

# Allen County HamNews

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

May 2022

Volume 23

Issue 5

## In this edition:

### From the Editor

Page 2

### Skywarn Ad

Page 3

### Carole's Corner

Page 5

### INQP Special Section

Page 7

### INQP and its Record Holders

Page 11

### ACARTS Presi- dent's Message

Page 13

### Finding Treasures

Page 14

### Foxhunt

### Chronicles

Page 15

### Field Day

### Mystery

Page 17

### For Sale/Wanted

Pages 19-29

### Contest Calendar

Page 30

### And much

more!

OPERATE DURING THE

2022  
INDIANA  
QSO  
PARTY

HELP TO SET  
NEW RECORDS!

1500Z, MAY 7-  
0300Z, MAY 8

HAMVENTION 2022

LOCAL RADIO DEALS

## Hamming It Up With the Editor

Welcome to a new month! A few highlights of this edition follow:

### INQP

As noted, the Indiana QSO party is slated for May 7th. Please check out the special section in this edition for lots of information and options on how you can participate in this fun event.

### Hamvention 2022

After a two-year hiatus, Hamvention 2022 is a go this year! Xenia is about a two hour drive from Fort Wayne, so a day trip to Hamvention is a great way to spend an afternoon (or even a weekend). For me, Hamvention is the unofficial start of the summer season and a great chance to see friends, learn more about the hobby, and find a great deal or two.

### Cycle 25 Continues On

The HF bands continue to heat up! A few evenings ago I was able to work 9K2NO on 20m CW with a single call (running 100w into a dipole). Listen to the bands, call CQ, and see who calls you back!

### FM Simplex Contest

Last month I decided to go roving and tested out a Yaesu FT-817 that N8KR got in an estate sale. While my rover station wasn't overly powerful, I did have fun chatting with a handful of local stations. Results from the contest should be available this month and will be posted in the June edition of HamNews. Thanks to ACARTS for sponsoring this event.

### Wrapping Up

See you in Xenia later this month!

73,

*Josh, W9HT*

# HAMVENTION 2022

XENIA, OHIO

## 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

---

# WANTED



# SKYWARN SPOTTERS

SEE [HTTPS://FWRC.INFO/SKYWARN](https://fwrc.info/skywarn)  
FOR MORE INFORMATION



# 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](mailto: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](mailto:n9vob@sbcglobal.net)**

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



**[www.NCIHamfest.com](http://www.NCIHamfest.com)    Find us on Facebook - North Central Indiana Hamfest**

# Hamsplatter

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

## FROM THE FWRC PRESIDENT: CAROLE'S CORNER



Spring has sprung, the grass is riz, I wonder where the summer is.

I hope everyone is doing well and enjoying the weather and not having to bundle up too much to get the mail! I, for one, am thoroughly enjoying it.

We hopefully will be operating a Special Even Station on Sunday June 12<sup>th</sup> at Parkview Field during the Tin Caps vs. Lake County game to promote our Field Day effort; where-ever it is this year. The city will be reworking the Spy Run bridge where it crosses over the St. Mary's river, so convenient access to the Old Fort will likely not be possible, as we understand the situation. We are currently trying to find a new location for Field Day. During our next Board meeting we will be discussing this matter. City/County

parks are a consideration; unfortunately they do not allow overnight stays. If anyone has a suggestion, please let a board member know ASAP.

It is so nice to be back in the church for our meetings. Every month we get a few more members in attendance than the month before. I am hoping to have enough to fill the big room again.

Our program this month is on the Club's Equipment Loaner Program.

Take care, stay healthy, and enjoy the spring.

73,

*Carole, WB9RUS*

### FWRC Officers 2022

#### President

Carole Burke, WB9RUS  
(260) 637-1989  
Wb9rus(at)comcast.net

#### Vice President

Paul Prestia, KA3OPZ  
(260) 485-9632  
Phixer(at)gmail.com

#### Secretary

Al Burke, WB9SSE  
(260) 637-1989  
Aburke55(at)comcast.net

#### Treasurer

Bob Streeter, W8ST

#### Communications Manager

Charles Ward, KC9MUT  
(260) 749-4824  
Kc9mut(at)yahoo.com

#### Directors

Steve Nardin, W9SAN  
(260) 482-4039  
W9san(at)arrl.net

Clarke Derbyshire, KG9FM  
(260) 485-6255  
Cderbyshire(at)comcast.net

Terry Bowman, K9FMX  
(260) 705-7128  
Tjb Bowman(at)frontier.com

Larry Temenoff, KB9OS

**Newsletter Editor**  
Josh Long, W9HT

FWRC Activities for 2022		
Foxhunts	Board Meetings	Club Meetings
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

## FORT WAYNE RADIO CLUB MEETING MINUTES

8 April 2022

The April meeting of the Ft. Wayne Radio Club was held at the Good Shepherd United Methodist Church (GSUMC) on 8 April, 2022.

Club President Carole Burke, WB9RUS welcomed the attendees (about 26). 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 a new-to-be ham, Jimmy Branton who was attending tonight's meeting for the first time and is actively working on earning his ticket.

