

Lakeshore Radio Association



November 2025 Newsletter

Member Statistics:
Active Members: 128

New Members: (Last 30 Days)
W Owen Thompson KE9CAR: Joined 2025-10-29

Table of Contents

- From the Board
- Megacycle group updates
- Repeater group updates
- Member Highlights
- Operating Corner
- Events & Activities
- Happy Hour
- The Lighter Side
- Swap meet
- Final Thoughts

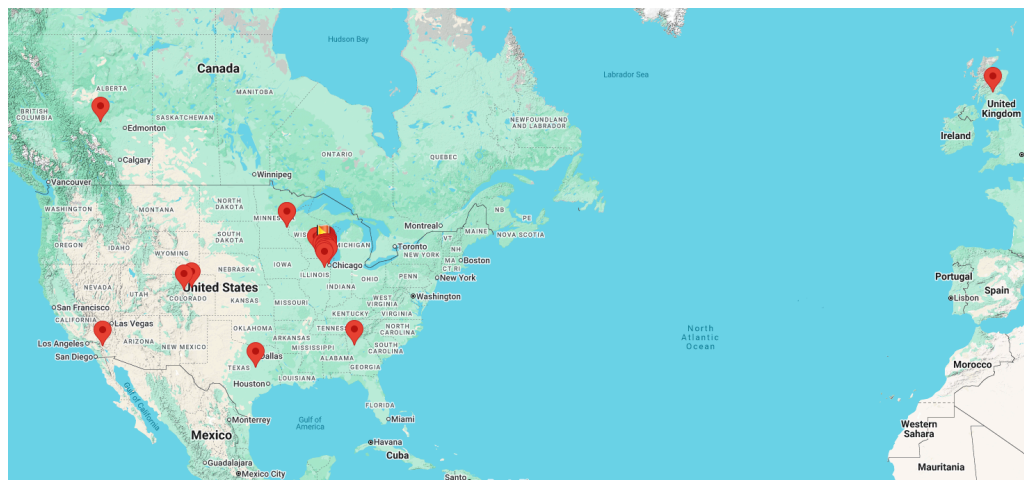
From the Board



- Fred Glenn, K9SO, was re-elected by the membership for another two year term as Vice President
- Matt Zajac, AF9Q, was re-elected by the membership for another two year term as Secretary
- The board approved moving the “Christmas Party” into January
- The board asked Greg, W9GTH, to draft an amendment to the bylaws creating a new appointed board position as W9UDU trustee. A proposed amendment will be presented to the membership (following board review) at the January 2026 quarterly meeting.
- The board approved new admission charges (TBD) for the old Megacycle Club “Freefest”. LRA Event Chairperson Kevin, KB9LLV, will appoint a Hamfest chairperson to organize the event.
- Over \$500 in donations were recorded through sticker sales, new Megacycle memberships, Raspberry Pi sales, and other general donations at the October meeting.

Presentations made by KC9JOB and K9SO at October membership meeting: CLICK [HERE](#) to view

Updated membership map



Megacycle Group



A six meter 5 element beam has been installed above the Mosely HF beam and is now operational. The new building entry panel is complete with arrestors inside.



