricks County 4H Fairgrounds Conference Center
1900 E. Main Street
Danville, IN 46122



Sponsored by Hendricks County Amateur Radio Society



How Many Meters Are Best? Ten Meters Are Best!

By Carl Luetzelschwab, K9LA

I really enjoy the end of November and early December. There's the CQ WW DX CW contest, the ARRL 160m contest and the ARRL 10 Meter contest – on consecutive weekends. Although they are contests, there's lots of DX to be worked.

With Cycle 25 sending out lots of EUV (extreme ultra-violet radiation – the true ionizing radiation of the F2 region), 10-meters has been good for many months. Get on and enjoy it! And it will get better as Cycle 25 continues its ascent to solar maximum, which is expected to be somewhere in the 2024/2025 time frame.

I was anxious to participate in last December's ARRL 10-Meter Contest. But I didn't want to keep my butt in the chair too much for both days, so I thought about a goal that would allow me to do other activities during that weekend.

The goal didn't hit me until the first station I worked Friday evening was K9CT in Illinois at 0015 UTC (7:15 PM local time). That supplied my goal – try to work all states on CW.

Friday night was very productive. I was on until 0222 UTC (9:22 PM) – about 2 hours. I worked 27 states from the New England area, to the southeastern states, to the Midwestern states, to the southwestern states and finally to the West Coast. I suspect most of these were made via

sporadic-E because the signals levels were fairly decent. I even worked some relatively close states – Michigan, Illinois, Indiana and Tennessee. My guess is these were via some form of scatter because the signals were pretty weak.

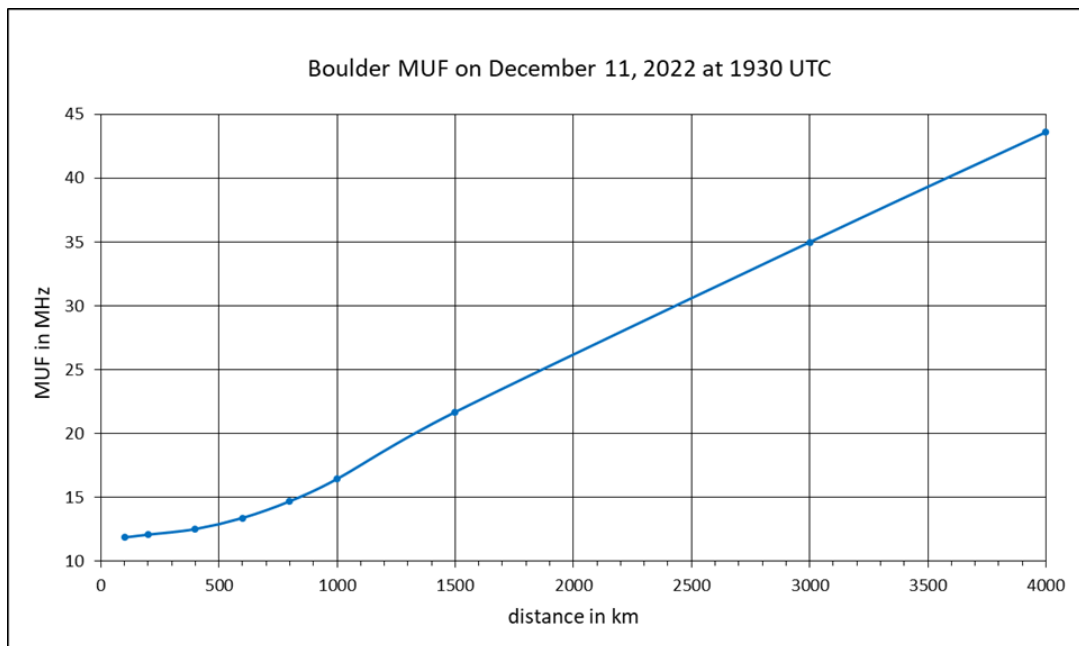
Saturday was productive, too. I added 20 more states. Many were strong and suggest F2 propagation. But many were weak, indicating scatter. I remember some were worked pointing to the southwest where the F2 region electron densities are higher (the equatorial ionosphere is the most robust area in the world), and not along the true short path, South Dakota and North Dakota fell into this category. When I quit Saturday evening, I was at 47 states. I needed 3 more – Delaware, Georgia and Wyoming.

