

W9JOZ

Volume 12, Issue 8

August 2022

Meeting August 18th at 7:00 pm.
Knox Community Center.



Meetings are at the Henry F. Schricker Library on the third Thursday of each month, with the exception of December.

The library is located on west Culver Road, two blocks west of Highway 35.



Are you on the air?

QSL CARDS

If you have QSL Cards that need to be checked for an ARRL Award, contact John and he will put you in contact with an ARRL Card Checker in our area. Steve, KD9HL is the card checker.

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Events

Meeting at Knox Community Center Corner of Pearl and Lake Street

August 18th

Time will be 7:00 pm

Birthdays

Aug 5 - Bryan, KE9ML, Aug 11 - Richard, K9ILU

If your birthday has not been listed, it is because I do not have the date for it. If you would like it to be included in a newsletter, please email me the date. Thanks w3ml@w3ml.com

Starke County Amateur Radio Club Weekly 2 Meter Net is on every Saturday at 8:00 p.m. Central time.

DAY OF WEEK: Saturday 8:00 p.m. Central time

HOST: KN9OX Repeater

FREQUENCY: 145.410 - 600

PL TONE: 131.8

For Sale Items

New items listed from the Collection of K9KFT Gear.

If you see something on his list that you would like make an offer on, send an email to w9joz@w9joz.org with your offer.

It will be passed on to Bill who is handling the sale.

See all the For Sale Items at

<http://www.w9joz.org/forsale.htm>

There are a lot of them there. Updated regularly.

See the For Sale Page on the Club website. If you have items to sell email me a list with prices and contact information.

Notice for 2022

****** Dues for 2022 remain at only \$12.00 a year. ******

Paid Members for 2022:

- 1. Bob, KD9IHY**
- 2. Jack, WA9ZTP**
- 3. Linda, KC8PKY**
- 4. Bryan, KE9ML**
- 5. Levi, WA9CAO**
- 6. Paul, N9QYK**
- 7. Ed, KD9MVW**
- 8. David, KC9OBH - President**
- 9. John, W3ML - Secretary/Treasurer**
- 10. Tom, W9QN**
- 11. Bart, KC9FQA**
- 12. Steve, KB9GPW**
- 13. Bill, K9BZM**
- 14. Richard, K9ILU**
- 15. Nita, KC9PM**
- 16. Jim, WB9UAR**
- 17. Don, WA9 KRT**

Please be a member and pay your dues for 2022.

Dues may be mailed to:

**John Poindexter
204 South Main St.
Knox, IN 46534**

Checks can be made out to the Starke County Amateur Radio Club. \$12.00

Dues for 2022 still only \$12.00

We had over a dozen members not pay dues in 2020 & 2021. It would be nice to have them back in 2022.

For Sale

Selling Everything - It All Must Go

Paul, N9QYK is selling off all his stuff he has collected over the years. If you are interested in knowing what he has, give him a call at 574-772-2021.

Links

Levi, WB9CAO sent this in: 'Lightning in Real Time' tinyurl.com/md6e000

Radio Shack is Back!

<https://www.radioshack.com/>

Tom, W9QN sent this in: I went to the East Central Indiana Hamfest in Winchester today and met my friend and former Starke County Amateur Radio Club member Ken, WD9DWX. After the hamfest we visited the Indiana High Point just a few miles to the south. I had been there before but this was Ken's first visit. They have a logbook to sign and info cards for the visitors to have. I have scanned the card and attached the pictures. While we were there a family from Maryland stopped by.

INDIANA'S HIGH POINT
Is Wayne County's "Hoosier Hill"



Elevation: 1257Ft [383m.]

N 40° 00' 04" 16T0683635
W 84° 50' 55" 4430118

Driving Directions: From I-70 Exit # 153 take 227 N to the north (left) and drive 8.3 -8.5 miles to Bethel Road. Turn west (left) and go 1.0 mile to Elliott Road. Turn north (right) on Elliott Road and go 0.9 mile to short gravel drive along south edge of woods. Follow short path into woods.

Please Visit, Enjoy & Leave a Note in the Log Book

Wayne County Resource Inventory Council
Wayne County Planning Office
Richmond, Indiana 47374
www.co.wayne.in.us/ric

AS-051; 9M0, SPRATLY ISLANDS: The DX0NE team will consist of Mike DU1XX (AE6DG), Jong DU3JA, Ed 4F1OZ, and Gil 4F2KWT. Their license is valid from Aug. 1 until the end of 2022 and they plan to operate on 160-6m (CW, SSB, FT8). For more information see: www.mdxc.support/dx0ne QSL via 4F2KWT or IZ8CCW, LoTW, ClubLog OQRS.

Acom 2000A 160-10 m auto tune amp. This has the older style controller and was formerly owned by KE9I and N9QX. Tubes have been replaced by me. Works fine and is in service here. Just purchased a Flex Power Genius which makes this unit available. Price \$3700. I have 2 new spare GU74b tubes if the amp purchaser wants them then the price is \$4100

The tubes will not be offered for sale until the amp purchaser declines them.

