

Allen County HamNews

Fort Wayne Radio Club Fort Wayne DX Association

Allen County Amateur Radio Technical Society

September 2021

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Issue 9



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And more!

Ramblings from the Editor

Where did August go? Is it already September?

A few ramblings and highlights of this edition follow:

- The cover includes some artwork for the upcoming Auburn Cord Duesenberg Festival. To commemorate this annual festival, the Auburn Radio Club is sponsoring a **special event station and an accompanying certificate**. This certificate would look great on the wall of your ham shack.
- This past weekend I went to the Peru, IN hamfest. After scouting out the bargains for a bit, I did find a few small items, including a worn Icom IC-W32A 2m/70cm handheld radio from +/- 20 years ago for \$10. Such a deal! I need to get a few replacement parts, but I think I can restore it to an acceptable condition. Speaking of hamfests, be sure to check out the flyer for the **Findlay hamfest!**
- Joseph, K9RFZ shared information for the upcoming **Safety Fair** in Fort Wayne. Additional information is located later in this edition.
- The Fort Wayne Radio Club has a **new QSL card** that members can also order for their personal use.
- Thank you to the ACARTS for hosting their annual BBQ picnic!
- The Fort Wayne DX Association is hosting a meeting that includes a **presentation by Bob Heil, K9EID**.

Have a good month, work a special event station, along with a bunch of DX stations!

73,

Josh, W9HT



ALLEN COUNTY HAMNEWS

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

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

FOR ANY QUESTIONS, PLEASE CONTACT THE NEWSLETTER EDITOR.

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

Special Event Station K9A

The Northeastern Indiana Amateur Radio Association (W9OU) is proud to participate in the Auburn Cord Duesenberg Festival by having a special event station, K9A, to inform the amateur community about Classics and Art in the Automobile Industry from its early years for the 66th Annual Auburn, Cord, Duesenberg Festival.

Dates

August 28, 2021 0000z to
September 8, 2021 0000z

Frequencies

SSB: 7225 +/-

CW

FT8: 14.074

QSL/Certificate Information

For a QSL card only:

Please send your card and a SASE.

For a Certificate (as seen below) and QSL Card:

Please send your card and

\$4.00 USA – We will furnish certificate, QSL card, envelope, and postage.

The mailing address for this special event station is:

K9A

C/O Northeastern Indiana ARA

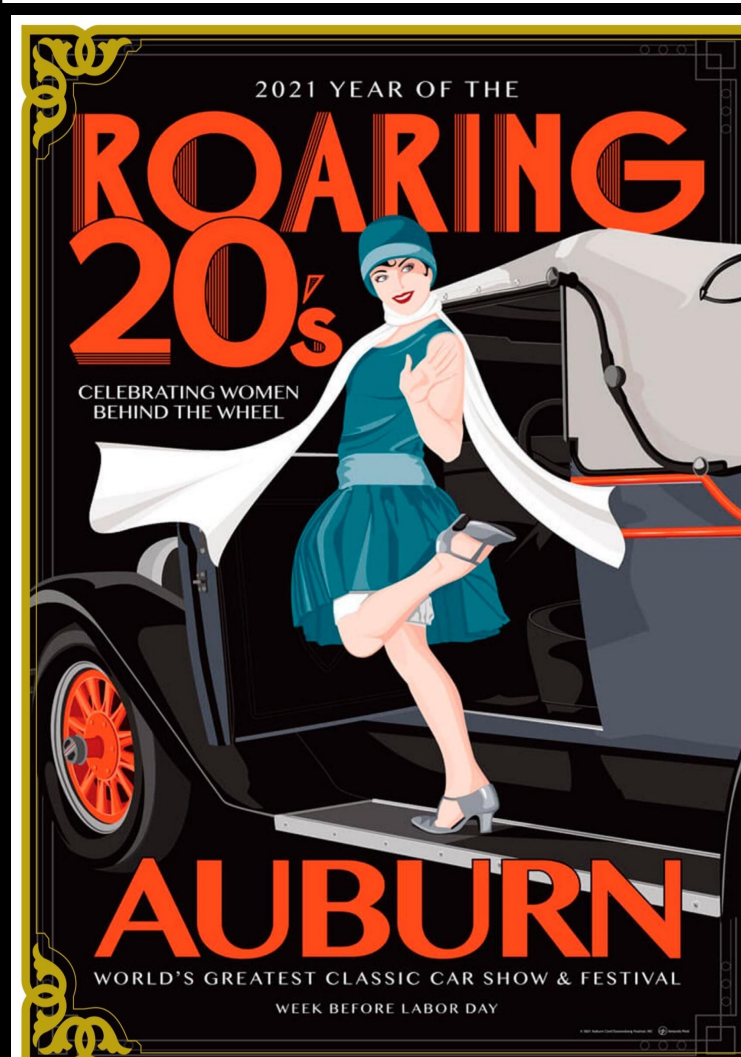
P. O. Box 145

Auburn, IN 46706-0145

Thank you for your participation.

73,

W9OU



*Certificate of Award
to amateur radio station
<insert ham call here>
in recognition of contact with
Special Event Station*



*for the
Auburn Cord Duesenberg
Festival*

“Auburn Indiana— Where the Auburn, Cord and Duesenberg cars were built.”



Proudly presents the



13th Annual



SATURDAY, SEPTEMBER 25, 2021
10 AM - 1 PM
Public Safety Academy: IVY Tech
Community College FW South Campus
7602 Patriot Crossing, Fort Wayne, IN 46816
Behind WalMart and Menards

- SAFETY VILLAGE WITH FWFD AND FWPD • TOUR LUTHERAN AIR HELICOPTER
• HOW TO PROGRAM YOUR WEATHER RADIO • PREMIER MARTIAL ARTS AND MUCH MORE!