Printed plaque courtesy of Bernie, N9AZA

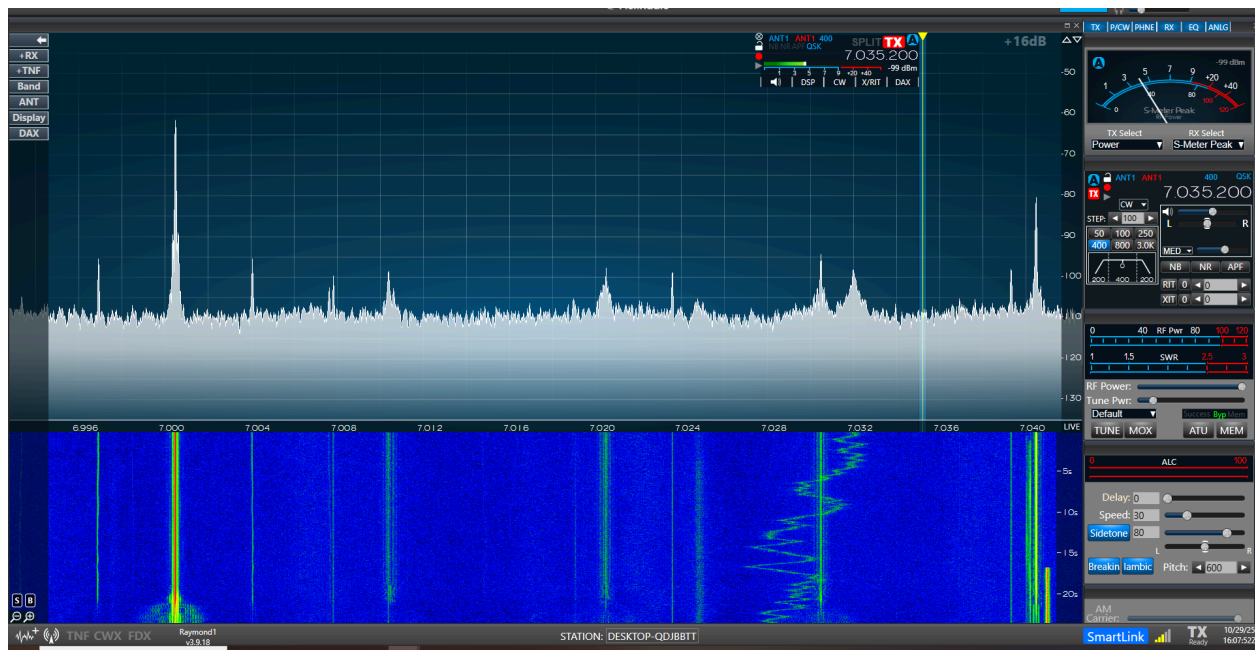
Pseudo warning of “480 VOLTS” was added instead of the suggested ”Warning:100,000 ohms”

Megacycle Group, continued

How to Join and operate the station

A simplified procedure document has been created detailing the process of Megacycle Group radio access

Click [HERE](#) to view.



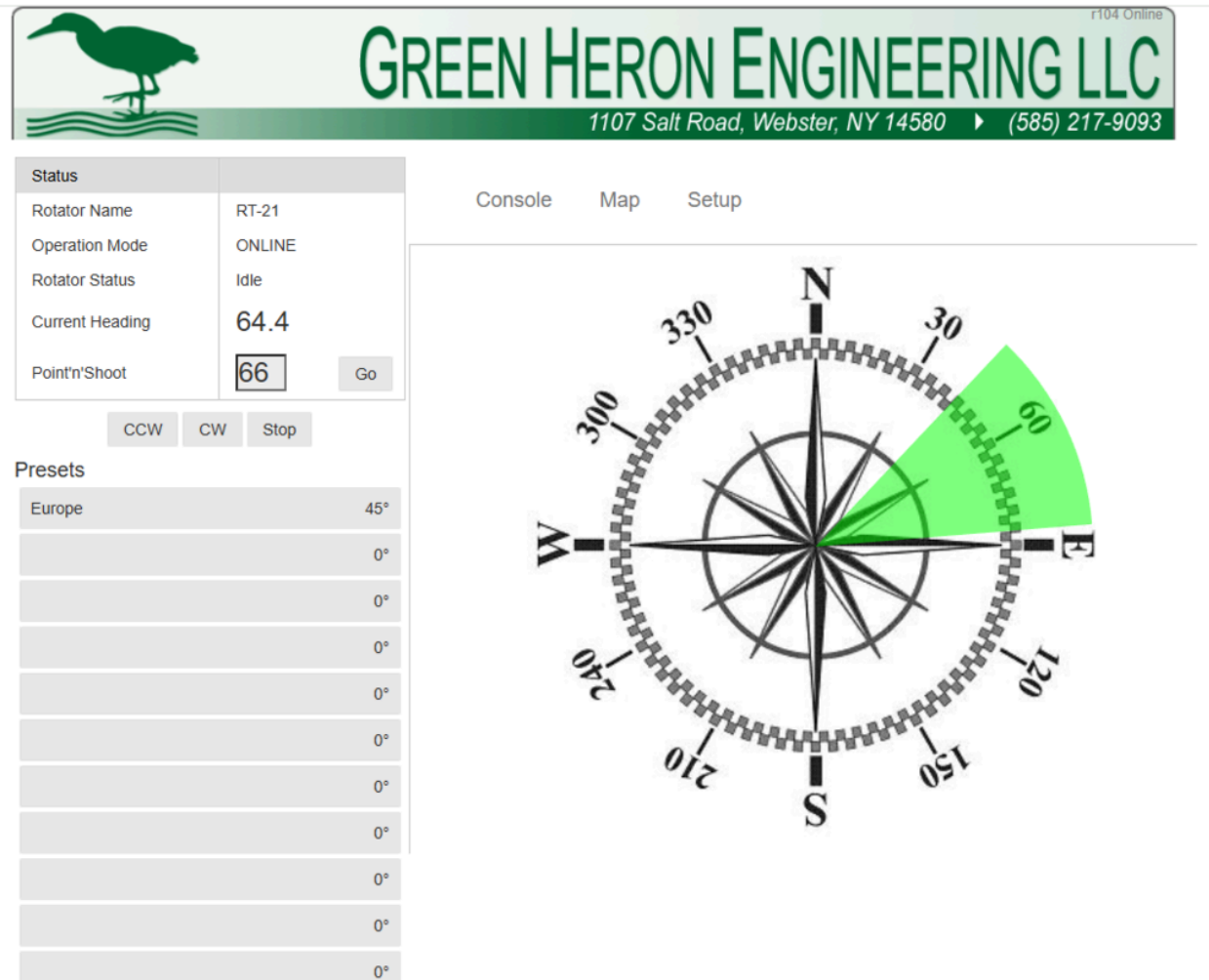
Status:

