

Allen County HamNews

Fort Wayne Radio Club Fort Wayne DX Association

Allen County Amateur Radio Technical Society

April 2022

Volume 23

Issue 4

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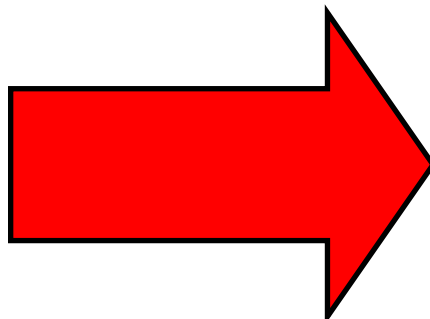
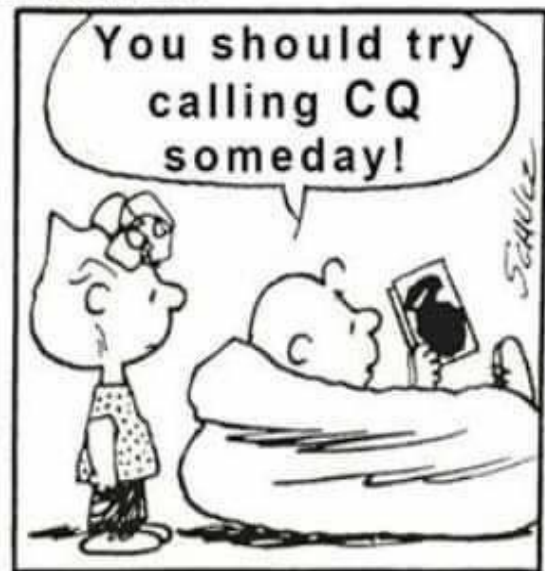
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And much

more!



@PEANUTSSPECIALS



Ramblings from the Editor

FM Simplex Contest

ACARTS again sponsors the annual FM Simplex Contest on April 9th. Refer to the flyer in this edition for more information. Catch you on the air during the contest!

INQP

The Indiana QSO party is slated for May 7th. Please see the column by W9SAN and help to put our state on the air! Check out the plaque that the FWRC won in this edition of HamNews.

Hamfest Season is back!

Several hamfests are coming up next month, including the North Central Indiana Hamfest in Peru on May 7th and Hamvention in Xenia, OH from May 20-22.

Cycle 25

Is Sally in cartoon on the cover right? I casually operated in the CQ WPX SSB Contest this past weekend with 250 contacts. While my score is not noteworthy, a SSB contact on 15m with a station in Thailand is very noteworthy! A few days later I worked China and Japan on the same band using FT8 after sunset—very unusual time of day for this kind of propagation. The kicker was a CW contact with ZL2BLQ on 15m this evening. And, no, Sally, ham radio is alive and well—and Cycle 25 is here! (See the cover.)

Wrapping Up

Be sure to check out this month's section of items for sale. There is quite an assortment of goodies! 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 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

Skywarn net activates for statewide test, severe thunderstorms

By Jay Farlow, W9LW, Allen County Skywarn Net Manager

The Allen County Skywarn net used a planned, statewide tornado warning test March 15 to practice net operations. Rich Detommaso, KD9ISV served as net control station operator, activating standby mode on the ACARTS 146.88 MHz repeater at 9:56 a.m. After the National Weather Service (NWS) issued the test tornado warning at 10:16, Rich implemented directed net mode, during which stations are requested to transmit only to make severe weather reports.

AC9XS, K9SKS, KB9NYZ, KB9WWM, W9GGA AND W9SAN transmitted simulated spotter reports during the exercise. KB9DOT, KB9YTT and N9GTL checked in during standby mode but did not transmit simulated reports. Including standby mode and directed net mode, the net was in operation for 34 minutes.

A reporter from WFFT TV (Fox) recorded some of the operation and interviewed W9SAN for a story about ham radio and storm spotters that ran that night (see photo in the next column).

On March 23, the NWS issued a severe thunderstorm watch that included Allen County. Chad Beach, W9GGA therefore put the net in standby mode at 1:55 p.m. Two minutes later, the NWS issued a severe thunderstorm warning for part of Al-



len County. The NWS issued a second severe thunderstorm warning for another part of Allen County at 2:04. KC9JOM, KD9INP and KD9NYZ transmitted severe weather reports, which were relayed to the NWS via its internal, internet chat system. At 3:00, KD9ISV took over net control duties. W9LW relieved KD9ISV at 5:00. At 5:37, NWS canceled the severe thunderstorm watch for Allen County and W9LW terminated net operations. During the net's standby mode, AC9XS, KA9IPA, KB9WWM, KD9AVB and KD9QHI checked in without making reports. The net was in operation for three hours, 55 minutes, all in standby mode.

For more information about net operations, including standby mode and directed net mode, access the net operations manual on the Fort Wayne Radio Club website or contact W9LW at w9lw (at) arrl.net.





North Central Indiana Hamfest

ARRL Indiana Section Convention

Saturday, May 7, 2022

9:00 AM to 2:00 PM (EST)

Miami County 4-H Fairgrounds

1029 W. 200 North, Peru, IN

Hosted by the Cass County, Grant County, Miami County & Kokomo Amateur Radio Clubs.



Talk-In on 147.345+ (131.8)

Coordinates: 40° 47.521' N 86° 5.635' W

Ticket Information

\$5.00 -17 and Under Free.

Free Parking, Handicap Accessible

Forums

**To Be
Announced**

Raffle & Door Prizes

**Icom 2730 Dual-Band Mobile
Yaesu FT-65 Dual-Band HT***

On Site Camping – Only \$30.00/Night

Electric & Water Hookups 2 Sewage Dumpsites Restrooms with Showers
Contact: Dave McDougle, Fairground Facility Manager at 765-327-5398.