Follow us on Facebook! @AllenCountySafetyFair



Allen County Safety Fair

Sept 25, 2021 10am – 1pm

(Behind Former Southtown Mall)

FREE ADMISSION

Children's Safety Village
Lutheran Hospital Helicopter
Fire Truck & Ambulance Tours



Follow Dotted Path to Parking

Ham splatter

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



Carole's Corner for September 2021

Hello all. September is arriving this week. We held our tailgate hamfest in August and it turned out well. I think a lot of equipment changed hands and fortunately, none of it ended coming home with us.

I hope a lot of you went to the Peru Hamfest August 28. We couldn't make it because of a IU-Kokomo women's soccer game that day. Our granddaughter is the starting goalie, and granddaughters come first.

I want to thank our V.P. Paul, KC3OZP for providing a very informative program on D-Star at the August meeting. I'm sure there is more to learn from him on the subject, so I think he can be persuaded into doing it again, especially if any more questions bubble up.

The Board of Directors has been discussing the possibility of a dues increase should we want to again make use the Good Shepherd United Methodist church as our meeting venue. GSUMC is now requiring a rental fee of \$50.00/meeting for the use of a classroom; \$100.00/meeting for the use of the (large) Roush Hall. Once all of the details are determined it will be briefed to the general membership and likely voted upon.

Our general club meeting in September will be held at the Dupont

Branch of the Allen County Public Library, (536 E. Dupont Rd.). It starts promptly at 6:00 pm on Tuesday, September 14th. Free parking is readily available and this venue is easily accessible from I-69. Since elections will occur in October, we need to develop a slate of folks willing to run for club Officer and Director positions. I would like to see a lot of names of people willing to run.

Aside from the monthly meeting, there will be a Board of Directors meeting (Tuesday, 7 September) the week before, and since Al and I are hosting the meetings at our home, I typically make a dessert for the meeting. Any club member is welcome to attend. Just let me know in advance (wb9rus (at) comcast.com or 260-637-1989) if you plan to attend.

73,

Carole, WB9RUS

Upcoming FWRC Meetings
6pm
Allen County Library, Dupont Rd. Branch
9/14
10/13
11/17

FWRC Officers 2021
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
Bill Hopkins, K9WEH
Stuart Hall, KD9LFW
Newsletter Editor Josh Long, W9HT

FORT WAYNE RADIO CLUB MEETING MINUTES

18 August 2021

The August meeting of the Ft. Wayne Radio Club was held at the Allen County Public Library (downtown) on 18 August, 2021. We made use of meeting room A which provides room for about 35 people in a Corona virus compliant environment.

Starting with the September club meeting the location has been changed to the **Allen County Public Library-Dupont Branch**, 536 E Dupont Rd, (near the corner of Dupont and Coldwater Roads). The meeting will occur on Tuesday 14 September starting at 6:00 pm. Plenty of parking is available. We have follow-on meeting scheduled at the Dupont location for 13 October and 17 November.

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

Treasurer Bob Streeter, W8ST provided the current club Treasury statistics as of 18 August, 2021, to wit:

Savings-	\$1,841.82
Checking-	\$5,315.21
Vanguard Money Market	\$11,325.93
Cash-on-Hand	\$0.00
Year-To-Date Income	\$2,652.00
Year-To-Date Expenses	\$1,616.88

Club members count 131

Carole gave a report on the clubs Special Event activity, which celebrated the clubs 101th year, at Parkview Field during the Ft. Wayne Tin-Caps, Dayton Dragons baseball game on 25 August. We operated on 40 meters cw and phone from the stadium during the game, and had 50 station QSO's. A special W9TE QSL card is being prepared to send to all fifty contacts. In addition, Carole was interviewed by the Tin-Caps play-by-play personality, Mike Maahs, on ESPN radio 1380 AM during the third inning. So some P.R. about the FWRC, and ham radio in general was broadcast to Mike's listening audience.

Carole reported that the Tailgate Hamfest would occur on Friday, 20 August. The venue has been changed from the Salem United Methodist Church parking lot to Parking Garage #3 on the Purdue-Ft. Wayne campus, on Level 2. Set up would begin at 5:30 pm.

Carole noted that although we have reserved the Dupont Branch for the September, October and November club meetings, we are continuing to explore alternative meeting venues, and one of these is the Salem United Methodist Church, our former meeting place before the virus shut everything down. The church is again allowing outside groups into their facility, but is now charging \$50.00 per meeting for use of one of their small classrooms, \$100.00 per meeting for the large meeting room (Roush Hall), and is charging \$50.00 for any use of the kitchen. We recognize that the church facility is an ideal venue. If we were to use the church for ten regular club

meetings (excluding the Spring and Christmas banquets), it would represent an additional expense of \$500.00 in our budget, a not insignificant amount of money. However, if we were to increase the yearly club dues by \$5.00 (from the current \$20.00 per year to \$25.00 per year) we would essentially have the additional expense covered (considering we currently have 123 paid members). The Board of Directors is mulling all of these (meeting place) considerations over, and may put a dues increase proposition before the club membership for a vote.

Following the business meeting club Vice President Paul Prestia, KA3OPZ provided those in attendance with an informative description of how to become registered in the D-STAR database, and provided some insight on how to set up one's D-STAR capable radio so that one can communicate using this digital technology. Paul's presentation was the result of several requests from D-STAR newbie's wanting to get started using their new (D-STAR) acquisitions.

The meeting adjourned at 7:10 pm.

Respectfully submitted,

Al Burke, WB9SSE

Secretary, Fort Wayne Radio Club

New W9TE QSL Card Get Yours Today!