I picked up Delaware and Georgia during my Sunday morning effort. But the contest ended without working Wyoming. I saw three Wyoming stations spotted on PacketCluster (I was an Assisted entry). All I heard were some dits and dahs every once in a while. They were stronger when pointed to the southwest than when pointed on the true short path to the

northwest – but they still weren't good enough to call.

Why couldn't I work Wyoming? Looking at ionosonde data showed the MUF (maximum useable frequency) over the Boulder ionosonde was 35 MHz at 1930 UTC on Sunday. Isn't that enough to work Wyoming? We have to remember that ionosondes report the MUF for a 3000 km path assuming the ionosonde is at the midpoint of that path.

The distance from K9LA to the farthest west Wyoming station that was spotted (Rock Springs) is 2000 km. For a path shorter than 3000 km, a higher elevation angle is required. A higher elevation angle requires more ionization to refract it back to Earth – which means the MUF for this shorter path will be lower (it is the same concept as NVIS propagation – higher elevation angles dictate going lower in frequency). See the accompanying plot showing the MUF for distances from 100 km to 4000 km when the 3000 km MUF is 35 MHz. California, Oregon, Washington, Idaho, Nevada, Utah and Arizona were closer to 3000 km, so I had no trouble working them with strong signals.



Cabin Fever HamFest

Saturday, February 25th, 2023

7am-1pm CST

La Porte Civic Auditorium, 1001 Ridge St, La Porte, Indiana

**General Admission \$8.00
Talk-In 146.610 (131.8)**

**For Table Reservations
Contact:**

cabinfeverhamfest@gmail.com

Free Parking

**Tables \$15.00/per
(1st table includes 1 free admission)**

Food Concessions

**Electric \$5.00 extra
(per Vendor / Limited Access)
ADVANCE RESERVATIONS
MUST BE PAID IN ADVANCE BY
February 13th, 2023
No Refunds after this date.**

VE TESTING 9am

Door Prizes

**Reservations can be mailed to:
LPCARC**

P O Box 115

La Porte, Indiana 46352

Are you BORED?



**Here is
The Cure!
Come and
spend some
time with
us!**

**CABIN FEVER HAMFEST
is sponsored by
the La Porte County
Amateur Radio Club**

**Visit <http://lpcarc.org/hamfest>
for updates and information
Ph: 219-851-2133**





3Y0J – A Historical Occasion

February has arrived, and although February is more traditionally known for its 28 or 29 days and the ever popular “Valentine’s Day,” this February will be different. As we speak (or write as the case may be), a team of radio amateurs is about to make radio history by activating what is in all practicality the rarest dxcc entity in the world – Bouvet Island. With an expedition that starts in January and lists into February, twelve radio amateurs will be challenging solar conditions, harsh weather, and mind-blowing pileups to activate this small speck of terra firma in the hostile environment of the extreme southern hemisphere.

With so many challenges preventing any easy activation, the current operation from Bouvet will probably be the last activation of this dxcc entity for the next 10-20 years. Even if another operation occurs in the next few years, it is safe to say that the desire and/or need to work Bouvet will remain for many years to come. From hard-core dx hounds to occasional rag-chewing amateurs, every amateur that has even a slight interest in chasing dx will inevitably be found in at least one of the many pileups sure to come!

With such a momentous operation underway, amateurs (particularly the dx hounds) will be hungry for news of the operation. Where does one go to find such information?