Treasurer Bob Streeter, W8ST provided data regarding the current club Treasury statistics as of 8 April, 2022, to wit:

Savings-	\$1,843.21
Checking-	\$7,142.16
Vanguard Money Market	\$11,327.43
Year-To-Date Income	\$1,250.00
Year-To-Date Expenses	\$1,355.47
Club members count	146

Bob noted that the current value our liquid assets is \$20,312.80, and this of course does not include the value of our repeaters, trailer and its contents, loaner equipment and Field Day rigs, and other items in the club's inventory.

Continuing the discussion (from last month's meeting, see March meeting minutes) of the proposal to increase the limit on the expenditure of club funds (from \$150.00 to \$500.00) that can be authorized by a vote of the Board of Directors without the need for approval by club vote. There had been some concern expressed that the income reported in 2022 was \$1,250.00, a small amount compared to the possibility of spending up to \$500.00 without requiring a membership vote on such an expenditure. Bob Streeter pointed out that the total amount brought in for 2022 memberships was about \$3,100.00, a large amount of that realized in CY 2021 during the dues promotion at the Fort Wayne Hamfest. He also noted again that the current value of the club's liquid assets was \$20,312.80.

After some additional discussion regarding the \$500.00 spending limit, there was a follow-on discussion regarding establishing a "Circuit Breaker" safeguard on spending. Then the following was proposed and seconded:

The spending limit for a Board of Directors authorized expenditure will be set at no more than \$500.00 per expenditure.

If at any time the combined liquid assets of the club should fall below \$5,000.00, all expenditures by the club will cease. The cessation of expenditures will remain in

place until such time as the value of the assets again exceeds \$5,000.00.

The proposal(s) were voted on and approved unanimously by the membership in attendance.

Al Burke, WB9SSE gave a brief update on the status of FWRC repeaters. The 146.76, 146.94 (Fusion), and 444.875 machines are operating normally. The 442.99375 (D-STAR) machines is operating normally but we are about to lose our Internet connection at the Parrott Rd. site. Al Burke and Paul Prestia, KA3OPZ are experimenting with a Hot Spot wireless router that Al acquired that, along with a subscription with an economy ISP, ought to provide us with Internet connectivity at Parrott Rd. for \$10.00/month assuming their experiment is successful.

The 146.910 (Echo-Link) machine at PFW is on the air and operating with a temporary Motorola receiver-transmitter provided by Jim Pliett, K9OMA, although the Echo-Link interface is not currently active. Al and Paul had to pull the newly acquired Tait TB-8100 receiver/transmitter module and send it back to Sunny Communications so that Sunny could check the receiver front end tuning in order to track down the reason for the desense seen at 146.91 when the Tait hardware is installed. Hopefully Sunny will discover a problem with the receiver tuning and solve the problem.

Carole noted that the club is planning to conduct another Special Events Station activity during a Tin-Caps ballgame at Parkview, as we did last year. We intend to conduct the event on Sunday, June 12th, assuming the Tin-Caps can accommodate that date. That date would give us the opportunity to advertise Field Day at the Fort via an on-the-air discussion about the event by Carole with Tin-Caps play-by-play announcer Mike Maahs on ESPN-1380 during the game. Club members are encouraged to plan on attending the game, do a little operating, and enjoy a brew and a hot dog, and a little baseball.

Carole also noted that we will conduct the Spring ( Summer) Banquet on Saturday evening, June 25th at the Old Fort during Field Day. The club will as usual provide hot dogs, hamburgers, condiments (including mayonnaise, which mysteriously disappeared at last year's banquet), plates, cutlery and lemonade. Those attending should plan to carry-in other goodies of your choice (meat balls and/or deviled eggs are always a popular item) to round out the meal expertly prepared by our chef Charles Ward, KC9MUT. Mark it on your calendar, plan to try your hand at operating, and bring your appetite.

Other activities on the calendar include:

May – Steve Nardin, W9SAN will fill us in on the Club's equipment loaner program. The club has several items of test equipment and several HF and VHF/UHF trans-

ceivers available to club members for loan. Steve will describe what we have and how to acquire the use of them.

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. Note that Ron just recently suffered a stroke and heart attack, but he seems to be on the mend, and he is planning on providing his presentation in June.

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

In August we will conduct the Tailgate Hamfest in Parking Lot #3 on the PFW campus. The parking lot provides us a covered area out of any potential weather, the sun, and those pesky bumble bees prevalent that time of the year. Attendance is free as is the parking. The 10% portion of seller's sales that was normally given to the club will be donated to the PFW Science Club as a thank you for the use of the facilities. We may conduct the Club Auction, which was normally held in January, during the Tailgate Hamfest. Or we may schedule it for another date in August at Parking Lot #3. A decision is pending.

Following the business meeting we were treated to a very well prepared presentation by Ken Rogner, N8KR on the club's strategy regarding winding up the top scorer in the upcoming Indiana QSO Party contest to be held on Saturday, May 7th. The club will set up a Multi-Op/Multi-Multi facility at Larry Temenoff's QTH but some participants will conduct Single-Op as well. Ken provided detailed insight into the N1MM contest logging software that is recommended to be used during the contest as well as other information regarding the INQSO event.

The meeting adjourned about 8:15 pm.