Would you like to have an official FWRC 100th anniversary QSL with your call letters? Of course!

Here is an image of the FWRC W9TE card:

want included (Like SKCC; FISTS; YLRL; POTA; etc.) you can ask to include that information.

STEP THREE:

You will need to supply Randy with your call of course, but also all address info as well. I would include grid squares and county

This is from the website <https://www.kb3ifhqslicards.com/>

At some future club meeting, bring you card to show off!

Best regards,

Steve Nardin, W9SAN



Your card can be identical, but with your call letters in place of 'W9TE', and with or without the FWRC reference, as you choose. Here is how you do it:

STEP ONE:

The cards are made by Randy at KB3IFH QSL Cards. Before you email Randy, check out the options on his website for the rear of the card. You can find them at the following link: <https://www.kb3ifhqslicards.com/qsl-backs>

STEP TWO:

The FWRC cards were originally made with back style number one and background number nine (US Flag). You can specify these too, or you can pick any combination of the back option and background you like. You can also work with Randy for any special features you would like. If you have any organizations that you

as many people are looking for this specific info on your card

STEP FOUR:

Once you have gathered the necessary information for your cards, email all of it to Randy at [KB3IFH \(at\) YAHOO.COM](mailto:KB3IFH@YAHOO.COM) and ask for the Fort Wayne Radio Club centennial QSL card design. Supply the information on the back option and background, plus the info just discussed. He will send you a proof of the card for you to approve before ordering the cards.

The QSL are printed on top quality paper and will be post card quality. Here are the quantities and costs:



100 Cards	- \$50 + \$11 Shipping
250 cards	- \$70 + \$11.00 Shipping
500 cards	- \$85 + \$11.00 Shipping
1000 cards	- \$110 + \$11.00 Shipping



2021 Tailgate Hamfest Photos



Couldn't make it to the annual tailgate hamfest? Save the dates for the annual Fort Wayne Hamfest! See page 13 for more information.

State of the Arts

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN

ACARTS President's Message for September 2021



With the current surge in COVID-19 cases, ACARTS has not planned a September general meeting.

There will be a board meeting on Tuesday, September 14th, at 7:00 p.m. at the Salvation Army. We all thought that everything would be back to normal by September, and we would be able to hold a regular, unrestricted meeting. That was not the case, so we can hope for October.

The ACARTS Picnic was a great success. It was held on Saturday, August 7th, at Jefferson Township Park, with about 45 members and guests of ACARTS, the Fort Wayne Radio Club, and the Fort Wayne DX Association attending. The weather forecast was calling for a chance of rain and isolated thunder storms all day and evening. It rained in the morning but cleared up in the afternoon, making a great day for a picnic. There was a brief downpour around 6:40 p.m. Everyone had pretty much finished eating by then and continued with their conversations during the rain. There was no wind blowing rain into the pavilion, so no one was bothered.

Everyone had a great time enjoying plenty of good food and conversations with old and new friends, with the last of the group leaving around 8:00 p.m.

Many thanks to Chris, W9TSB, Jim, KD9NPL, and Jim, KB9IH, for arriving early and helping to arrange and clean the tables. Thanks to Corrine Boyer for her help in setting up the food and her continued help throughout the evening. Thanks to Wilbur, KB9IQW, and his grandson, for taking the trash to the dumpster. Thanks to Steve, K9SKS, for shopping for and bringing the club supplied food items. Many, many thanks to my wife Pat, for her endless work and organization in bring the paper products, plates, silverware, cleaning supplies and numerous other items needed to make the picnic work. Thanks to Pat for also picking up the club supplied drinks and ice. Special thanks to Charles, KC9MUT, for bringing his grill and doing his usual excellent job as grill master. Thanks to all of you that brought potluck food to share, and thanks to all of you that attended. It took all of you to make the ACARTS Picnic the success that it was.

73,

Dave Lindquist, W9LKH

Next ACARTS Board Meeting

9/14 at 7pm

ACARTS Officers 2021

President

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

Vice President

Jim Boyer KB9IH
260-489-6700
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kd9lrw(at)gmail.com

Treasurer

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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

(1 open position)

W9INX Trustee

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

ACARTS August 2021 Board Meeting Minutes

The meeting was called to order by Dave, W9LKH.

Dave stated that he currently had 44 reservations for the upcoming picnic, which was about the same number as previous years. He stated that a question had been raised as to whether the picnic should be cancelled due to the surge in COVID-19 cases. It was decided that as the event is outdoors and there are no current state or local restrictions on such an event, there would be no reason to cancel it.

Dave stated that his wife would pick up the drinks and ice as well as the plates and silverware. Steve, J9SKS, confirmed that he will pick up the food. Dave said that he would like a couple of people to arrive early to help arrange and clean the tables.

Dave reported on the status of the 146.88 repeater. He stated that the amplifier and the spare had been repaired and that plans were made to reinstall one of the amplifiers the next day, Wednesday, August 4th.

Fred, KC9EZP, reported on the progress of the Hamfest planning.

Dave announced that the previous Friday marked 10 years of his being president of ACARTS, following the passing of then President Vic Berko, KA9LTV. Dave had been vice president for 11 1/2 years prior to his assuming the presidency. Dave said that his age is catching up to him and that he will not run or take the presidency of ACARTS next year. As stated in the by-laws, Dave appointed a nominating committee to form a slate of candidates for the November election of 2022 officers, managers, and board members, and to present the slate at the October meeting. Dave appointed Chris, W9TSB, as chairman, Jim, KB9IH, as a member, and said that he would also as Bob, N9PWM, to be the third member.