Actually, there are three main sources of information for the 3Y0J dxpedition. Here are those three main sources

DX World <https://www.dx-world.net/>

The Daily DX <https://www.dailydx.com/>

And, the official Facebook page for the 3Y0J expedition <https://www.facebook.com/groups/3093983840726129/>

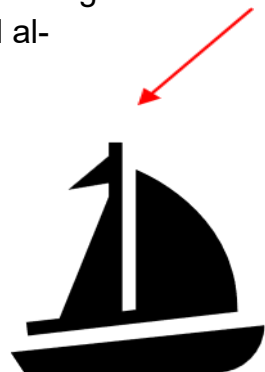
An additional source for the curious amateur is the official website of the 3Y0J dxpedition, found at the following link: <https://www.3y0j.no/>. This website contains a wealth of information, including the latest news on the 3Y0J team, listings of the Pilot/Media stations, propagation predictions, the 3Y0J qsl policy, and a myriad of other information.

There is one important operating note for those who will be chasing 3Y0J on FT8. The team will always be utilizing “Fox/Hound” or split operation (never simplex!) If Fox/Hound operation hasn’t been a typical part of your operating practice, maybe give the mode a try before jumping into the huge pileups of 3Y0J.

This dxpedition has seen incredible coverage in the ham circles, and with an official media pilot for the dxpedition (Steve, N2AJ), this dxpedition stands to have some of the best media coverage ever seen! With three separate media sources providing a near-constant flow of information, every amateur with internet access has a front row seat to the 3Y0J action.

Only one thing more needs to be said – get your stations ready ladies and gentlemen! 3Y0J is coming soon to an airwave near you.

3Y0J



73 de Jim AC9EZ

Bouvet Ahoy!

The Multi-Multi Station

By K8AQM 1629S, N8KR 7559S and KU8L 5380S

The first question is to answer: “What is a Multi-Multi” station? Simply answer is: “Multi-Multi” is “Field Day in a room but with commercial power.” Two or more stations operating under one call and in this case, in our SKCC events. WES, SKCC QSO Party and SKS have a Multi-Multi category but you can be a multi-multi station anytime two or more operators get together with two or more transceivers.

So why would you do this type of operation? Just like Field Day, it is fun! Being with friends and fellow operators is a great way to build friendships and as in the case of Field Day, know how transceivers respond and work in an RF rich environment.

Both K8AQM and N8KR have established major multi-multi stations in two very different environments. N8KR has established an excellent multi-multi station in an urban environment on a typical city lot while the K8AQM multi-multi station (now owned and operated by KU8L) was established in a rural environment. Different issues required different solutions.

But there are several issues that are common to both situations (rural and urban), we hope to share our experience and encourage you to join the fun of multi-multi operations especially in SKCC events.

A basic two station multi-multi operation for everyone in any environment:

How can two transceivers operate from one shack? It depends on available antennas. If the station has a tribander for 20-10 and dipoles for 80 and 40...you're in business! One station on the tribander and one on the dipole. If the station has separate dipoles for 80 and 40 you're in an even better situation. The 20m-10m bands usually fold when dark so that station now becomes your 80m station. Here in the Midwest we say, “There's no meters like 40 meters.” 40m is usually open 24 hours to somewhere so we always keep a station on 40m.

Logging is easy. Using SKCCLogger at two or more stations to log means you can just merge the logs together as a “Master Log” for that event. AC2C provides a very simple merging feature in the SKCCLogger as well as other valuable features.

What about power, what about intra-station interference (like many Field Day operations)? Now things get a bit tricky. The more power you run the more complicated it can become. You can multi-multi with QRP, QRPp or QRO (up to 100 watts), just know there are more issues with the higher power you run. There are several things you can do to prevent problems of intra-station inference:

1. The further antennas are from one another, the less they interact.
2. Always ground the transceivers securely.
3. Bandpass filters help both receive and transmit
4. The use of “stubs” eliminate many unwanted issues (cheaper than bandpass filters).
5. Common mode chokes help eliminate interference.
6. Be sure all connectors (pl-259, barrel and other connectors) are secure.