Respectfully submitted,

*Al Burke, WB9SSE*

Secretary, Fort Wayne Radio Club

# Indiana QSO Party 2022

**May 7, 11am-11pm local time**

## ***Keeping Fort Wayne Radio Club #1***

In the past two years, 38 different Fort Wayne Radio Club members have submitted logs for the Indiana QSO Party club competition. For the past two years our club received award plaques for being the top scoring club in the state. Last year we set a new record with a score close to 930,000 points. So what does it take to hit the million mark? The answer is simple . . . your participation! You don't need to spend 12 hours on the radio but you do need to make a bunch of contacts and log them. If you have a special logging program like N1MM or N3FJP, set them up for Indiana QSO party and you're ready to go. If you log by paper, use the logging and scoring sheets included in this newsletter. Some important points:

- **EVERYBODY COUNTS: ANY ONE ANY WHERE!**
- Multipliers include Indiana Counties, US States, and Canadian Provinces: 154 SSB, 154 CW 308 total!
- There are 15 states all having their qso parties on Saturday. . . answer their "CQ's" and log 'em! (In fact, answer anyone calling CQ – **EVERYONE COUNTS**)
- Unless 40 meters is "short," expect to find Indiana Counties on 80 meters . . . especially in the evening.
- You can work the same station on different bands and different modes (You can work W9TE on 40ssb, 40cw, 20ssb, 20cw, etc.)
- County line stations can be logged as two contacts with the two counties (Log N8KR 59 INLAG/INSTE as N8KR 59 INLAG and again as N8KR 59 INSTE)
- When working the other QSO Parties for INQP points, just log their state: you work a station from Caribou County Maine (MECAR) – just log "Maine – ME" or you work a station from Clark County Nevada (NVCLA) – just log "Arizona – AZ" **Always give out Allen County, Indiana – INALL**
- **EVERYBODY COUNTS: ANY ONE, ANY WHERE!**
- People all over the world are looking for us. Consider calling CQ: "CQ *anyone anywhere for the Indiana QSO Party from your call.*" Last year 125 Indiana stations submitted their logs for our QSO Party . . . and almost 500 out of state stations submitted their logs!

Here are the qso parties happening on May 7:

**NEQP:** ME, NH, VT, MA, RI CT

**7QP:** AZ, ID, MT, NV, OR, UT, WA, WY

**INQP:** IN (Indiana)

NEED HELP or HAVE QUESTIONS? Email Ken at N8KR (at) ARRL.NET

## 2022 Indiana QSO Summary

Station Callsign \_\_\_\_\_ Station Location (county) \_\_\_\_\_

Entry Category \_\_\_\_\_ Power: High (100+) Low (100 or less) QRP (5)

QSO'sPoints

Phone (SSB) \_\_\_\_\_ x 1 = \_\_\_\_\_

CW \_\_\_\_\_ x 2 = \_\_\_\_\_

Total Combined Points \_\_\_\_\_

MULTIPLIERS

Different states/provinces worked on Phone (SSB) \_\_\_\_\_

Different states/provinces worked on CW \_\_\_\_\_

Different Indiana counties worked on Phone (SSB) \_\_\_\_\_

Different Indiana counties worked on CW \_\_\_\_\_

**Total Multipliers** \_\_\_\_\_

Multiply Total Points times Total Multipliers =

TOTAL SCORE

*I hereby certify that I have complied with the posted rules of the 2022 Indiana QSO Party and that the information submitted is correct to the best of my knowledge.*

\_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City/State: \_\_\_\_\_

Club Affiliation: **Fort Wayne Radio Club**

# 2022 Indiana QSO Party

(Fort Wayne Radio Club Member)

Page \_\_\_\_

Name	County	Callsign	Date

[illegible]

Mark May 7th on your calendar for our state's biggest ham radio event! The Indiana QSO Party puts our state's hams on the air with the New England QSO Party, the Delaware QSO Party, and the 7<sup>th</sup> Area QSO party (WA, OR, NV, ID, MT, WY, AZ, & UT states), so lots and lots of activity and others looking for contacts, anyone anywhere!

We currently have two stations planned at the QTH of Larry, KB9OS, one for CW and one for SSB, but adding more to cover more bands at the same time is allowable, so we are looking for everyone who would like to operate.

Please contact me and let me know if you are interested at: w9san (at) yahoo.com

Remember, we have enough operators that are Extra Class, so even if you are a Technician, you can get on the HF main bands (160, 80, 40, 20, 15, & 10) and run anywhere in the band! So, if you just got your license, come on out and help us operate and see what it is like to have an Extra license!!

There will be an on the air planning meeting announced shortly for next week. Set up of the stations will be on Friday afternoon, May 6th.

Larry says he has typically S-1 noise levels, so this should be sweet operating!

We will be using last year's Field Day interstation interference rules and good separation to keep problems to a minimum!

C U there!

*73, Steve, W9SAN*

# INDIANA QSO PARTY

MULTI  
MULTI

Hosted by

# FORT WAYNE RADIO CLUB & KB9OS

## Date

May 7, 2022

## Location

4415 W. Wallen Rd.,  
Fort Wayne

## Time

Late morning  
until ?

## RSVP

KB9OS, K9FMX, or  
W9SAN on 146.76- or  
146.91- or ☐

# Tuning Up

## INQP and its Record Holders

In honor of the upcoming INQP (go FWRC!), it seems appropriate to dive into a little bit of trivia attached to the Indiana Qso Party – better known as the INQP. In particular, it's interesting to note some of the current records for top scores, greatest number of contacts, etc. that are listed for the INQP.