Steve, K9SKS, stated that he had made arrangements with the Liberty Diner for the ACARTS Christmas Dinner to be held at 6:00 p.m. on Tuesday, December 21st.

No other business was discussed.

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

Submitted by Dave Lindquist, W9LKH

Allen County Amateur
Radio Technical Society

Sizzlin', smokin' and satisfying



ANNUAL 2021 ACARTS PICNIC

Thank you to everyone who helped to
organize and host this fun event!

2021

**FORT WAYNE
HAMFEST**
& Computer Expo

SM

Check out

<http://acarts.com/hfmain.htm>

for more information!

Save the date!

FORT WAYNE HAMFEST

November 13-14



An Old Project Is Back on the Table

Carl Luetzelschwab, K9LA

In the FWDXA column in the February 2011 Allen County HamNews, I wrote about chasing my Novice heritage. I eventually found and acquired the magazine from which I studied for my Novice test – the September 1960 issue of Electronics Illustrated. It had all the Novice questions and answers on three pages.

It also had an accompanying construction project titled “A Complete Novice Ham Station”. It was a super-regenerative receiver using one tube (a 6U8) as both a detector and an audio amp. The transmitter was crystal-controlled also using a single tube (a 6V6). The rig could be put on either 80 meters or 40 meters via two plug-in coils – one for the receiver and one for the transmitter. The transmitter ran about 13 Watts input. That input power was typical of a homebrew transmitter of the late

1950/early 1960 Novice era.

I thought about building this rig in 2011, and I started gathering parts for it. The most important part in my mind was the receiver frequency dial. The parts list called for a James Millen 10039 Vernier Dial Assembly. It is a very nice size – about 4 inches by 4 inches. I opted to go with a NPD-1 Analog Display Dial made by National RF, Inc. It is a bit smaller – about 3 ½ inches by 2 ½ inches. I bought two coil forms plus sockets for the two plug-in coils. And I even found an old scrapped Heathkit IG-62 Color Bar and Dot Generator chassis and front panel at one of the Indianapolis hamfests that I could gut for the Novice receiver/transmitter project. I was ready to go.

Now let’s fast forward to today. All those parts are still gathering dust in a corner of the shack. This project fell by the wayside because of “more important” things to do. But now there’s a new light at the end of the tunnel for this project. I saw this light at the Fort Wayne Radio Club tailgate hamfest on Friday August 20. While wandering around looking at the offerings, I came upon Tim ND9T (his

call is easy to remember – Notre Dame Nine Touchdowns). He had a James Millen 10037 No-String Panel Dial for a very nice price. This dial is touted as full vision, it is illuminated and it has an 11:1 reduction mechanism. It is about 7 inches long by 2 inches high. See the accompanying image of it.

So I’m all fired up again to get going on this project. Will the fire stay lit to get this done in a reasonable amount of time? We shall see.

As a last comment, it warmed my heart to see AF4K Crystals purchased by Steve WD8DAS when AF4K became a Silent Key. I now can once again get FT-243 crystals for this transmitter. I already used this company recently to buy an HC-6/U crystal for my Drake 2-B receiver.



Next FWDXA Meeting

**TUESDAY
SEPTEMBER 7
6PM
HALL'S FACTORY
WINE ROOM**

The meeting includes a special presentation by **Bob Heil, K9EID!**

To RSVP, contact Carl, K9LA at [k9la \(at\) frontier.com](mailto:k9la@frontier.com)

Tuning Up

DXCC Entities: An International Challenge

By Jim, AC9EZ

. At this time, late summer is upon us (along with its heat, mosquitoes, and lawn-mowing challenges), and fall is looming on the horizon. For many people, fall means a change of the season and a chance to experience the smells and aura of autumn. For many hams, though, fall means the start of the hf “DX” season, with its tantalizing aroma of challenge and competition - to get that “rare” entity and enjoy the memory of that contact for years to come. In this month’s article, we are going to take a look at the DXCC program.

What is the DXCC program?

First things first, we need a definition. The DXCC program (short for DX Century Club) is an awards program overseen by the ARRL. The term “DX” is shorthand for a long distance station that is not part of one’s own “country”. When a ham establishes radio contact with another radio amateur in another “country” (usually via means of ssb/cw/digital modes on the hf bands), that ham is said to be “working dx”. If that ham goes on to work and confirm 100 contacts with 100 unique “countries”, that ham may apply

for and receive his/her DXCC Award from the ARRL.



Notice that I used the word “countries” within quotation marks. This is on purpose, because not all “countries” are truly “countries” in the political sense of the word. A DXCC “country” is counted as a country and therefore part of the DXCC program based upon its status under the DXCC rules. The DXCC rules as listed on the ARRL’s website have this to say about what defines a DXCC entity; “Each entity on the DXCC List contains some definable political or geographical distinctiveness.”



Summarized briefly, one could say that a DXCC “country” is really any body of land that has a unique political or geographical characteristic that separates it from being considered a mere portion of a larger body of land. This means that if a certain area has its own political power or significance (the Vatican, Mount Athos, UN Headquarters) or is a unique geological area (Scarborough Reef, Navassa Island, Bouvet Island), that entity is, more than likely, its own DXCC Country.

There are more rules to the DXCC program than those mentioned above. Although this brief summary is an over simplification of the DXCC program’s rules for what is or is not considered a DXCC entity, the above definitions give us a basic understanding of how or why an entity is considered part of the DXCC program. For more information on the DXCC program, here is the link to the ARRL’s website for the DXCC program. <https://www.arrl.org/dxcc>

“Rare DXCC Entities”: What are they?