Vendor & Tailgating Information

Setup Times: Friday, 5:00 - 8:00 p.m. & Saturday, 7:00 - 8:45 a.m.

Inside Tables: Reserved tables \$5.00 each Tables day of event - \$7.00 each

Admission: \$5.00 / Person

Tailgating Area: \$10.00 + \$5.00 / Person Admission

Reserve Your Tables

Call Mitch Miller at 765-661-5893 or email: ncihamfest@gmail.com

Free Laurel VE Testing 8:00 - 10:00 a.m.

Bring a Photo ID. Children can use a Student ID.

The FCC now requires an FRN Number to test.

Get an FRN Number at <https://apps.fcc.gov/cores/>

If already licensed and upgrading, bring a copy of your current license.

Need more info, contact John Fulton at email: n9vob@sbcglobal.net

***One new ham will win a Yaesu FT-65 Dual-Band Portable!**



www.NCIHamfest.com Find us on Facebook - North Central Indiana Hamfest

Hamsplatter

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

CQ INQP CQ INQP

Sponsored by **HDXCC** the Hoosier DX and Contest Club

The Indiana QSO Party is fast approaching! This year, the Fort Wayne Radio Club is going to run a Multi-Multi station under the call sign W9TE at the QTH of Larry Temenoff, KB9OS, to hopefully once again grab the plaques for top club and top Multi-Multi in the state! We did it once before, we can do it again! And since W9TE can also claim FWRC as affiliated club, maybe we can push the total for the club score over the magic 1 million mark!

So if you can help by setting up and maybe operating a hour or more on SSB or CW on 160/80/40/20/15/10 meter bands, we would love to have you come out and join us. Mark your calendar for May 7th! Setup starts around 9:00 am and the contest gets on the air at 11:00 am.

Look for more details to come from the club. Let's do it again and dominate the INQP!

73,

Steve, W9SAN

FWRC Activities for 2022

| Foxhunts | Board Meetings | Club Meetings |
|-----------|----------------|---------------|
| 4/3/2022 | 3/29/2022 | 4/8/2022 |
| 5/1/2022 | 5/3/2022 | 5/13/2022 |
| 6/12/2022 | 6/7/2022 | 6/17/2022 |
| 7/10/2022 | 7/5/2022 | 7/15/2022 |
| 8/7/2022 | 8/9/2022 | 8/19/2022 |
| 9/18/2022 | 9/6/2022 | 9/16/2022 |
| 10/2/2022 | 10/11/2022 | 10/21/2022 |
| 11/6/2022 | 11/8/2022 | 11/18/2022 |
| -- | 11/29/2022 | 12/9/2022 |

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Larry Temenoff, KB9OS

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Josh Long, W9HT

FORT WAYNE RADIO CLUB MEETING MINUTES

18 March 2022

The March meeting of the Ft. Wayne Radio Club was held at the Good Shepherd United Methodist Church (GSUMC) on 18 March, 2022.

Club President Carole Burke, WB9RUS welcomed the attendees (about 20). She led everyone in the pledge of allegiance as is our usual practice. Then all present introduced themselves by their name and call-sign. Then she welcomed newly minted ham Jeff Johns, KD9UJU, to the hobby and the club.

Treasurer Bob Streeter, W8ST was not able to attend the meeting, but he provided data regarding the current club Treasury statistics as of 18 March, 2022, to wit:

| | |
|-----------------------|-------------|
| Savings- | \$1,843.16 |
| Checking- | \$7,100.86 |
| Vanguard Money Market | \$11,326.60 |
| Year-To-Date Income | \$1185.00 |
| Year-To-Date Expenses | \$1,355.47 |
| Club members count | 139 |

Steve Nardin, W9SAN put forth a motion to increase the limit of how many dollars the Board of Directors can authorize to be expended for club expenses without a formal vote by club membership, the proposed limit changing from \$150.00 to \$500.00. After a discussion there was unanimous agreement by all members present at the meeting to this proposal.

Article V, paragraph 9 of the club's Constitution requires that all proposed changes to the Constitution (in this case to Article V, paragraph 9) must be documented and be read at two consecutive club meetings. Adoption requires a two-thirds (2/3) vote of a quorum. So, it is proposed that Article V, paragraph 9 be changed

from:

"All proposed expenses not exceeding one hundred fifty dollars (\$150.00) payable by the Treasurer shall be decided by the Executive Committee. Any expenditures above the maximum, with the exceptions of usually and customary business expenses of the Club, shall be presented for ratification by the Club membership".

to:

"All proposed expenses not exceeding five hundred dollars (\$500.00) payable by the Treasurer shall be decided by the Executive Committee. Any expenditures above the maximum, with the exceptions of usually and customary business expenses of the Club, shall be presented for ratification by the Club membership".

This proposal will be briefed again at the April meeting and then put to a vote.

Paul Prestia and Al Burke discussed the status of our repeaters. There is a lot going on.

The 146.940/Fusion machine at Parrott Rd. is working normally as is the 444.785 UHF machine at Robison Park.

The Tait TB4100 repeater, procured to replace the malfunctioning Bridge-Comm hardware, was installed at the 146.91/Echo-Link PFW site but it is not working satisfactorily. It seems to be suffering from severe desensing. We suspect it may be a problem with the cavity duplexer. A trip to the site to retune the duplexer is planned to occur next week. In the mean-time, we have placed a call to our equipment supplier, SUNNY Communications, describing the symptoms observed and requesting their opinion on what may be causing the problem.