As with a high power multi-multi, the more stations you run, the more complex the operation becomes to control intra-station interference.

The following ideas apply to running a QRO multi-multi.

High power multi-multi stations follow all the suggestions mentioned for a basic multi-multi operation, plus additional items. Here is a list of just some of the issues we consider.

1. Antenna separations are even more important in QRO stations.
2. Common mode chokes at the antenna feed point is a good idea if possible.
3. Do not use multi-band antennas if at all possible....they “hear” at all their frequencies at once equally well!
4. If using wire antennas try to keep them running perpendicular to each other if possible.
5. Good grounding of all equipment (including amplifiers) is very important.
6. More than one bandpass filter may be needed at each station.
7. The use of stubs on the “output” of amplifiers is especially critical if running three or more stations.
8. Common mode chokes are a must on the output of transceivers.
9. Be sure all pl-259 connectors as well as power supplies and other connectors are very secure.
10. Ferrite chokes on all power leads can help reduce noise and intra-station interferences.

These are just the basic considerations for building a QRO multi-multi station. N8KR and KU8L have additional issues that you may or may not experience, but if you do and it’s something we can help solve...just ask!

At N8KR and KU8L we consider the operators and ways for them to operate efficiently. No two (or more) operators operate the same. Therefore we both provide multiple keys to choose from including straight keys, bugs and cooties at each operating position. At KU8L we try to keep headphones, keys, radios and computers at each station the same as much as possible to eliminate learning curves for the use of the different radios.

Finally, it is important to keep the operators “fed and watered!” Usually it’s no problem because all the operators bring snacks and drinks and at KU8L at least our mantra and unbroken tradition is, “we consume more calories than we make QSOs!”

The following articles are a description of the recent activity were the N8KR station and the KU8L station operated as K3Y/9 and K3Y/8 for a combined total of 1,037 K3Y QSOs and both station operators had a great time!

Both N8KR and KU8L would really like to see more SKCC stations have the fun and learning experiences we both enjoy. Come on, muti-multi!!!



Did you see the recent WANE 15 news story about morse code and ham radio? You can find the story and video at:

<https://www.wane.com/news/the-dits-and-dahs-of-morse-code-in-the-digital-age/>

K3Y/9 Multi-multi at N8KR Shack 2023



What a great time we had! Lots of food and refreshments... especially the lunch pizza courtesy of Larry KB9OS and Carla KD9ITZ. Thank you....plus Carla got some co-oping time with Josh-W9HT as they made contacts on the 20 meter station. John-NJ0U joined us this year and brought his K3Y expertise as he has been “burning up the bands” running K3Y/9 at his qth. Also new to us was Kurt -KC9Z....in fact, a new SKCC member. Kurt is a seasoned cw operator and jumped right in and made some contacts. Bruce, N9DGL did double duty along with Al - K9FW and Ed - WA9BBN by

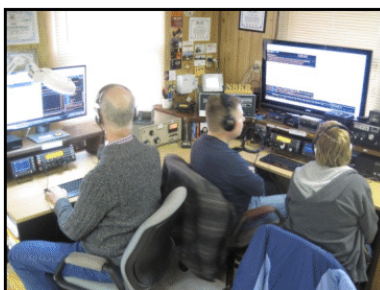
operating on both Saturday and Sunday! Jim - KR9U was our 160 op and, along with Steve - W9SAN, helped mitigate interference at the station. I love it when Steve -AC9XS comes over as he REALLY loves working DX...his best contact with us was with Japan!

Jay W9LW arranged to have WANE TV 15 visit the shack to do a news story on us. The camera was with us for nearly 2 hours shooting video and doing an interview.....we were on the 5pm and 11pm news that night! Joe-WB9EAO and Al -K9FW were operating during the video shoot.....lots of close ups of hands on the keys. I'm happy to report that both ops had clean finger nails! Thanks for arranging that, Jay, and for shooting some video for WPTA 21 tv..... Jay is a great PR person for ham radio...and a good cw op too!