Not all DXCC entities are created equal, as some entities have more amateur radio activity than others. The unofficial-official listing of all current DXCC entities on the website Clublog currently lists 340 separate DXCC entities. Of those 340 entities, many are simply islands that have become dedicated nature/wildlife preserves or conservation areas (including places like Navassa Island or Baker Island). Still other entities are unique geopolitical areas, such as the Vatican or Guantanamo Bay. Some entities are nothing more than chunks of rock barely rising above the swells of the ocean (Scarborough Reef). Regardless of their characteristics, most of the “rare” entities are considered “rare” because they have few or no resident amateur radio operators, and since DXCC rules stipulate that any radio contacts counted for DXCC credit must be with hams physically present on the *terra firma*, these entities remain “unactivated” and off the air unless a dedicated team of amateurs travels to that particular entity, sets up one or more

radio stations, and contacts other hams across the globe (an event known as a dxpedition).



Dxpeditions: Cost, Risk, Benefit

Dxpeditions usually only travel to an entity for one of two reasons. Either the dxpedition goes to a particular entity because that entity is a nice place to vacation (Bonaire, Luxembourg, etc.) or that entity is considered rare (very few hams have made a radio contact with any station within that entity). It is when a dxpedition team announces their intention of activating one of these rare entities that the dx community experiences its greatest amount of anticipation and excitement.

Large expeditions to rare entities incur large costs, sometimes amounting to over \$700,000. At these cost levels, many dxpedition teams will organize their finances so as to have half of the total cost of the expedition paid by the members

of the team, and the other half gathered via fundraising (from large dx clubs, foundations, and private individuals). Depending on the entity, large dxpeditions to the rare entities can incur costs for any number of exotic items, such as a chartered vessel to take the team to that entity, helicopters (plus pilots/crew for the choppers and ship), shipping containers for the bulk of the equipment, armed guards/guides (in politically sensitive areas), and more.

The risks involved in any dxpedition to any rare entity are the same. Disease, infection, and injury are ever-present threats, especially in more tropically-located entities. Armed conflict is a frequent hazard in parts of the Middle East, Asia Minor, and Africa, so armed guards may be necessary for personal protection. Some entities are so politically or religiously charged that almost no one is allowed to come for an activation (North Korea, Mount Athos, etc.).

The benefit of dxpeditions are both immediate and long term. Dxpeditions provide us dx chasers with an opportunity to enjoy working a station hundreds or even thousands of miles away. A rare entity coming back on the air after years of inactivity gives hams a great incentive to im-

prove their stations' antennas, radios, and amplifiers, in hopes of making a contact with that country. Regardless of cost, time, and risk, chasing dx and participating in the DXCC program is a time-honored tradition that is certain to remain part of the amateur radio hobby for many years to come.

73 de Jim, AC9EZ



THE STATION:
 #1 ELECRRAFT K3S • KPA500 • MicroHAM KEYSER II • AIRSPY HF+ SDR • CODAN 3020 PSU
 + M* SYSTEMS MG-1K2 1kW 6M LINEAR (FOR EME OPERATIONS)
 #2 ELECRRAFT K3 • KPA500 • MicroHAM KEYSER II • AIRSPY HF+ SDR • CODAN 3020 PSU
 #3 ICOM IC-7300 • CODAN 3020 PSU

ANTENNAS:
 160m • 12m INVERTED L ON A 12m SPIDERBEAM FIBREGLASS MAST (BY STEVE VK6SFA)
 80m • 14m HIGH INVERTED V HUNG IN A COCONUT TREE
 40m • 4-SQUARE ARRAY (BY OLGIERO VK5DXD)
 30m • 4-SQUARE ARRAY (BY STEVE VK6SFA)
 20-10m • MW0JZE PORTABLE HEXBEAM ON A 10m SPIDERBEAM ALUMINIUM MAST
 6M • INNOVANTENNAS LFA2 GEL YAGI ON A 10m SPIDERBEAM ALUMINIUM MAST

TEUKAVA BEACH OASIS - THE RADIO HUT IS ON THE LEFT

SPECIAL THANKS TO:
 A35CS, ZL1RPL, VK5ZM, VK5FDEN, VK5PJ,
 SM7SJR, W7GJ AND VK5FSAW FOR ALL OF YOUR
 HELP AND SUPPORT WITH THIS EXPEDITION.

THANKS ALSO TO OUR PILOT TEAM & QSL MANAGER:
 ON9CFG, N2AJ, JJ3PRT, VK5SA, AC9EZ,
 PY2PT, PY2YP AND H00XO

CLUBLOG

**A35JT - HA'ATAFU BEACH
 TEUKAVA BEACH OASIS**

**TONGATAPU
 KINGDOM OF TONGA**

To Radio : AC9EZ

A35JT Confirms The Following QSO(s):

Date	UTC	Band	Mode	RST
2019-10-04	19:46	17m	FT8	-22

Trx for QSO - 73 de A35JT

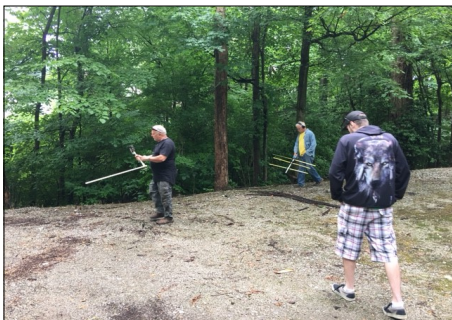


AUGUST 2021

The weather on Sunday, the 1st of August was quite pleasant with a clear sky and moderate wind, perfect for our August hunt. Four teams showed up at the Cobin Memorial Park starting point.