3 radios at 2 locations are operational

A 4th antenna, a 40m dipole up 50 feet, will be installed later this week. This antenna will be a high performer into Europe. Coupled with the GAP Titan, we now have high performance antennas from 80m-6m.

Megacycle Group, continued

We purchased a new Green Heron RT-21 rotor controller giving us full remote control of our HF and 6m beam headings



Donations from Bruce, K9WBT, Greg, W9GTH, and Fred, K9SO made this possible.

Join the forum at [Groups.IO](https://groups.io) sign up by clicking [HERE](#). All participants should join to watch for official announcements.

Repeater Group



What's Kevin, N9OIG up to? He's been experimenting with something that is signing MORSE CODE letter 'X' on AllStar. Stay tuned for something exciting.

Our Franksville VHF receive site is preparing for winter with the help of Gene, WB9ZKY. This site is 100% solar powered but the batteries need to be kept warm as we only have an unheated shed (provided by WE Energies). Gene keeps the propane tank for the heater topped up every year.

Kevin replaced the batteries there last month so we're good to go for a while longer.

Our western RX site in Walworth is a big help for those of us west of Paddock Lake. Simply input a PL tone of 114.8 into your radio and you'll bring up that UHF receiver instead of the one at the Lakefront. It has good ears.

Repeater users after Happy Hour concludes should know that the Texas groups automatically disconnect at 6:30 local time. W9LKH in Milwaukee automatically disconnects at 6:15

Our three repeaters continue to function flawlessly thanks to behind-the-scenes maintenance by our tech crew Kevin, N9OIG and Robin, WB9COW.

Member Highlights



**Bill, KD1Z, checked into the Happy Hour Un-net from new heights.
Our highest "CHICKEN" yet.:**



Fred, K9SO, added a 2200 A-H battery system in anticipation of expanding his PTOA activities



Quite a few LRA members got together at Tailgater's Bar and Grill last month to celebrate the life of Dave, NP2I (SK).



Matt, AF9Q posted an interesting item on the HH Forum:

Interesting read.

Researchers from UC San Diego and University of Maryland found that about half of all GEO satellite IP links transmit unencrypted, sensitive data—including cellular backhaul, corporate networks, industrial systems, and even military traffic. Using <\$800 in off-the-shelf gear, they captured cleartext traffic from 39 satellites and 411 transponders, revealing major global exposure. Root causes include legacy systems, lack of link-layer encryption, and inconsistent vendor practices. They've disclosed findings to affected operators and recommend mandatory encryption at both link and network layers for all satellite communications.