Sunday was fun with the addition of Rose-KA9GKE. Rose spent Saturday chasing K3Y stations from home. It is always good to have Carl - K9LA (Central Division Chairman) join us and also good to have a visit from our friend John -W9GOO from Auburn.

So....how did we do? BETTER THAN EVER but..... the bad news: I made a bet with the K3Y/8 organizer K8AQM for most QSO's. They had 523 and we had 514. So I have to buy Ted a cup of coffee! Perhaps a McDonalds Senior Coffee!



K3Y/9 Multi-multi at N8KR Shack 2023 II

“WHY We Multi multi...”

A major focus of the N8KR SKCC multi multi is to expose new cw ops/SKCC members to SKCC operating and SKCC events. Nothing works better than side by side operating using headphone splitters so a seasoned op can sit next to a *rookie*. A written cue card with all aspects of the qso is posted at each station. With a new op next to me, I can point to each line as I send it and show how each received bit of information is received by pointing on each received field with the mouse as it comes in. After a few rounds, I invite the new op to take the key while I log and lead the qso by pointing on the cue card as info is sent. Later, when we switch ops, we can debrief, answer questions, give a break, and invite the *rookie* to operate again. Since we often have 7-10 ops in the shack with 2-3 stations, there's down time to visit as we share operating times. Some visitors just want to listen so having two sets of headphones at each station is important.

There are always questions about the SKCC logger/interfacing with radios/SKED page/keys/bugs/cooties so down time is a very important teaching/sharing time. There's usually a computer available and bugs and keys connected to a oscillator. Ops are always encouraged to bring along favorite keys and headphones...we've even had a radio brought in for testing. The K3Y multi at N8KR began 6 years ago with 4 ops. Each year it has grown and this year we had 16 ops - 2 were new member/ops and 2 more were new to our multi. While we make lots of contacts, its also a great social event . . . it is all about having fun! Having a large space really helps. Thinking about this concept of a muti multi event, think in terms of a controlled *field day*: rather than having anyone come in and set up, be deliberate and plan on 2-3 stations and set up antennas/use existing antennas.. (Please consider what has already been said about antennas: multi band antennas are not preferred... go back to basics and use dipoles. Make them resonant and you don't need tuners!) A small team of dedicated ops, their radios and laptops and keys, and you're ready to go. Invite others to visit and make it welcoming and friendly with food and drink and good times. Once you make it happen, you'll be asked to do it again the following year. If you need an opportunity for a test run, do a two radio SKS or WES.



There are wire antennas for 40 and 80 meters.



Josh W9HT feeding another antenna coax into the N8KR shack.



Jan. 24, 7-9 PM local. The following operators participated. QSO count is shown.

NJ0U (as K3Y/9)	44
AC9XS	27
WA9BBN	14
KA9GKE	11

January

New members:

- K9TCF Tim
- K9TZ Dave

Awards:

- AC9XS
- Senator x 3
- WAS – CENTURION
- WAS - TRIBUNE
- WAS - SENATOR
- KR9U
- SENATOR
- N9DGL
- WAS - SENATOR

Operating Activities during the month.

For the Weekend Sprintathon (WES) Jan. 7 & 8. The following operators participated. QSO count is shown.

W9TE	461
KU8T	138
AC9XS	86
W9SA	20
KA9GKE	17
W9GOO	11
W9LW	8
WA9BBN	3

For the Two Hour Straight Key Sprint (SKS) on Tuesday evening,



(K3Y QSL card for January 2023)

January was an active month for many local SKCC members with the annual month long K3Y event. World wide a total of about 49,000 QSOs have been made as of January 30. More results will be in the next newsletter.