Team one consisted of Charles Ward, KC9MUT, hunting alone. Team two included Steve and Linda Nardin, W9's SAN and LAN plus their grandson Alex. Team three was made up of Meghan and Adam Warrix, KD9's ODP & NRT. The fourth team included Jerry Eitner, KD9QHI and team mate Willie.

Carole and Al Burke, WB9's RUS & SSE plus Jim and Annie Pliett, K9OMA & KA9YYI served as the fox for this contest. They found an abandoned IDOT rest stop on the south side of US 30 just west of Stahlhut Rd (@ 41.1252335,-85.276247). The site had been abandoned by the IDOT several years ago in a cost cutting measure, and all of the buildings had been demolished. The microfox was placed in a piece of pvc conduit found



at the site and it was then hidden under a slab of concrete that had part of the rest stop building. All in all a pretty challenging hiding place.



The hunt started promptly at 13:30 hours, pumping about 40 watts into a cubical quad mounted on the roof of Jim's van. We understand that only Charles heard the signal at the Corbin Memorial Park starting point, the other hunters could not pick it up. So we told them to "Head West" and they would soon enough pick up the high power fox signal.

Charles took two beam headings using the yagi installed on his truck bed mounted tower. His second heading traced a vector directly over our location. He localized us about 45 minutes after the hunt began and then proceeded on foot to locate the microfox.



About 15 minutes later the Steve, Linda and, Alex team showed up and located the microfox about ten minutes later, shortly followed by the team of Meghan and Adam.



Finally, Jerry and Willie arrived to complete the foxhunting compliment.

Steve and Linda had to return Alex to his home in Ohio but the rest of the crowd proceeded to the Point Restaurant at West Coliseum and Goshen Rd. for a well desired and yummy meal. Everybody enjoyed it.



Since Charles was the first to find the microfox he will serve as the fox for the September hunt which is scheduled to occur on Sunday, the 19th of September. (Yes, you heard me correctly; we have to work around a granddaughter’s wedding and the Findlay Hamfest.) Mark it on your calendar and plan to join us in this hunt. Ride along hunters are welcomed and encouraged.

The August and year-to-date scores are as tabulated:

FOX-HUNTER	AUGUST SCORE	YTD SCORE
WB9SSE	4.75	22.08
WB9RUS	4.75	20.08
KA9YYI	4.75	21.08
K9OMA	4.75	22.08
KC9MUT	5	30.2
W9SAN	3	25
W9LAN	3	24
ALEX	3	24
K9WEH	0	8
KD9NIV	0	3
N9FEB	0	8
KD9QHI	1	3.5
WILLIE	1	3.5
KD9OKH	0	4
KD2TCP	0	3
KW9S	0	2
KD9QQW	0	2
N9AMT	0	1
KD9SDY	0	3
KD9QHL	0	6
KD9NRT	2	2
KD9ODP	2	2

Respectfully submitted,

Al Burke, WB9SSE

Upcoming Foxhunt Dates
September 19
October 3
November 7
<i>Stay tuned to HamNews, local nets, and the club websites for updates!</i>



DMR Tip: Repeater ID as Talkgroup

By Jay Farlow, W9LW

With most Brandmeister DMR repeaters, users may program the repeater’s ID number as a talkgroup. Doing so enables the repeater to transmit the user’s signal, no matter how the user connects to the Brandmeister network.

This functionality creates a “local” talkgroup that can be widely accessed.

For example. The DMR ID number of the N9MTF repeater (located on the roof of Parkview Hospital Randallia) is 311841. I added that to my radio’s talkgroup list as a group call and named it, “N9MTF Local 2.” I created a channel for my radio that transmits on that talkgroup, on the frequency of my Brandmeister hotspot. Now, when I transmit to my hotspot on that channel, the N9MTF repeater transmits my signal on “Local 2” (talkgroup 2 on time slot 2), just as if I had transmitted on the repeater’s frequency.

This means that users who are out of range of the repeater’s receiver can still be heard on the repeater, as long as they’re within range of any device on the Brandmeister network, including personal hotspots and any other Brandmeister repeater in the world.

And with N9MTF’s repeater, we get a bonus, because he has that ID “clustered” so that both his Fort Wayne and Columbia City repeaters simultaneously transmit the traffic.

So, if you have a Brandmeister hotspot, consider creating a channel on its frequency for “talkgroup” 311841. I treat that and its repeater counterpart (talkgroup 2 on time slot two of the N9MTF repeater) as a sort of default local DMR channel and monitor it most of the time.



2021 FINDLAY HAMFEST

Vendor set-up 6AM.
Doors open at 8AM.

SUNDAY, SEPTEMBER 12

Hancock County Fairgrounds
1017 E. Sandusky St., Findlay, OH 45840

41.036717
-83.631166

\$10 Admission (Youth under 18 admitted free)

\$20 Vendor Table (\$15 additional tables)

\$ 5 Flea Market Space

\$15 Covered Space

\$15 Overnight fee

CONTACT US:

Talk In: 147.15+ (PL 88.5)

444.15+ (PL 88.5)

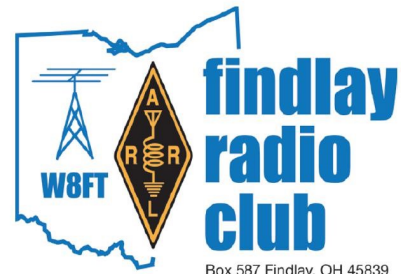
www.findlayradioclub.org/hamfest

hamfest@findlayradioclub.org

Prize Drawing every 15 minutes!