Full paper: https://satcom.sysnet.ucsd.edu/docs/dontlookup_ccs25_fullpaper.pdf

Scott, W9AFB, checked off a “bucket list” item with this successful “Marine mobile” POTA operation. Yes, it’s an aluminum hull for a good ground plane too!



Member Highlights, continued

Greg, W9GTH, built up our “club project Allstar box” and is on the air! Contact Jeff, KC9JOB, for construction details. No drilling or special skills required. This is the third such box built by members.



We have a complete bill of materials available. All parts are available on line. Construction is simple using all 3D printed parts. A lot of members have 3D printing capability and can help you if interested. No soldering or drilling is required and all you need is a screwdriver to build it up.

Member Highlights, continued

I added backlighting to mine (turns on when connected):



Live in an HOA? Bill, KD1Z found this interesting video on YouTube:

Click [**HERE**](#) to view

Bruce, K9WBT played with Hell-Feld modes while down with a cold.

Tired and bored while down with a cold, I decided to try out Hellshreiber, a digital mode. There's a "Hell On Wheels Sprint" today presented by the Feld Hell Club.

<https://sites.google.com/site/feldhellclub/Home/contests/sprint-rules>

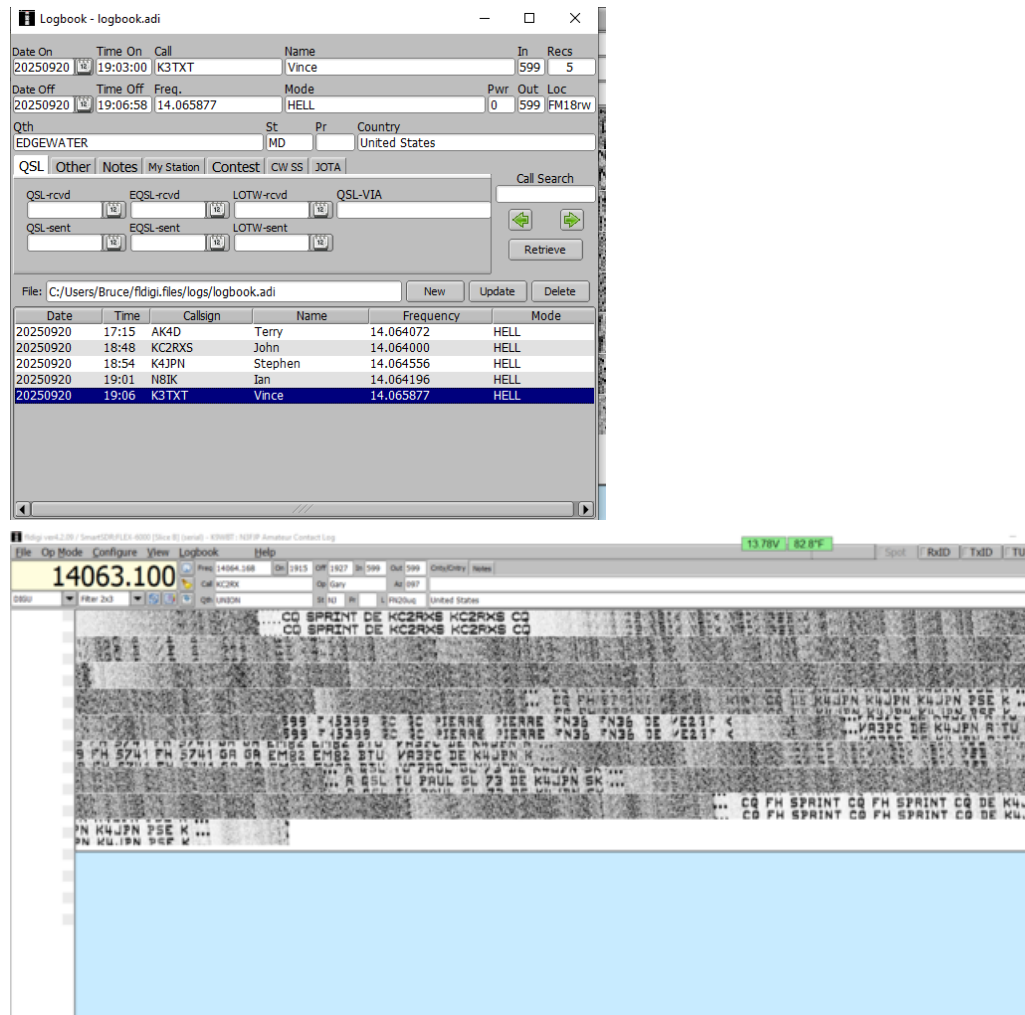
I last played with HELL-FELD when Jason, K9QKL, was camping on the flowage. We tried just about every digital mode that day.