The following local members operated as K3Y/9 ops during the January Straight Key Month:

- NJ0U - 609 QSO's
- W9TE - 514 QSO's
- W9HT - 138 QSO's
- WA9BBN - 66 QSO's
- W9LW - 50 QSO's
- AC9XS - 47 QSO's
- KR9U - 23 QSO's

73,
Ed, WA9BBN



Foxhunt Dates for 2023

2/5
3/5
4/2
5/7
6/4
7/9
8/6
9/17
10/8
11/5
Join in on the fun!

The 17th SKCC Anniversary Straight Key Month Has Begun!

45,603 Contacts have been uploaded so far.



2006 K3Y 2023

SKCC 17th Anniversary & Straight Key Month

Straight Key month is about over. Beginning on January 2, SKCC members in 19 world-wide call areas can volunteer to operate as K3Y/* for other SKCC members (and any amateurs) to contact. The K3Y operators sign up for a time slot (only one K3Y/9 can be on the air at a time) and then submit their logs to the special K3Y website. As of Saturday, January 28, 45,603 contacts had been logged and submitted by K3Y operators. Several of our FWRC club members have operated as K3Y/9 including John-NJ0U with 592 q's, Jim-KD9GDY with 182, Josh-W9HT with 138, Ed-WA9BBN with 66, Jay-W9LW with 50, Steve-AC9XS with 47, Jim-KR9U with 23, Ken-N8KR/4/7 with 370, and our own W9TE with 514! That's almost 2k qso's! Stations who contact the K3Y operators can map their progress by looking at their online "gid" listing the 19 call areas and the 10 different bands.

K3Y Station	160m	80m	40m	30m	20m	17m	15m	12m	10m	6m
K3Y/0	-	-	-	-	-	-	-	-	-	-
K3Y/1	-	-	-	-	-	-	-	-	-	-
K3Y/2	-	-	-	-	-	-	-	-	-	-
K3Y/3	-	-	-	-	-	-	-	-	-	-
K3Y/4	-	-	-	-	-	-	-	-	-	-
K3Y/5	-	-	-	-	-	-	-	-	-	-
K3Y/6	-	-	-	-	-	-	-	-	-	-
K3Y/7	-	-	-	-	-	-	-	-	-	-
K3Y/8	-	-	-	-	-	-	-	-	-	-
K3Y/9	-	-	-	-	-	-	-	-	-	-
K3Y/KH6	-	-	-	-	-	-	-	-	-	-
K3Y/KL7	-	-	-	-	-	-	-	-	-	-
K3Y/KP4	-	-	-	-	-	-	-	-	-	-
K3Y-AF	-	-	-	-	-	-	-	-	-	-
K3Y-AS	-	-	-	-	-	-	-	-	-	-
K3Y-EU	-	-	-	-	-	-	-	-	-	-
K3Y-NA	-	-	-	-	-	-	-	-	-	-
K3Y-OC	-	-	-	-	-	-	-	-	-	-
K3Y-SA	-	-	-	-	-	-	-	-	-	-

Log search results for KR9U

Tip: Mouse over the band slots to see operators worked

K3Y Station	160m	80m	40m	30m	20m	17m	15m	12m	10m	6m
K3Y/0	X	X	X	X	X	X	X	X	X	-
K3Y/1	X	X	X	X	X	X	X	X	X	-
K3Y/2	X	X	X	X	X	X	X	X	X	-
K3Y/3	X	X	X	X	X	X	X	X	X	-
K3Y/4	X	X	X	X	X	X	X	X	X	-
K3Y/5	X	X	X	X	X	X	X	X	X	-
K3Y/6	-	X	X	X	X	X	X	X	X	-
K3Y/7	-	X	X	X	X	X	X	X	X	-
K3Y/8	X	X	X	X	X	X	X	X	X	X
K3Y/9	X	X	X	X	X	X	X	X	X	X
K3Y/KH6	-	-	-	X	X	X	X	X	X	-
K3Y/KL7	-	X	X	-	X	X	X	X	X	-
K3Y/KP4	X	X	X	X	X	X	X	X	X	-
K3Y-AF	-	-	-	-	-	-	X	-	X	-
K3Y-AS	-	-	-	-	X	-	X	-	X	-
K3Y-EU	-	X	X	X	X	X	X	X	X	-
K3Y-NA	X	X	X	X	X	X	X	X	X	-
K3Y-OC	-	-	X	X	X	X	X	X	X	-
K3Y-SA	-	-	-	X	-	-	-	-	X	-

KR9U has worked K3Y on 140 out of a possible 170 band slots.