- **Grand Prize:** Icom IC-7300 HF radio
- **Runner Up Prize:** Yaesu FT3DR H/T
- **\$100 cash** prize each half-hour (\$800)
- Additional prize drawings every 15"

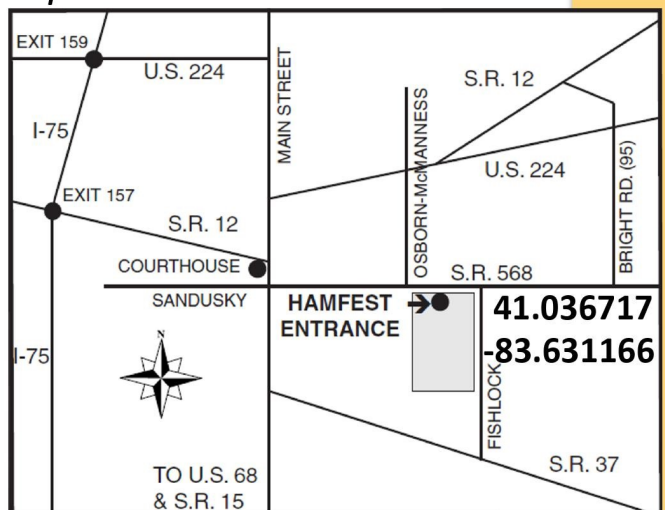
Ticket holders must be present to claim prizes



Box 587 Findlay, OH 45839
Organized in 1925

**RAIN OR SHINE
FREE PARKING**

Don't miss this "end-of-summer" fun event. Get out of your ham shack. Buy some new gear – or find a classic treasure. Learn something new about your hobby. Catch up with old friends and make some new ones.





SKCC Activity

If you're not participating in SKCC events, you're missing out on a lot of fun! With three regular monthly events plus all of the awards and certificates available, there's a lot happening on the SKCC frequencies. The **Slow Speed Saunter** is held on the first day of every month encouraging participants to operate at *turtle-slow* speeds of 12 words a minute or less. If your CW (morse code) is a bit rusty and you need some practice, this is a great event. Our **Weekend Sprintathon** is the second weekend of the month and this month will be held from 8am est (1200utc) Saturday September 11 through Sunday evening, September 12 at 8 pm est (0000utc). There's always a lot of participation in this event and each month has a special theme. September's theme is club calls: club stations are worth a 50 point bonus (yes, if we activate W9TE, they count as a 50 point bonus!) and the special KS*KCC calls are worth 100 bonus points. KS9KCC will be active on Saturday from the N8KR shack with an open invitation for any SKCC members to stop by and operate one of the two stations. The September 2 hour sprint (**SKS**) runs on Tuesday night, September 26 from 8-10 pm local. If you haven't downloaded the free SKCC logger, go to the webpage [skccgroup.com](https://www.skccgroup.com) and click on "files and downloads" on the

left column and download AC2C's SKCCLogger. It's free, interfaces nicely with your radio, and makes logging and awards following a breeze! You also want to check out the latest newsletter, filled with great articles and many pictures! Please contact any of the 35+ FWRC members who also belong to SKCC for more information or drop me a note at [n8kr \(at\) arrl.net](mailto:n8kr@arrl.net).

73,

Ken, N8KR



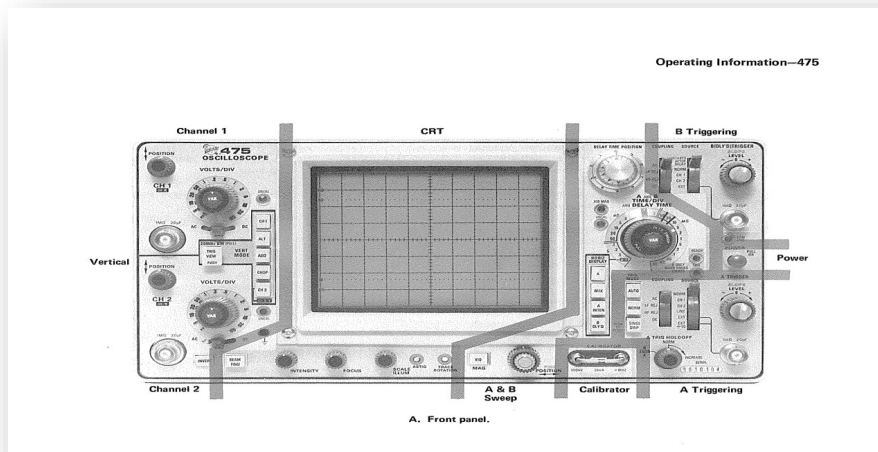
Join SKCC for free!
[https://
www.skccgroup.com](https://www.skccgroup.com)



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

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

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



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

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

For Sale / Wanted Continued

- Drake TR-4 Transceiver. Gone through electrically. Cabinet has been professionally repainted, however, the nomenclature defining the plugs and adjustments on the lower cabinet were not finished. Tested into dummy load on 80, 40 and 20 meters with full output. Receives well on all bands. Comes with an original manual. \$350
- AC-4 power supply. Upgraded in 2015 with new board and caps from the Heathkit Shop. Tested along with the TR-4. \$150
- MS-4 speaker. Good condition with some normal cabinet ware. \$125

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

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

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

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

- Bencher CW paddles with MFJ electronic keyer model MFJ-422B. In very good cosmetic and operating condition. Bargain of the month at \$50!



For this item, please contact Josh, W9HT at drjoshlong (at) gmail.com.

Your item could be listed here next month! Just send the editor an email with your listings before September 29th. See page 2 for contact information.