### Some History:

According to the INQP website (hosted by INQP sponsor HDXCC – the Hoosier DX and Contest Club), the INQP was originally sponsored by Land O Lakes Radio Club, with the HDXCC volunteering to run the contest starting in 2002. This means that 2022 marks the 20<sup>th</sup> anniversary of the HDXCC-sponsored INQP – quite a landmark if I do say so myself! The fact that the INQP actually existed before 2002 makes the INQP actually older than the New England Qso Party (NEQP), which first started in 2002.

One other tidbit of trivia that is important to recognize is that the INQP, at least back in the early 2000s, didn't have as many entry categories or award

plaques as we have today. In 2002, categories (for both in-state and out-of-state) consisted of the following: Single-op (High Power, Low Power, and Qrp), a Mobile category, and a Multi-op category. The number of entrants, total, for just the Low Power category was 30 (including out-of-state stations). By 2021, the number of Low Power stations increased to 60+ entrants **just from in-state stations!** The INQP has truly become a fixture of the contest calendar.

### What Records currently stand?

With the above history in mind, the INQP website contains a surprisingly detailed listing of scores and call signs from past INQP's, with records existing all

the way back to that first HDXCC-sponsored event in 2002. Considering the amount of time and work it takes to keep a website updated and running, this is a considerable achievement. The INQP website is organized such that records of top-scores are all located on one page, the "scores" tab on the INQP main website. Let's highlight a few of the top-records that currently exist.

First up, we have the record score for the Single-op, High Power category. This record score was set by KE9I in 2003, with a total score of 298,374 points. This score was set from Pulaski County, Indiana, which is not one of the more common counties in the INQP. Interesting enough, according to qrz.com, KE9I now lives in Illinois, so it's unlikely we'll see station KE9I

## Record Scores 2002 - 2021

Updated Sunday, June 6th, 2021 14:02 EDT

Category Records <sup>1</sup>			
Indiana Stations			
Category	Call	Year	Score
SINGLE-OP HIGH	KE9I	2003	298,374
SINGLE-OP LOW	N9RD	2020	183,414
SINGLE-OP QRP	K4NAX	2015	60,634
MOBILE	K8MR	2005	206,198
PORTABLE <sup>2</sup>	N9FN	2014	433,250
ROVER <sup>3</sup>	WN9O	2010	310,871
MULTI-OP	WN9O	2005	226,472
MULTI-MULTI <sup>4</sup>	W9I	2013	415,864
Club Competition <sup>5</sup>	Fort Wayne Radio Club	2021	934,620
Out of State			
Category	Call	Year	Score
SINGLE-OP HIGH	N8II	2010	53,207
SINGLE-OP LOW	WA3HAE	2012	58,000
SINGLE-OP QRP	KK8I	2005	55,202
MOBILE	W9MSE	2002	2,088
MULTI-OP	AD1C	2003	23,452
MULTI-MULTI	N3DPB	2019	18,360

<sup>1</sup>Three and Four county corner operations disallowed since 2006.

<sup>2</sup>Portable category established 2004.

<sup>3</sup>Rover category established 2010.

<sup>4</sup>Multi-Multi established 2011.

<sup>5</sup>Club Competition established 2007.

*A view of some of the records on the INQP website.*

participate as an in-state station for INQP.

Another record to note was that set by K8MR in the Mobile category. In 2005, K8MR turned in a whopping 206,198 points. What makes this score so amazing is the fact that stations who enter in the "Mobile" category must use antennas that are vehicle mounted. This means that any antenna(s) used by K8MR had to be something small enough to be able to fit on his vehicle, such as a hamstick or screwdriver antenna. And yet, even with such a limited set up, K8MR managed to turn in a record-breaking score that dwarfs most of the top scores from both the Single-op High Power and Single-op

Low Power categories.

Speaking of 2005, a different record was set in that year that still stands today – the Multi-op category record score. This score was set by station WN9O with a score of 226,472 points. The biggest difference between the Multi-Op and the Multi-Multi category is that in the Multi-Op category, one station is used for the entire INQP, whereas in the Multi-Multi category, any number of stations may be used. Looking up WN9O on qrz.com, one can see how such a score could be achieved (quite an impressive set up!). Even so, a score of that magnitude requires more operator skill than equipment, so hats off to the WN9O

crew for a fantastic score!

The records listed above are just a few of the many scores currently recorded. Record-breaking scores as recently as last year have gone into the history books, such as the tremendous FWRC effort in the Club Competition category of 934,000+ points, or the Single-op Low Power record set by N9RD in 2020 with 183,000+ points. Even so, some records have stood the test of time, with records lasting almost 20 years in some categories.

History has inevitably shown that almost all records or scores will eventually be broken. Is 2022 the year a new record will be set? Only time will tell, and that time is just one week away.