It was reported that the Bridge-Comm hardware at the 146.76 Robison Park site has hung-up twice recently. It seems to be exhibiting the same problem as the Bridge-Comm unit at PFW, but to a lesser degree. So we may wind up having to replace it too.

We will soon be losing internet access at Parrott Rd. and thus for the D-STAR system. Phil Hooper, AB9IZ had been kind enough to provide us internet access from his QTH via a 900 MHz data link between his QTH and the Parrott Rd. site. But Phil is soon moving to Washington State so we will be losing our internet connectivity.

We are in the process of attempting to re-establish internet connectivity through the use of a Wi-Fi hotspot connected to a local data only wireless service that will cost the club \$10.00 per month. If successful we will have fully functioning D-STAR capability that we can afford, despite Phil no longer being in town.

Carole noted that meeting programs/focus for the next few months will include:

April – Ken Rogner, N8KR, will present a program on participating in the Indiana QSO Party-2022 contest that the club intends to compete in. The contest will occur on 7 May from 11:00 am to 11:00 pm. Dan will include details regarding the use of logging software developed specifically for this contest. (In this context Larry Temenoff, KB9OS has offered his QTH as the operating location for the contest. To avoid having people tromp in and out of Larry's house Al Burke is in the process of renting a Porta-Potty for the day of the contest.

May – TBD

June – Ron Gregory, W9RGM, will tell us about his experiences as a disk jockey at WOWO during the 60's, 70's and 80's. (Former WOWO personalities Chris Roberts, Don Chevillet and Art Saltzberg will

also be present and contribute to Ron's program). We expect a significant turnout for this event and so have rented Rausch Hall at the GSUMC to accommodate the crowd.

July – Paul Prestia, KA3OPZ, will provide a program on "Everything you need to know about getting registered for, and operating on, DSTAR".

August – The Tailgate Hamfest. It will occur at Parking Garage #3 on the Purdue-Ft. Wayne campus on Friday 19 August. As usual we are asking sellers to contribute 10% of their proceeds to the club, and the club in turn will donate these proceedings to the PFW Science Fair as a "thanks" for the use of the parking lot. We are also planning to hold the FWRC sponsored Auction (formally held in January) at the parking lot, but probably not on the 19th.

Carole announced that the Spring Banquet will occur at the Old Fort during Field Day weekend, specifically on Saturday evening, June 25th. The club will provide hamburgers and hot dogs plus buns, condiments, water and punch, cutlery and dinnerware as usual, but the bulk of the yummys will consist of what attendees bring as Carry-In's. (Deviled eggs and/or meatballs are viewed as an inspired suggestion).

The Board of Directors is discussing implementing another FWRC Special Events station event at Parkview Field during a Tin Caps game prior to Field Day. We would plan on it occurring during a Sunday game. We are thinking of featuring a give-away prize to a ham in attendance at the game, similar to the items we raffled off during the "renew your dues" promotion conducted during the Fort Wayne Hamfest last November.

Following the business meeting Jack Shutt, W9GT gave a very interesting and entertaining presentation of the design and installation of his newly acquired 60', nested, three section aluminum tilt-over tower. It replaced a 90' steel tower that he had put into service 35 plus years ago. This project took about 1 ½ years to complete and involved a lot of engineering, metal bending and fabrication with significant help from local hams. All in all a very professional presentation.

The meeting adjourned about 8:06 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

Allen County Amateur Radio Technical Society



Hello everyone!

Our last board meeting was canceled due to scheduling conflicts. We still have the Secretary position open on the ACARTS board. If anyone is interested in being a part of our board, please email me at w9tsb (at) outlook.com.

Our last general meeting was on the 15th of March 2022, we had a small group that attended. Carl K9LA gave presentation on solar Cycle 25. It was very informative. Thank you, Carl, for the great presentation.

Remember to mark April 9th, 2022, on your calendar for the VHF/UHF Simplex contest. For details, visit www.acarts.com website.

Thank you all!

73,

Chris McCullough, W9TSB

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W9INX Trustee

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THE ALLEN COUNTY AMATEUR RADIO
TECHNICAL SOCIETY PROUDLY PRESENTS THE

2022 FM VHF/UHF SIMPLEX CONTEST

Saturday, April 9th,
7:00PM - 10:00PM EDT

For complete
contest rules,
check the club
site at
www.acarts.com





6-Meter Propagation via the F2 Region

By Carl Luetzelschwab, K9LA

As Cycle 25 continues its ascent, good things are happening on the higher HF bands (15-meters, 12-meters and 10-meters) and even on 6-meters.

With respect to 6-meters, I received an e-mail from Jon N0JK on March 21. Jon writes "The World Above 50 MHz" column in QST and the "VHF-UHF Contesting!" column in NCJ (National Contest Journal). In his e-mail he noted what he believes to be the first 6-meter F2 opening of Solar Cycle 25 for the continental USA. PV8DX in northern Brazil (3°N / 60°W) worked a bunch of Florida stations on SSB (50.110 MHz) between 1840 and 1850 UTC on March 21.

These were not TEP (trans-equatorial propagation) QSOs. They were single hops from the 'normal' F2 region. TEP also involves the F2 region, but PV8DX's location is not suitable for TEP to Florida. As a refresher, for a TEP QSO the geomagnetic equator is at the middle of a very long hop. The long hop involves refraction from the two high electron densities in the F2 region on either side of the geomagnetic equator, and no intermediate ground reflection. The northern end of a TEP path is generally in the Caribbean, while the southern end of a TEP path is generally in extreme southern South America.