I downloaded FLDGI for Windows and my Flex was on the air in short order. I thought with an active contest this would be a good time to explore. Note, you can also use HRD Digital Master to decode this mode, HELL-FELD.

Member Highlights, continued

Member Highlights, continued

Some screen shots of the endeavor.



Scott, W9AFB added:

Thanks for sharing Bruce. Hellshreiber is a neat mode with some interesting history.

You're correct, there are weekly nets on HF Wednesday though Friday.

<https://sites.google.com/site/feldhellclub/Home/nets>

I occasionally check in and a lot of the stations coordinate here. Login required IIRC.

<https://hamspots.net/hell/>

Member Highlights, continued

Chris, KC9IJB made a significant donation to the club with his donation of Raspberry Pi 3B and 4B. Many of these have been used in our Megacycle operations and several have been sold.



These include industrial grade SD cards and a professional class housing. The Pi 4's include a fan. A club donation of \$40 gets one Pi3 and one Pi4 as a package deal.

John, N9ZYL, has donated a DX Engineering Hex beam and two Rohn 25G tower sections to the Megacycle club. These will go up in the spring.

Member Highlights, continued

Jeff, KC9JOB, bit the bullet and bought a Bambu P1S 3D printer:



On sale now! \$549

The Ultimate in Lightning Protection

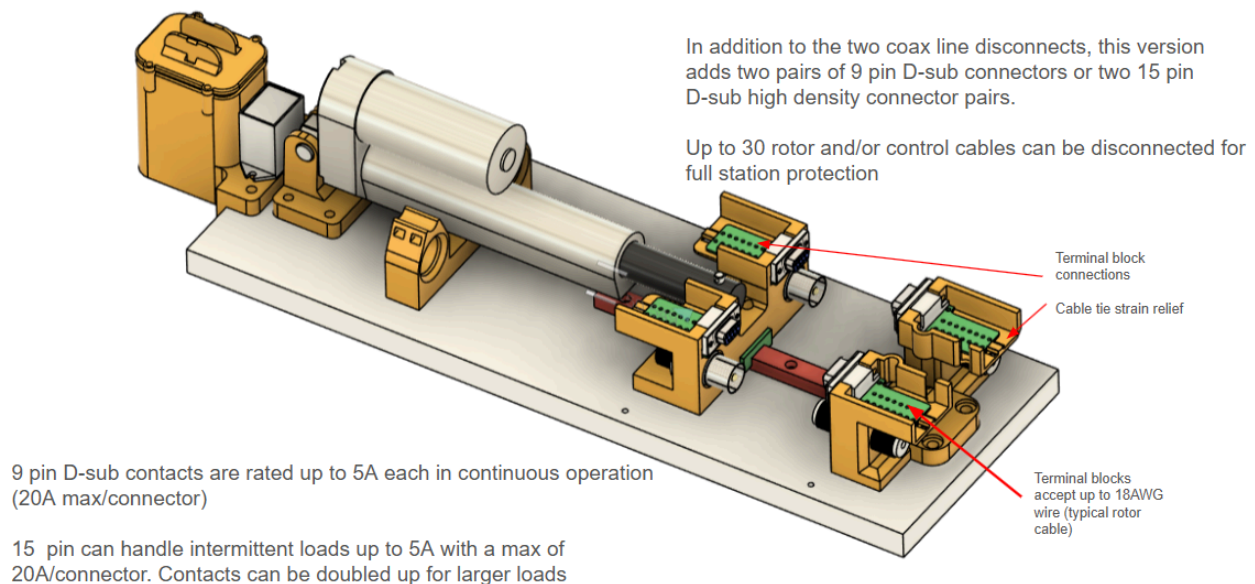
Another LRA club project, our antenna and rotor disconnects, have also been very popular. Jeff, KC9JOB designed all the 3D printed parts and the rest are readily available on line.