*73 de Jim AC9EZ*

#### CLUB COMPETITION

Fort Wayne Radio Club (21 logs) AC9EZ WB9NOO KU8T W9SA KR9U KC8ZH KB9OZI KC9UR AC9XS W9GT K9FMX W9SAN WA9BBN K9EA KD9GDY K9BLI N8KR W9KMH W9HT N9HZH W8HOM K9FW	934620
Lafayette DX Association (5 logs) K9ELF K9WX N9FN W9TN N9LJX KF9UP K9FN	327804
Goshen Amateur Radio Club (3 logs) WT9U K9WPV AA9DL	268126
Indianapolis Radio Club (5 logs) KJ9B KJ9Z K9RU W9TC W9MGB W9CO	126990
Indiana University Amateur Radio Club (1 logs) K7JOE N9VKU KD9GTU KD9DAB KB9YOJ WB0SND WB9TLH KD9MQU N9OIU N9TMP KC9ZMA KD9KHC W9YW	125105
Dillman's Amateur Radio Experimenters (5 logs) W9CC WB9CIF KO9F AK9R AE8M	42320
NorthWest Indiana DX Club (5 logs) N9ID K9KJ KC8PKY KC9OYE N9RD	35877
Patoka Valley Amateur Radio Club (3 logs) K9RBH KA9GDW N9NAU	22569
Clark County Amateur Radio Club (3 logs) KB9VMW KD9LHF N9DPR K5QO	19853
Tri-State Amateur Radio Society (4 logs) WB9YIG W9OG K9PNP N9QVQ	15576
Mid-State Amateur Radio Club (4 logs) W8ISH WC9G KB9JMU K9ICP	12554
Northeastern Indiana Amateur Radio Association (4 logs) KB9QG DENNIS BRINK KD9OKC KK9EJ	3661



# State of the Arts

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN



Hello everyone!

Our last board meeting was on April 12th. We went over some details for the upcoming hamfest. We also talked about having virtual meetings for board meetings and general meetings using Teams, Skype, or Zoom. With the rising fuel prices and tight schedules, some of us have thought that this might help bring up the meeting attendance. Our May meeting will be the first run of using virtual meetings. 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 19<sup>th</sup> of April 2022; we had a very small group that attended. We talked more about doing virtual meetings.

Our next general meeting (5/17) will be held virtually. Kevin KB9RLW will be joining us for a Q&A. If you would like to have a dry run to make sure your computer is working right for virtual meetings or if you would like an invitation to the May meeting, just email me at w9tsb (at) outlook.com.

Thank you, all!

*Chris McCullough, W9TSB*

(P.S. from the editor. Watch for the results of the FM Simplex Contest in next month's edition.)

## ACARTS Officers 2022

### President

Chris McCullough W9TSB  
260-312-2750  
kd9lrw(at)gmail.com

### Vice President

Jim Boyer KB9IH  
260-489-6700  
kb9ih(at)arrl.net

### Secretary (open)

### Treasurer

Howard Pletcher N9ADS  
260-747-5252  
n9ads(at)arrl.net

### Station Manager

Jim Sampiere KD9NPL  
260-999-8132  
Kd9npl(at)gmail.com

### Fundraising Manager

Fred Gengnagel KC9EZP  
260-704-7801  
kc9ezp(at)gmail.com

### Directors at Large

Bob Erb N9PWM  
260-466-7772  
roberterb(at)hotmail.com

Steve Shannon K9SKS  
260-704-5353  
k9sks(at)aol.com

Dan Dahms N9NWH  
260-503-4163  
n9nwh(at)arrl.net

### W9INX Trustee

Dave Lindquist W9LKH  
260-485-6135  
w9lkh(at)comcast.net

## Finding Treasures in the Garage

By Carl Luetzelschwab, K9LA

What do you do on a nice warm day in Spring? For me, it was time to do some clean-up in the garage – specifically on the radio workbench and the very old TV cabinet that has collected many items over the years. Here are some good treasures that I found.

**Hy-Gain BN-86 Balun** – This is a 1:1 balun that handles 2 kW PEP. The spec sheet says it covers 3-30 MHz, but my measurement of it with a 50 ohm load indicates it should be usable down to 1.8 MHz. Take that with caution, though, as I don't know if over-heating could be a problem when used on topband. This balun is headed to a local ham.

**W2DU Beam Balun** – The label on this item says it covers 10-40m, and the name suggests it's to be used with beam (Yagi) antennas. The label doesn't specify the impedance ratio, so I measured it with a 50 ohm load and a 200 ohm load. It's a 1:1 balun. And it measured a low SWR from 160-10m. I don't know what I'll do with this item – save it for a rainy day, I guess.

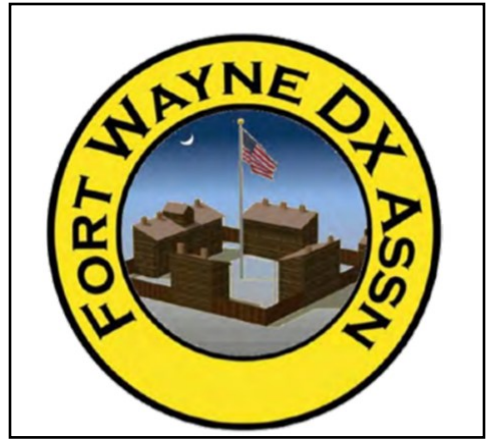
**115 VAC Fan** – This is made by COMAIR-ROTRON. It delivers 20 CFM. I am going to mount this on my vintage Hallicrafters HA-1 T.O. Keyer. This electronic keyer uses four tubes and is in a 7" wide by 5" high by 7" deep metal enclosure. It gets hot, and I've noticed that the dot-to-dash ratio changes a bit as it gets hotter. The fan should resolve this issue.