The accompanying figure (from <https://ns6t.net/azimuth/azimuth.html>) shows the path (in red) from PV8DX (the black star at the center of the map) to Florida at about 4000 km. The outer perimeter (radius) of this map is 8000 km, with 2000 km, 4000 km and 6000 km circles from the center. All paths from the center of the map are great circle paths.

Also shown on the map is the Ramey ionosonde in Puerto Rico (the black x). It's roughly 2000 km from PV8DX and roughly 2000 km from Florida. In other words, it's the midpoint of a 4000 km F2 hop. Just for reference, a typical TEP path is shown in green, with the midpoint of the TEP path crossing the geomagnetic equator (in orange).

Although the Ramey ionosonde is not right on the path from PV8DX to Florida, it's close enough to give us an idea if the F2 region was ionized enough to support 50 MHz. Looking at the ionogram from Ramey (from <https://giro.uml.edu/>)

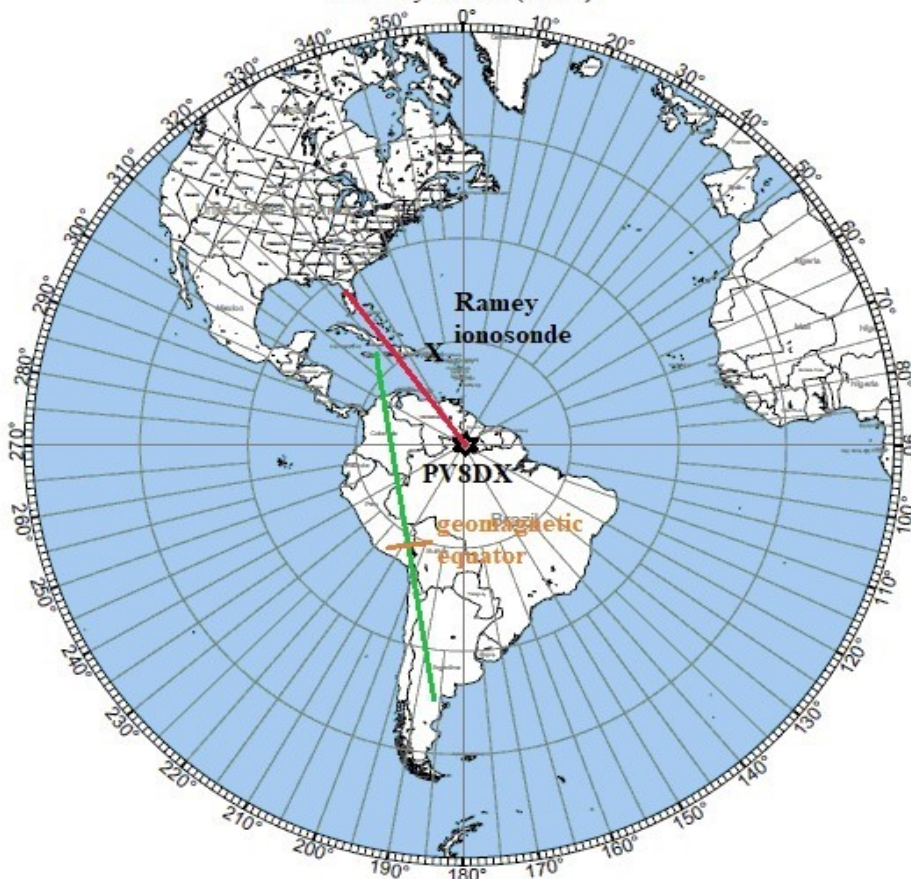
at 1845 UTC on March 21, 2022 indicates an F2 region critical frequency (foF2) of 14.125 MHz. Using spherical geometry to convert this value to a low elevation angle hop of 3000 km gives the reported F2 region MUF (maximum useable frequency) over the Ramey ionosonde of 47.5 MHz. The MUFs at 1830 and 1900 UTC were within a tenth of a MHz compared to the 1845 UTC MUF.

The hypothesis here is that the PV8DX QSOs with Florida were single hops of 4000 km – not 3000 km. The MUF for a 4000 km hop would be higher – in the vicinity of 60 MHz.

In summary, as Cycle 25 continues its ascent, keep an eye on 10-meters and 6-meters. Although we're way up north compared to Florida, if you're in the right place at the right time, you may be rewarded with some interesting QSOs.

Center: 2°47'59"N 60°42'0"W Radius: 8000 km

Courtesy of Tom (NS6T)



Tuning Up

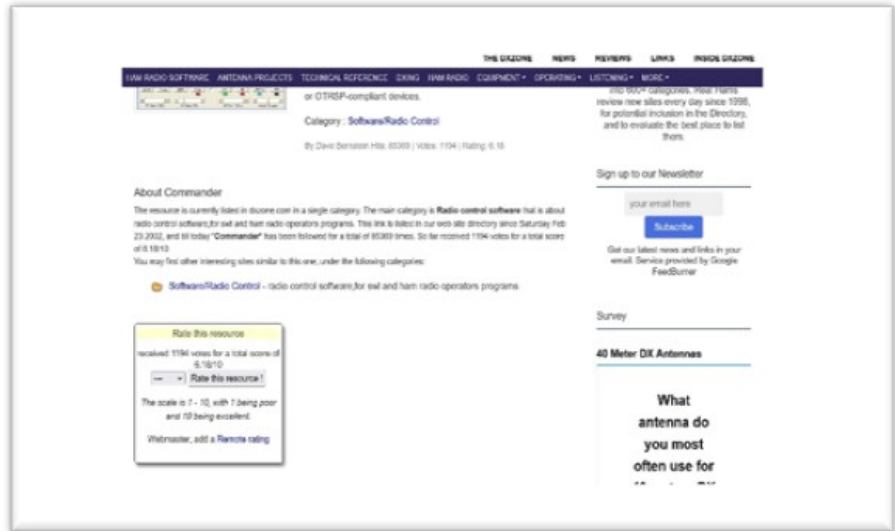
The Wikipedia of Amateur Radio

It's hard to believe that April is already upon us! Spring is just round the corner, and with spring comes some of the best (imho) radio contests of the year – the ACARTS FM Simplex Contest in April, the Indiana QSO Party, and Field Day!