We have put together a club presentation with details on how to build them [HERE](#)

It looks complicated, but members have built 5 of these already and they're working perfectly! Each one completely disconnects your coaxial lines as well as any data, rotor, or SteppIR cables. Connect to your station power supply 12v and everything connect automatically. Turn off station power and everything disconnects automatically. Everything disconnects in the event of a power failure.

Complicated? Yes. But it can be built with only a screwdriver in under 2 hours. All critical dimensions and alignments are made with 3D printed parts. **STL files available only to LRA members.**

FULL VERSION (the Grand Disconnect)



Operating Corner



Jen, K9UET worked the CQWW SSB contest from the club's radios and reported SSB contacts all over the world.

Bruce, K9WBT, reported working Australia on 20m SSB on his iPhone while riding as a passenger in the car.

Contests:

10m has been HOT lately. The 10-10 Fall Digital mode contest begins Saturday, Nov 8

Try your hand at EME (Earth-moon-Earth)? The ARRL contest also begins on Saturday, Nov 8.

The biggest contest of the year, ARRL's SSB Sweepstakes, begins on Saturday, Nov 15.

... and don't forget the CQWW CW contest that begins on Nov 29.



Events & Activities



Our Winter club party is scheduled for January 10. Mark your calendars!



(photo taken 2024 Christmas party)

Our January quarterly membership meeting will be on Tuesday, Jan 26.

Signups for positions on the Hamfest committee are being taken.

Every Saturday, many members meet at The Meadows Restaurant in Franksville at 8:00am

HAPPY HOUR



Our Daily “Un-Net” continues to grow. Our “in your face” forum misbehaves and is the best example you’ll ever see on how not to run a real net.

What started off as a joke, the check-in pileup has become our signature event. You have to be persistent to get logged in sometimes as “getting crushed” is common.

We meet daily at 5:00pm local Central Time and typically get 50-60+ participants from all around the world. Join us on the LRA repeaters, the “mighty 513”, W9LKH in Milwaukee, or on our Allstar nodes 511680 and 511681.

WW9X is carrying on the tradition of issuing activity certificates for 100 and 1000 check-ins.



The Lighter Side

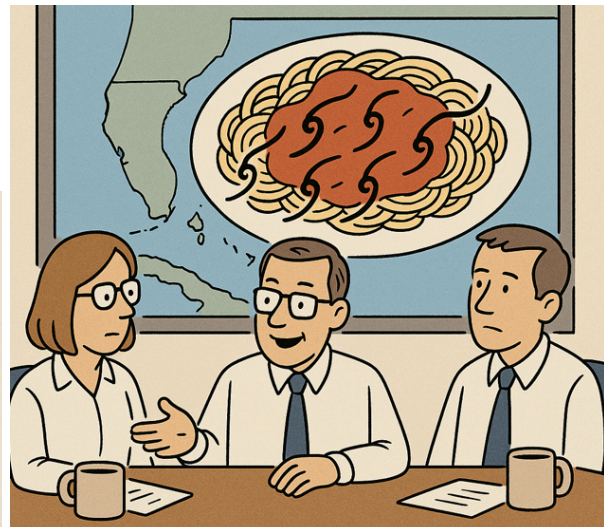


**YOU HAVE TO BE ODD TO
BE NUMBER ONE.
-DR. SEUSS**

HAPPY HOUR PILEUP



He couldn't resist



**The models are inconclusive, but
they taste great with marinara.**



**ALARM CLOCKS ARE PROOF THAT
GOOD THINGS DON'T LAST FOREVER**



What you “NEED” Dept.



Bambu's extraordinary P1S is on sale at Best Buy [HERE](#) for only \$549 INCLUDING THE AMS UNIT. This is over \$200 off the old list price.



It is being replaced by the rumored P2S unit which adds a dehydrator in the AMS. Price TBD.