**Mini SWR Meter** – This is a Calrad 65-287 dual meter SWR bridge. The data sheet doesn't list a maximum power. My plan

is to use it with my homebrew QRP (250 milliwatts) 10m side-band transceiver. With Cycle 25 ascending, this transceiver will again offer lots of fun in a small package. See the accompanying image of this SWR meter on the 10m transceiver.

**Ameritron RCS-4 Remote Antenna Switch** – I have to admit that I completely forgot about this item. It remotely switches between four antennas. It had a broken UHF connector on the box that mounts at the tower (how that broke is a story for another day). I was in the mood to fix it, and I completed the repair in a couple hours (had to pretty much disassemble the entire unit to replace the UHF connector). Now I have a third remote antenna switch. I guess that means I need another tower with antennas on it. I am working on that.

I also found many little items: two center insulator assemblies for dipoles/inverted-vees, some interesting variable capacitors with gear-reduction drives, a four-foot collapsible



whip antenna (hmmm, something for a portable rig), a box of little relays, a box of crystals and other stuff.

These finds could keep me very busy this summer.





**April 2022**



The FWRC April 2022 Fox Hunt got underway on time on April 3<sup>rd</sup>, a Sunday with cool breezes and mostly overcast. At the starting point were two teams: Charles, KC9MUT, and the Burke/Pliett team consisting of K9OMA, WB9SSE, WB9RUS, & KA9YYI. When 1:30 pm rolled around, the Fox team of W9LAN & W9SAN began transmitting. The Foxes had chosen the Youth League ball park complex located in the little town of Woodburn in eastern Allen County. Linda and Steve were using this opportunity to test out their new Fox Hunting antenna, a Diamond 10 element two meter beam on the roof of their trusty Honda Odyssey.

With 25 watts to the yagi, signals were a little light at the starting point near the center of Allen County. One issue was pointing the antenna at the start location and the narrow beam of the new yagi. This antenna is one that any ham with a need for a light weight, easily portable 2 meter beam should consider. It can be assembled and

taken down without need for any tools, plus it is light and could work fine for any portable or SO-TA type activity, as well as Fox Hunting, or using for SSB or FM as polarization is easy to change. SWR is almost flat across the entire 2 meter band, never going above 2.0 to 1.0.

As the minutes progressed, we dropped power on the main fox from 25 watts, down to 10 watts, and finally down to 5. After about 45 minutes, we noticed Charles' truck going down a nearby street, so we knew we were finally localized. The other team was not having good luck with trains and got held up for a while, and showed up roughly 15 minutes later.

The micro fox was hidden underneath an aluminum dugout bench, and the metal surrounding it was a very effective attenuator. In fact, it was so good you needed to be within 25 feet to hear the fundamental frequency and the third harmonic frequency was pretty much undetectable! While this was all playing out, early baseball parents and their children were mostly ignoring us and teaching baseball fundamentals. We were told that by next week, the park would be full of games going on, so we chose wisely!



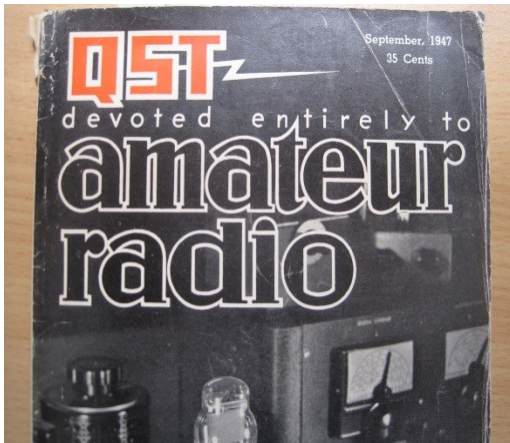


At the conclusion of the hunt, we had Charles as the first to find, followed by Jim and Al. Getting down on all fours to find the Fox underneath the bench was a minor challenge, and required some rather uncomplimentary contortions! Afterwards, the hunter teams heading to Rack and Helen's eatery in New Haven for tall tales comfy seats.

The next Fox Hunt is this coming May 1<sup>st</sup>, so plan on having some fun in the (hopefully) warmer weather.



HUNTER	APRIL 2022 SCORE	YTD SCORE
WB9RUS	1	2
WB9SSE	1	2
K9OMA	1	1
KA9YYI	1	1
W9SAN	1	3
W9LAN	1	3
ALEX	0	3
KC9MUT	3	8
WD9TST	0	2
WD9TTK	0	2
WD9TTL	0	2
IAN	0	2



## Who Stole the Generator?

By N8KR with documentation provided by WA9BBN

Ed stopped by the other day with an old QST: September 1947 to be exact! In perusing this old magazine, Ed discovered that the Central Division Communications Manager lived in New Haven: Ted Clifton-W9SWH (later W9TC). In further reading, Ed happened upon the Central Division section report.

In doing some research on Ted Clifton, I discovered that he was past president and vice-president of the Fort Wayne Radio Club. He also served as the trustee of the club station. Ted passed away in December of 2006. Was this mystery ever solved?