A lot has been going on recently, and unfortunately, the crystal radio has had to be placed on the back burner. So, for this month, we are going to take a quick look at a few ham radio websites that I personally find useful when researching various subjects within ham radio. Both websites contain a massive amount of info, and what with the variety of authors contributing to the websites and the formatting of the websites themselves, I characterize these websites as the “Wikipedia” of the amateur radio – internet world.

The DXZone

Our first “Wikipedia” is called the *DXZone*. This website contains a variety of amateur radio topics, stretching from antenna design to amateur radio software. As an example of what all is



A screenshot of a resource link on DXZone. Notice the “source rating” at the bottom left of the photo.

available on this website, I did some searching for software that can be used to remotely control an amateur radio station. A quick Google search, coupled with the word “DXZone” immediately brought up a webpage on the DXZone website with – quite literally – dozens of listings of software used to remotely control an amateur radio station. Each of these listings gives a short description about what the software does, and a link to the website where the software may be found.

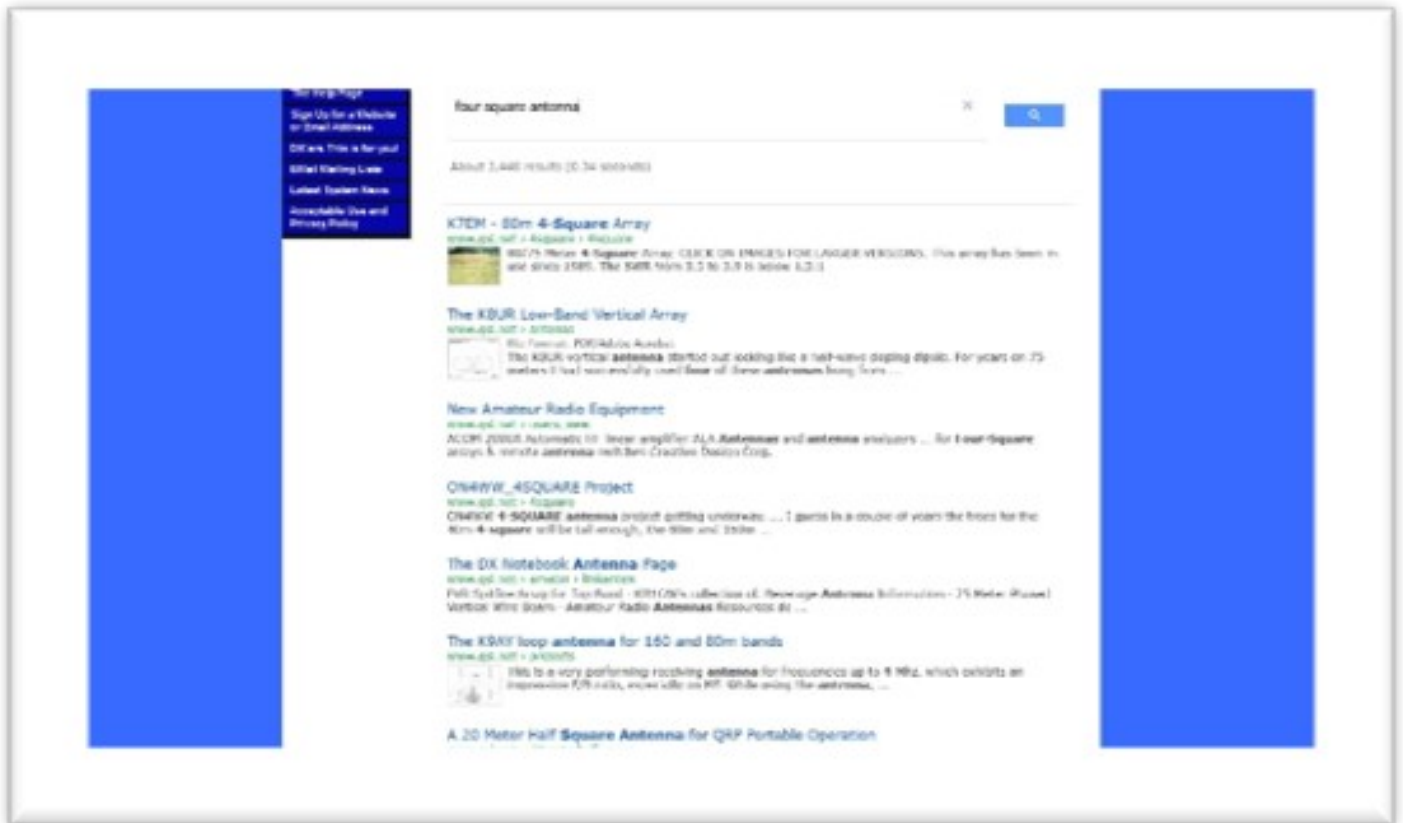
In addition to the above information, each page describing a particular software or article has a “source rating” for the source of information. The rating is based on a scale from 1 to 10, with 1 being a low “rating” and 10 being a high “rating”. Also included are the number of votes or people who have taken the time to “rate” that source of information. This “source rating” can be a handy piece of information, because it gives the

reader an idea of how many people are looking for similar pieces of information and how potentially useful that source is to their intended project.