Selected Contest Calendar for September 2021	
SKCC Sprint Europe	1900Z-2100Z, Sep 2
All Asian DX Contest, Phone	0000Z, Sep 4 to 2400Z, Sep 5
Colorado QSO Party	1300Z, Sep 4 to 0400Z, Sep 5
WAE DX Contest, SSB	0000Z, Sep 11 to 2359Z, Sep 12
SARL Field Day Contest	0800Z, Sep 11 to 0600Z, Sep 12
SKCC Weekend Sprintathon	1200Z, Sep 11 to 2400Z, Sep 12
Ohio State Parks on the Air	1400Z-2200Z, Sep 11
Alabama QSO Party	1500Z, Sep 11 to 0300Z, Sep 12
ARRL September VHF Contest	1800Z, Sep 11 to 0300Z, Sep 13
North American Sprint, CW	0000Z-0400Z, Sep 12
Collegiate QSO Party	0000Z, Sep 19 to 2359Z, Sep 20
ARRL 10 GHz and Up Contest	0600 local, Sep 18 to 2400 local, Sep 19
Scandinavian Activity Contest, CW	1200Z, Sep 18 to 1200Z, Sep 19
Iowa QSO Party	1400Z, Sep 18 to 0200Z, Sep 19
Texas QSO Party	1400Z, Sep 18 to 0200Z, Sep 19 and 1400Z-2000Z, Sep 19
Wisconsin Parks on the Air	1600Z-2300Z, Sep 18
Washington State Salmon Run	1600Z, Sep 18 to 0700Z, Sep 19 and 1600Z-2400Z, Sep 19
New Jersey QSO Party	1600Z, Sep 18 to 0359Z, Sep 19
New Hampshire QSO Party	1600Z, Sep 18 to 0400Z, Sep 19 and 1600Z-2200Z, Sep 19
SKCC Sprint	0000Z-0200Z, Sep 22
CQ Worldwide DX Contest, RTTY	0000Z, Sep 25 to 2400Z, Sep 26
Maine QSO Party	1200Z, Sep 25 to 1200Z, Sep 26
<i>This information comes from the WA7BNM Contest Calendar at contestcalendar.com and is gratefully acknowledged.</i>	


 The logo for Radiosport features the word "Radiosport" in a large, white, sans-serif font centered on a dark blue background. The background is framed by a black border and includes orange and yellow curved accents in the top-left and bottom-right corners.

Radiosport

Area Nets					
Daily			Tuesday		
8:00 AM	3.535	Daily (QIN) Indiana Section CW net	7:30 PM	147.150+	21 Repeater Group Net (97.4 PL)
8:30 AM	3.940	Daily Indiana Traffic Net	8:00 PM	50.580 USB	FWRC 6-Meter SSB Net
6:00 PM	3.940	Daily Indiana Traffic Net	9:00 PM	146.940-	Allen Co. ARES Training Net (141.3 PL)
6:30 PM	146.880-	IMO (alternate is 146.760)	Wednesday		
7:00 PM	147.015+	Tri State Two Meter Net	7:00 PM	146.760-	FWRC YL Net
8:00 PM	3.535	Daily (QIN) Indiana Section CW net	8:00 PM	145.270-	Whitley Co. ARES (141.3 PL)
Week-days			8:00 PM	50.580 FM	FWRC 6-Meter FM Net
9:00 AM	3.820	Little Red Barn Net	9:00 PM	146.940-	Help and Swap Net (141.3 PL)
Sunday			Thursday		
8:00 PM	444.550+	Whitley Co. ARC Sunday Night Net (141.3 PL)	8:00 PM	D-STAR	Indiana D-STAR net (Note 3)
8:30 PM	1.965 & 146.910-	"No-Name" Net also on EchoLink Node number 519521	8:00 PM	50.580	AM 6-Meter AM Net
9:00 PM	145.53 simplex	Northeast Indiana Packet Net 1200 baud (Note 2)	8:30 PM	145.510 simplex	Allen County ARES Digital Operations Team Training Net (Note 4)
Monday			Saturday		
8:00 PM	224.780-	Fort Wayne 224 Net	8:00 PM	146.685-	Huntington ARES(141.3 PL)

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

Fort Wayne area repeaters (updated as of 9/1/21)							
Frequency	Offset	Tone/Notes	Callsign	Frequency	Offset	Tone/Notes	Callsign
145.330	-0.6 MHz	--	W9FEZ	443.100	+5 MHz	DMR	K9MMQ
146.880	-0.6 MHz	--	W9INX	443.275	+5 MHz	P25	K9MMQ
147.255	+0.6 MHz	--	W9INX	442.6375	+5 MHz	--	N9MTF
146.760	-0.6 MHz	--	W9TE	444.800	+5 MHz	--	W9FEZ
146.910	-0.6 MHz	--	W9TE	442.99375	+5 MHz	D-Star	W9TE
146.940	-0.6 MHz	141.3 FM C4FM	W9TE	444.250	+5 MHz	141.3	W9AVW
224.780	-1.6 MHz	--	W9FEZ	444.8750	+5 MHz	141.3	W9TE
				53.3300	-1 MHz	--	W9FEZ

Update: The 146.91 W9TE repeater is currently off-the-air as of 9/1/21.

FWRC Membership Application

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

(ARRL membership helps the club maintain ARRL affiliation)

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

Fort Wayne Radio Club dues:

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

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

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

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

Fort Wayne Radio Club

P.O. Box 15127

Fort Wayne, IN 46885-5127

Please list all names and calls on an attached sheet.

K-12 or full time student.

Unlicensed member.

ACARTS Membership Application

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

(ARRL membership helps the club maintain ARRL affiliation)

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

ACARTS dues:

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

(New regular memberships are \$1.00/month)

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

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

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

P.O. Box 10342

Fort Wayne, IN

Please list all names and calls on an attached sheet.

K-12 or full time student.

Unlicensed member.