Everyone begins with a blank grid and as K3Y stations are worked, the grid fills up. Jim-KR9U has a pretty full grid making contacts with over 140 K3Y stations on various bands as shown with the "X". Stations also try to work K3Y operators in all 51 states (PR included). That's quite difficult as some states may only have one K3Y operator during the month. Only 10 stations were able to work all 51 states so far and two of our club members, Rose-KA9GKE and Ed-WA9BBN were among those! (John-NJ0U and Jim-KD9GDY have worked 50!) It's been a fun and busy month and congratulations to all of our FWRC SKCC members for their accomplishments! If you want to learn more about K3Y and SKCC, visit the skccgroup.com and on the left column you'll find, "K3Y Straight Key Month."

73 de Ken, N8KR

FOR SALE

**INCLUDE YOUR ITEMS
HERE IN NEXT MONTH'S
EDITION OF HAMNEWS.**

See page 2 of this edition of HamNews for the editor's contact information.

**VIBROPLEX
BUG**



**ASTATIC D104
ICOM IC-2AT**

- Vibroplex bug. Includes original case (not shown). \$75
- Astatic D104 desk microphone. Includes Heil 5 element. Contact Kevin, N9IWW for price.
- Pair of Icom IC-2AT 2m handheld radios. Contact Kevin, N9IWW for price.

**CONTACT KEVIN ADAM, N9IWW, AT
N9IWW (AT) LIVE.COM**

RADIO SPORT for February

2023

**4-5
FEB**

**North American
Sprint, CW**

**CQ WW RTTY
WPX Contest**

**11-12
FEB**

**18-19
FEB**

**ARRL International
DX Contest, CW**

**CQ 160m Contest,
SSB**

**24-26
FEB**

This information comes from the WA7BNM Contest Calendar at contestcalendar.com and is gratefully acknowledged. It is deemed accurate as of the time of publication.

Area Nets (updated as of 2/1/23)					
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	3.912	Daily Indiana Traffic Net	8:00 PM	50.580 USB	FWRC 6-Meter SSB Net
6:00 PM	3.910	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	--	--	--
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	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, N9PXO-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>

Area Repeaters (updated as of 2/1/23)							
Frequency	Offset	Tone/Notes	Callsign	Frequency	Offset	Tone/Notes	Callsign
53.3300	-1 MHz	--	W9FEZ	442.6375	+5 MHz	MDR CC1	N9MTF
145.330	-0.6 MHz	--	W9FEZ	442.99375	+5 MHz	D-Star W9TE-B	W9TE
146.880	-0.6 MHz	--	W9INX	443.100	+5 MHz	DMR CC1	K9MMQ
147.255	+0.6 MHz	--	W9INX	443.275	+5 MHz	P25 NAC # 293	K9MMQ
146.760	-0.6 MHz	141.3	W9TE	444.250	+5 MHz	141.3	W9AVW
146.910	-0.6 MHz	--	W9TE	444.800	+5 MHz	--	W9FEZ
146.940	-0.6 MHz	141.3	W9TE	444.8750	+5 MHz	141.3	W9TE
		FM / C4FM					
224.780	-1.6 MHz	--	W9FEZ				

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	\$25.00 / year
Family membership ¹	\$35.00 / 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

- 1: Please list all names and calls on an attached sheet.
- 2: K-12 or full time student.
- 3: 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

- 1: Please list all names and calls on an attached sheet.
- 2: K-12 or full time student.
- 3: Unlicensed member.