QSL.net

The second “Wikipedia” of amateur radio websites is called *QSL.net*. Probably most folks reading this article are familiar with this website, but in case you are not, QSL.net is like the “Google” of amateur radio. The homepage of the QSL.net website is admittedly a bit drab, but what it lacks in graphics it makes up for in the amount of information available.

Unlike the DXZone, QSL.net searches pull up full articles published on the QSL.net website. Most of the time, I usually use QSL.net information when I am building some kind of antenna or an antenna related item (such as an “ugly balun”). These articles are not, to the best of my knowledge, proofed or fact-checked before being published. However, I have found the



A screenshot of a results page on QSL.net. Notice the search terms in the search box at the top of the photo, and the titles of the search results below the search box.

information contained in the articles informative and enlightening, particularly if it is on a topic with which I am unfamiliar. Many times, the antenna-building articles on QSL.net are written from the perspective of hams who are on a small budget, so antenna construction articles tend to favor the low-cost approach (a big plus in my book!)

A good example of the sheer amount of information contained within QSL.net can be easily illustrated by a quick search I did for “four square antennas”. These antennas are ubiquitous in many contest stations, and even some dxpeditions prefer to use four-square antenna arrays for their low-band efforts. With the search terms “four square

antennas” entered, QSL.net returned 10 pages of results. It should be noted that most of the results were not related to my particular query, as I was looking for an actual description/discussion of a 4-square antenna. But, two sources looked promising, and several other sources seemed to promise some good reading on other arrays/antennas.

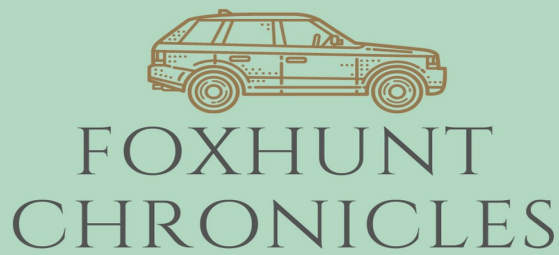
Both of these websites are good repositories for knowledge and projects that may not be published in more official publications or outlets. Like Wikipedia and Google, results can vary as to accuracy and precision, and I would not use their information for anything as serious as a thesis defense or senior design

project. Still, one must start one’s research with something, and these websites provide a very good first place to start.

73,

De Jim AC9EZ





FOXHUNT CHRONICLES

March 2022

Sunday, March 6 was a windy but sunny day here in Allen County. The FWRC March Fox Hunt began 5 minutes late, as only one team showed up to hunt. That team was the threesome of Linda Nardin, W9LAN, Steve Nardin, W9SAN, and their grandson, Alex. Once it became clear that no other teams were going to participate in the hunt, we decided to go ahead and run the event.

Initial results on the first transmission seemed to indicate a bearing from start point to the area around the 'new' Fortmeyers location. However, subsequent bearings told a different story and suggested the Fox was somewhere around the I-69 & IN-14 interchange. As we got closer however, we realized that the hunters were going in circles. After about an hour of frustrating results, the Fox was consulted! At that point the team was at Saint Francis University, and the 'clue' was pretty clear, the

foxes were at Buckner Park.

Well this was good to know, but the construction on Bass Road was right in the way, so off to Illinois Road we went, to drive around the construction. Upon arrival at Buckner Park, the micro fox was singing his same song, but to our dismay, the signals appeared to be coming from a close-by porta potty!! After a quick investigation, we followed our tape measure yagi and third harmonic yagi to a small tree about 15 feet away. Grandson Alex, whose eyesight is much better than my double cataract repaired sight, immediately found the micro-fox with camo tape on a tree branch 6 feet off the ground.

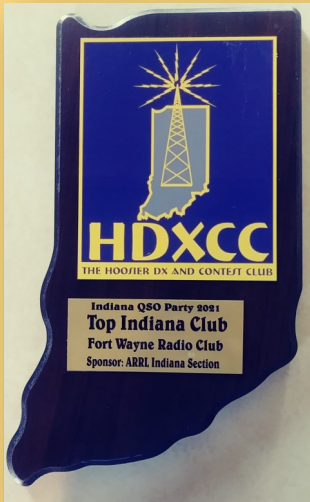
All in all it was a good way to spend a windy Sunday afternoon! But it is now back to the drawing board for our vehicle mounted Fox Hunt antenna, which presently is a 5 element homebrew Quad. Plans are to switch to a commercially built yagi and improve the attenuator bank for smoother operation. (Anyone need a 2 meter quad?)

Be sure to join us in April on the 3rd for our next addition of Fort Wayne Radio Club Fox Hunting!

73,

Steve Nardin, W9SAN

| HUNTER | MARCH | YEAR-TO-DATE |
|--------|-------|--------------|
| WB9RUS | 0 | 1 |
| WB9SSE | 0 | 1 |
| KA9YYI | 0 | 0 |
| K9OMA | 0 | 0 |
| KC9MUT | 1 | 5 |
| W9SAN | 1 | 2 |
| W9LAN | 1 | 2 |
| ALEX | 2 | 3 |
| KD9TST | 0 | 2 |
| KD9TTK | 0 | 2 |
| KD9TTL | 0 | 2 |
| IAN | 0 | 2 |



Indiana QSO Party 2022

It's time to start planning for the Indiana QSO Party on **May 7**. For the past two years our club members have submitted record scores for the club competition. Last year we were just shy of one million points. Can this be the year to reach that level? Our program at the April FWRC club meeting on April 8 will focus on helpful operating tips to help you maximize your score. Plan to be there!!