I have also a Harris RF Channel 2 TV amp unit which I have used on 6m for the past several seasons. 10-15w in will deliver 1k output. The purchaser may want to tidy up connections. This includes the power supply to operate the amp. I also have documentation. There is an extra amp deck that could be used via a combiner to increase output or as spare parts. (I have it for spare parts and have not fired up the 2d amp deck.). Included is a DPDT relay with N connectors. I have I believe 3 addition PS that come with the purchase. These again were purchased for spares....just in case.

Price for the 6m amps/parts \$1000

These can be shipped or possibly delivered to a club meeting. Shipping is available at an extra cost.

Reason for sale, I purchased a Flex Power Genius amp which covers 160-6m

I have also a Drake R4C T4XC MS4 AC4 combo available. The units work, light up and receive. I used them when my Flex was out for repair back in June. I was planning to send them off to WB4HFN to bring them up to speed/general check out. With the purchase of the amp I need to make room. These do come with crystals for additional bands 160, 30, 17, lower end of 10m and CB even. I have a Shure 450 mic that I will throw in the deal with a Switchcraft 260 plug for the mic. I also have a 2.1 Khz ssb filer and a 6Khz AM filter. Manuals for the T4XC and R4C. \$800 for the Drakes.

Contact AJ9C at aj9c@indy.rr.com or call 765-661-8495. Leave a message if you call.

FCC Legacy CORES System to be Retired

07/07/2022

The Federal Communications Commission (FCC) will retire the Legacy version of its Commission Registration System (CORES) on July 15, 2022. CORES is the FCC's public-facing database that enables and tracks certain types of FCC and FCC applicant actions, including amateur radio applications and licenses. Its implementation has enabled routine amateur applications and licenses to be issued overnight instead of over weeks, as was the case with earlier methods. ARRL The National Association for Amateur Radio® advises the amateur radio community to transition to the updated version of CORES as soon as possible.

In essence, CORES is designed to identify those who hold certain types of FCC licenses and FCC authorizations, including amateur licenses, and organize them in an easily accessible manner under a common FCC Registration Number (FRN) regardless of whether one holds a single such authority or thousands. The new CORES, in addition to assigning individual FRNs, allows holders of multiple FRNs to aggregate them under a single account where the licenses and authorization, fees and payments, and related actions can be administered from within the same account.

In effect, new CORES can be conceptualized as an electronic interactive file folder. The updated version of CORES has been available since 2016, and now its use will be mandatory for all amateur licensees when submitting amateur-related applications.

Starting on July 15, 2022, the Legacy CORES website will re-direct users to the Commission's updated CORES site. Although some functionalities in the old system will continue to work for a short time, the FCC has urged all users to transition to the updated CORES system to take advantage of its enhanced security and functionality.

Register with the FCC

Licensees that do not already have an FCC CORES Username Account must create one with a unique username (a valid email address) and password. After creating the account, when logged in, users should associate their existing FRN or FRNs with this account. Instructions for doing so are on the FCC Registration Help page. One's FRN is printed on all current amateur applications and licenses, and will not change. FRNs can also be found by looking up one's call sign in the Commission's ULS (<https://wireless2.fcc.gov/UlsApp/UlsSearch/searchLicense.jsp>) or by using the FCC's advanced search page.

The FCC has posted Tutorial Videos to assist with the transition. ARRL VEC Manager Maria Somma, AB1FM, recommends viewing the videos "Getting Started With the New CORES," which explains how to register for a CORES Username Account, and "Associating an FRN to a Username," which instructs Legacy CORES users on how to link one or more existing FRNs to a username. FCC CORES Registration Instructions can also be found on the ARRL website.

Additional information is available on the FCC website or by calling the FCC Licensing Support Center at (877) 480-3201, Option 4, and on the FCC's e-support page.

<https://www.arrl.org/news/fcc-legacy-cores-system-to-be-retired>

Handy Hint

By Steve Mollman-KD9HL

Towers, Grounds and Galvanic Action

A basic chemical reaction called galvanic action occurs when two dissimilar metals are connected. With the presence of moisture, a battery is formed and the more active metal is destroyed.

Following good practices (and the NEC Code along with local building codes) we connect heavy copper grounds to the galvanized legs of our towers forming a copper-zinc battery. Eventually the zinc galvanizing is going to be eaten through exposing the tower leg to corrosion.

One suggestion to reduce or even stop the process is with a “sacrificial anode” using a more active metal such as aluminum. Bury a good sized piece of aluminum scrap and connect it to the tower with a large diameter wire. Some possible sources of scrap aluminum are old street signs, worn out snow shovels or even old cooking pots. The possible sources are infinite.

Be sure to regularly check the connections and the condition of the aluminum. Replace the aluminum when needed. Because we are dealing with corrosion, periodic checking of the connections is strongly advised. Poor or corroded connections could become a source of RF interference.

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If you have something for the newsletter, please send it to me before the 25th of the month.

See you at a meeting.

73

John, W3ML