The SWAP MEET

Send in your treasured items to the Editor



From the estate of Dave, NP2I:

Astron SS-30M power supply \$100
Gap Titan \$275
Icom 756 Pro III \$800
Diamond Antenna GZV4000 power supply \$125
Ameritron AL-1200 (1.5 KW) \$2000
Also, 2- ICOM 2730a dual band transceivers

Contact Pete, K9PJC

Email jputra@gmail.com for photos

1) Motorola SL300 UHF Analog/DMR 99 channel, 2 zones. Programs/charges with normal micro USB cable. Battery recently replaced with genuine Motorola battery. Programs with CPS 2.0 (not included)

Great hotspot radio but I've also used it on local repeaters without issue. The channel/talk group name scrolls across the screen on RX.

Digital or analog transmissions

3 watt (digital) and 2 watt (analog) max power output

14 hours of battery life

LED dot matrix display

\$150 local. Will be listed on QRZ as well.

2) truSDX 80-20m QRP transceiver, sourced from a Manuel (DL2MAN) approved vendor. I'm thinning the herd as I have collected a lot of QRP rigs and not using them enough, better to find a new home.

Also included:

SMA to BNC Adapter

Power Cable w XT60 connector

\$100 Local sale. Will be listed on QRZ as well.

3) Icom IC-V86 7 Watt 2 meter FM HT

Like new, in factory box. Includes manual, battery, belt clip, drop in charger

And RT SYSTEM programming software can be transferred to you. You will need to provide a cable.

\$70 Local Sale. If you are a new youth ham interested in this please reach out.

4) Icom IC-706MKIIG HF/VHF/UHF

I am selling my IC-706MKIIG radio. I bought it USED and used it a handful of times, as I bought a 7100 shortly after. It came with the MARS/CAP modification. I never had any issues when I used it which was probably less than 10 times. Makes 100 Watts on HF, 50 on 2M and 30 on UHF.

Radio comes with user manual, a laminated quick reference card, HM-103 mic, OPC-581 separation cable, MB-62 mobile mounting bracket (currently attached to radio), MB-63 mobile mounting bracket for front panel. Radio also has an external fan attached to heat sink in the rear (see pic) which can be easily removed if unwanted. I've read that radios with serial numbers greater than 1.5 million (this radio's SN is 1507448) have the newer PA board with Mitsubishi finals. I didn't open the radio to verify this. I do not believe it has the optional filters installed based on the initial settings page.

\$550 Local Sale. Will be listed on QRZ as well.

Email jputra@gmail.com for additional photos

My loaded FTDX 3000 is still available: new low price of only \$700



Contact Fred, K9SO, at WA9MVZ@Yahoo.com

LRA donations of \$40 or more get you a pair of Raspberry Pi 3's and 4's. (one of each). The industrial grade SD cards add to the value of these packaged units (the 4's are even fan cooled). A great value.



contact Rick, KC9UJO, at TREASURER@KR9RK.COM

Final Thoughts



Club participation continues to grow, but so do our costs. Please consider a small donation by clicking on the donate button at KR9RK.COM.

Also, with membership renewals coming up, consider upgrading to a 5 year membership.

This newsletter is only as good as the information you submit. Send me your activities and pictures to share in all the fun you're having with Ham Radio activities.

73,
Fred
K9SO

ADDENDA

Help Pass the Bill!

Amateur Radio Emergency Preparedness Act

Whether you are an ARRL member or not, every amateur radio operator should participate this grassroots campaign to protect amateur radio rights, specifically to eliminate HOA prohibitions, in this case.

They've made it simple – For licensed amateurs, scan the QR code below, or visit the associated website, enter your call sign, confirm your information, and submit! This will generate a letter to your US Senators and your Congressional Representative on your behalf. Our lobbyists will hand deliver these letters at the appropriate time. It literally takes 30 seconds of your time.



<https://send-a-letter.org/hoa/>

**** NOTE:** This is for individuals only. Clubs and ARES organizations should submit the club letter with the template provided ******

For more detailed information on this, visit: <https://www.arrl.org/current-legislation>

For clubs: <https://send-a-letter.org/club>

Upcoming Fests and Conventions

November 2, 2025 – FCARC Annual Hamfest

Location: Oshkosh, WI

Sponsor: Fox Cities Amateur Radio Club

Website: <https://fcarc.club/>