Flagpole and Dipoles: N8KR/4 QRT

It's been 4 ½ months of nice weather and great *southern propagation* at the Florida QTH. The station antennas were highly effective for world-wide communication with over 2k qso's in the log! Nothing fancy here: home-made fan dipoles for 15, 20 and 40 meters, all resonant so no tuner is needed. The Ebay flagpole extends to 30 feet and cost around \$75. With a sack of quickcrete cement, the support sleeve extends 16 inches into the ground and the flagpole is freestanding. When it's time to go home, the flagpole collapses to 6 feet and pulls out of the support sleeve for easy storage. The 20/40 dipoles have been in use here for many years. I added the 15 this year . . . just in time for the increase of sunspots! See you at the club meeting in April!





The Northeastern Indiana Amateur Radio Association

AUBURN HAMFEST

New Date! **Saturday, August 13, 2022**

Auburn Cord Duesenberg Museum

1600 S. Wayne St. Auburn, IN 46706

OPEN 9 AM TO 2 PM • TALK-IN: 147.015 (141.3) 7:00 AM • LOAD-IN: 7 TO 9 AM

FREE Admission

6,000 SQ. FT. INDOOR DISPLAY SPACE (Not counting the huge Museum Area!)



FREE Parking

Supervised by the DeKalb County ARES Team.



FREE AUBURN CORD DUESENBERG Museum

View an amazing collection of classic motor vehicles.

NEW this year—FOOD VENDOR
on the parking lot.

NEED MORE INFO?
E-MAIL: W9OU@ARRL.NET

Indoor Vendor Tables: \$10 ea.
Order online now at www.w9ou.org

Outdoor Sales - One raffle ticket purchase for each parking space.

Contact: W9OU@ARRL.NET

Raffle Prizes:

- 1st-** Xiegu G90 HF Radio with Base
- 2nd-** Yaesu FT-70DR with Mag Mount Ant.
- 3rd-** N3FJP Logging software—Full Reg.
- 4th-** \$50.00 DX Engineering Gift Cert.

Ticket Prices \$5.00 - Buy 2, get 1 Free!

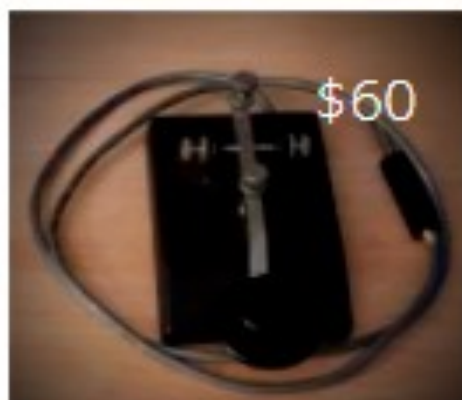
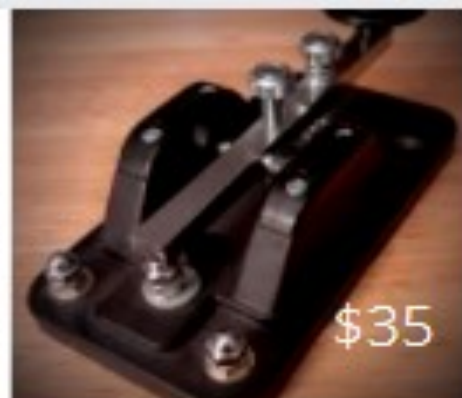


Cushcraft Ten-3 10m Yagi

antenna with manual in excellent condition. Proceeds to FWRC.

Free with sale of antenna: CDE TR-44 rotor with manual (needs lubrication).

Call Jim, W8HOM at 260-447-1225



For any of these items from the estate of KJ9R, please contact Terry K9FMX at 260-705-7128.



**U-100 antenna rotor with 2
working control boxes and 100
feet of HD control cable. \$100**

Call Al, K9FW at 260-247-1939
for more information.

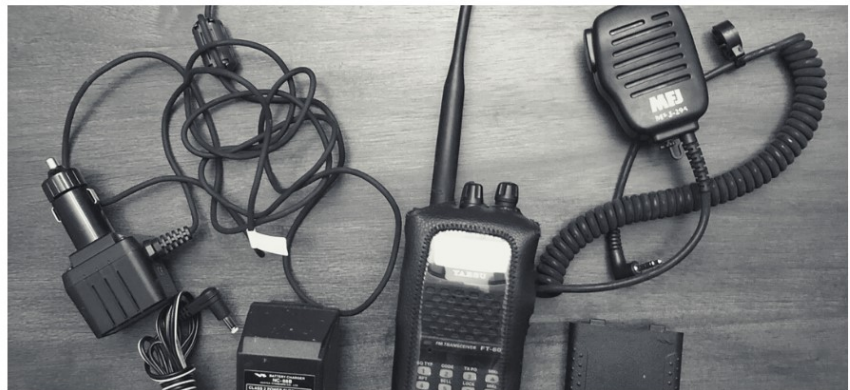
MARCH 2022

ALLEN COUNTY HAMNEWS



**FOR
SALE**

YAESU



DUAL BAND HT KIT

For Sale: Yaesu FT-60R dual-band handheld transceiver with accessories:

- 2 aftermarket 1800 mAH Ni-MH battery packs
- 1 Yaesu NC-88B “wall wart” battery charger
- 1 Yaesu E-DC-5B “cigarette lighter” adapter with noise filter
- 1 MFJ-295 speaker microphone with headphone jack
- 1 aftermarket vinyl case.