Section Communications Managers of the ARRL Communications Department			
<b>Reports Invited.</b> All amateurs, especially League members, are invited to report station activities on the first of each month (for preceding month) direct to the SCM, the administrative ARRL official elected by members in each Section. Radio Club reports are also desired by SCMs for inclusion in QST. All ARRL Field Organization appointments are now available to League members. These include ORS, OES, OPS, CO, and ORS. Also, where vacancies exist SCMs desire applications for SEC, EC, RM, and PAM. In addition to station and leadership appointments for Members, all amateurs are invited to join the ARRL Emergency Corps (ask for Form 7).			
Eastern Pennsylvania Maryland-Delaware-D.C. Southern New Jersey Western New York Western Pennsylvania	W3BES W3BWT W2OXN W1UHF W3KWL	<b>ATLANTIC DIVISION</b> Jerry Mathis Eugene W. Darne George W. Tunnell Charles J. Orero Ernest J. Hlinaky	623 Crescent Ave. 132 Tennessee Ave., N.E. 22 Wyoming Ave. 4158 Ridge Road, West 309 Beechwood Ave.
Illinois Indiana Missouri	W9AND W9SWH W9ROM	<b>CENTRAL DIVISION</b> Wesley E. Marriner Ted K. Clifton Reno W. Goetsch	624 College Ave. 530 Elben St. 929 S. 7th Ave.
North Dakota South Dakota Minnesota	W8GZD W8QVY W8CWB	<b>DAKOTA DIVISION</b> Paul M. Rossetti P. H. Schultz Walter G. Haackamp	204 Polk St. 118 N. Yankton Ave. 116 3rd Ave., S.W.
Arkansas Louisiana Mississippi Tennessee	W5TIC W5VT W5IGW W4FLS	<b>DELTA DIVISION</b> Marshall Riggs W. J. Wilkinson, Jr. Harold Day James W. Watkins	4405 Howell Ave. Room 313, Jefferson Hotel Route 1, Box 111 220 North Howell St.
Kentucky Michigan	W5IEZ/4 W8SCW	<b>GREAT LAKES DIVISION</b> Joseph P. Colvin Joseph R. Bellan, Jr.	1653 Beechwood Ave. 14055 Fuller Ave.
			Glenside Gardens Washington 2, D. C. Audubon Spencerport Farrell Dixon New Haven Wassau Grand Forks Pierre Crosby Fort Smith Shreveport Greenville Chattanooga 4 Louisville 4 Berea

ent graduates of Penn. State are WVN, MTF, and MAB. One Romeo who prefers YLs to P. LIN says his new VFO is FB on 3.5 Mc. UW to another QTH. IWH and NUG paid TVA a ZHB and SDIP QTH is in Lewistown, Mich. ted in QSOing his W. Pa. pals on 7250 kc. each XQ got his Asian card for WAC. KQD needs Delaware for WAS. My sincere apologies if I any individual in this column. All late reports d over to the following month. This is your m, so keep the news coming. All club secretar- to send activity reports on their respective W3YA 95, RAT 18, AER 8, NCJ 2.

### CENTRAL DIVISION

-SCM, Wesley E. Marriner, W9AND — e gang are off the air at this time. Some who are: HON, who also is moving to Western

tee chairman of the TARS, is our newest EC. John has as-  
sured us that the Ohio River boys will be well represented on  
the nets this fall. The Fort Wayne Radio Club had a 350-  
watt a.c. generator stolen within one hour after the start of  
Field Day activities. Traffic: W9NH 36, BKJ 21, TT 17,  
EGQ 6, EGV 4, QLW 4, BKH 3, RJY 1, SWH 1, YDA 1.

WISCONSIN — SCM, Reno W. Goetsch, W9RQM — LFK handled less traffic this month because of QRN and rebuilding. CIH schedules J7AAA (W9YMY) daily. MUM reports considerable interest in Eau Claire in forming a local club. YCV and DTE are active in State net. MSJ is active on 3.85 Mc. SBY will be on 28 Mc. with a kw. soon. GYQ is doing FB with his mobile rig. IVE is chief operator at WNAM, Neenah. OUT has B.C.I. trouble. EWC feels fine after recovery from a recent operation. A swell time and FB results in Field Day operation are reported by club groups participating at Madison, LaCrosse, Manitowoc, Racine, and Wausau. FTG moved to Sauk City. AWO does an FB





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** AUBURN CORD DUESENBERG Museum

View an amazing collection of classic motor vehicles.

**FREE** Parking

Supervised by the DeKalb County ARES Team.

**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](http://www.w9ou.org)

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

**Contact: [W9OU@ARRL.NET](mailto: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!***



## HALLICRAFTERS SX-101A

### \$100 OR BEST OFFER

THE RADIO RECEIVES AND IS IN VERY GOOD  
CONDITION. CIRCA 1960. PLEASE CONTACT  
TERRY K9FMX AT 260-705-7128.

for  
Sale

# SALE

## HALLICRAFTERS S-40A \$45 OR BEST OFFER

---

THE RADIO HAS A FEW ISSUES, BUT IS FUN TO  
PLAY WITH. PLEASE CONTACT TERRY K9FMX AT  
260-705-7128.