All equipment was working fine when removed from service. Battery packs are both more than five years old, so their life is not guaranteed. This equipment belonged to W9LW's wife, N9XKU, who recently replaced it with a DMR/FM handheld.

Similar packages recently sold on eBay for \$150. I'm asking only \$110. Email W9LW at [arsw9lw \(at\) gmail.com](mailto:arsw9lw@gmail.com).



- Working Heathkit DX-20. It comes with a cabinet and even has the original XTAL cover and meter. Not a pretty face plate, but very clean chassis. Tested on 40 / 80 only. \$30.
- MFJ Versa Tuner. Works okay, but the roller inductor knob feels bumpy when turning. This is a QRO tuner for you big guns - It does have a low power setting/button. I run barefoot with a smaller tuner so this one needs a new home. \$100

CONTACT BRIAN, W0NW AT
RADIOW0NW (AT) GMAIL.COM

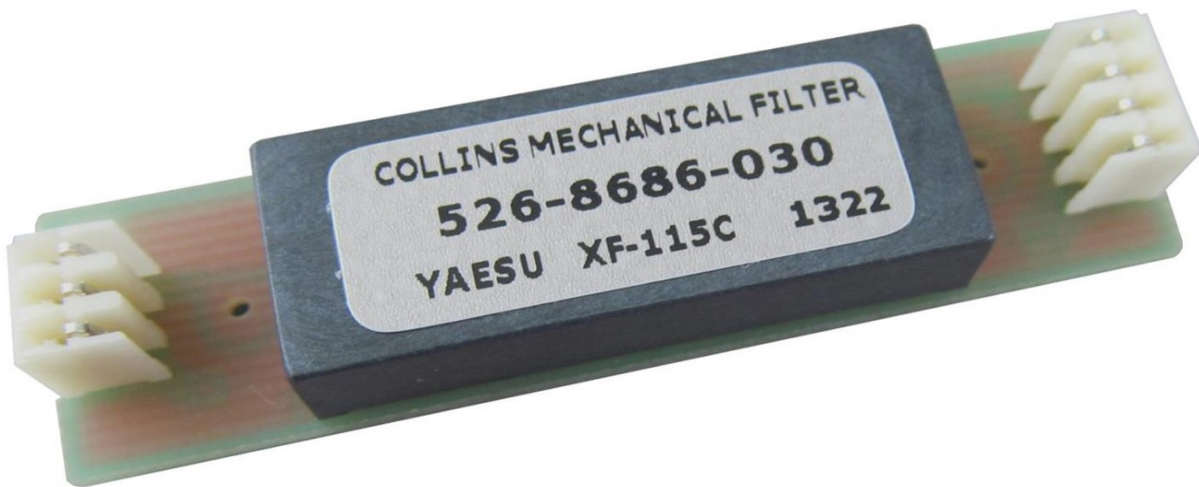
For Sale

YAESU FT-991 HF/VHF/UHF RADIO AND MATCHING YAESU SP-10 SPEAKER



Very nice cosmetic and operating condition, no issues. Includes original boxes, hand microphone, power cord, manual, and after-market side rails for radio. \$700 for everything. Contact the editor at w9ht (at) gmail.com.

WANTED



CW FILTER

A BUDDY OF MINE IS LOOKING TO PURCHASE EITHER THE YF-122C OR YF-122CN (500 HZ. OR 300 HZ.) CW FILTERS FOR HIS YAESU FT-857D. IF ANYONE HAS SUCH A FILTER OR KNOWS WHERE ONE CAN BE PURCHASED, PLEASE EITHER CONTACT JOHN, K0HD, AT K0HD (AT) POBOX.COM OR, IF YOU HEAR ME ON THE AIR, GIVE ME A CALL. THANKS! JIM AC9EZ

SELECTED CONTESTS APRIL 2022

Key:

| | | |
|--|---|--|
| <p>2-3 Missouri QSO Party, 1400Z, Apr 2 to 0400Z, Apr 3 and 1400Z-2000Z, Apr 3</p> | <p>16-17 CQMM DX Contest, 0900Z, Apr 16 to 2359Z, Apr 17</p> | <p>Date Event Dates/Times</p> |
| <p>2-3 Mississippi QSO Party, 1400Z, Apr 2 to 0200Z, Apr 3</p> | <p>16-17 Michigan QSO Party, 1600Z, Apr 16 to 0400Z, Apr 17</p> | |
| <p>9-10 SKCC Weekend Sprintathon, 1200Z, Apr 9 to 2400Z, Apr 10</p> | <p>27 SKCC Sprint, 0000Z-0200Z, Apr 27</p> | |
| <p>15-16 Holyland DX Contest, 2100Z, Apr 15 to 2100Z, Apr 16</p> | <p>30-1 Florida QSO Party, 1600Z, Apr 30 to 0159Z, May 1 and 1200Z-2159Z, May 1</p> | |

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 | | | | | |
|---|------------------|---|-----------|-----------------|---|
| 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, 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.inarri.org/index.php/public-service/indiana-nts | | | | | |

| Fort Wayne area repeaters (updated as of 4/1/22) | | | | | | | |
|--|----------|---------------|----------|-----------|--------|------------|----------|
| 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 |

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

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.

IT'S BACK AFTER A TWO YEAR ABSENCE

HAMVENTION

2022



MAY 20-22, 2022

GREENE COUNTY FAIRGROUNDS

120 FAIRGROUND RD, XENIA, OH 45385

**BE THERE OR N8KR WILL GET
ALL THE GOOD DEALS**

ONE HAMFEST TO RULE THEM ALL