# FREE

Very nice (beautiful) Zenith Transoceanic H-500 1950's Shortwave Radio FREE! It does not turn on but is complete and in very good condition. Great project. Contact Ken at N8KR (at) ARRL.NET



# Free

## Free



ANOTHER Zenith Transoceanic H-500 Shortwave radio from the 1950's. This one is almost as clean as the previous listing, it does power up but just AC hum so it, too, needs work. Everything is there in good shape. FREE FREE from N8KR (at) ARRL.NET.

Also available free is an identical parts radio for the H-500. It's dirty but appears to be complete.

# FREE



# FREE



**Another shortwave radio, partially working, available FREE! This is a Hallicrafters s-72 4 band radio. It is complete in pretty decent condition. A great project radio. N8KR (at) ARRL.NET**

**Note: all three (4) radios listed here for free were from a very large estate of a former Heathkit Engineer. After selling and shipping nearly 30 old radios from his estate, I'm down to a handful and ready to call it quits! The Zenith and Hallicrafters have value and great potential!**

# Free



B&W Audio Oscillator - appears to be working. Free to anyone. N8KR (at) ARRL.NET



Kenwood TS-590S HF transceiver for sale. The radio is in very good condition. The USB port is not operational--otherwise, the radio works well. Includes the hand microphone, power cord, manual, and original boxes. \$550. Contact the editor at [drjoshlong \(at\) gmail.com](mailto:drjoshlong@gmail.com).

**KENWOOD**

# FOR SALE



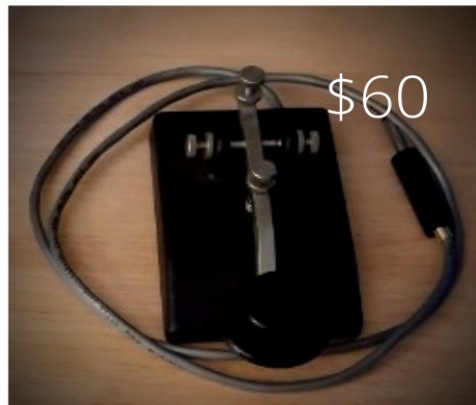
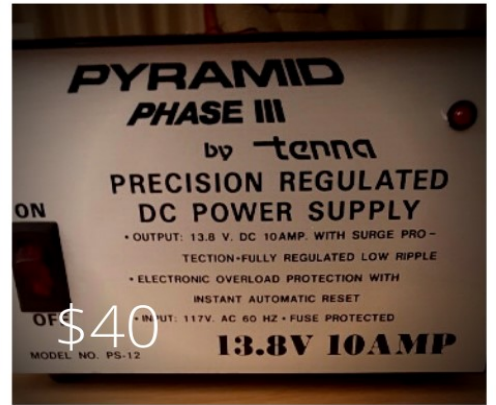
## YAESU VX-170 2M HT \$65

The radio is in nice condition, works well, and includes the manual, drop-in charger, antenna, belt clip, and everything else in the picture.

**CONTACT THE EDITOR AT  
DRJOSHLONG (AT) GMAIL.COM**



**FOR SALE**



If you are interested in one or all items, please contact Terry K9FMX at 260-705-7128 to make an offer.



### **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



- 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

# SELECTED CONTESTS MAY 2022

Key:

<b>7-8</b> ARI International DX Contest, 1200Z, May 7 to 1200Z, May 8	<b>7-8</b> Delaware QSO Party, 1700Z, May 7 to 2359Z, May 8	<b>21-22</b> Arkansas QSO Party, 1400Z, May 21 to 0200Z, May 22	<b>Date</b> <b>Event</b> <b>Dates/Times</b>
<b>7-8</b> SKCC Weekend Sprintathon, 1200Z, May 7 to 1159Z, May 8	<b>7-8</b> New England QSO Party, 2000Z, May 7 to 0500Z, May 8 and 1300Z-2400Z, May 8	<b>25</b> SKCC Sprint, 0000Z-0200Z, May 25	
<b>7-8</b> 7th Call Area QSO Party, 1200Z, May 7 to 2400Z, May 8	<b>14-15</b> CQ-M International DX Contest, 1200Z, May 14 to 1159Z, May 15	<b>28-29</b> CQ WW WPX Contest, CW, 0000Z, May 28 to 2359Z, May 29	
<b>7-8</b> Indiana QSO Party, 1500Z, May 7 to 0300Z, May 8	<b>21-22</b> His Maj. King of Spain Contest, CW 1200Z, May 21 to 1200Z, May 22		

*This information comes from the WA7BNM Contest Calendar at [contestcalendar.com](http://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	3.912	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	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. <b>Any changes or corrections should be submitted to the newsletter editor at drjoshlong (at) gmail.com.</b> 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: <a href="http://www.inarri.org/index.php/public-service/indiana-nts">http://www.inarri.org/index.php/public-service/indiana-nts</a>					

Area Repeaters (updated as of 5/1/22)							
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 FM / C4FM	W9TE	444.8750	+5 MHz	141.3	W9TE
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 <sup>1</sup>	\$35.00 / year
Student membership <sup>2</sup>	\$5.00 / year
Associate membership <sup>3</sup>	\$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 <sup>1</sup>	\$6.00 / year
Student membership <sup>2</sup>	\$6.00 / year
Associate membership <sup>3</sup>	\$6.00 / year

(New regular memberships are \$1.00/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**

**FRIDAY, SATURDAY, AND SUNDAY!**

**COME AND HAVE A BLAST!**